Appendix G
Analytical Data QA/QC Report

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List of Acronyms

ADR	automated data review
AR/COC	Analysis Request/Chain of Custody
bgs	below ground surface
CCB	continuing calibration blank
CCV	continuing calibration verification
CFR	Code of Federal Regulations
CLP	Contract Laboratory Program
CRQL	Contract Required Quantitation Limit
DQO	data quality objectives
FD	field duplicate sample
FUDS	Formerly Used Defense Sites
HB	high bias
ICAL	initial calibration
ICB	initial calibration blank
ICS	Interference Check Samples
ICV	initial calibration verification
ID	identification
IDNR	Iowa Department of Natural Resources
LB	low bias
LCS	laboratory control sample
LCSD	laboratory control sample duplicate
MC	munitions constituents

MDL	method detection limit
mg/kg	milligrams per kilogram
MMRP	Military Munitions Response Program
MRS	Munitions Response Site
MS	matrix spike
MSD	matrix spike duplicate
NC	not calculated
NWO	Northwestern Division Omaha District Military Munitions Design Center
PQL	practical quantitation limits
QA/QC	quality assurance/quality control
r	correlation coefficient
R^2	Coefficient of Determination
REG	regular field sample
RL	reporting limit
RPD	relative percent difference
SAP	sampling and analysis plan
SEDD	staged electronic data deliverable
SDG	sample delivery group
Shaw	Shaw Environmental, Inc.
SI	site inspection
SOPs	standard operating procedures
SS WP	site specific work plan
TA	Test America
USACE	U.S. Army Corps of Engineers
USEPA	U.S. Environmental Protection Agency
XRF	X-Ray Fluorescence

G.1.0 Introduction

This appendix presents the Analytical Data Quality Assurance/Quality Control (QA/QC) Report for the Fort Des Moines Pistol Range Site Inspection (SI). This report will discuss results of the QA/QC measures implemented during the sampling and analysis of the SI. The Fort Des Moines Pistol Range, located in Polk County, Iowa, approximately 5 miles south of the central business district of Des Moines, was investigated under the Formerly Used Defense Site (FUDS), Military Munitions Response Program (MMRP) for the U.S. Army Corps of Engineers (USACE). The quality indicators from every aspect of the data collection have been reviewed, and an assessment of the data with regard to project-specific objectives is presented. Successful execution of project-specific objectives and procedures provides strong support for the acceptance of the data as adequate for the purpose of evaluating the presence of munitions constituents (MC) at the Fort Des Moines Pistol Range.

The data review process presented in this report compares sample results to pre-established criteria referenced in Shaw Environmental, Inc.'s (Shaw) FUDS MMRP Sampling and Analysis Plan (SAP), (Shaw, 2006a) to confirm that the data are of acceptable technical quality. Test America (TA)-Denver provided Shaw with a Level 4 data package including "Contract Laboratory Program (CLP)-Like**"** summary forms and Staged Electronic Data Deliverables (SEDD) Stage 2a (version Draft 5.0) for all sample delivery groups (SDG). Shaw conducted a data assessment on all samples collected in support of this SI. One-hundred percent of the analytical data have been reviewed and validation qualifiers assigned based on U.S. Environmental Protection Agency (USEPA) CLP *National Functional Guidelines for Inorganic Data Review*, October 2004. Automated Data Review (ADR) software (version 8.3) was used to assist in the data validation process for all areas with the exception of initial calibrations (ICALs), initial calibration verification (ICVs), continuing calibration verifications (CCVs), initial calibration blanks (ICB), continuing calibration blanks (CCBs), interference check standards, and serial dilutions which were assessed manually. Data were evaluated against specific criteria to verify the achievement of all precision, accuracy, representativeness, completeness, comparability, and sensitivity goals established to meet the project data quality objectives (DQO).

To verify that these DQOs were met, field measurements, sampling and handling procedures, laboratory analysis and reporting, and all non-conformances and discrepancies in the data were examined to determine compliance with the appropriate and applicable procedures. The results of

this review are presented in the following sections, with all outliers or non-conformances discussed where they occurred.

This report is divided into three sections. Section G.2.0 discusses the overall field investigation and QC procedures used by Shaw during the sampling effort. Section G.3.0 outlines the analytical program and the associated QC activities as specified in Shaw's Fort Des Moines Pistol Range Site-Specific Work Plan (SS WP) and in Shaw's FUDS MMRP SAP (here in after referred to as the Type I Work Plan). The final part of this document, Section G.4.0, summarizes the data findings and their overall impact on the usability of the analytical data.

G.2.0 Field Sampling and QC Activities

Shaw is responsible for conducting the SI at Fort Des Moines Pistol Range, under MMRP Contract No W912DY-04-D-0010, Delivery Order 003 managed by the Northwestern Division Omaha District Military Munitions Design Center (NWO). Field activities at this munitions response site (MRS) included the collection of soil samples from fourteen surface locations and co-located sediment and surface water from four locations. Surface soil samples collected at Fort Des Moines Pistol Range were submitted to TA-Denver for the following requested analyses:

- Aluminum, calcium, iron, and magnesium by SW-846 6010B (soil digestion method SW-846 3050B)
- Antimony, copper, lead, manganese, and zinc by SW-846 6020 (soil digestion method SW-846 3050B)

Sediment samples collected at Fort Des Moines Pistol Range were submitted to TA-Denver for the following requested analyses:

- Antimony, copper, lead, and zinc by SW-846 6020 (soil digestion method SW-846 3050B)

Surface water samples collected at Fort Des Moines Pistol Range were submitted to TA-Denver for the following requested analyses:

- Total and dissolved antimony, copper, lead, and zinc by SW-846 6020 (total metals digestion method SW-846 3020A and dissolved metals digestion method SW-846 3005A)

Table G-1 summarizes the location identification (ID), the Shaw sample ID, sample purpose, sample matrix, date of collection, TA-Denver sample ID, and the specific analytical program for each sample collected for the Fort Des Moines Pistol Range SI. Sample shipments from the field were performed under custody and documented using standard TA-Denver Analysis Request/Chain of Custody (AR/COC) forms. These forms provide project-specific analytical specifications and QC instructions to the laboratory. No amendments were made to the original AR/COCs associated with the Fort Des Moines Pistol Range SI.

G.2.1 Field Duplicates

Field duplicate samples are collected and submitted "blind" to the laboratory for analysis along with their corresponding parent sample. The data generated from the analysis of field duplicate samples are used to evaluate the precision of the sample collection and analysis procedures. Field duplicate samples are collected at a frequency of approximately one for every ten samples collected (10 percent) per matrix.

A high relative percent difference (RPD) value between a parent sample's result and its corresponding field duplicate's result may be attributed to the difference in sample matrix or distribution of the constituent within the sample, rather than the lack of precision of the collection process. Also, when estimated results are reported, there is a potential for increased variability between the parent and duplicate sample results. At low concentrations the relative difference in results is magnified by the RPD calculation even though the results are comparable in absolute terms. There is also increased uncertainty in the results as the lower limit of detection is approached, because of decreasing analytical accuracy. RPD is calculated by using the following formula:

$$\text{RPD} = \frac{(V_1 - V_2)}{\frac{(V_1 + V_2)}{2}} \times 100$$

where:

RPD = relative percent difference

V1 = value 1; V2 = value 2

In cases where duplicates were performed and both results are less than the method detection limit (MDL) and cases where one result is greater than the MDL, and the second result is non-detect, the RPD is not calculated. In these cases where the RPD was not calculated, "NC" (not calculated) is denoted in the RPD column. Precision evaluation criteria for field duplicate comparison was established at RPD<50% for soil / sediment and RPD<30% for surface water.

Table G-2 and Table G-3 summarizes the calculated RPDs between the parent sample results and its corresponding field duplicate results for soil / sediment and surface water, respectively. All calculated RPDs between the soil / sediment parent sample values and their corresponding field duplicates values met the evaluation criteria. All calculated RPDs between the surface water parent sample values and their corresponding field duplicates values met the evaluation criteria with the exception of dissolved lead and zinc for samples NWO-177-2003 (parent) and NWO-177-2004 (field duplicate). The high RPD values may be attributed to the following:

- At low concentrations the relative difference in results is magnified by the RPD calculation even though the results are comparable in absolute terms
- Increased uncertainty in the results as the lower limit of detection is approached, because of decreasing analytical accuracy

Dissolved lead and zinc results for samples NWO-177-2003 (parent) and NWO-177-2004 were "J" qualified.

G.2.2 USACE Split Samples

No USACE field split samples were collected during the Fort Des Moines Pistol Range SI.

G.2.3 Equipment Rinsates

Equipment rinsates are used to assess the effectiveness of the decontamination procedures used by the sampling team on reusable sampling equipment. Samples were collected using new, clean, disposable sampling equipment (spoon or scoop and bowl) during the Fort Des Moines Pistol Range SI. No equipment rinsate samples were collected.

G.2.4 Field Blanks

Field blanks or material blanks are collected to assess potential contamination introduced to the sample matrix in the field through sample handling procedures. Field blanks are generally prepared from clean source water (deionized water) or the site source water used during decontamination procedures. Field blanks were not collected during the Fort Des Moines Pistol Range SI.

G.2.5 Iowa Department of Natural Resources Split Samples

Iowa Department of Natural Resources (IDNR) collected and analyzed field split soil samples collected during the Fort Des Moines Pistol Range SI. The analyses were done utilizing USEPA method 6200 and a Niton XLt 793WY X-ray Fluorescence Metal Analyzer. Samples were dried, ground through a #60 mesh (250um), and then placed in NITON sample cups. Each sample was analyzed 4 times rotating one-quarter turn between each analysis. IDNR split soil results are presented in Attachment 1.

To assess the correlation between XRF results and fixed-based laboratory results at Fort Des Moines Pistol Range, the XRF-measured and laboratory-measured concentrations were plotted on an "X vs. Y" graph and a linear regression analysis performed. The correlation coefficient (r) of the regression was calculated and used as the primary indicator of comparability per the guidance found in USACE-Omaha District's *Small Arms Range Characterization of Lead Using X-Ray Fluorescence (XRF)* (December 2008). Ideal correlation between data is indicated when r

approaches a value of 1. USACE-Omaha guidance suggests that for the data to be considered "definitive data" for the purpose of small arms range delineation, the r value should be greater than 0.9.

Figure G-11 and Figure G-12 were prepared using lead and zinc results from both IDNR XRF and laboratory methods as described above. On Figure G-11 and Figure G-12, the "best fit" linear regression line is shown and the slope-intercept formula and r is calculated. The r value for lead (0.947) and zinc (0.986) are greater than the 0.9 criterion indicating good correlation between IDNR XRF results and fixed-based laboratory results. No correlation was possible between XRF-measured values and laboratory-measured values for antimony and copper due to the large differences in method sensitivity.

G.3.0 Analytical Program and QC Activities

The project QA/QC program described in the SS WP and the Shaw Type I Work Plan was followed for the collection and laboratory analysis of samples associated with this SI. Each of the analytical methods used require that method-specific QA/QC protocols be followed during sample analysis. These protocols are a critical part of the methods employed and were followed by the laboratory during sample analysis. Specific measures included detailed record keeping procedures, instrument calibrations, and analysis of method blanks, blank spikes, and matrix spikes (MS). Attachment 2 and Attachment 3 to this report contain both a summary of analytical results and a summary of analytical results greater than the MDL, respectively. These data summaries also include the assigned data validation qualifiers. Definitions of laboratory and data validation qualifiers are found in Table G-4. Data validation qualifier reason code definitions are found in Table G-5. Approved variances to Shaw's Type I Work Plan are included as Attachment 4.

G.3.1 Laboratory QA/QC Procedures

The following sections discuss a few of the QA/QC protocols required and performed by the laboratory during this SI.

G.3.1.1 Method Blanks

Method blanks were analyzed with each analytical "batch" processed on a per matrix (i.e., soil and water) basis. These blanks were carried step-wise through the same analytical procedure as the field samples including the addition of solvents, surrogate and standard spikes, and reagents as required in the analysis process. The purpose of the blank is to identify any possible contaminants that may be introduced to the sample as a result of the analytical process. During validation, the data validators evaluated all blank data associated with each sample. Data were evaluated based on USEPA CLP *National Functional Guidelines for Inorganic Data Review* guidance documents and were qualified accordingly.

Target compounds detected in associated blanks increase the uncertainty regarding the presence of the same constituents in field samples. For a compound identified in both a blank and field sample, it must be present at a concentration of five times higher in the field sample to be considered a "hit." Common laboratory contaminants such as acetone, methylene chloride, and toluene are not assumed present until sample concentrations exceed ten times the associated blank value. It should be noted TA-Denver considers calcium, iron, magnesium, and zinc as common laboratory contaminants. This is referred to as the 5X/10X rule.

Field sample concentrations were evaluated during data validation to determine if the sample results could have been biased by the presence of any contamination measured in method blanks, ICBs and/or CCBs. No sample results were impacted by blank contamination.

G.3.1.2 Matrix Spikes and Laboratory Control Spikes

Two types of spikes were generally performed for all analyses: those spikes applied to the sample matrix, identified as MS, and those applied to a "blank" matrix known as a laboratory control sample (LCS). The spiked compounds are target analytes that are quantified during performance of the method. Spikes are introduced during sample preparation on an aliquot of the sample, or a blank matrix. Results of these spiked aliquots are then compared to the native concentrations of the same analytes and a recovery calculated. Recovery of the spiked compound is used as an assessment of analytical accuracy on the sample matrix analyzed. These results are useful in distinguishing sample matrix interference from analysis interference through a comparison of MS and blank spike recovery data. Often, MSs are performed in duplicate (as a matrix spike duplicate [MSD] or LCS duplicate [LCSD]) on prepared sample aliquots. In this manner, an assessment of precision can be quantified as the RPD of the original and duplicate spike. The target acceptance limits are presented in Shaw's Type I Work Plan. Matrix spikes are assigned at a frequency of approximately 5%, or 1 for every 20 field samples collected. If a sample is designated for analysis as an MS/MSD, additional sample volume is provided to the laboratory. This sampling meets the collection criteria as specified in Shaw's SS WP and Type I Work Plan.

Two MS/MSD pairs were collected in the field and are associated with soil sample NWO-177-5001 and surface water sample NWO-177-6001. These samples correspond to sample locations 177A008 and 177A018, respectively. All MS/MSD parameters met the target acceptance criteria as established in Shaw's Type I Work Plan with the following exceptions:

SDG	Analysis	Sample Number	Analyte(s)	Action
280-17394-1	SW-846 6010B	NWO-177-5001 MS/MSD	Aluminum (HB) Calcium (LB) Iron (HB)	No action required for aluminum and iron; parent sample results were "4x" greater than the MS-MSD spike concentration. Calcium result reported for sample NWO-177-5001 was qualified "J" due to MS/MSD spike recoveries reported outside QC criteria. Calcium result may be biased low

LB – low bias
HB – high bias

SDG	Analysis	Sample Number	Analyte(s)	Action
280-17394-1	SW-846 6020	NWO-177-5001 MS/MSD	Antimony (LB) Manganese (HB)	No action required for manganese; parent sample result was "4x" greater than the MS-MSD spike concentration. Antimony result reported for sample NWO-177-5001 was qualified "J" due to MS/MSD spike recoveries reported outside QC criteria. Antimony result may be biased low

LB – low bias
HB – high bias

Professional judgment was applied to those target analytes whose corresponding MS spike recoveries are greater than 10% but below the QC criteria lower limit. For detected target analytes, results are qualified "J" or estimated; for non-detected target analytes, results are qualified as "UJ" or estimated non-detect. If a MS spike recovery grossly exceeds QC criteria (MS < 10% of expected result) and the parent sample concentration is non-detect; then the associated sample result is qualified "R" or unusable. Antimony MS and MSD spike results for parent sample NWO-177-5001 grossly exceeded QC criteria (MS/MSD < 10% recovery). Antimony's post digestion spike (PDS) recovery for sample NWO-177-5001 met QC criteria (PDS percent recovery 75 – 125%) which resulted in the antimony results being qualified "J" as estimated.

LCS results are used to evaluate laboratory method performance in the same manner as the MS/MSD results, except the LCS is not performed on an actual field sample matrix. An LCS is prepared for each analytical batch for each parameter and matrix analyzed. All LCS recoveries met the established acceptance criteria.

G.3.1.3 Calibrations

Initial calibration information is verified to demonstrate that reported results are comparable to known concentrations of target compounds. A series of standard reference solutions containing all target constituents are analyzed using the type of instrumentation specified by the method. The standards are used to determine the sensitivity of the analysis and the effective analytical (i.e. linear) range for which data can be accurately reported. TA-Denver analyzed a blank and one calibration standard to establish each instrument's ICAL for metals analyses. All instrument ICAL, Contract Required Quantitation Limit (CRQL) standards, Interference Check Samples (ICS), and bracketing ICVs / CCVs percent recoveries met the target acceptance criteria as established in Shaw's Type I Work Plan.

G.3.1.4 Serial Dilutions

For metals analyses, a serial dilution is analyzed to verify that no matrix effects are present. A percent difference is calculated between the original result and a second result calculated from a 1:4 dilution of the original sample. Shaw's Type I Work Plan serial dilution criteria is established as follows: percent difference of < 10% for original results greater than 50x their corresponding MDL for analytes analyzed by method SW-846 6010B or percent difference of < 10% for original results greater than 100x their corresponding MDL for analytes analyzed by method SW-846 6020. Serial dilutions were performed on SI samples NWO-177-5001 and NWO-177-6001. Results met acceptance criteria with the following exceptions:

SDG	Sample(s) Affected	Analytical Method	Analyte(s)	Validation Qualifier Applied
280-17394-1	NWO-177-5001	SW846 6010B	Calcium Iron Magnesium	J J J

G.3.2 Reporting Limits

The analytical program executed required the use of SW-846 methods, which specify the procedure for calculating the practical quantitation limit (PQL). Each laboratory is required to demonstrate method performance through MDL studies for every method employed. These studies are required to be laboratory-specific so that individual laboratory variables such as equipment brands, reagent suppliers, and chemist technique are factored into the performance study. MDLs are established using controlled matrices (i.e., deionized water). The PQL calculation adjusts the limit by a predetermined mathematical factor for the analysis of actual environmental sample matrices (i.e. soil, groundwater, etc.).

For purposes of clarity and consistency with respect to terminology, the term "reporting limit" (RL) has been substituted for PQL when referencing the limit of detection reported by the laboratory for each individual sample and parameter. The actual values reported have been corrected for all necessary dilutions, dryness, and interference factors as applicable based on the resulting analytical data for a sample. MDLs, PQLs, and RLs are generally defined as follows:

- ***Method Detection Limit (MDL).*** The minimum concentration of an analyte that can be determined with 99 percent confidence that the true value is greater than zero.

- ***Practical Quantitation Limit (PQL).*** The lowest level that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operating conditions. The PQL is set at the lowest standard used in the ICAL or higher for each target analyte.
- ***Reporting Limit (RL).*** This number is equivalent to the PQL.

The MDL is the lower limit at which the laboratory can differentiate a measurement from background. The MDL is determined in accordance with the procedures in 40 Code of Federal Regulations (CFR) Part 136. A PQL, or RL, is the lower limit at which a measurement becomes meaningful. The PQL or RL is generally a multiple of three to five times the MDL.

In some cases, TA-Denver's RLs are slightly higher than those listed in Shaw's Type I Work Plan. Actual sample reporting limits can be reviewed on a sample by sample basis by reviewing the data summary presented in Attachment 2. Also, a general comparison of laboratory reported results, laboratory PQLs, and laboratory MDLs to SI screening values are found in Table G-7, Table G-8, and Table G-9. Reported sample results provide sufficient sensitivity in regarding the presence of MC associated with past military activities at this site.

G.3.3 Holding Times

All laboratory results submitted for this SI have been reviewed with respect to laboratory adherence to extraction and analysis holding times. Maximum sample extraction and analysis hold times are presented in Tables 4-1 and 4-2 of Shaw's Type I Work Plan. All holding time criteria were met by TA-Denver. All sample shipments were received by TA-Denver in good condition and within the required temperature criteria ($4\pm2^{o}C$).

G.4.0 Data Evaluation and Usability

The data review process identified a few QC exceedances that were noted during this SI. These QC exceedances have been discussed in the text of this Analytical Data QA/QC Report. Table G-6 summarizes impacted sample results associated with QC exceedance. Table G-4 defines laboratory and data validation qualifiers and Table G-5 defines data validation qualifier reason codes. The following definitions are used for defining precision, accuracy, representativeness, completeness, comparability, and sensitivity as they have been applied to this evaluation:

Precision. Precision is a measurement of mutual agreement among individual measurements of the same property, usually under prescribed similar conditions. For this project, precision data were obtained through the analysis and evaluation of field duplicate samples as RPD. RPD is calculated as follows:

$$\text{RPD} = \frac{(V_1 - V_2)}{\frac{(V_1 + V_2)}{2}} \times 100$$

Where:
RPD = relative percent difference
V1 = value 1; V2 = value 2

Parent sample and field duplicate comparisons show that the field team is consistent in their sample collection practices. Field duplicate results are summarized in Section G.2.1, Table G-2, and Table G-3.

Precision was also evaluated through the comparison of MS and MSD or LCS and LCSD results. The spiked samples (MS, MSD, LCS, LCSD) RPDs are evaluated during data validation and data are qualified accordingly. RPD within the acceptance criteria indicates that the laboratory is performing adequately and that the results are reproducible for the analytes of interest at this site. Acceptance criteria are defined in Shaw's Type I Work Plan for each analyte of concern. These data and all necessary qualifications are discussed in Section G.3.1.2. In respect to precision, the data are usable for their intended purpose.

Accuracy. Accuracy is a measurement of bias in a system and is expressed as a percent recovery. Accuracy is typically determined through the analysis and evaluation of blanks, LCSs, and MS/MSD samples. Percent recovery is calculated as follows:

$$\% \text{ Recovery} = 100 \times \frac{\text{measured value}}{\text{true value}}$$

Data qualification in respect to MS/MSDs and LCS spike recoveries are summarized in Section G.3.1.2. The noted QC exceedances discussed in these sections resulted in the qualification of the reported data as being estimated ("J"). In respect to accuracy, all data are usable for their intended purpose.

Representativeness. Representativeness is a qualitative parameter that expresses the degree to which sample data actually represent the matrix and site conditions. General requirements and procedures referenced in Shaw's Type I Work Plan and corporate standard operating procedures (SOPs) for sample collection and handling are designed to maximize sample representativeness. Representativeness also can be monitored by reviewing field documentation and by performing field audits. Samples were collected at locations to identify the presence of MC associated with past military activities. All samples were collected using SOPs and were fully documented through the use of standard field forms. Samples are representative of the matrix and site sampled.

Completeness. Completeness is a measure of the amount of valid data obtained during a sampling event as compared to the amount of data planned for collection and determined to be usable for the intended purpose. Typically, an overall completeness goal of 95 percent is set for projects of this type. Completeness is calculated as follows:

$$\%C = (U/T) \times 100$$

where:
%C = Percent completeness;
U = Number of measurements judged usable; and
T = Total number of measurements.

During this SI, 25 samples were collected and reported resulting in a total of 195 records. No results were rejected during the data quality evaluation. A summary of data qualification and the reasons for qualifier assignments is presented in Attachment 2. Using the above calculation, 100 % completeness was achieved for this sample event.

Field completeness is estimated as the percentage of all planned samples that were actually collected and analyzed. The calculation is as follows:

$$\%FC = (A/P) \times 100$$

where:
%FC = Field Percent Completeness;
A = Actual number of samples collected, and
P = Number of planned samples to collect

Discussion of field completeness is provided in the main text of the SI report including section *Deviations from the Work Plan*.

Comparability. Comparability is a qualitative parameter expressing the confidence with which one data set can be compared with another. Comparability ensures that results for the sampling event can be compared with data from past and future sampling programs. Comparability for this sampling event was achieved through the use of established and recognized techniques and through the laboratory's use of standard USEPA methodology. All samples collected for this task were subjected to the same sampling, handling, preparation, analysis, reporting, and validation criteria for the purpose of achieving comparability goals within the data set.

Sensitivity. Sensitivity is defined as the ability of the laboratory's established MDL/PQL to meet project-specific DQOs. MDL is the minimum concentration of a substance that can be measured and reported with 99 percent confidence that the analyte concentration is greater than zero. MDLs are determined from an analysis of a sample in a given matrix containing the target analyte of interest. The RL is a threshold value based upon the sensitivity capability of method and instrument. PQLs are normally set at a minimum of three times the MDL. MDLs/PQLs are adjusted based on the sample matrix, moisture (solids only), and any necessary sample dilutions. The laboratory cannot reliably quantitate values reported above the MDL but below the PQL. Therefore, these analyte values must be flagged as estimated quantities ("J" flagged). To evaluate method sensitivity, a general comparison of the laboratory's MDLs and PQLs and the following regulatory screening levels was performed. The laboratory soil PQLs/MDLs were compared against the following SI screening levels:

- Background Threshold Level calculated from "3x" background sample [sediment only]
- Calculated SI Background 95th Upper Tolerance Limit / 95th Percentile [Soil only]
- Ecological Screening Levels derived from USEPA Guidance for Developing Ecological Soil Screening Levels (2007) [soil]
- Ecological Screening Levels derived from MacDonald et al., Development and Evaluation of Consensus-Based Sediment Quality Guidelines for Freshwater Ecosystems, Archives of Environmental Contamination and Toxicology (2000) and Los Alamos National Laboratory Ecorisk Database, lowest of wildlife and direct contact values (2010) [Sediment]
- Human Health Screening Levels derived from IDNR Statewide Standards for Contaminants (January 2011) and USEPA Regional Screening Values for Chemical Contaminants at Superfund Sites (dated November 2010) [sediment and soil]

Comparison of TA-Denver's soil PQLs/MDLs to SI screening levels are summarized in Tables G-7 and G-8 for surface soil and sediment, respectively. TA-Denver's soil PQLs for all target analytes of interest met or were below SI screening levels with the exception of antimony. Results reported between the PQL and MDL are qualified "J" as estimated because of the increased uncertainty in the results as the lower limit of detection is approached. Antimony's SI ecological screening level for soil and sediment [**bold face**] are established between TA - Denver's calculated PQL and MDL as summarized below:

Analyte	Analysis Method	TA - Denver PQL (mg/kg)	TA - Denver MDL (mg/kg)	Site Inspection Ecological Screening Level –Soil (mg/kg)	Site Inspection Human Health Screening Level –Soil (mg/kg)
Antimony	SW-846 6020	0.400	0.014	**0.27**	31

mg/kg - milligrams per kilogram

Analyte	Analysis Method	TA - Denver PQL (mg/kg)	TA - Denver MDL (mg/kg)	Site Inspection Ecological Screening Level –Sediment (mg/kg)	Site Inspection Human Health Screening Level –Sediment (mg/kg)
Antimony	SW-846 6020	0.400	0.014	**0.36**	31

mg/kg - milligrams per kilogram

The laboratory's aqueous PQLs/MDLs were compared against the following SI screening levels:

- Background Threshold Level calculated from "3x" background sample [Surface Water]
- Ecological Screening Levels derived from IDNR Aquatic Life Screening Value (dated November 2007) and Los Alamos National Laboratory Ecorisk Database, lowest of wildlife and direct contact values (2010) [Surface water]
- Human Health Screening Levels derived from IDNR Human Health Criteria (dated November 2007) and USEPA Regional Screening Values for Chemical Contaminants at Superfund Sites (dated November 2010) [Surface water]

Comparison of TA-Denver's aqueous PQLs/MDLs to SI screening levels are summarized in Table G-9 for surface water. TA-Denver's PQLs met or were below SI screening levels for surface water the exception of dissolved lead and total and dissolved antimony. Results reported between the PQL and MDL are qualified "J" as estimated because of the increased uncertainty in the results as the lower limit of detection is approached. Dissolved lead's SI ecological screening level and antimony's SI human health screening level for surface water [**bold face**] are established between TA - Denver's calculated PQL and MDL as summarized below:

Analyte	Analysis Method	TA - Denver PQL (ug/L)	TA - Denver MDL (ug/L)	Site Inspection Ecological Screening Level –Surface Water (ug/L)	Site Inspection Human Health Screening Level –Surface Water (ug/L)
Antimony (Total and Dissolved)	SW-846 6020	6.0	0.07	100	**5.6**
Lead (Dissolved)	SW-846 6020	3.0	0.18	**2.5**	15

ug/L - micrograms per liter

G.4.1 Statement of Data Usability

One-hundred percent of the analytical data have been reviewed and validation qualifiers assigned based on USEPA CLP *National Functional Guidelines for Inorganic Data Review*, October 2004. ADR software (version 8.3) was used to assist in the data validation process for all areas with the exception of ICAL, ICV/CCV, ICB/CCB, interference check standards, and serial dilutions. The overall quality of the data collected for the Fort Des Moines Pistol Range SI has been discussed in this Analytical Data QA/QC Report. Results of the analyses, as discussed in this evaluation, suggest that the results are indicative of the media analyzed, with the exception of the QC exceedances listed below:

- Dissolved lead and zinc results for samples NWO-177-2003 (parent sample) and NWO-177-2004 (field duplicate) were "J" qualified due to their calculated RPDs exceeding QC criteria (%RPD<30%)
- Antimony and calcium results reported for sample NWO-177-5001 were qualified "J" due to MS/MSD spike recoveries reported outside QC criteria. Antimony and calcium results may be biased low
- Calcium, iron, and magnesium results for soil sample NWO-177-5001 were "J" qualified due to the serial dilution test percent difference exceeding QC criteria (percent difference<10%)

No data was "R" qualified as unusable. Overall, these data are fully usable for their intended purpose.

Table G-1

Summary of Samples Collected and Sample Tracking Information
Fort Des Moines Pistol Range

Location ID	Sample Number	Sample Purpose	Sample Type	Sample Date	Start Depth (ft)	End Depth (ft)	Laboratory Sample ID	Aluminum, calcium, iron, and magnesium by SW846 6010B	Antimony, copper, lead, manganese, and zinc by SW846 6020
Pistol Range - Earthen Salvage Wall (lower portion)									
177A001	NWO-177-0001	REG	SS	22-Jun-11	0	0.17	280-17394-1	X	X
	NWO-177-0005	FD	SS	22-Jun-11	0	0.17	280-17394-5	X	X
177A002	NWO-177-0002	REG	SS	22-Jun-11	0	0.17	280-17394-2	X	X
177A003	NWO-177-0003	REG	SS	22-Jun-11	0	0.17	280-17394-3	X	X
177A004	NWO-177-0004	REG	SS	22-Jun-11	0	0.17	280-17394-4	X	X
Pistol Range - Wetland Area Nearest Salvage Wall									
177A005	NWO-177-1001	REG	SD	22-Jun-11	0	0.17	280-17397-1		X
	NWO-177-2001	REG	SW	22-Jun-11	---	---	280-17398-1		X [1]
177A006	NWO-177-1002	REG	SD	22-Jun-11	0	0.17	280-17397-2		X
	NWO-177-2002	REG	SW	22-Jun-11	---	---	280-17398-2		X [1]
177A007	NWO-177-1003	REG	SD	22-Jun-11	0	0.17	280-17397-3		X
	NWO-177-1004	FD	SD	22-Jun-11	0	0.17	280-17397-4		X
	NWO-177-2003	REG	SW	22-Jun-11	---	---	280-17398-3		X [1]
	NWO-177-2004	FD	SW	22-Jun-11	---	---	280-17398-4		X [1]
Background									
177A008	NWO-177-5001	REG	SS	22-Jun-11	0	0.17	280-17394-6	X	X
	NWO-177-5001-MS	MS	SS	22-Jun-11	0	0.17	280-17394-6MS	X	X
	NWO-177-5001-MSD	MSD	SS	22-Jun-11	0	0.17	280-17394-6MSD	X	X
177A009	NWO-177-5002	REG	SS	22-Jun-11	0	0.17	280-17394-7	X	X
177A010	NWO-177-5003	REG	SS	22-Jun-11	0	0.17	280-17394-8	X	X
177A011	NWO-177-5004	REG	SS	22-Jun-11	0	0.17	280-17394-9	X	X
177A012	NWO-177-5005	REG	SS	22-Jun-11	0	0.17	280-17394-10	X	X
177A013	NWO-177-5006	REG	SS	22-Jun-11	0	0.17	280-17394-11	X	X
177A014	NWO-177-5007	REG	SS	22-Jun-11	0	0.17	280-17394-12	X	X
177A015	NWO-177-5008	REG	SS	22-Jun-11	0	0.17	280-17394-13	X	X
177A016	NWO-177-5009	REG	SS	22-Jun-11	0	0.17	280-17394-14	X	X
177A017	NWO-177-5010	REG	SS	22-Jun-11	0	0.17	280-17394-15	X	X
177A018	NWO-177-5011	REG	SD	22-Jun-11	0	0.17	280-17397-5		X
	NWO-177-6001	REG	SW	22-Jun-11	---	---	280-17398-5		X [1]
	NWO-177-6001-MS	MS	SW	22-Jun-11	---	---	280-17398-5MS		X [1]
	NWO-177-6001-MSD	MSD	SW	22-Jun-11	---	---	280-17398-5MSD		X [1]

Notes:

X - Indicates a sample was collected and analyzed for the given parameter

X^1 - Total and dissolved metals were collected and analyzed for the given parameter

ID - identification
ft - feet
REG - regular field sample
FD - field duplicate sample
MS - matrix spike
MSD - matrix spike duplicate
SS - surface soil (0 - 0.5ft below ground surface)
SD - sediment
SW - surface water

Table G-2

Summary of Soil / Sediment Parent and Field Duplicate Results and RPD Calculations
Fort Des Moines Pistol Range

Location			177A001					177A007				
Sample Date			22-Jun-11					22-Jun-11				
Sample Number			NWO-177-0001		NWO-177-0005			NWO-177-1003		NWO-177-1004		
Sample Depth (ft bgs)			0 to 0.17		0 to 0.17			0 to 0.17		0 to 0.17		
Sample Purpose			REG		FD			REG		FD		
Fraction	**Parameter**	**Units**	**Result**	**VQ**	**Result**	**VQ**	**RPD**	**Result**	**VQ**	**Result**	**VQ**	**RPD**
Metals	Aluminum	mg/kg	11500		11400		0.9	---	---	---	---	---
Metals	Antimony	mg/kg	0.0244	J	0.0226	J	7.7	0.0245	J	0.0282	J	14.0
Metals	Calcium	mg/kg	3690		3650		1.1	---	---	---	---	---
Metals	Copper	mg/kg	13.1		15.1		14.2	18.2		18		1.1
Metals	Iron	mg/kg	16300		16700		2.4	---	---	---	---	---
Metals	Lead	mg/kg	12.2		13.5		10.1	25.3		23.4		7.8
Metals	Magnesium	mg/kg	3180		3130		1.6	---	---	---	---	---
Metals	Manganese	mg/kg	595		659		10.2	---	---	---	---	---
Metals	Zinc	mg/kg	50.6		58.6		14.7	73.4		74.7		1.8

Notes:

"---" target analyte not analyzed for in the assooiated sample
ft - feet
bgs - below ground surface
REG - regular field sample
FD - field duplicate sample
VQ - validation qualifier
RPD - relative percent difference
mg/kg - milligrams per kilogram

Validation Qualifier Definitions

U - Not detected. The compound/analyte was analyzed for, but not detected above the associated method detection limit

J - The compound/analyte was positively identified; the reported value is the estimated concentration of the constituent detected in the sample analyzed

R - The reported sample results are rejected due to the following: 1. Severe deficiencies in the supporting quality control data, 2. Anomalies noted in the sampling and/or analysis process which could affect the validity of the reported data, 3. The presence or absence of the constituent cannot be verified based on the data provided, 4. To indicate not to use a particular result in the event of a reanalysis

UJ - The compound/analyte was analyzed for, but not detected above the established reporting limit. However, review and evaluation of supporting QC data and/or sampling and analysis process have indicated that the reporting limit may be inaccurate or imprecise. The nondetect result should be estimated

Table G-3

Summary of Surface Water Parent and Field Duplicate Results and RPD Calculations
Fort Des Moines Pistol Range

Location				177A007				
Sample Date				22-Jun-11				
Sample Number				NWO-177-2003		NWO-177-2004		
Sample Purpose				REG		FD		
Fraction	**Parameter**	**Filtered**	**Units**	**Result**	**VQ**	**Result**	**VQ**	**RPD**
Metals	Antimony	N	ug/L	0.19	J	0.208	J	9.0
Metals	Copper	N	ug/L	6.72		7.1		5.5
Metals	Lead	N	ug/L	7.97		9.11		13.3
Metals	Zinc	N	ug/L	27.6	J	30.6	J	10.3
Metals	Antimony	Y	ug/L	0.0765	J	0.0912	J	17.5
Metals	Copper	Y	ug/L	< 0.560	U	< 0.560	U	NC
Metals	**Lead**	Y	ug/L	0.968	J	0.192	J	**133.8**
Metals	**Zinc**	Y	ug/L	3.37	J	6.27	J	**60.2**

Notes:

REG - regular field sample

FD - field duplicate sample

VQ - validation qualifier

RPD - relative percent difference

NC - not calculated

ug/L - milligrams per liter

Validation Qualifier Definitions

U - Not detected. The compound/analyte was analyzed for, but not detected above the associated method detection limit

J - The compound/analyte was positively identified; the reported value is the estimated concentration of the constituent detected in the sample analyzed

R - The reported sample results are rejected due to the following: 1. Severe deficiencies in the supporting quality control data, 2. Anomalies noted in the sampling and/or analysis process which could affect the validity of the reported data, 3. The presence or absence of the constituent cannot be verified based on the data provided, 4. To indicate not to use a particular result in the event of a reanalysis

UJ - The compound/analyte was analyzed for, but not detected above the established reporting limit. However, review and evaluation of supporting QC data and/or sampling and analysis process have indicated that the reporting limit may be inaccurate or imprecise. The nondetect result should be estimated

Table G-4

Laboratory Qualifier and Data Validation Qualifier Definitions

Laboratory Qualifier Definitions

U	Undetected at the limit of detection. The associated data value is the limit of detection, adjusted by any dilution factor used in the analysis.
J	Estimated. The analyte was positively identified; the quantitation is estimated. (For example, matrix interference, or concentrations outside the calibration range).
B	Blank contamination: The analyte was detected in the associated method blank at a concentration greater than one-half the reporting limit.
B	Metals Forms 3, 5B, and 9 (ICB, CCB, Post-Digestion Spike and Serial Dilutions): Analyte was detected above the method detection limit but below the reporting limit.
Q	One or more quality control criteria (for example: LCS recovery, surrogate recovery) failed. Data usability should be carefully assessed by the project team.
a	Spiked analyte recovery is outside control limits.
MSB	The recovery and RPD were not calculated because the sample amount was greater than four times the spike amount.
NC DIL	The recovery and RPD were not calculated due to dilution.
N	Inorganics: Spiked analyte recovery is outside stated control limits.
a	Organics: Spiked analyte recovery is outside stated control limits.
*	Surrogate or LCS is outside control limits.

Data Validation Qualifier Definitions

U	Not detected. The compound/analyte was analyzed for, but not detected above the associated limit of detection.
J	The compound/analyte was positively identified; the reported value is the estimated concentration of the constituent detected in the sample analyzed.
R	The reported sample results are rejected due to the following: 1. Severe deficiencies in the supporting quality control data 2. Anomalies noted in the sampling and/or analysis process which could affect the validity of the reported data 3. The presence or absence of the constituent cannot be verified based on the data provided 4. To indicate not to use a particular result in the event of a reanalysis
UJ	The compound/analyte was analyzed for, but not detected above the established reporting limit. However, review and evaluation of supporting QC data and/or sampling and analysis process have indicated that the reporting limit may be inaccurate or imprecise. The nondetect result should be estimated.

Table G-5

Data Validation Qualifier Reason Code Definitions

Reason Code	Definition
01	Sample received outside of 4+/-2 degrees Celsius
01A	Improper sample preservation
02	Holding time exceeded
02A	Extraction
02B	Analysis
03	Instrument performance – outside criteria
03A	BFB
03B	DFTPP
03C	DDT and/or Endrin % breakdown exceeds criteria
03D	Retention time windows
03E	Resolution
04	Initial calibration results outside specified criteria
04A	Compound mean RRF QC criteria not met
04B	Individual % RSD criteria not met
04C	Correlation coefficient >0.995
05	Continuing calibration results outside specified criteria
05A	Compound mean RRF QC criteria not met
05B	Compound % D QC criteria not met
06	Result qualified as a result of the 5x/10x blank correction
06A	Method or preparation blank
06B	ICB or CCB
06C	ER
06D	TB
06E	FB
07	Surrogate recoveries outside control limits
07A	Sample
07B	Associated method blank or LCS
08	MS/MSD/Duplicate results outside criteria
08A	MS and/or MSD recovery not within control limits (accuracy)
08B	% RPD outside acceptance criteria (precision)
09	Post digestion spike outside criteria (GFAA)
10	Internal standards outside specified control limits
10A	Recovery
10B	Retention time
11	Laboratory control sample recoveries outside specified limits
11A	Recovery
11B	% RPD (if run in duplicate)
12	Interference check standard
13	Serial dilution
14	Tentatively identified compounds
15	Quantitation
16	Multiple results available; alternate analysis preferred
17	Field duplicate RPD criteria is exceeded
18	Percent difference between original and second column exceeds QC criteria
19	Professional judgement was used to qualify the data
20	Pesticide clean-up checks
21	Target compound identification
22	Radiological calibration
23	Radiological quantitation
24	Reported result and/or lab qualifier revised to reflect validation findings

Table G-6

Summary of Negatively Impacted Sample Results Associated with Adverse QC Criteria
Fort Des Moines Pistol Range

Sample Delivery Group ID	Sample Number	Sample Type	Fraction	CAS No.	Parameter	Result	Units	LQ	VQ	R1	R2	R3	Filtered	Dilution Factor
280-17398-1	NWO-177-2003	SW	Metals	7439-92-1	Lead	0.968	ug/L	J	J	15	17		Y	1
	NWO-177-2003	SW	Metals	7440-66-6	Zinc	3.37	ug/L	J	J	15	17		Y	1
	NWO-177-2004	SW	Metals	7439-92-1	Lead	0.192	ug/L	J	J	15	17		Y	1
	NWO-177-2004	SW	Metals	7440-66-6	Zinc	6.27	ug/L	J	J	15	17		Y	1
280-17394-1	NWO-177-5001	SS	Metals	7440-36-0	Antimony	0.0235	mg/kg	Q J	J	19	08A	15	N	1
	NWO-177-5001	SS	Metals	7440-70-2	Calcium	4220	mg/kg	J	J	19	08A	13	N	1
	NWO-177-5001	SS	Metals	7439-89-6	Iron	17100	mg/kg	J	J	19	13		N	1
	NWO-177-5001	SS	Metals	7439-95-4	Magnesium	2720	mg/kg		J	19	13		N	1

Notes:

ID - identification
LQ - laboratory data qualifier
VQ - validation data qualifier
R1 - validation qualifier reason code no. 1
R2 - validation qualifier reason code no. 2
R3 - validation qualifier reason code no. 3
SW - surface water
SS - surface soil (0 - 0.5 below ground surface)
ug/L - micrograms per liter
mg/kg - milligrams per kilogram

See Table G-4 for laboratory and data validation qualifier definitions
See Table G-5 for data validation reason code definitions

Table G-7

Comparison of Pistol Range Soil Results to Site Inspection Screening Levels
Fort Des Moines Pistol Range

Location						**177A001**				**177A001**				**177A002**			
Sample Number						**NWO-177-0001**				**NWO-177-0005**				**NWO-177-0002**			
Sample Date						**22-Jun-11**				**22-Jun-11**				**22-Jun-11**			
Sample Depth (ft bgs)						**0 to 0.17**				**0 to 0.17**				**0 to 0.17**			
Sample Purpose						**REG**				**FD**				**REG**			
Fraction	**Parameter**	**Units**	**Site Inspection Background 95th UTL / 95th Percentile**	**Site Inspection Ecological Screening Level**	**Site Inspection Human Health Screening Level**	**Result**	**PQL**	**MDL**	**VQ**	**Result**	**PQL**	**MDL**	**VQ**	**Result**	**PQL**	**MDL**	**VQ**
Metals	Aluminum	mg/kg	15800	No criteria	No criteria	11500	90.1	1.4		11400	96.2	1.49		12200	87	1.35	
Metals	Antimony	mg/kg	0.0790	0.27	31	0.0244	0.396	0.0139	J	0.0226	0.374	0.0131	J	0.0186	0.388	0.0136	J
Metals	Calcium	mg/kg	65450	No criteria	No criteria	3690	180	12.7		3650	192	13.6		3600	174	12.3	
Metals	Copper	mg/kg	24.6	28	3100	13.1	4.95	0.0704		15.1	4.67	0.0664		18	4.85	0.069	
Metals	Iron	mg/kg	24500	No criteria	No criteria	16300	144	3.42		16700	154	3.65		18600	139	3.3	
Metals	Lead	mg/kg	50.8	11	400	*12.2*	0.792	0.018		*13.5*	0.748	0.017		*11.3*	0.777	0.0177	
Metals	Magnesium	mg/kg	5130	No criteria	No criteria	3180	54.1	3.33		3130	57.7	3.56		3390	52.2	3.22	
Metals	Manganese	mg/kg	1460	No criteria	No criteria	595	1.98	0.0327		659	1.87	0.0308		519	1.94	0.032	
Metals	Zinc	mg/kg	99.2	46	23000	*50.6*	4.95	0.313		*58.6*	4.67	0.295		*50.1*	4.85	0.307	

Notes:

[**Bold Face**] - Result exceeds Site Inspection Background 95th UTL / 95th Percentile

[*Italicized*] - Result exceeds Site Inspection Ecological Screening Level

[Underlined] - Result exceeds Site Inspection Human Health Screening Level

ft - feet
bgs - below ground surface
PQL - practical quantitation limit
MDL - method detection limit
VQ - validation qualifier
UTL - upper tolerance limit
mg/kg - milligrams per kilogram
REG - regular field sample
FD - field duplicate sample

Validation Qualifier Definitions

U - Not detected. The compound/analyte was analyzed for, but not detected above the associated method detection limit

J - The compound/analyte was positively identified; the reported value is the estimated concentration of the constituent detected in the sample analyzed

R - The reported sample results are rejected due to the following: 1. Severe deficiencies in the supporting quality control data, 2. Anomalies noted in the sampling and/or analysis process which could affect the validity of the reported data, 3. The presence or absence of the constituent cannot be verified based on the data provided, 4. To indicate not to use a particular result in the event of a reanalysis

UJ - The compound/analyte was analyzed for, but not detected above the established reporting limit. However, review and evaluation of supporting QC data and/or sampling and analysis process have indicated that the reporting limit may be inaccurate or imprecise. The nondetect result should be estimated

Table G-7

Comparison of Pistol Range Soil Results to Site Inspection Screening Levels
Fort Des Moines Pistol Range

Location						**177A003**				**177A004**			
Sample Number						**NWO-177-0003**				**NWO-177-0004**			
Sample Date						**22-Jun-11**				**22-Jun-11**			
Sample Depth (ft bgs)						**0 to 0.17**				**0 to 0.17**			
Sample Purpose						**REG**				**REG**			
Fraction	**Parameter**	**Units**	**Site Inspection Background 95th UTL / 95th Percentile**	**Site Inspection Ecological Screening Level**	**Site Inspection Human Health Screening Level**	**Result**	**PQL**	**MDL**	**VQ**	**Result**	**PQL**	**MDL**	**VQ**
Metals	Aluminum	mg/kg	15800	No criteria	No criteria	11400	87.7	1.36		10700	88.5	1.37	
Metals	Antimony	mg/kg	0.0790	0.27	31	0.0193	0.396	0.0139	J	0.0179	0.4	0.014	J
Metals	Calcium	mg/kg	65450	No criteria	No criteria	3480	175	12.4		3450	177	12.5	
Metals	Copper	mg/kg	24.6	28	3100	11	4.95	0.0704		11.7	5	0.0711	
Metals	Iron	mg/kg	24500	No criteria	No criteria	17300	140	3.33		15900	142	3.36	
Metals	Lead	mg/kg	50.8	11	400	*12.5*	0.792	0.018		*12.2*	0.8	0.0182	
Metals	Magnesium	mg/kg	5130	No criteria	No criteria	3000	52.6	3.25		2800	53.1	3.27	
Metals	Manganese	mg/kg	1460	No criteria	No criteria	543	1.98	0.0327		550	2	0.033	
Metals	Zinc	mg/kg	99.2	46	23000	44.5	4.95	0.313		46	5	0.316	

Notes:

[**Bold Face**] - Result exceeds Site Inspection Background 95th UTL / 95th Percentile

[*Italicized*] - Result exceeds Site Inspection Ecological Screening Level

[Underlined] - Result exceeds Site Inspection Human Health Screening Level

ft - feet
bgs - below ground surface
PQL - practical quantitation limit
MDL - method detection limit
VQ - validation qualifier
UTL - upper tolerance limit
mg/kg - milligrams per kilogram
REG - regular field sample
FD - field duplicate sample

Validation Qualifier Definitions

U - Not detected. The compound/analyte was analyzed for, but not detected above the associated method detection limit

J - The compound/analyte was positively identified; the reported value is the estimated concentration of the constituent detected in the sample analyzed

R - The reported sample results are rejected due to the following: 1. Severe deficiencies in the supporting quality control data, 2. Anomalies noted in the sampling and/or analysis process which could affect the validity of the reported data, 3. The presence or absence of the constituent cannot be verified based on the data provided, 4. To indicate not to use a particular result in the event of a reanalysis

UJ - The compound/analyte was analyzed for, but not detected above the established reporting limit. However, review and evaluation of supporting QC data and/or sampling and analysis process have indicated that the reporting limit may be inaccurate or imprecise. The nondetect result should be estimated

Table G-8

Comparison of Pistol Range Sediment Results to Site Inspection Screening Levels
Fort Des Moines Pistol Range

Location						**177A005**				**177A006**				**177A007**			
Sample Number						**NWO-177-1001**				**NWO-177-1002**				**NWO-177-1003**			
Sample Date						**22-Jun-11**				**22-Jun-11**				**22-Jun-11**			
Sample Depth (ft bgs)						**0 to 0.17**				**0 to 0.17**				**0 to 0.17**			
Sample Purpose						**REG**				**REG**				**REG**			
Fraction	**Parameter**	**Units**	**Background Threshold Level**	**Site Inspection Ecological Screening Level**	**Site Inspection Human Health Screening Level**	**Result**	**PQL**	**MDL**	**VQ**	**Result**	**PQL**	**MDL**	**VQ**	**Result**	**PQL**	**MDL**	**VQ**
Metals	Antimony	mg/kg	0.170	0.36	31	0.0399	0.385	0.0135	J	0.0598	0.4	0.014	J	0.0245	0.388	0.0136	J
Metals	Copper	mg/kg	56.4	31.6	3100	14.6	4.81	0.0684		15.4	5	0.0711		18.2	4.85	0.069	
Metals	Lead	mg/kg	83.1	35.8	400	33.4	0.769	0.0175		10.3	0.8	0.0182		25.3	0.777	0.0177	
Metals	Zinc	mg/kg	248	121	23000	51.6	4.81	0.304		56.9	5	0.316		73.4	4.85	0.307	

Notes:

[**Bold Face**] - Result exceeds Background Threshold Level

[*Italicized*] - Result exceeds Site Inspection Ecological Screening Leve

[Underlined] - Result exceeds Site Inspection Human Health Screening Leve

ft - feet
bgs - below ground surface
mg/kg - milligrams per kilogram
REG - regular field sample
FD - field duplicate sample
PQL - practical quantitation limit
MDL - method detection limit
VQ - validation qualifier

Validation Qualifier Definitions

U - Not detected. The compound/analyte was analyzed for, but not detected above the associated method detection limit

J - The compound/analyte was positively identified; the reported value is the estimated concentration of the constituent detected in the sample analyzed

R - The reported sample results are rejected due to the following: 1. Severe deficiencies in the supporting quality control data, 2. Anomalies noted in the sampling and/or analysis process which could affect the validity of the reported data, 3. The presence or absence of the constituent cannot be verified based on the data provided, 4. To indicate not to use a particular result in the event of a reanalysis

UJ - The compound/analyte was analyzed for, but not detected above the established reporting limit. However, review and evaluation of supporting QC data and/or sampling and analysis process have indicated that the reporting limit may be inaccurate or imprecise. The nondetect result should be estimated

Table G-8

Comparison of Pistol Range Sediment Results to Site Inspection Screening Levels
Fort Des Moines Pistol Range

Location						**177A007**			
Sample Number						**NWO-177-1004**			
Sample Date						**22-Jun-11**			
Sample Depth (ft bgs)						**0 to 0.17**			
Sample Purpose						**FD**			
Fraction	**Parameter**	**Units**	**Background Threshold Level**	**Site Inspection Ecological Screening Level**	**Site Inspection Human Health Screening Level**	**Result**	**PQL**	**MDL**	**VQ**
Metals	Antimony	mg/kg	0.170	0.36	31	0.0282	0.396	0.0139	J
Metals	Copper	mg/kg	56.4	31.6	3100	18	4.95	0.0704	
Metals	Lead	mg/kg	83.1	35.8	400	23.4	0.792	0.018	
Metals	Zinc	mg/kg	248	121	23000	74.7	4.95	0.313	

Notes:

[**Bold Face**] - Result exceeds Background Threshold Level

[*Italicized*] - Result exceeds Site Inspection Ecological Screening Leve

[Underlined] - Result exceeds Site Inspection Human Health Screening Leve

ft - feet
bgs - below ground surface
mg/kg - milligrams per kilogram
REG - regular field sample
FD - field duplicate sample
PQL - practical quantitation limit
MDL - method detection limit
VQ - validation qualifier

Validation Qualifier Definitions

U - Not detected. The compound/analyte was analyzed for, but not detected above the associated method detection limit

J - The compound/analyte was positively identified; the reported value is the estimated concentration of the constituent detected in the sample analyzed

R - The reported sample results are rejected due to the following: 1. Severe deficiencies in the supporting quality control data, 2. Anomalies noted in the sampling and/or analysis process which could affect the validity of the reported data, 3. The presence or absence of the constituent cannot be verified based on the data provided, 4. To indicate not to use a particular result in the event of a reanalysis

UJ - The compound/analyte was analyzed for, but not detected above the established reporting limit. However, review and evaluation of supporting QC data and/or sampling and analysis process have indicated that the reporting limit may be inaccurate or imprecise. The nondetect result should be estimated

Table G-9

Comparison of Pistol Range Surface Water Results to Site Inspection Screening Levels
Fort Des Moines Pistol Range

Location							177A005				177A006				177A007			
Sample Number							NWO-177-2001				NWO-177-2002				NWO-177-2003			
Sample Date							22-Jun-11				22-Jun-11				22-Jun-11			
Sample Purpose							REG				REG				REG			
Fraction	**Parameter**	**Filtered**	**Units**	**Background Threshold Level**	**Site Inspection Ecological Screening Level**	**Site Inspection Human Health Screening Level**	**Result**	**PQL**	**MDL**	**VQ**	**Result**	**PQL**	**MDL**	**VQ**	**Result**	**PQL**	**MDL**	**VQ**
Metals	Antimony	N	ug/L	0.630	100	5.6	0.0884	6	0.07	J	< 0.070	6	0.07	U	0.19	12	0.14	J
Metals	Copper	N	ug/L	6.06	9.3	1300	1.86	2	0.56	J	< 0.560	2	0.56	U	**6.72**	4	1.12	
Metals	Lead	N	ug/L	2.35	3	15	**2.68**	3	0.18	J	< 0.180	3	0.18	U	***7.97***	6	0.36	
Metals	Zinc	N	ug/L	17.3	100	7400	6.55	20	2	J	< 2.00	20	2	U	**27.6**	40	4	J
Metals	Antimony	Y	ug/L	0.627	100	5.6	0.104	6	0.07	J	0.104	6	0.07	J	0.0765	6	0.07	J
Metals	Copper	Y	ug/L	5.31	9.3	1300	1.78	2	0.56	J	< 0.560	2	0.56	U	< 0.560	2	0.56	U
Metals	Lead	Y	ug/L	0.993	2.5	15	***2.72***	3	0.18	J	< 0.180	3	0.18	U	0.968	3	0.18	J
Metals	Zinc	Y	ug/L	9.42	100	7400	6.23	20	2	J	4.71	20	2	J	3.37	20	2	J

Notes:

[**Bold Face**] - Result exceeds Background Threshold Level

[*Italicized*] - Result exceeds Site Inspection Ecological Screening Level

[Underlined] - Result exceeds Site Inspection Human Health Screening Level

ug/L - micrograms per liter
REG - regular field sample
FD - field duplicate sample
PQL - practical quantitation limit
MDL - method detection limit
VQ - validation qualifier

Validation Qualifier Definitions

U - Not detected. The compound/analyte was analyzed for, but not detected above the associated method detection limit

J - The compound/analyte was positively identified; the reported value is the estimated concentration of the constituent detected in the sample analyzed

R - The reported sample results are rejected due to the following: 1. Severe deficiencies in the supporting quality control data, 2. Anomalies noted in the sampling and/or analysis process which could affect the validity of the reported data, 3. The presence or absence of the constituent cannot be verified based on the data provided, 4. To indicate not to use a particular result in the event of a reanalysis

UJ - The compound/analyte was analyzed for, but not detected above the established reporting limit. However, review and evaluation of supporting QC data and/or sampling and analysis process have indicated that the reporting limit may be inaccurate or imprecise. The nondetect result should be estimated

Table G-9

Comparison of Pistol Range Surface Water Results to Site Inspection Screening Levels
Fort Des Moines Pistol Range

Location							**177A007**			
Sample Number							**NWO-177-2004**			
Sample Date							**22-Jun-11**			
Sample Purpose							**FD**			
Fraction	**Parameter**	**Filtered**	**Units**	**Background Threshold Level**	**Site Inspection Ecological Screening Level**	**Site Inspection Human Health Screening Level**	**Result**	**PQL**	**MDL**	**VQ**
Metals	Antimony	N	ug/L	0.630	100	5.6	0.208	12	0.14	J
Metals	Copper	N	ug/L	6.06	9.3	1300	**7.1**	4	1.12	
Metals	Lead	N	ug/L	2.35	3	15	***9.11***	6	0.36	
Metals	Zinc	N	ug/L	17.3	100	7400	**30.6**	40	4	J
Metals	Antimony	Y	ug/L	0.627	100	5.6	0.0912	6	0.07	J
Metals	Copper	Y	ug/L	5.31	9.3	1300	< 0.560	2	0.56	U
Metals	Lead	Y	ug/L	0.993	2.5	15	0.192	3	0.18	J
Metals	Zinc	Y	ug/L	9.42	100	7400	6.27	20	2	J

Notes:

[**Bold Face**] - Result exceeds Background Threshold Level

[*Italicized*] - Result exceeds Site Inspection Ecological Screening Level

[Underlined] - Result exceeds Site Inspection Human Health Screening Level

ug/L - micrograms per liter
REG - regular field sample
FD - field duplicate sample
PQL - practical quantitation limit
MDL - method detection limit
VQ - validation qualifier

Validation Qualifier Definitions

U - Not detected. The compound/analyte was analyzed for, but not detected above the associated method detection limit

J - The compound/analyte was positively identified; the reported value is the estimated concentration of the constituent detected in the sample analyzed

R - The reported sample results are rejected due to the following: 1. Severe deficiencies in the supporting quality control data, 2. Anomalies noted in the sampling and/or analysis process which could affect the validity of the reported data, 3. The presence or absence of the constituent cannot be verified based on the data provided, 4. To indicate not to use a particular result in the event of a reanalysis

UJ - The compound/analyte was analyzed for, but not detected above the established reporting limit. However, review and evaluation of supporting QC data and/or sampling and analysis process have indicated that the reporting limit may be inaccurate or imprecise. The nondetect result should be estimated

Table G-10a

Soil Background Results
Fort Des Moines Pistol Range

Location			177A008				177A009				177A010				177A011				177A012			
Sample Number			NWO-177-5001				NWO-177-5002				NWO-177-5003				NWO-177-5004				NWO-177-5005			
Sample Date			22-Jun-11				22-Jun-11				22-Jun-11				22-Jun-11				22-Jun-11			
Sample Depth (ft bgs)			0 to 0.17				0 to 0.17				0 to 0.17				0 to 0.17				0 to 0.17			
Sample Purpose			REG				REG				REG				REG				REG			
Fraction	**Parameter**	**Units**	**Result**	**PQL**	**MDL**	**VQ**	**Result**	**PQL**	**MDL**	**VQ**	**Result**	**PQL**	**MDL**	**VQ**	**Result**	**PQL**	**MDL**	**VQ**	**Result**	**PQL**	**MDL**	**VQ**
Metals	Aluminum	mg/kg	13600	88.5	1.37		11600	88.5	1.37		11600	84	1.3		12900	98	1.52		11900	90.9	1.41	
Metals	Antimony	mg/kg	0.0235	0.367	0.0128	J	0.0229	0.396	0.0139	J	0.0286	0.367	0.0128	J	0.0215	0.392	0.0137	J	0.0256	0.364	0.0127	J
Metals	Calcium	mg/kg	4220	177	12.5	J	37300	177	12.5		3650	168	11.8		16000	196	13.8		7150	182	12.8	
Metals	Copper	mg/kg	15.3	4.59	0.0652		13.6	4.95	0.0704		11.9	4.59	0.0652		21	4.9	0.0697		19	4.55	0.0646	
Metals	Iron	mg/kg	17100	142	3.36	J	14400	142	3.36		15200	134	3.19		30200	157	3.73		17600	145	3.45	
Metals	Lead	mg/kg	19.1	0.734	0.0167		12	0.792	0.018		20.5	0.734	0.0167		20.9	0.784	0.0178		17.8	0.727	0.0165	
Metals	Magnesium	mg/kg	2720	53.1	3.27	J	4000	53.1	3.27		2370	50.4	3.11		2920	58.8	3.63		3290	54.5	3.36	
Metals	Manganese	mg/kg	899	1.83	0.0303		780	1.98	0.0327		1100	1.83	0.0303		576	1.96	0.0324		780	1.82	0.03	
Metals	Zinc	mg/kg	61.7	4.59	0.29		45.4	4.95	0.313		59.4	4.59	0.29		186	4.9	0.31		67.6	4.55	0.287	

Notes:

ft - feet

bgs - below ground surface

REG - regular field sample

mg/kg - milligrams per kilogram

PQL - practical quantitation limit

MDL - method detection limit

VQ - validation qualifier

Validation Qualifier Definitions

U - Not detected. The compound/analyte was analyzed for, but not detected above the associated method detection limit

J - The compound/analyte was positively identified; the reported value is the estimated concentration of the constituent detected in the sample analyzed

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Table G-10a

Soil Background Results
Fort Des Moines Pistol Range

Location			177A013				177A014				177A015				177A016				177A017			
Sample Number			NWO-177-5006				NWO-177-5007				NWO-177-5008				NWO-177-5009				NWO-177-5010			
Sample Date			22-Jun-11				22-Jun-11				22-Jun-11				22-Jun-11				22-Jun-11			
Sample Depth (ft bgs)			0 to 0.17				0 to 0.17				0 to 0.17				0 to 0.17				0 to 0.17			
Sample Purpose			REG				REG				REG				REG				REG			
Fraction	**Parameter**	**Units**	**Result**	**PQL**	**MDL**	**VQ**	**Result**	**PQL**	**MDL**	**VQ**	**Result**	**PQL**	**MDL**	**VQ**	**Result**	**PQL**	**MDL**	**VQ**	**Result**	**PQL**	**MDL**	**VQ**
Metals	Aluminum	mg/kg	12500	98	1.52		11300	95.2	1.48		8640	90.9	1.41		10100	87	1.35		12400	94.3	1.46	
Metals	Antimony	mg/kg	0.0252	0.37	0.013	J	0.0357	0.388	0.0136	J	0.0577	0.37	0.013	J	0.0397	0.37	0.013	J	0.0422	0.37	0.013	J
Metals	Calcium	mg/kg	7510	196	13.8		6630	190	13.4		4320	182	12.8		3730	174	12.3		2750	189	13.3	
Metals	Copper	mg/kg	17	4.63	0.0658		17.2	4.85	0.069		17.9	4.63	0.0658		13.7	4.63	0.0658		17.9	4.63	0.0658	
Metals	Iron	mg/kg	16700	157	3.73		15800	152	3.62		12700	145	3.45		14200	139	3.3		15700	151	3.58	
Metals	Lead	mg/kg	19.2	0.741	0.0169		18.1	0.777	0.0177		33.6	0.741	0.0169		20.9	0.741	0.0169		34.7	0.741	0.0169	
Metals	Magnesium	mg/kg	3000	58.8	3.63		3100	57.1	3.52		1980	54.5	3.36		2130	52.2	3.22		2910	56.6	3.49	
Metals	Manganese	mg/kg	921	1.85	0.0306		929	1.94	0.032		1200	1.85	0.0306		1090	1.85	0.0306		702	1.85	0.0306	
Metals	Zinc	mg/kg	67.4	4.63	0.293		62.4	4.85	0.307		74.7	4.63	0.293		46.5	4.63	0.293		52.7	4.63	0.293	

Notes:

ft - feet

bgs - below ground surface

REG - regular field sample

mg/kg - milligrams per kilogram

PQL - practical quantitation limit

MDL - method detection limit

VQ - validation qualifier

Validation Qualifier Definitions

U - Not detected. The compound/analyte was analyzed for, but not detected above the associated method detection limit

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Table G-10b

Sediment Background Results
Fort Des Moines Pistol Range

Location			177A018			
Sample Number			NWO-177-5011			
Sample Date			22-Jun-11			
Sample Depth (ft bgs)			0 to 0.17			
Sample Purpose			REG			
Fraction	**Parameter**	**Units**	**Result**	**PQL**	**MDL**	**VQ**
Metals	Antimony	mg/kg	0.0566	0.392	0.0137	J
Metals	Copper	mg/kg	18.8	4.9	0.0697	
Metals	Lead	mg/kg	27.7	0.784	0.0178	
Metals	Zinc	mg/kg	82.5	4.9	0.31	

Notes:
ft - feet
bgs - below ground surface
mg/kg - milligrams per kilogram
REG - regular field sample
PQL - practical quantitation limit
MDL - method detection limit
VQ - validation qualifier

Validation Qualifier Definitions

U - Not detected. The compound/analyte was analyzed for, but not detected above the associated method detection limit

J - The compound/analyte was positively identified; the reported value is the estimated concentration of the constituent detected in the sample analyzed

R - The reported sample results are rejected due to the following: 1. Severe deficiencies in the supporting quality control data, 2. Anomalies noted in the sampling and/or analysis process which could affect the validity of the reported data, 3. The presence or absence of the constituent cannot be verified based on the data provided, 4. To indicate not to use a particular result in the event of a reanalysis

UJ - The compound/analyte was analyzed for, but not detected above the established reporting limit. However, review and evaluation of supporting QC data and/or sampling and analysis process have indicated that the reporting limit may be inaccurate or imprecise. The nondetect result should be estimated

Table G-10c

Surface Water Background Results
Fort Des Moines Pistol Range

Location				177A018			
Sample Number				NWO-177-6001			
Sample Date				22-Jun-11			
Sample Purpose				REG			
Fraction	**Parameter**	**Filtered**	**Units**	**Result**	**PQL**	**MDL**	**VQ**
Metals	Antimony	N	ug/L	0.21	12	0.14	J
Metals	Copper	N	ug/L	2.02	4	1.12	J
Metals	Lead	N	ug/L	0.783	6	0.36	J
Metals	Zinc	N	ug/L	5.76	40	4	J
Metals	Antimony	Y	ug/L	0.209	6	0.07	J
Metals	Copper	Y	ug/L	1.77	2	0.56	J
Metals	Lead	Y	ug/L	0.331	3	0.18	J
Metals	Zinc	Y	ug/L	3.14	20	2	J

Notes:
ug/L - micrograms per liter
REG - regular field sample
PQL - practical quantitation limit
MDL - method detection limit
VQ - validation qualifier

Validation Qualifier Definitions

U - Not detected. The compound/analyte was analyzed for, but not detected above the associated method detection limit

J - The compound/analyte was positively identified; the reported value is the estimated concentration of the constituent detected in the sample analyzed

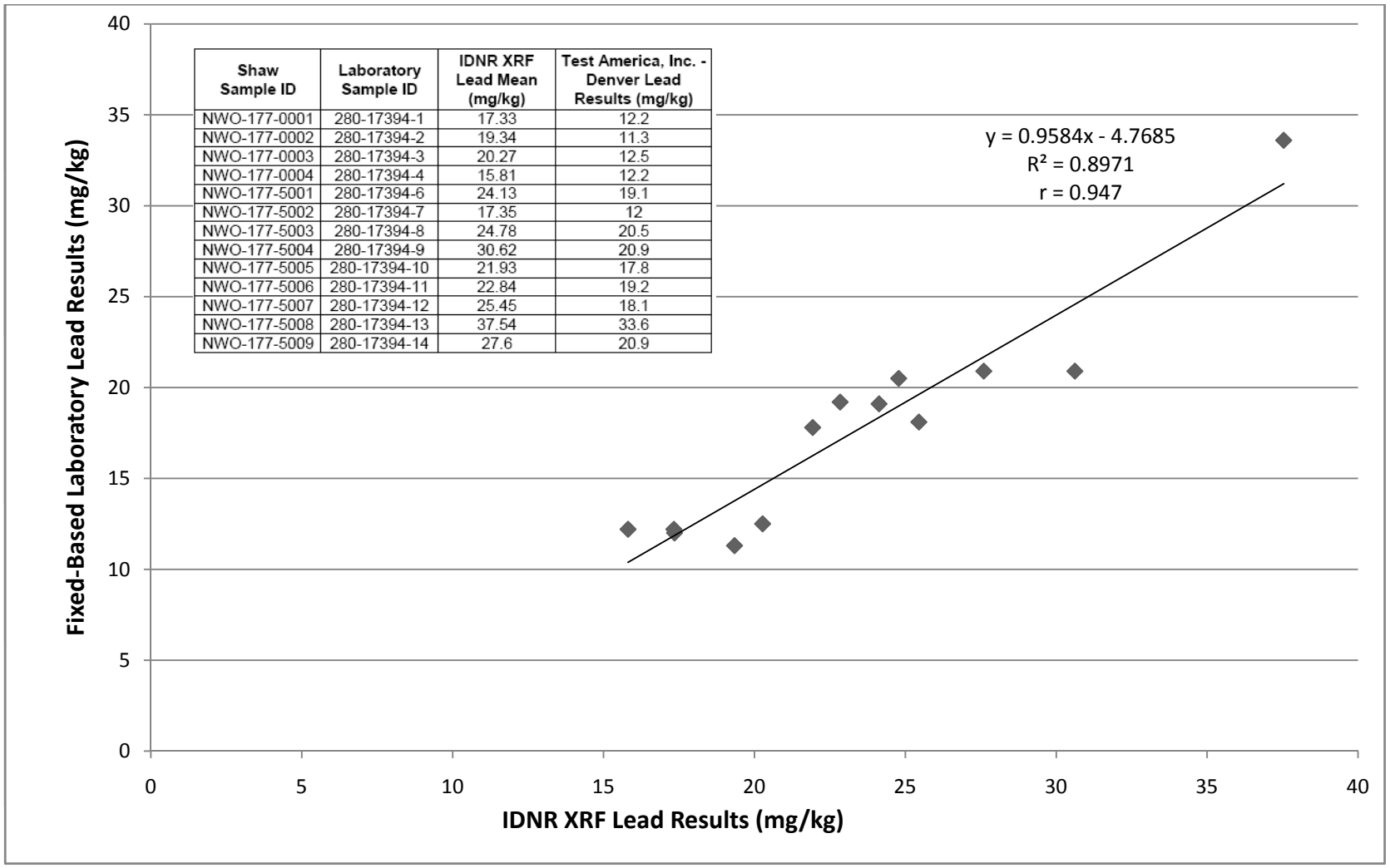
R - The reported sample results are rejected due to the following: 1. Severe deficiencies in the supporting quality control data, 2. Anomalies noted in the sampling and/or analysis process which could affect the validity of the reported data, 3. The presence or absence of the constituent cannot be verified based on the data provided, 4. To indicate not to use a particular result in the event of a reanalysis

UJ - The compound/analyte was analyzed for, but not detected above the established reporting limit. However, review and evaluation of supporting QC data and/or sampling and analysis process have indicated that the reporting limit may be inaccurate or imprecise. The nondetect result should be estimated

Figure G-11

Iowa Department of Natural Resources Lead XRF Results vs. Fixed-Based Laboratory Lead Results Linear Regression
Fort Des Moines Pistol Range

Shaw Sample ID	Laboratory Sample ID	IDNR XRF Lead Mean (mg/kg)	Test America, Inc. - Denver Lead Results (mg/kg)
NWO-177-0001	280-17394-1	17.33	12.2
NWO-177-0002	280-17394-2	19.34	11.3
NWO-177-0003	280-17394-3	20.27	12.5
NWO-177-0004	280-17394-4	15.81	12.2
NWO-177-5001	280-17394-6	24.13	19.1
NWO-177-5002	280-17394-7	17.35	12
NWO-177-5003	280-17394-8	24.78	20.5
NWO-177-5004	280-17394-9	30.62	20.9
NWO-177-5005	280-17394-10	21.93	17.8
NWO-177-5006	280-17394-11	22.84	19.2
NWO-177-5007	280-17394-12	25.45	18.1
NWO-177-5008	280-17394-13	37.54	33.6
NWO-177-5009	280-17394-14	27.6	20.9

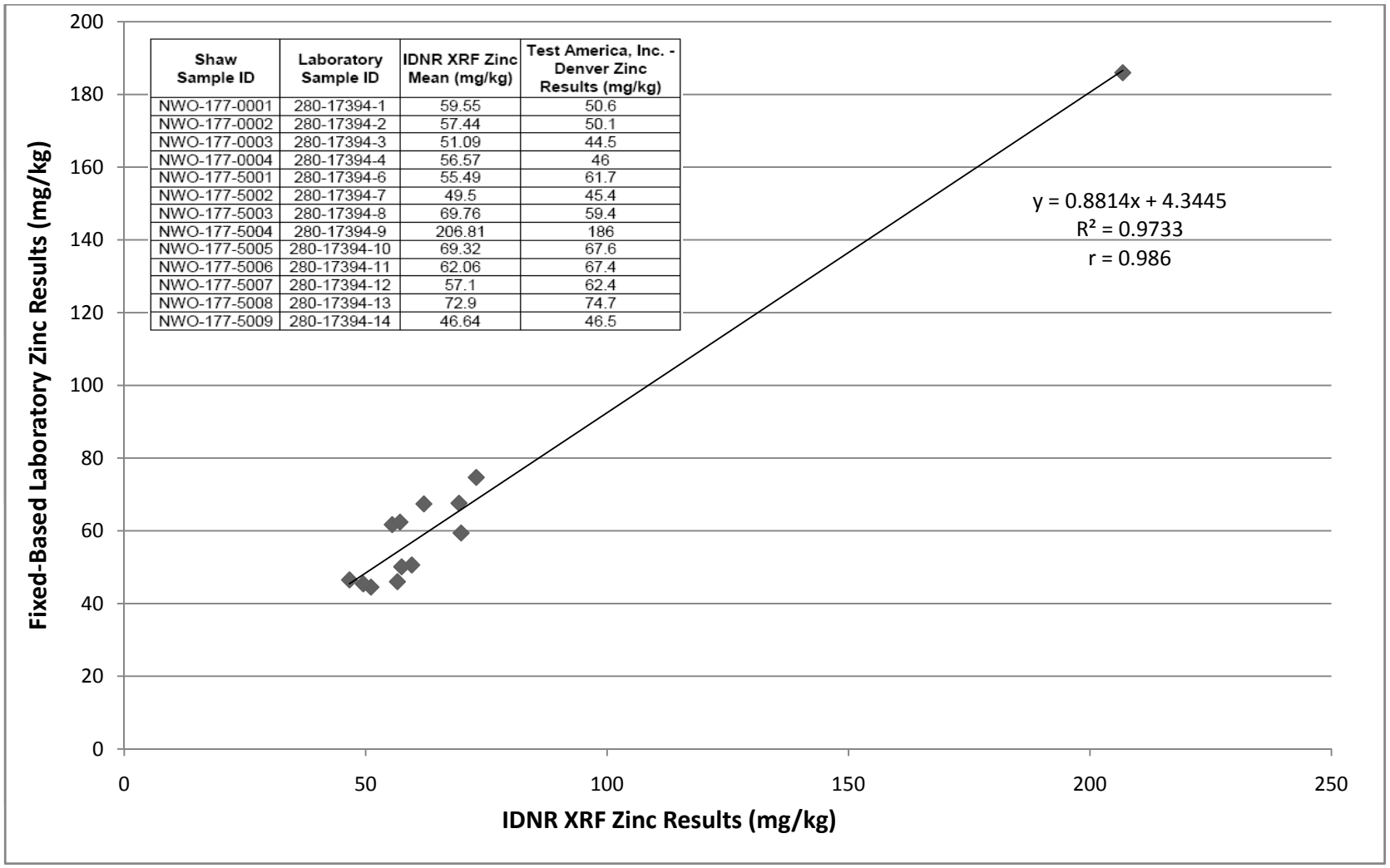


Notes:
IDNR - Iowa Department of Natural Resources
XRF - X-ray Fluorescence
ID - Identification
mg/kg - milligrams per kilogram
R^2 - coefficient of determination
r - correlation coefficient of regression

Figure G-11 1 of 1

Figure G-12

Iowa Department of Natural Resources Zinc XRF Results vs. Fixed-Based Laboratory Zinc Results Linear Regression
Fort Des Moines Pistol Range



Shaw Sample ID	Laboratory Sample ID	IDNR XRF Zinc Mean (mg/kg)	Test America, Inc. - Denver Zinc Results (mg/kg)
NWO-177-0001	280-17394-1	59.55	50.6
NWO-177-0002	280-17394-2	57.44	50.1
NWO-177-0003	280-17394-3	51.09	44.5
NWO-177-0004	280-17394-4	56.57	46
NWO-177-5001	280-17394-6	55.49	61.7
NWO-177-5002	280-17394-7	49.5	45.4
NWO-177-5003	280-17394-8	69.76	59.4
NWO-177-5004	280-17394-9	206.81	186
NWO-177-5005	280-17394-10	69.32	67.6
NWO-177-5006	280-17394-11	62.06	67.4
NWO-177-5007	280-17394-12	57.1	62.4
NWO-177-5008	280-17394-13	72.9	74.7
NWO-177-5009	280-17394-14	46.64	46.5

Notes:
IDNR - Iowa Department of Natural Resources
XRF - X-ray Fluorescence
ID - Identification
mg/kg - milligrams per kilogram
R^2 - coefficient of determination
r - correlation coefficient of regression

Figure G-12 1 of 1

ATTACHMENT 1

Iowa Department of Natural Resources Split Sample Results, Fort Des Moines, FUDS Property No. B07IA0729, Polk County, Iowa

Fields of Opportunities

STATE OF IOWA

TERRY E. BRANSTAD, GOVERNOR
KIM REYNOLDS, LT. GOVERNOR

DEPARTMENT OF NATURAL RESOURCES
ROGER L. LANDE, DIRECTOR

June 30, 2011

John Miller
U.S. Army Corps of Engineers, NWO
Attn. CENWO-PM-HA
1616 Capitol Avenue
Omaha, Nebraska 68102-1620

Re: Split Sample Results, Fort Des Moines, FUDS Property No. B07IA0729
Polk County, Iowa

Dear Mr. Miller

The Iowa Department of Natural Resources, Contaminated Sites Section (IDNR), has analyzed the split soil samples collected during the field work at the Fort Des Moines Pistol Range on June 22, 2011. The analysis was done utilizing EPA method 6200 and a NITON XLt 793WY X-ray Fluorescence Metal Analyzer with the results representing total metals. The results for the 13 split samples are attached.

During field work actions the geophysical and visual survey showed no indication of lead projectiles at the back stop or shell casings at the firing line. Discussions between Shaw's field staff and IDNR concluded reclamation efforts must have taken place at the site most likely during World War II to help support the war efforts. In any case, sample analysis indicates no lead or antimony exists at the site above background levels.

If you have any questions or need further information please feel free to call or e-mail at (515) 281-4171 or dan.cook@dnr.iowa.gov.

Sincerely,

Daniel Cook
Environmental Specialist Senior
Contaminated Sites Section

att: Site Specific Work Plan Split Sample Results

c: Greg Sisco Shaw Environmental Inc., 312 Directors Drive, Knoxville, Tennessee 37923

Iowa DNR Field Office 5

502 EAST 9th STREET / DES MOINES, IOWA 50319-0034
PHONE 515-281-5918 FAX 515-281-8895 www.iowadnr.gov

Site Specific Work Plan Split Sample Results

Fort Des Moines Pistol Range (FUDS Property No. B07IA0729)

Des Moines, Polk County, Iowa

NITON XRF Metals Analysis Method EPA 6200 (Modified) in mg/kg

Shallow Soil Samples (0-6 inches) Average of Four Runs

	*Antimony (Sb)	Tin (Sn)	*Cadmium (Cd)	Silver (Ag)	Strontium (Sr)	Rubidium (Rb)	Lead (Pb)	Selenium (Se)	*Arsenic (As)	Mercury (Hg)	Zinc (Zn)	Copper (Cu)	Nickel (Ni)	Cobalt (Co)	Iron (Fe)	Manganese (Mn)	Chromium (Cr)	Vanadium (V)	Titanium (Ti)	Scandium (Sc)	Calcium (Ca)	Potassium (K)
Statewide Standard	31.00	NL	39.00	390.00	47,000.00	NL	400.00	390.00	1.40	32.00	23,000.00	NL	1,600.00	NL	NL	11,000.00	230.00	550.00	NL	NL	NL	NL
Detection Limit	40.0	20.0	40.0	40.0	20.0	15.0	10.0	5.0	5.0	5.0	20.0	20.0	20.0	200.0	200.0	200.0	20.0	100.0	200.0	20.0	200.0	200.0
NWO-177-5001	< LOD	< LOD	< LOD	< LOD	112.72	75.05	26.62	< LOD	9.15	5.00	56.26	< LOD	< LOD	< LOD	18,957.31	748.00	80.54	248.60	4,055.12	< LOD	6,399.75	18,398.97
	< LOD	< LOD	< LOD	< LOD	112.72	75.36	26.30	< LOD	9.66	5.00	51.97	< LOD	< LOD	< LOD	19,298.18	662.51	45.08	225.24	3,883.68	< LOD	6,249.32	18,351.03
	< LOD	< LOD	< LOD	< LOD	113.23	69.30	22.30	< LOD	10.46	7.27	52.91	< LOD	< LOD	< LOD	19,281.66	740.75	89.37	221.08	3,874.00	< LOD	6,502.68	18,506.26
	< LOD	< LOD	< LOD	< LOD	108.84	69.04	21.29	< LOD	13.38	6.16	60.83	< LOD	< LOD	< LOD	19,527.35	796.62	77.96	218.88	4,046.02	< LOD	6,566.32	18,388.18
Average	< LOD	< LOD	< LOD	< LOD	111.88	72.19	24.13	< LOD	**10.66**	5.86	55.49	< LOD	< LOD	< LOD	19,266.13	736.97	73.24	228.45	3,964.71	< LOD	6,429.52	18,411.11
NWO-177-5002	40.00	< LOD	< LOD	< LOD	181.08	59.99	21.87	< LOD	5.00	5.00	49.22	< LOD	< LOD	< LOD	16,372.03	662.97	36.76	183.77	3,214.48	20.00	48,864.64	16,447.63
	40.00	< LOD	< LOD	< LOD	178.31	54.94	15.06	< LOD	5.00	8.71	51.98	< LOD	< LOD	< LOD	16,310.97	683.54	70.37	100.00	3,263.77	20.00	49,462.39	16,390.83
	53.44	< LOD	< LOD	< LOD	185.49	62.20	14.51	< LOD	5.00	5.00	47.26	< LOD	< LOD	< LOD	16,873.15	707.70	48.87	100.00	3,225.86	20.00	49,758.13	16,395.58
	40.00	< LOD	< LOD	< LOD	182.88	55.43	17.96	< LOD	8.28	5.00	49.54	< LOD	< LOD	< LOD	16,652.74	633.86	58.05	255.65	3,300.43	73.74	49,827.85	16,604.36
Average	**43.36**	< LOD	< LOD	< LOD	181.94	58.14	17.35	< LOD	**5.82**	5.93	49.50	< LOD	< LOD	< LOD	16,552.22	672.02	53.51	159.86	3,251.14	33.44	49,478.25	16,459.60
NWO-177-5003	< LOD	< LOD	< LOD	< LOD	105.88	75.29	24.04	< LOD	9.20	7.04	53.29	31.27	52.50	< LOD	16,614.05	688.17	67.56	< LOD	4,014.82	20.00	6,154.24	18,636.75
	< LOD	< LOD	< LOD	< LOD	102.65	73.60	21.75	< LOD	9.51	5.00	70.39	20.00	20.00	< LOD	16,366.66	661.15	66.46	< LOD	3,995.58	34.35	6,207.99	18,330.29
	< LOD	< LOD	< LOD	< LOD	106.18	77.02	33.40	< LOD	5.00	5.00	77.90	20.00	20.00	< LOD	16,794.95	686.80	83.16	< LOD	4,003.79	20.00	5,907.29	18,668.75
	< LOD	< LOD	< LOD	< LOD	106.00	74.56	19.93	< LOD	9.20	5.00	77.46	20.00	20.00	< LOD	16,223.97	682.64	61.90	< LOD	4,045.71	20.00	6,374.50	18,430.25
Average	< LOD	< LOD	< LOD	< LOD	105.18	75.12	24.78	< LOD	**8.23**	5.51	69.76	22.82	28.13	< LOD	16,499.91	679.69	69.77	< LOD	4,014.98	23.59	6,161.01	18,516.51
NWO-177-5004	< LOD	< LOD	< LOD	< LOD	117.88	65.04	30.13	5.00	9.21	8.54	210.25	< LOD	20.00	200.00	40,305.64	645.91	68.11	229.48	4,015.43	56.66	17,713.49	16,903.57
	< LOD	< LOD	< LOD	< LOD	122.08	64.67	29.60	5.00	12.31	5.00	184.92	< LOD	20.00	410.64	41,253.24	515.69	49.29	301.76	4,073.69	20.00	17,908.25	16,432.93
	< LOD	< LOD	< LOD	< LOD	124.28	59.09	28.36	5.00	11.89	7.40	220.65	< LOD	60.61	200.00	41,938.77	632.63	54.89	100.00	3,974.79	49.92	17,987.63	16,791.77
	< LOD	< LOD	< LOD	< LOD	128.47	63.88	34.37	5.68	5.00	9.34	211.40	< LOD	72.53	200.00	43,054.04	590.28	75.37	100.00	3,882.08	20.00	17,741.82	16,691.04
Average	< LOD	< LOD	< LOD	< LOD	123.18	63.17	30.62	5.17	**9.60**	7.57	206.81	< LOD	43.29	252.66	41,637.92	596.13	61.92	182.81	3,986.50	36.65	17,837.80	16,704.83
NWO-177-5005	< LOD	< LOD	< LOD	< LOD	132.30	69.54	18.04	< LOD	10.59	5.00	67.14	< LOD	< LOD	200.00	21,530.96	748.92	53.92	354.28	3,713.88	35.48	10,540.72	17,797.33
	< LOD	< LOD	< LOD	< LOD	130.83	65.00	21.19	< LOD	5.00	5.00	75.38	< LOD	< LOD	200.00	21,953.42	607.99	67.50	100.00	3,664.15	20.00	10,798.29	17,876.66
	< LOD	< LOD	< LOD	< LOD	132.00	61.28	23.26	< LOD	13.62	6.65	58.48	< LOD	< LOD	200.85	20,882.99	637.85	61.75	324.86	3,646.75	20.00	10,665.69	17,811.13
	< LOD	< LOD	< LOD	< LOD	135.51	65.31	25.21	< LOD	8.13	5.00	76.27	< LOD	< LOD	200.00	20,993.73	567.76	89.82	219.69	3,697.88	20.00	10,547.23	17,195.05
Average	< LOD	< LOD	< LOD	< LOD	132.66	65.28	21.93	< LOD	**9.34**	5.41	69.32	< LOD	< LOD	200.21	21,340.28	640.63	68.25	249.71	3,680.67	23.87	10,637.98	17,670.04
NWO-177-5006	40.00	< LOD	< LOD	< LOD	113.77	69.05	21.99	< LOD	9.63	7.11	55.27	< LOD	62.46	200.00	19,403.97	765.40	61.63	183.99	3,750.07	< LOD	10,211.77	18,090.44
	40.00	< LOD	< LOD	< LOD	108.75	65.24	23.16	< LOD	5.00	5.00	65.89	< LOD	54.06	200.00	19,450.13	723.89	47.47	100.00	3,851.71	< LOD	10,467.89	18,058.81
	40.00	< LOD	< LOD	< LOD	115.55	64.49	24.23	< LOD	14.00	7.22	64.20	< LOD	20.00	212.31	19,814.13	687.06	79.17	197.62	3,860.93	< LOD	10,375.55	18,047.10
	56.14	< LOD	< LOD	< LOD	115.19	71.02	21.98	< LOD	8.84	5.00	62.89	< LOD	20.00	200.00	19,652.10	730.44	67.28	216.29	3,687.46	< LOD	10,610.29	18,280.56
Average	**44.04**	< LOD	< LOD	< LOD	113.32	67.45	22.84	< LOD	**9.37**	6.08	62.06	< LOD	39.13	203.08	19,580.08	726.70	63.89	174.48	3,787.54	< LOD	10,416.38	18,119.23
NWO-177-5007	40.00	< LOD	< LOD	< LOD	116.64	66.98	25.33	< LOD	8.42	5.00	54.31	< LOD	20.00	< LOD	18,857.77	821.39	68.97	100.00	3,903.47	20.00	9,044.88	18,647.33
	40.00	< LOD	< LOD	< LOD	126.46	67.43	27.52	< LOD	5.00	7.84	57.78	< LOD	74.06	< LOD	19,517.87	718.56	62.12	290.41	3,941.29	20.00	9,100.30	18,281.07
	51.04	< LOD	< LOD	< LOD	121.25	64.42	22.56	< LOD	8.56	5.00	62.87	< LOD	20.00	< LOD	18,853.66	730.34	71.81	240.87	3,944.73	33.09	9,053.65	18,258.37
	40.00	< LOD	< LOD	< LOD	114.82	73.20	26.38	< LOD	12.24	5.00	53.45	< LOD	20.00	< LOD	18,788.08	765.43	53.84	304.99	4,048.11	20.00	9,506.75	18,300.27
Average	**42.76**	< LOD	< LOD	< LOD	119.79	68.01	25.45	< LOD	**8.56**	5.71	57.10	< LOD	33.52	< LOD	19,004.35	758.93	64.19	234.07	3,959.40	23.27	9,176.40	18,371.76

	*Antimony (Sb)	Tin (Sn)	*Cadmium (Cd)	Silver (Ag)	Strontium (Sr)	Rubidium (Rb)	Lead (Pb)	Selenium (Se)	*Arsenic (As)	Mercury (Hg)	Zinc (Zn)	Copper (Cu)	Nickel (Ni)	Cobalt (Co)	Iron (Fe)	Manganese (Mn)	Chromium (Cr)	Vanadium (V)	Titanium (Ti)	Scandium (Sc)	Calcium (Ca)	Potassium (K)
Statewide Standard	31.00	NL	39.00	390.00	47,000.00	NL	400.00	390.00	1.40	32.00	23,000.00	NL	1,600.00	NL	NL	11,000.00	230.00	550.00	NL	NL	NL	NL
Detection Limit	40.0	20.0	40.0	40.0	20.0	15.0	10.0	5.0	5.0	5.0	20.0	20.0	20.0	200.0	200.0	200.0	20.0	100.0	200.0	20.0	200.0	200.0
NWO-177-5008	< LOD	< LOD	< LOD	< LOD	123.36	61.89	42.84	5.00	5.00	5.00	76.87	< LOD	< LOD	200.00	14,824.04	935.59	50.49	246.22	4,084.37	< LOD	7,535.71	17,661.90
	< LOD	< LOD	< LOD	< LOD	117.42	64.79	38.47	5.00	5.00	5.00	78.79	< LOD	< LOD	200.00	14,637.44	873.08	68.32	100.00	4,062.66	< LOD	7,466.19	18,298.66
	< LOD	< LOD	< LOD	< LOD	131.99	64.87	34.27	4.81	14.83	7.68	70.93	< LOD	< LOD	200.00	14,863.60	969.71	45.28	179.34	4,094.70	< LOD	7,443.00	17,940.97
	< LOD	< LOD	< LOD	< LOD	119.16	60.71	34.58	5.00	12.98	6.24	65.01	< LOD	< LOD	217.73	14,455.78	804.34	20.00	100.00	4,184.42	< LOD	7,601.47	18,120.26
Average	< LOD	< LOD	< LOD	< LOD	122.98	63.07	37.54	4.95	**9.45**	5.98	72.90	< LOD	< LOD	204.43	14,695.22	895.68	46.02	156.39	4,106.54	< LOD	7,511.59	18,005.45
NWO-177-5009	40.00	< LOD	< LOD	< LOD	122.45	67.58	23.15	< LOD	10.71	5.00	53.32	< LOD	20.00	< LOD	16,402.89	769.07	80.91	255.19	4,181.22	20.00	6,351.30	17,974.07
	40.00	< LOD	< LOD	< LOD	127.12	64.63	32.36	< LOD	5.00	5.00	31.30	< LOD	20.00	< LOD	16,353.13	733.58	65.73	200.51	4,272.33	32.40	6,483.01	17,652.66
	40.00	< LOD	< LOD	< LOD	121.32	64.25	26.75	< LOD	7.85	8.46	50.36	< LOD	57.75	< LOD	16,287.34	773.83	70.62	259.99	4,312.37	20.00	6,709.14	17,681.78
	53.44	< LOD	< LOD	< LOD	125.72	67.62	28.12	< LOD	5.00	5.00	51.59	< LOD	55.75	< LOD	16,798.72	744.94	74.33	222.72	4,177.59	20.00	6,419.63	17,599.72
Average	**43.36**	< LOD	< LOD	< LOD	124.15	66.02	27.60	< LOD	**7.14**	5.87	46.64	< LOD	38.38	< LOD	16,460.52	755.36	72.90	234.60	4,235.88	23.10	6,490.77	17,727.06
NWO-177-0001	40.00	< LOD	< LOD	< LOD	146.19	64.00	14.52	< LOD	10.73	7.74	51.88	< LOD	56.63	< LOD	19,866.76	517.88	83.12	248.28	4,132.84	20.00	7,312.73	17,999.93
	40.00	< LOD	< LOD	< LOD	149.15	59.21	18.64	< LOD	5.00	5.00	53.49	< LOD	20.00	< LOD	19,844.92	543.85	90.21	100.00	4,241.43	20.00	7,286.32	17,616.09
	40.00	< LOD	< LOD	< LOD	143.46	60.66	16.64	< LOD	10.08	5.00	67.86	< LOD	20.00	< LOD	19,545.44	543.88	117.01	100.00	4,336.60	40.14	7,222.94	17,773.08
	73.59	< LOD	< LOD	< LOD	150.77	65.78	19.52	< LOD	11.54	6.62	64.96	< LOD	59.44	< LOD	20,209.13	562.31	83.53	327.69	4,251.66	37.84	7,052.66	18,254.31
Average	**48.40**	< LOD	< LOD	< LOD	147.39	62.41	17.33	< LOD	**9.34**	6.09	59.55	< LOD	39.02	< LOD	19,866.56	541.98	93.47	193.99	4,240.63	29.50	7,218.66	17,910.85
NWO-177-0002	< LOD	< LOD	< LOD	< LOD	129.34	66.10	16.57	< LOD	10.24	5.00	56.19	< LOD	< LOD	< LOD	21,085.09	583.74	55.65	201.70	4,488.40	< LOD	7,055.70	18,838.04
	< LOD	< LOD	< LOD	< LOD	129.78	64.74	15.95	< LOD	12.65	5.00	52.07	< LOD	< LOD	< LOD	21,619.85	606.08	49.40	100.00	4,325.70	< LOD	6,781.85	18,019.10
	< LOD	< LOD	< LOD	< LOD	125.43	65.33	23.42	< LOD	5.00	5.00	57.92	< LOD	< LOD	< LOD	21,358.20	539.90	20.00	234.80	4,465.21	< LOD	6,883.55	18,450.64
	< LOD	< LOD	< LOD	< LOD	121.71	63.64	21.40	< LOD	7.97	8.32	63.57	< LOD	< LOD	< LOD	20,850.80	358.64	68.24	280.27	4,413.76	< LOD	6,653.20	18,253.19
Average	< LOD	< LOD	< LOD	< LOD	126.57	64.95	19.34	< LOD	**8.97**	5.83	57.44	< LOD	< LOD	< LOD	21,228.49	522.09	48.32	204.19	4,423.27	< LOD	6,843.58	18,390.24
NWO-177-0003	< LOD	< LOD	< LOD	< LOD	124.94	62.54	22.73	< LOD	5.00	5.00	45.68	< LOD	< LOD	< LOD	19,626.88	574.65	57.31	< LOD	4,563.53	< LOD	6,411.07	17,382.89
	< LOD	< LOD	< LOD	< LOD	119.01	67.51	14.66	< LOD	10.63	5.00	53.66	< LOD	< LOD	< LOD	19,680.38	468.90	36.68	< LOD	4,668.74	< LOD	6,578.04	17,250.48
	< LOD	< LOD	< LOD	< LOD	118.17	61.61	20.82	< LOD	5.00	7.62	43.74	< LOD	< LOD	< LOD	19,224.79	589.03	42.35	< LOD	4,577.43	< LOD	6,486.59	17,077.58
	< LOD	< LOD	< LOD	< LOD	127.38	62.62	22.87	< LOD	9.62	5.00	61.28	< LOD	< LOD	< LOD	19,497.50	553.96	62.27	< LOD	4,734.92	< LOD	6,658.71	17,349.47
Average	< LOD	< LOD	< LOD	< LOD	122.38	63.57	20.27	< LOD	**7.56**	5.66	51.09	< LOD	< LOD	< LOD	19,507.39	546.64	49.65	< LOD	4,636.16	< LOD	6,533.60	17,265.11
NWO-177-0004	< LOD	< LOD	< LOD	< LOD	133.97	61.84	18.39	< LOD	11.64	5.00	54.92	< LOD	20.00	216.63	18,786.44	584.34	67.76	207.13	4,347.85	20.00	6,798.65	18,090.78
	< LOD	< LOD	< LOD	< LOD	131.50	58.61	13.95	< LOD	12.04	8.01	58.31	< LOD	20.00	200.00	18,678.41	577.83	56.46	251.10	4,445.79	36.66	6,586.07	17,841.56
	< LOD	< LOD	< LOD	< LOD	134.19	63.15	14.92	< LOD	13.50	5.00	58.90	< LOD	20.00	200.00	18,626.27	570.94	58.25	100.00	4,400.85	20.00	6,642.74	17,554.78
	< LOD	< LOD	< LOD	< LOD	137.16	65.72	15.99	< LOD	12.28	5.00	54.16	< LOD	57.91	200.00	19,166.24	573.78	67.41	214.10	4,502.61	31.05	6,655.02	18,112.02
Average	< LOD	< LOD	< LOD	< LOD	134.21	62.33	15.81	< LOD	**12.37**	5.75	56.57	< LOD	29.48	204.16	18,814.34	576.72	62.47	193.08	4,424.28	26.93	6,670.62	17,899.79

All values in mg/kg.

<LOD - Limit of Detection, metal below the XRF detection limit for the 90 second test duration.

Statewide Standard - Soil standard from IAC-567-137, the Iowa Land Recycling Program.

NL - Metal not listed in the Iowa Land Recycling Program Statewide Standards for Soils.

Bold Numbers - Exceed the Statewide Standard.

Detection Limit - Detection limit for the NITON Model XLt 793WY X-ray Fluorescence Metal Analyzer.

Numbers in red were below NITON detection limit (<LOD) but replaced with detection limit for averaging purpose.

*Limit of Detection exceeds the Statewide Standard

All samples colleced on June 22, 2011

ATTACHMENT 2

Summary of Analytical Results

Attachment 2

Summary of Analytical Results
Fort Des Moines Pistol Range

Location ID	Sample Number	Sample Date	Sample Type	Start Depth (ft)	End Depth (ft)	Sample Purpose	Fraction	CAS No.	Parameter	Result	PQL	MDL	Units	LQ	VQ	R1	R2	R3	Filtered	Dilution Factor
177A001	NWO-177-0001	22-Jun-11	SS	0	0.17	REG	Metals	7429-90-5	Aluminum	11500	90.1	1.4	mg/kg						N	1
177A001	NWO-177-0001	22-Jun-11	SS	0	0.17	REG	Metals	7440-36-0	Antimony	0.0244	0.396	0.0139	mg/kg	J Q	J	15			N	1
177A001	NWO-177-0001	22-Jun-11	SS	0	0.17	REG	Metals	7440-70-2	Calcium	3690	180	12.7	mg/kg						N	1
177A001	NWO-177-0001	22-Jun-11	SS	0	0.17	REG	Metals	7440-50-8	Copper	13.1	4.95	0.0704	mg/kg						N	1
177A001	NWO-177-0001	22-Jun-11	SS	0	0.17	REG	Metals	7439-89-6	Iron	16300	144	3.42	mg/kg	J					N	1
177A001	NWO-177-0001	22-Jun-11	SS	0	0.17	REG	Metals	7439-92-1	Lead	12.2	0.792	0.018	mg/kg						N	1
177A001	NWO-177-0001	22-Jun-11	SS	0	0.17	REG	Metals	7439-95-4	Magnesium	3180	54.1	3.33	mg/kg						N	1
177A001	NWO-177-0001	22-Jun-11	SS	0	0.17	REG	Metals	7439-96-5	Manganese	595	1.98	0.0327	mg/kg						N	1
177A001	NWO-177-0001	22-Jun-11	SS	0	0.17	REG	Metals	7440-66-6	Zinc	50.6	4.95	0.313	mg/kg						N	1
177A001	NWO-177-0005	22-Jun-11	SS	0	0.17	FD	Metals	7429-90-5	Aluminum	11400	96.2	1.49	mg/kg						N	1
177A001	NWO-177-0005	22-Jun-11	SS	0	0.17	FD	Metals	7440-36-0	Antimony	0.0226	0.374	0.0131	mg/kg	J Q	J	15			N	1
177A001	NWO-177-0005	22-Jun-11	SS	0	0.17	FD	Metals	7440-70-2	Calcium	3650	192	13.6	mg/kg						N	1
177A001	NWO-177-0005	22-Jun-11	SS	0	0.17	FD	Metals	7440-50-8	Copper	15.1	4.67	0.0664	mg/kg						N	1
177A001	NWO-177-0005	22-Jun-11	SS	0	0.17	FD	Metals	7439-89-6	Iron	16700	154	3.65	mg/kg	J					N	1
177A001	NWO-177-0005	22-Jun-11	SS	0	0.17	FD	Metals	7439-92-1	Lead	13.5	0.748	0.017	mg/kg						N	1
177A001	NWO-177-0005	22-Jun-11	SS	0	0.17	FD	Metals	7439-95-4	Magnesium	3130	57.7	3.56	mg/kg						N	1
177A001	NWO-177-0005	22-Jun-11	SS	0	0.17	FD	Metals	7439-96-5	Manganese	659	1.87	0.0308	mg/kg						N	1
177A001	NWO-177-0005	22-Jun-11	SS	0	0.17	FD	Metals	7440-66-6	Zinc	58.6	4.67	0.295	mg/kg						N	1
177A002	NWO-177-0002	22-Jun-11	SS	0	0.17	REG	Metals	7429-90-5	Aluminum	12200	87	1.35	mg/kg						N	1
177A002	NWO-177-0002	22-Jun-11	SS	0	0.17	REG	Metals	7440-36-0	Antimony	0.0186	0.388	0.0136	mg/kg	J Q	J	15			N	1
177A002	NWO-177-0002	22-Jun-11	SS	0	0.17	REG	Metals	7440-70-2	Calcium	3600	174	12.3	mg/kg						N	1
177A002	NWO-177-0002	22-Jun-11	SS	0	0.17	REG	Metals	7440-50-8	Copper	18	4.85	0.069	mg/kg						N	1
177A002	NWO-177-0002	22-Jun-11	SS	0	0.17	REG	Metals	7439-89-6	Iron	18600	139	3.3	mg/kg	J					N	1
177A002	NWO-177-0002	22-Jun-11	SS	0	0.17	REG	Metals	7439-92-1	Lead	11.3	0.777	0.0177	mg/kg						N	1
177A002	NWO-177-0002	22-Jun-11	SS	0	0.17	REG	Metals	7439-95-4	Magnesium	3390	52.2	3.22	mg/kg						N	1
177A002	NWO-177-0002	22-Jun-11	SS	0	0.17	REG	Metals	7439-96-5	Manganese	519	1.94	0.032	mg/kg						N	1
177A002	NWO-177-0002	22-Jun-11	SS	0	0.17	REG	Metals	7440-66-6	Zinc	50.1	4.85	0.307	mg/kg						N	1
177A003	NWO-177-0003	22-Jun-11	SS	0	0.17	REG	Metals	7429-90-5	Aluminum	11400	87.7	1.36	mg/kg						N	1
177A003	NWO-177-0003	22-Jun-11	SS	0	0.17	REG	Metals	7440-36-0	Antimony	0.0193	0.396	0.0139	mg/kg	J Q	J	15			N	1
177A003	NWO-177-0003	22-Jun-11	SS	0	0.17	REG	Metals	7440-70-2	Calcium	3480	175	12.4	mg/kg						N	1
177A003	NWO-177-0003	22-Jun-11	SS	0	0.17	REG	Metals	7440-50-8	Copper	11	4.95	0.0704	mg/kg						N	1
177A003	NWO-177-0003	22-Jun-11	SS	0	0.17	REG	Metals	7439-89-6	Iron	17300	140	3.33	mg/kg	J					N	1
177A003	NWO-177-0003	22-Jun-11	SS	0	0.17	REG	Metals	7439-92-1	Lead	12.5	0.792	0.018	mg/kg						N	1
177A003	NWO-177-0003	22-Jun-11	SS	0	0.17	REG	Metals	7439-95-4	Magnesium	3000	52.6	3.25	mg/kg						N	1
177A003	NWO-177-0003	22-Jun-11	SS	0	0.17	REG	Metals	7439-96-5	Manganese	543	1.98	0.0327	mg/kg						N	1
177A003	NWO-177-0003	22-Jun-11	SS	0	0.17	REG	Metals	7440-66-6	Zinc	44.5	4.95	0.313	mg/kg						N	1
177A004	NWO-177-0004	22-Jun-11	SS	0	0.17	REG	Metals	7429-90-5	Aluminum	10700	88.5	1.37	mg/kg						N	1
177A004	NWO-177-0004	22-Jun-11	SS	0	0.17	REG	Metals	7440-36-0	Antimony	0.0179	0.4	0.014	mg/kg	J Q	J	15			N	1
177A004	NWO-177-0004	22-Jun-11	SS	0	0.17	REG	Metals	7440-70-2	Calcium	3450	177	12.5	mg/kg						N	1
177A004	NWO-177-0004	22-Jun-11	SS	0	0.17	REG	Metals	7440-50-8	Copper	11.7	5	0.0711	mg/kg						N	1
177A004	NWO-177-0004	22-Jun-11	SS	0	0.17	REG	Metals	7439-89-6	Iron	15900	142	3.36	mg/kg	J					N	1
177A004	NWO-177-0004	22-Jun-11	SS	0	0.17	REG	Metals	7439-92-1	Lead	12.2	0.8	0.0182	mg/kg						N	1
177A004	NWO-177-0004	22-Jun-11	SS	0	0.17	REG	Metals	7439-95-4	Magnesium	2800	53.1	3.27	mg/kg						N	1
177A004	NWO-177-0004	22-Jun-11	SS	0	0.17	REG	Metals	7439-96-5	Manganese	550	2	0.033	mg/kg						N	1

Summary of Analytical Results
Fort Des Moines Pistol Range

Location ID	Sample Number	Sample Date	Sample Type	Start Depth (ft)	End Depth (ft)	Sample Purpose	Fraction	CAS No.	Parameter	Result	PQL	MDL	Units	LQ	VQ	R1	R2	R3	Filtered	Dilution Factor
177A004	NWO-177-0004	22-Jun-11	SS	0	0.17	REG	Metals	7440-66-6	Zinc	46	5	0.316	mg/kg						N	1
177A005	NWO-177-1001	22-Jun-11	SD	0	0.17	REG	Metals	7440-36-0	Antimony	0.0399	0.385	0.0135	mg/kg	J Q	J	15			N	1
177A005	NWO-177-1001	22-Jun-11	SD	0	0.17	REG	Metals	7440-50-8	Copper	14.6	4.81	0.0684	mg/kg						N	1
177A005	NWO-177-1001	22-Jun-11	SD	0	0.17	REG	Metals	7439-92-1	Lead	33.4	0.769	0.0175	mg/kg						N	1
177A005	NWO-177-1001	22-Jun-11	SD	0	0.17	REG	Metals	7440-66-6	Zinc	51.6	4.81	0.304	mg/kg						N	1
177A005	NWO-177-2001	22-Jun-11	SW	---	---	REG	Metals	7440-36-0	Antimony	0.104	6	0.07	ug/L	J Q	J	15			Y	1
177A005	NWO-177-2001	22-Jun-11	SW	---	---	REG	Metals	7440-50-8	Copper	1.78	2	0.56	ug/L	J	J	15			Y	1
177A005	NWO-177-2001	22-Jun-11	SW	---	---	REG	Metals	7439-92-1	Lead	2.72	3	0.18	ug/L	J	J	15			Y	1
177A005	NWO-177-2001	22-Jun-11	SW	---	---	REG	Metals	7440-66-6	Zinc	6.23	20	2	ug/L	J	J	15			Y	1
177A005	NWO-177-2001	22-Jun-11	SW	---	---	REG	Metals	7440-36-0	Antimony	0.0884	6	0.07	ug/L	J Q	J	15			N	1
177A005	NWO-177-2001	22-Jun-11	SW	---	---	REG	Metals	7440-50-8	Copper	1.86	2	0.56	ug/L	J	J	15			N	1
177A005	NWO-177-2001	22-Jun-11	SW	---	---	REG	Metals	7439-92-1	Lead	2.68	3	0.18	ug/L	J	J	15			N	1
177A005	NWO-177-2001	22-Jun-11	SW	---	---	REG	Metals	7440-66-6	Zinc	6.55	20	2	ug/L	J	J	15			N	1
177A006	NWO-177-1002	22-Jun-11	SD	0	0.17	REG	Metals	7440-36-0	Antimony	0.0598	0.4	0.014	mg/kg	J Q	J	15			N	1
177A006	NWO-177-1002	22-Jun-11	SD	0	0.17	REG	Metals	7440-50-8	Copper	15.4	5	0.0711	mg/kg						N	1
177A006	NWO-177-1002	22-Jun-11	SD	0	0.17	REG	Metals	7439-92-1	Lead	10.3	0.8	0.0182	mg/kg						N	1
177A006	NWO-177-1002	22-Jun-11	SD	0	0.17	REG	Metals	7440-66-6	Zinc	56.9	5	0.316	mg/kg						N	1
177A006	NWO-177-2002	22-Jun-11	SW	---	---	REG	Metals	7440-36-0	Antimony	0.104	6	0.07	ug/L	J Q	J	15			Y	1
177A006	NWO-177-2002	22-Jun-11	SW	---	---	REG	Metals	7440-50-8	Copper	0.56	2	0.56	ug/L	U	U				Y	1
177A006	NWO-177-2002	22-Jun-11	SW	---	---	REG	Metals	7439-92-1	Lead	0.18	3	0.18	ug/L	U	U				Y	1
177A006	NWO-177-2002	22-Jun-11	SW	---	---	REG	Metals	7440-66-6	Zinc	4.71	20	2	ug/L	J	J	15			Y	1
177A006	NWO-177-2002	22-Jun-11	SW	---	---	REG	Metals	7440-36-0	Antimony	0.07	6	0.07	ug/L	U Q	U				N	1
177A006	NWO-177-2002	22-Jun-11	SW	---	---	REG	Metals	7440-50-8	Copper	0.56	2	0.56	ug/L	U	U				N	1
177A006	NWO-177-2002	22-Jun-11	SW	---	---	REG	Metals	7439-92-1	Lead	0.18	3	0.18	ug/L	U	U				N	1
177A006	NWO-177-2002	22-Jun-11	SW	---	---	REG	Metals	7440-66-6	Zinc	2	20	2	ug/L	U	U				N	1
177A007	NWO-177-1003	22-Jun-11	SD	0	0.17	REG	Metals	7440-36-0	Antimony	0.0245	0.388	0.0136	mg/kg	J Q	J	15			N	1
177A007	NWO-177-1003	22-Jun-11	SD	0	0.17	REG	Metals	7440-50-8	Copper	18.2	4.85	0.069	mg/kg						N	1
177A007	NWO-177-1003	22-Jun-11	SD	0	0.17	REG	Metals	7439-92-1	Lead	25.3	0.777	0.0177	mg/kg						N	1
177A007	NWO-177-1003	22-Jun-11	SD	0	0.17	REG	Metals	7440-66-6	Zinc	73.4	4.85	0.307	mg/kg						N	1
177A007	NWO-177-1004	22-Jun-11	SD	0	0.17	FD	Metals	7440-36-0	Antimony	0.0282	0.396	0.0139	mg/kg	J Q	J	15			N	1
177A007	NWO-177-1004	22-Jun-11	SD	0	0.17	FD	Metals	7440-50-8	Copper	18	4.95	0.0704	mg/kg						N	1
177A007	NWO-177-1004	22-Jun-11	SD	0	0.17	FD	Metals	7439-92-1	Lead	23.4	0.792	0.018	mg/kg						N	1
177A007	NWO-177-1004	22-Jun-11	SD	0	0.17	FD	Metals	7440-66-6	Zinc	74.7	4.95	0.313	mg/kg						N	1
177A007	NWO-177-2003	22-Jun-11	SW	---	---	REG	Metals	7440-36-0	Antimony	0.0765	6	0.07	ug/L	J Q	J	15			Y	1
177A007	NWO-177-2003	22-Jun-11	SW	---	---	REG	Metals	7440-50-8	Copper	0.56	2	0.56	ug/L	U	U				Y	1
177A007	NWO-177-2003	22-Jun-11	SW	---	---	REG	Metals	7439-92-1	Lead	0.968	3	0.18	ug/L	J	J	15	17		Y	1
177A007	NWO-177-2003	22-Jun-11	SW	---	---	REG	Metals	7440-66-6	Zinc	3.37	20	2	ug/L	J	J	15	17		Y	1
177A007	NWO-177-2003	22-Jun-11	SW	---	---	REG	Metals	7440-36-0	Antimony	0.19	12	0.14	ug/L	J Q	J	15			N	2
177A007	NWO-177-2003	22-Jun-11	SW	---	---	REG	Metals	7440-50-8	Copper	6.72	4	1.12	ug/L						N	2
177A007	NWO-177-2003	22-Jun-11	SW	---	---	REG	Metals	7439-92-1	Lead	7.97	6	0.36	ug/L						N	2
177A007	NWO-177-2003	22-Jun-11	SW	---	---	REG	Metals	7440-66-6	Zinc	27.6	40	4	ug/L	J	J	15			N	2
177A007	NWO-177-2004	22-Jun-11	SW	---	---	FD	Metals	7440-36-0	Antimony	0.0912	6	0.07	ug/L	J Q	J	15			Y	1
177A007	NWO-177-2004	22-Jun-11	SW	---	---	FD	Metals	7440-50-8	Copper	0.56	2	0.56	ug/L	U	U				Y	1
177A007	NWO-177-2004	22-Jun-11	SW	---	---	FD	Metals	7439-92-1	Lead	0.192	3	0.18	ug/L	J	J	15	17		Y	1

Summary of Analytical Results
Fort Des Moines Pistol Range

Location ID	Sample Number	Sample Date	Sample Type	Start Depth (ft)	End Depth (ft)	Sample Purpose	Fraction	CAS No.	Parameter	Result	PQL	MDL	Units	LQ	VQ	R1	R2	R3	Filtered	Dilution Factor
177A007	NWO-177-2004	22-Jun-11	SW	---	---	FD	Metals	7440-66-6	Zinc	6.27	20	2	ug/L	J	J	15	17		Y	1
177A007	NWO-177-2004	22-Jun-11	SW	---	---	FD	Metals	7440-36-0	Antimony	0.208	12	0.14	ug/L	J Q	J	15			N	2
177A007	NWO-177-2004	22-Jun-11	SW	---	---	FD	Metals	7440-50-8	Copper	7.1	4	1.12	ug/L						N	2
177A007	NWO-177-2004	22-Jun-11	SW	---	---	FD	Metals	7439-92-1	Lead	9.11	6	0.36	ug/L						N	2
177A007	NWO-177-2004	22-Jun-11	SW	---	---	FD	Metals	7440-66-6	Zinc	30.6	40	4	ug/L	J	J	15			N	2
177A008	NWO-177-5001	22-Jun-11	SS	0	0.17	REG	Metals	7429-90-5	Aluminum	13600	88.5	1.37	mg/kg	J					N	1
177A008	NWO-177-5001	22-Jun-11	SS	0	0.17	REG	Metals	7440-36-0	Antimony	0.0235	0.367	0.0128	mg/kg	Q J	J	19	08A	15	N	1
177A008	NWO-177-5001	22-Jun-11	SS	0	0.17	REG	Metals	7440-70-2	Calcium	4220	177	12.5	mg/kg	J	J	19	08A	13	N	1
177A008	NWO-177-5001	22-Jun-11	SS	0	0.17	REG	Metals	7440-50-8	Copper	15.3	4.59	0.0652	mg/kg						N	1
177A008	NWO-177-5001	22-Jun-11	SS	0	0.17	REG	Metals	7439-89-6	Iron	17100	142	3.36	mg/kg	J	J	19	13		N	1
177A008	NWO-177-5001	22-Jun-11	SS	0	0.17	REG	Metals	7439-92-1	Lead	19.1	0.734	0.0167	mg/kg						N	1
177A008	NWO-177-5001	22-Jun-11	SS	0	0.17	REG	Metals	7439-95-4	Magnesium	2720	53.1	3.27	mg/kg		J	19	13		N	1
177A008	NWO-177-5001	22-Jun-11	SS	0	0.17	REG	Metals	7439-96-5	Manganese	899	1.83	0.0303	mg/kg	J					N	1
177A008	NWO-177-5001	22-Jun-11	SS	0	0.17	REG	Metals	7440-66-6	Zinc	61.7	4.59	0.29	mg/kg						N	1
177A009	NWO-177-5002	22-Jun-11	SS	0	0.17	REG	Metals	7429-90-5	Aluminum	11600	88.5	1.37	mg/kg						N	1
177A009	NWO-177-5002	22-Jun-11	SS	0	0.17	REG	Metals	7440-36-0	Antimony	0.0229	0.396	0.0139	mg/kg	J Q	J	15			N	1
177A009	NWO-177-5002	22-Jun-11	SS	0	0.17	REG	Metals	7440-70-2	Calcium	37300	177	12.5	mg/kg						N	1
177A009	NWO-177-5002	22-Jun-11	SS	0	0.17	REG	Metals	7440-50-8	Copper	13.6	4.95	0.0704	mg/kg						N	1
177A009	NWO-177-5002	22-Jun-11	SS	0	0.17	REG	Metals	7439-89-6	Iron	14400	142	3.36	mg/kg	J					N	1
177A009	NWO-177-5002	22-Jun-11	SS	0	0.17	REG	Metals	7439-92-1	Lead	12	0.792	0.018	mg/kg						N	1
177A009	NWO-177-5002	22-Jun-11	SS	0	0.17	REG	Metals	7439-95-4	Magnesium	4000	53.1	3.27	mg/kg						N	1
177A009	NWO-177-5002	22-Jun-11	SS	0	0.17	REG	Metals	7439-96-5	Manganese	780	1.98	0.0327	mg/kg						N	1
177A009	NWO-177-5002	22-Jun-11	SS	0	0.17	REG	Metals	7440-66-6	Zinc	45.4	4.95	0.313	mg/kg						N	1
177A010	NWO-177-5003	22-Jun-11	SS	0	0.17	REG	Metals	7429-90-5	Aluminum	11600	84	1.3	mg/kg						N	1
177A010	NWO-177-5003	22-Jun-11	SS	0	0.17	REG	Metals	7440-36-0	Antimony	0.0286	0.367	0.0128	mg/kg	J Q	J	15			N	1
177A010	NWO-177-5003	22-Jun-11	SS	0	0.17	REG	Metals	7440-70-2	Calcium	3650	168	11.8	mg/kg						N	1
177A010	NWO-177-5003	22-Jun-11	SS	0	0.17	REG	Metals	7440-50-8	Copper	11.9	4.59	0.0652	mg/kg						N	1
177A010	NWO-177-5003	22-Jun-11	SS	0	0.17	REG	Metals	7439-89-6	Iron	15200	134	3.19	mg/kg	J					N	1
177A010	NWO-177-5003	22-Jun-11	SS	0	0.17	REG	Metals	7439-92-1	Lead	20.5	0.734	0.0167	mg/kg						N	1
177A010	NWO-177-5003	22-Jun-11	SS	0	0.17	REG	Metals	7439-95-4	Magnesium	2370	50.4	3.11	mg/kg						N	1
177A010	NWO-177-5003	22-Jun-11	SS	0	0.17	REG	Metals	7439-96-5	Manganese	1100	1.83	0.0303	mg/kg						N	1
177A010	NWO-177-5003	22-Jun-11	SS	0	0.17	REG	Metals	7440-66-6	Zinc	59.4	4.59	0.29	mg/kg						N	1
177A011	NWO-177-5004	22-Jun-11	SS	0	0.17	REG	Metals	7429-90-5	Aluminum	12900	98	1.52	mg/kg						N	1
177A011	NWO-177-5004	22-Jun-11	SS	0	0.17	REG	Metals	7440-36-0	Antimony	0.0215	0.392	0.0137	mg/kg	J Q	J	15			N	1
177A011	NWO-177-5004	22-Jun-11	SS	0	0.17	REG	Metals	7440-70-2	Calcium	16000	196	13.8	mg/kg						N	1
177A011	NWO-177-5004	22-Jun-11	SS	0	0.17	REG	Metals	7440-50-8	Copper	21	4.9	0.0697	mg/kg						N	1
177A011	NWO-177-5004	22-Jun-11	SS	0	0.17	REG	Metals	7439-89-6	Iron	30200	157	3.73	mg/kg	J					N	1
177A011	NWO-177-5004	22-Jun-11	SS	0	0.17	REG	Metals	7439-92-1	Lead	20.9	0.784	0.0178	mg/kg						N	1
177A011	NWO-177-5004	22-Jun-11	SS	0	0.17	REG	Metals	7439-95-4	Magnesium	2920	58.8	3.63	mg/kg						N	1
177A011	NWO-177-5004	22-Jun-11	SS	0	0.17	REG	Metals	7439-96-5	Manganese	576	1.96	0.0324	mg/kg						N	1
177A011	NWO-177-5004	22-Jun-11	SS	0	0.17	REG	Metals	7440-66-6	Zinc	186	4.9	0.31	mg/kg						N	1
177A012	NWO-177-5005	22-Jun-11	SS	0	0.17	REG	Metals	7429-90-5	Aluminum	11900	90.9	1.41	mg/kg						N	1
177A012	NWO-177-5005	22-Jun-11	SS	0	0.17	REG	Metals	7440-36-0	Antimony	0.0256	0.364	0.0127	mg/kg	J Q	J	15			N	1
177A012	NWO-177-5005	22-Jun-11	SS	0	0.17	REG	Metals	7440-70-2	Calcium	7150	182	12.8	mg/kg						N	1

Summary of Analytical Results
Fort Des Moines Pistol Range

Location ID	Sample Number	Sample Date	Sample Type	Start Depth (ft)	End Depth (ft)	Sample Purpose	Fraction	CAS No.	Parameter	Result	PQL	MDL	Units	LQ	VQ	R1	R2	R3	Filtered	Dilution Factor
177A012	NWO-177-5005	22-Jun-11	SS	0	0.17	REG	Metals	7440-50-8	Copper	19	4.55	0.0646	mg/kg						N	1
177A012	NWO-177-5005	22-Jun-11	SS	0	0.17	REG	Metals	7439-89-6	Iron	17600	145	3.45	mg/kg	J					N	1
177A012	NWO-177-5005	22-Jun-11	SS	0	0.17	REG	Metals	7439-92-1	Lead	17.8	0.727	0.0165	mg/kg						N	1
177A012	NWO-177-5005	22-Jun-11	SS	0	0.17	REG	Metals	7439-95-4	Magnesium	3290	54.5	3.36	mg/kg						N	1
177A012	NWO-177-5005	22-Jun-11	SS	0	0.17	REG	Metals	7439-96-5	Manganese	780	1.82	0.03	mg/kg						N	1
177A012	NWO-177-5005	22-Jun-11	SS	0	0.17	REG	Metals	7440-66-6	Zinc	67.6	4.55	0.287	mg/kg						N	1
177A013	NWO-177-5006	22-Jun-11	SS	0	0.17	REG	Metals	7429-90-5	Aluminum	12500	98	1.52	mg/kg						N	1
177A013	NWO-177-5006	22-Jun-11	SS	0	0.17	REG	Metals	7440-36-0	Antimony	0.0252	0.37	0.013	mg/kg	J Q	J	15			N	1
177A013	NWO-177-5006	22-Jun-11	SS	0	0.17	REG	Metals	7440-70-2	Calcium	7510	196	13.8	mg/kg						N	1
177A013	NWO-177-5006	22-Jun-11	SS	0	0.17	REG	Metals	7440-50-8	Copper	17	4.63	0.0658	mg/kg						N	1
177A013	NWO-177-5006	22-Jun-11	SS	0	0.17	REG	Metals	7439-89-6	Iron	16700	157	3.73	mg/kg	J					N	1
177A013	NWO-177-5006	22-Jun-11	SS	0	0.17	REG	Metals	7439-92-1	Lead	19.2	0.741	0.0169	mg/kg						N	1
177A013	NWO-177-5006	22-Jun-11	SS	0	0.17	REG	Metals	7439-95-4	Magnesium	3000	58.8	3.63	mg/kg						N	1
177A013	NWO-177-5006	22-Jun-11	SS	0	0.17	REG	Metals	7439-96-5	Manganese	921	1.85	0.0306	mg/kg						N	1
177A013	NWO-177-5006	22-Jun-11	SS	0	0.17	REG	Metals	7440-66-6	Zinc	67.4	4.63	0.293	mg/kg						N	1
177A014	NWO-177-5007	22-Jun-11	SS	0	0.17	REG	Metals	7429-90-5	Aluminum	11300	95.2	1.48	mg/kg						N	1
177A014	NWO-177-5007	22-Jun-11	SS	0	0.17	REG	Metals	7440-36-0	Antimony	0.0357	0.388	0.0136	mg/kg	J Q	J	15			N	1
177A014	NWO-177-5007	22-Jun-11	SS	0	0.17	REG	Metals	7440-70-2	Calcium	6630	190	13.4	mg/kg						N	1
177A014	NWO-177-5007	22-Jun-11	SS	0	0.17	REG	Metals	7440-50-8	Copper	17.2	4.85	0.069	mg/kg						N	1
177A014	NWO-177-5007	22-Jun-11	SS	0	0.17	REG	Metals	7439-89-6	Iron	15800	152	3.62	mg/kg	J					N	1
177A014	NWO-177-5007	22-Jun-11	SS	0	0.17	REG	Metals	7439-92-1	Lead	18.1	0.777	0.0177	mg/kg						N	1
177A014	NWO-177-5007	22-Jun-11	SS	0	0.17	REG	Metals	7439-95-4	Magnesium	3100	57.1	3.52	mg/kg						N	1
177A014	NWO-177-5007	22-Jun-11	SS	0	0.17	REG	Metals	7439-96-5	Manganese	929	1.94	0.032	mg/kg						N	1
177A014	NWO-177-5007	22-Jun-11	SS	0	0.17	REG	Metals	7440-66-6	Zinc	62.4	4.85	0.307	mg/kg						N	1
177A015	NWO-177-5008	22-Jun-11	SS	0	0.17	REG	Metals	7429-90-5	Aluminum	8640	90.9	1.41	mg/kg						N	1
177A015	NWO-177-5008	22-Jun-11	SS	0	0.17	REG	Metals	7440-36-0	Antimony	0.0577	0.37	0.013	mg/kg	J Q	J	15			N	1
177A015	NWO-177-5008	22-Jun-11	SS	0	0.17	REG	Metals	7440-70-2	Calcium	4320	182	12.8	mg/kg						N	1
177A015	NWO-177-5008	22-Jun-11	SS	0	0.17	REG	Metals	7440-50-8	Copper	17.9	4.63	0.0658	mg/kg						N	1
177A015	NWO-177-5008	22-Jun-11	SS	0	0.17	REG	Metals	7439-89-6	Iron	12700	145	3.45	mg/kg	J					N	1
177A015	NWO-177-5008	22-Jun-11	SS	0	0.17	REG	Metals	7439-92-1	Lead	33.6	0.741	0.0169	mg/kg						N	1
177A015	NWO-177-5008	22-Jun-11	SS	0	0.17	REG	Metals	7439-95-4	Magnesium	1980	54.5	3.36	mg/kg						N	1
177A015	NWO-177-5008	22-Jun-11	SS	0	0.17	REG	Metals	7439-96-5	Manganese	1200	1.85	0.0306	mg/kg						N	1
177A015	NWO-177-5008	22-Jun-11	SS	0	0.17	REG	Metals	7440-66-6	Zinc	74.7	4.63	0.293	mg/kg						N	1
177A016	NWO-177-5009	22-Jun-11	SS	0	0.17	REG	Metals	7429-90-5	Aluminum	10100	87	1.35	mg/kg						N	1
177A016	NWO-177-5009	22-Jun-11	SS	0	0.17	REG	Metals	7440-36-0	Antimony	0.0397	0.37	0.013	mg/kg	J Q	J	15			N	1
177A016	NWO-177-5009	22-Jun-11	SS	0	0.17	REG	Metals	7440-70-2	Calcium	3730	174	12.3	mg/kg						N	1
177A016	NWO-177-5009	22-Jun-11	SS	0	0.17	REG	Metals	7440-50-8	Copper	13.7	4.63	0.0658	mg/kg						N	1
177A016	NWO-177-5009	22-Jun-11	SS	0	0.17	REG	Metals	7439-89-6	Iron	14200	139	3.3	mg/kg	J					N	1
177A016	NWO-177-5009	22-Jun-11	SS	0	0.17	REG	Metals	7439-92-1	Lead	20.9	0.741	0.0169	mg/kg						N	1
177A016	NWO-177-5009	22-Jun-11	SS	0	0.17	REG	Metals	7439-95-4	Magnesium	2130	52.2	3.22	mg/kg						N	1
177A016	NWO-177-5009	22-Jun-11	SS	0	0.17	REG	Metals	7439-96-5	Manganese	1090	1.85	0.0306	mg/kg						N	1
177A016	NWO-177-5009	22-Jun-11	SS	0	0.17	REG	Metals	7440-66-6	Zinc	46.5	4.63	0.293	mg/kg						N	1
177A017	NWO-177-5010	22-Jun-11	SS	0	0.17	REG	Metals	7429-90-5	Aluminum	12400	94.3	1.46	mg/kg						N	1
177A017	NWO-177-5010	22-Jun-11	SS	0	0.17	REG	Metals	7440-36-0	Antimony	0.0422	0.37	0.013	mg/kg	J Q	J	15			N	1

Summary of Analytical Results
Fort Des Moines Pistol Range

Location ID	Sample Number	Sample Date	Sample Type	Start Depth (ft)	End Depth (ft)	Sample Purpose	Fraction	CAS No.	Parameter	Result	PQL	MDL	Units	LQ	VQ	R1	R2	R3	Filtered	Dilution Factor
177A017	NWO-177-5010	22-Jun-11	SS	0	0.17	REG	Metals	7440-70-2	Calcium	2750	189	13.3	mg/kg						N	1
177A017	NWO-177-5010	22-Jun-11	SS	0	0.17	REG	Metals	7440-50-8	Copper	17.9	4.63	0.0658	mg/kg						N	1
177A017	NWO-177-5010	22-Jun-11	SS	0	0.17	REG	Metals	7439-89-6	Iron	15700	151	3.58	mg/kg	J					N	1
177A017	NWO-177-5010	22-Jun-11	SS	0	0.17	REG	Metals	7439-92-1	Lead	34.7	0.741	0.0169	mg/kg						N	1
177A017	NWO-177-5010	22-Jun-11	SS	0	0.17	REG	Metals	7439-95-4	Magnesium	2910	56.6	3.49	mg/kg						N	1
177A017	NWO-177-5010	22-Jun-11	SS	0	0.17	REG	Metals	7439-96-5	Manganese	702	1.85	0.0306	mg/kg						N	1
177A017	NWO-177-5010	22-Jun-11	SS	0	0.17	REG	Metals	7440-66-6	Zinc	52.7	4.63	0.293	mg/kg						N	1
177A018	NWO-177-5011	22-Jun-11	SD	0	0.17	REG	Metals	7440-36-0	Antimony	0.0566	0.392	0.0137	mg/kg	J Q	J	15			N	1
177A018	NWO-177-5011	22-Jun-11	SD	0	0.17	REG	Metals	7440-50-8	Copper	18.8	4.9	0.0697	mg/kg						N	1
177A018	NWO-177-5011	22-Jun-11	SD	0	0.17	REG	Metals	7439-92-1	Lead	27.7	0.784	0.0178	mg/kg						N	1
177A018	NWO-177-5011	22-Jun-11	SD	0	0.17	REG	Metals	7440-66-6	Zinc	82.5	4.9	0.31	mg/kg						N	1
177A018	NWO-177-6001	22-Jun-11	SW	---	---	REG	Metals	7440-36-0	Antimony	0.209	6	0.07	ug/L	J Q	J	15			Y	1
177A018	NWO-177-6001	22-Jun-11	SW	---	---	REG	Metals	7440-50-8	Copper	1.77	2	0.56	ug/L	J	J	15			Y	1
177A018	NWO-177-6001	22-Jun-11	SW	---	---	REG	Metals	7439-92-1	Lead	0.331	3	0.18	ug/L	J	J	15			Y	1
177A018	NWO-177-6001	22-Jun-11	SW	---	---	REG	Metals	7440-66-6	Zinc	3.14	20	2	ug/L	J	J	15			Y	1
177A018	NWO-177-6001	22-Jun-11	SW	---	---	REG	Metals	7440-36-0	Antimony	0.21	12	0.14	ug/L	J Q	J	15			N	2
177A018	NWO-177-6001	22-Jun-11	SW	---	---	REG	Metals	7440-50-8	Copper	2.02	4	1.12	ug/L	J	J	15			N	2
177A018	NWO-177-6001	22-Jun-11	SW	---	---	REG	Metals	7439-92-1	Lead	0.783	6	0.36	ug/L	J	J	15			N	2
177A018	NWO-177-6001	22-Jun-11	SW	---	---	REG	Metals	7440-66-6	Zinc	5.76	40	4	ug/L	J	J	15			N	2

Notes:

ft - feet

PQL - practical quantitation limit

MDL - method detection limit

LQ - laboratory data qualifier

VQ - validation data qualifier

R1 - validation qualifier reason code no. 1

R2 - validation qualifier reason code no. 2

R3 - validation qualifier reason code no. 3

SS - surface soil (0 - 0.5 below ground surface)

SD - sediment

SW - surface water

REG - regular field sample

FD - field duplicate sample

mg/kg - milligrams per kilogram

ug/L - micrograms per liter

ATTACHMENT 3

Summary of Analytical Results greater than the MDL

Summary of Analytical Results greater than the MDL
Fort Des Moines Pistol Range

Location ID	Sample Number	Sample Date	Sample Type	Start Depth (ft)	End Depth (ft)	Sample Purpose	Fraction	CAS No.	Parameter	Result	PQL	MDL	Units	LQ	VQ	R1	R2	R3	Filtered	Dilution Factor
177A001	NWO-177-0001	22-Jun-11	SS	0	0.17	REG	Metals	7429-90-5	Aluminum	11500	90.1	1.4	mg/kg						N	1
177A001	NWO-177-0001	22-Jun-11	SS	0	0.17	REG	Metals	7440-36-0	Antimony	0.0244	0.396	0.0139	mg/kg	J Q	J	15			N	1
177A001	NWO-177-0001	22-Jun-11	SS	0	0.17	REG	Metals	7440-70-2	Calcium	3690	180	12.7	mg/kg						N	1
177A001	NWO-177-0001	22-Jun-11	SS	0	0.17	REG	Metals	7440-50-8	Copper	13.1	4.95	0.0704	mg/kg						N	1
177A001	NWO-177-0001	22-Jun-11	SS	0	0.17	REG	Metals	7439-89-6	Iron	16300	144	3.42	mg/kg	J					N	1
177A001	NWO-177-0001	22-Jun-11	SS	0	0.17	REG	Metals	7439-92-1	Lead	12.2	0.792	0.018	mg/kg						N	1
177A001	NWO-177-0001	22-Jun-11	SS	0	0.17	REG	Metals	7439-95-4	Magnesium	3180	54.1	3.33	mg/kg						N	1
177A001	NWO-177-0001	22-Jun-11	SS	0	0.17	REG	Metals	7439-96-5	Manganese	595	1.98	0.0327	mg/kg						N	1
177A001	NWO-177-0001	22-Jun-11	SS	0	0.17	REG	Metals	7440-66-6	Zinc	50.6	4.95	0.313	mg/kg						N	1
177A001	NWO-177-0005	22-Jun-11	SS	0	0.17	FD	Metals	7429-90-5	Aluminum	11400	96.2	1.49	mg/kg						N	1
177A001	NWO-177-0005	22-Jun-11	SS	0	0.17	FD	Metals	7440-36-0	Antimony	0.0226	0.374	0.0131	mg/kg	J Q	J	15			N	1
177A001	NWO-177-0005	22-Jun-11	SS	0	0.17	FD	Metals	7440-70-2	Calcium	3650	192	13.6	mg/kg						N	1
177A001	NWO-177-0005	22-Jun-11	SS	0	0.17	FD	Metals	7440-50-8	Copper	15.1	4.67	0.0664	mg/kg						N	1
177A001	NWO-177-0005	22-Jun-11	SS	0	0.17	FD	Metals	7439-89-6	Iron	16700	154	3.65	mg/kg	J					N	1
177A001	NWO-177-0005	22-Jun-11	SS	0	0.17	FD	Metals	7439-92-1	Lead	13.5	0.748	0.017	mg/kg						N	1
177A001	NWO-177-0005	22-Jun-11	SS	0	0.17	FD	Metals	7439-95-4	Magnesium	3130	57.7	3.56	mg/kg						N	1
177A001	NWO-177-0005	22-Jun-11	SS	0	0.17	FD	Metals	7439-96-5	Manganese	659	1.87	0.0308	mg/kg						N	1
177A001	NWO-177-0005	22-Jun-11	SS	0	0.17	FD	Metals	7440-66-6	Zinc	58.6	4.67	0.295	mg/kg						N	1
177A002	NWO-177-0002	22-Jun-11	SS	0	0.17	REG	Metals	7429-90-5	Aluminum	12200	87	1.35	mg/kg						N	1
177A002	NWO-177-0002	22-Jun-11	SS	0	0.17	REG	Metals	7440-36-0	Antimony	0.0186	0.388	0.0136	mg/kg	J Q	J	15			N	1
177A002	NWO-177-0002	22-Jun-11	SS	0	0.17	REG	Metals	7440-70-2	Calcium	3600	174	12.3	mg/kg						N	1
177A002	NWO-177-0002	22-Jun-11	SS	0	0.17	REG	Metals	7440-50-8	Copper	18	4.85	0.069	mg/kg						N	1
177A002	NWO-177-0002	22-Jun-11	SS	0	0.17	REG	Metals	7439-89-6	Iron	18600	139	3.3	mg/kg	J					N	1
177A002	NWO-177-0002	22-Jun-11	SS	0	0.17	REG	Metals	7439-92-1	Lead	11.3	0.777	0.0177	mg/kg						N	1
177A002	NWO-177-0002	22-Jun-11	SS	0	0.17	REG	Metals	7439-95-4	Magnesium	3390	52.2	3.22	mg/kg						N	1
177A002	NWO-177-0002	22-Jun-11	SS	0	0.17	REG	Metals	7439-96-5	Manganese	519	1.94	0.032	mg/kg						N	1
177A002	NWO-177-0002	22-Jun-11	SS	0	0.17	REG	Metals	7440-66-6	Zinc	50.1	4.85	0.307	mg/kg						N	1
177A003	NWO-177-0003	22-Jun-11	SS	0	0.17	REG	Metals	7429-90-5	Aluminum	11400	87.7	1.36	mg/kg						N	1
177A003	NWO-177-0003	22-Jun-11	SS	0	0.17	REG	Metals	7440-36-0	Antimony	0.0193	0.396	0.0139	mg/kg	J Q	J	15			N	1
177A003	NWO-177-0003	22-Jun-11	SS	0	0.17	REG	Metals	7440-70-2	Calcium	3480	175	12.4	mg/kg						N	1
177A003	NWO-177-0003	22-Jun-11	SS	0	0.17	REG	Metals	7440-50-8	Copper	11	4.95	0.0704	mg/kg						N	1
177A003	NWO-177-0003	22-Jun-11	SS	0	0.17	REG	Metals	7439-89-6	Iron	17300	140	3.33	mg/kg	J					N	1
177A003	NWO-177-0003	22-Jun-11	SS	0	0.17	REG	Metals	7439-92-1	Lead	12.5	0.792	0.018	mg/kg						N	1
177A003	NWO-177-0003	22-Jun-11	SS	0	0.17	REG	Metals	7439-95-4	Magnesium	3000	52.6	3.25	mg/kg						N	1
177A003	NWO-177-0003	22-Jun-11	SS	0	0.17	REG	Metals	7439-96-5	Manganese	543	1.98	0.0327	mg/kg						N	1
177A003	NWO-177-0003	22-Jun-11	SS	0	0.17	REG	Metals	7440-66-6	Zinc	44.5	4.95	0.313	mg/kg						N	1
177A004	NWO-177-0004	22-Jun-11	SS	0	0.17	REG	Metals	7429-90-5	Aluminum	10700	88.5	1.37	mg/kg						N	1
177A004	NWO-177-0004	22-Jun-11	SS	0	0.17	REG	Metals	7440-36-0	Antimony	0.0179	0.4	0.014	mg/kg	J Q	J	15			N	1
177A004	NWO-177-0004	22-Jun-11	SS	0	0.17	REG	Metals	7440-70-2	Calcium	3450	177	12.5	mg/kg						N	1
177A004	NWO-177-0004	22-Jun-11	SS	0	0.17	REG	Metals	7440-50-8	Copper	11.7	5	0.0711	mg/kg						N	1
177A004	NWO-177-0004	22-Jun-11	SS	0	0.17	REG	Metals	7439-89-6	Iron	15900	142	3.36	mg/kg	J					N	1
177A004	NWO-177-0004	22-Jun-11	SS	0	0.17	REG	Metals	7439-92-1	Lead	12.2	0.8	0.0182	mg/kg						N	1
177A004	NWO-177-0004	22-Jun-11	SS	0	0.17	REG	Metals	7439-95-4	Magnesium	2800	53.1	3.27	mg/kg						N	1
177A004	NWO-177-0004	22-Jun-11	SS	0	0.17	REG	Metals	7439-96-5	Manganese	550	2	0.033	mg/kg						N	1

Summary of Analytical Results greater than the MDL
Fort Des Moines Pistol Range

Location ID	Sample Number	Sample Date	Sample Type	Start Depth (ft)	End Depth (ft)	Sample Purpose	Fraction	CAS No.	Parameter	Result	PQL	MDL	Units	LQ	VQ	R1	R2	R3	Filtered	Dilution Factor
177A004	NWO-177-0004	22-Jun-11	SS	0	0.17	REG	Metals	7440-66-6	Zinc	46	5	0.316	mg/kg						N	1
177A005	NWO-177-1001	22-Jun-11	SD	0	0.17	REG	Metals	7440-36-0	Antimony	0.0399	0.385	0.0135	mg/kg	J Q	J	15			N	1
177A005	NWO-177-1001	22-Jun-11	SD	0	0.17	REG	Metals	7440-50-8	Copper	14.6	4.81	0.0684	mg/kg						N	1
177A005	NWO-177-1001	22-Jun-11	SD	0	0.17	REG	Metals	7439-92-1	Lead	33.4	0.769	0.0175	mg/kg						N	1
177A005	NWO-177-1001	22-Jun-11	SD	0	0.17	REG	Metals	7440-66-6	Zinc	51.6	4.81	0.304	mg/kg						N	1
177A005	NWO-177-2001	22-Jun-11	SW	---	---	REG	Metals	7440-36-0	Antimony	0.104	6	0.07	ug/L	J Q	J	15			Y	1
177A005	NWO-177-2001	22-Jun-11	SW	---	---	REG	Metals	7440-50-8	Copper	1.78	2	0.56	ug/L	J	J	15			Y	1
177A005	NWO-177-2001	22-Jun-11	SW	---	---	REG	Metals	7439-92-1	Lead	2.72	3	0.18	ug/L	J	J	15			Y	1
177A005	NWO-177-2001	22-Jun-11	SW	---	---	REG	Metals	7440-66-6	Zinc	6.23	20	2	ug/L	J	J	15			Y	1
177A005	NWO-177-2001	22-Jun-11	SW	---	---	REG	Metals	7440-36-0	Antimony	0.0884	6	0.07	ug/L	J Q	J	15			N	1
177A005	NWO-177-2001	22-Jun-11	SW	---	---	REG	Metals	7440-50-8	Copper	1.86	2	0.56	ug/L	J	J	15			N	1
177A005	NWO-177-2001	22-Jun-11	SW	---	---	REG	Metals	7439-92-1	Lead	2.68	3	0.18	ug/L	J	J	15			N	1
177A005	NWO-177-2001	22-Jun-11	SW	---	---	REG	Metals	7440-66-6	Zinc	6.55	20	2	ug/L	J	J	15			N	1
177A006	NWO-177-1002	22-Jun-11	SD	0	0.17	REG	Metals	7440-36-0	Antimony	0.0598	0.4	0.014	mg/kg	J Q	J	15			N	1
177A006	NWO-177-1002	22-Jun-11	SD	0	0.17	REG	Metals	7440-50-8	Copper	15.4	5	0.0711	mg/kg						N	1
177A006	NWO-177-1002	22-Jun-11	SD	0	0.17	REG	Metals	7439-92-1	Lead	10.3	0.8	0.0182	mg/kg						N	1
177A006	NWO-177-1002	22-Jun-11	SD	0	0.17	REG	Metals	7440-66-6	Zinc	56.9	5	0.316	mg/kg						N	1
177A006	NWO-177-2002	22-Jun-11	SW	---	---	REG	Metals	7440-36-0	Antimony	0.104	6	0.07	ug/L	J Q	J	15			Y	1
177A006	NWO-177-2002	22-Jun-11	SW	---	---	REG	Metals	7440-66-6	Zinc	4.71	20	2	ug/L	J	J	15			Y	1
177A007	NWO-177-1003	22-Jun-11	SD	0	0.17	REG	Metals	7440-36-0	Antimony	0.0245	0.388	0.0136	mg/kg	J Q	J	15			N	1
177A007	NWO-177-1003	22-Jun-11	SD	0	0.17	REG	Metals	7440-50-8	Copper	18.2	4.85	0.069	mg/kg						N	1
177A007	NWO-177-1003	22-Jun-11	SD	0	0.17	REG	Metals	7439-92-1	Lead	25.3	0.777	0.0177	mg/kg						N	1
177A007	NWO-177-1003	22-Jun-11	SD	0	0.17	REG	Metals	7440-66-6	Zinc	73.4	4.85	0.307	mg/kg						N	1
177A007	NWO-177-1004	22-Jun-11	SD	0	0.17	FD	Metals	7440-36-0	Antimony	0.0282	0.396	0.0139	mg/kg	J Q	J	15			N	1
177A007	NWO-177-1004	22-Jun-11	SD	0	0.17	FD	Metals	7440-50-8	Copper	18	4.95	0.0704	mg/kg						N	1
177A007	NWO-177-1004	22-Jun-11	SD	0	0.17	FD	Metals	7439-92-1	Lead	23.4	0.792	0.018	mg/kg						N	1
177A007	NWO-177-1004	22-Jun-11	SD	0	0.17	FD	Metals	7440-66-6	Zinc	74.7	4.95	0.313	mg/kg						N	1
177A007	NWO-177-2003	22-Jun-11	SW	---	---	REG	Metals	7440-36-0	Antimony	0.0765	6	0.07	ug/L	J Q	J	15			Y	1
177A007	NWO-177-2003	22-Jun-11	SW	---	---	REG	Metals	7439-92-1	Lead	0.968	3	0.18	ug/L	J	J	15	17		Y	1
177A007	NWO-177-2003	22-Jun-11	SW	---	---	REG	Metals	7440-66-6	Zinc	3.37	20	2	ug/L	J	J	15	17		Y	1
177A007	NWO-177-2003	22-Jun-11	SW	---	---	REG	Metals	7440-36-0	Antimony	0.19	12	0.14	ug/L	J Q	J	15			N	2
177A007	NWO-177-2003	22-Jun-11	SW	---	---	REG	Metals	7440-50-8	Copper	6.72	4	1.12	ug/L						N	2
177A007	NWO-177-2003	22-Jun-11	SW	---	---	REG	Metals	7439-92-1	Lead	7.97	6	0.36	ug/L						N	2
177A007	NWO-177-2003	22-Jun-11	SW	---	---	REG	Metals	7440-66-6	Zinc	27.6	40	4	ug/L	J	J	15			N	2
177A007	NWO-177-2004	22-Jun-11	SW	---	---	FD	Metals	7440-36-0	Antimony	0.0912	6	0.07	ug/L	J Q	J	15			Y	1
177A007	NWO-177-2004	22-Jun-11	SW	---	---	FD	Metals	7439-92-1	Lead	0.192	3	0.18	ug/L	J	J	15	17		Y	1
177A007	NWO-177-2004	22-Jun-11	SW	---	---	FD	Metals	7440-66-6	Zinc	6.27	20	2	ug/L	J	J	15	17		Y	1
177A007	NWO-177-2004	22-Jun-11	SW	---	---	FD	Metals	7440-36-0	Antimony	0.208	12	0.14	ug/L	J Q	J	15			N	2
177A007	NWO-177-2004	22-Jun-11	SW	---	---	FD	Metals	7440-50-8	Copper	7.1	4	1.12	ug/L						N	2
177A007	NWO-177-2004	22-Jun-11	SW	---	---	FD	Metals	7439-92-1	Lead	9.11	6	0.36	ug/L						N	2
177A007	NWO-177-2004	22-Jun-11	SW	---	---	FD	Metals	7440-66-6	Zinc	30.6	40	4	ug/L	J	J	15			N	2
177A008	NWO-177-5001	22-Jun-11	SS	0	0.17	REG	Metals	7429-90-5	Aluminum	13600	88.5	1.37	mg/kg	J					N	1
177A008	NWO-177-5001	22-Jun-11	SS	0	0.17	REG	Metals	7440-36-0	Antimony	0.0235	0.367	0.0128	mg/kg	Q J	J	19	08A	15	N	1
177A008	NWO-177-5001	22-Jun-11	SS	0	0.17	REG	Metals	7440-70-2	Calcium	4220	177	12.5	mg/kg	J	J	19	08A	13	N	1

Summary of Analytical Results greater than the MDL
Fort Des Moines Pistol Range

Location ID	Sample Number	Sample Date	Sample Type	Start Depth (ft)	End Depth (ft)	Sample Purpose	Fraction	CAS No.	Parameter	Result	PQL	MDL	Units	LQ	VQ	R1	R2	R3	Filtered	Dilution Factor
177A008	NWO-177-5001	22-Jun-11	SS	0	0.17	REG	Metals	7440-50-8	Copper	15.3	4.59	0.0652	mg/kg						N	1
177A008	NWO-177-5001	22-Jun-11	SS	0	0.17	REG	Metals	7439-89-6	Iron	17100	142	3.36	mg/kg	J	J	19	13		N	1
177A008	NWO-177-5001	22-Jun-11	SS	0	0.17	REG	Metals	7439-92-1	Lead	19.1	0.734	0.0167	mg/kg						N	1
177A008	NWO-177-5001	22-Jun-11	SS	0	0.17	REG	Metals	7439-95-4	Magnesium	2720	53.1	3.27	mg/kg		J	19	13		N	1
177A008	NWO-177-5001	22-Jun-11	SS	0	0.17	REG	Metals	7439-96-5	Manganese	899	1.83	0.0303	mg/kg	J					N	1
177A008	NWO-177-5001	22-Jun-11	SS	0	0.17	REG	Metals	7440-66-6	Zinc	61.7	4.59	0.29	mg/kg						N	1
177A009	NWO-177-5002	22-Jun-11	SS	0	0.17	REG	Metals	7429-90-5	Aluminum	11600	88.5	1.37	mg/kg						N	1
177A009	NWO-177-5002	22-Jun-11	SS	0	0.17	REG	Metals	7440-36-0	Antimony	0.0229	0.396	0.0139	mg/kg	J Q	J	15			N	1
177A009	NWO-177-5002	22-Jun-11	SS	0	0.17	REG	Metals	7440-70-2	Calcium	37300	177	12.5	mg/kg						N	1
177A009	NWO-177-5002	22-Jun-11	SS	0	0.17	REG	Metals	7440-50-8	Copper	13.6	4.95	0.0704	mg/kg						N	1
177A009	NWO-177-5002	22-Jun-11	SS	0	0.17	REG	Metals	7439-89-6	Iron	14400	142	3.36	mg/kg	J					N	1
177A009	NWO-177-5002	22-Jun-11	SS	0	0.17	REG	Metals	7439-92-1	Lead	12	0.792	0.018	mg/kg						N	1
177A009	NWO-177-5002	22-Jun-11	SS	0	0.17	REG	Metals	7439-95-4	Magnesium	4000	53.1	3.27	mg/kg						N	1
177A009	NWO-177-5002	22-Jun-11	SS	0	0.17	REG	Metals	7439-96-5	Manganese	780	1.98	0.0327	mg/kg						N	1
177A009	NWO-177-5002	22-Jun-11	SS	0	0.17	REG	Metals	7440-66-6	Zinc	45.4	4.95	0.313	mg/kg						N	1
177A010	NWO-177-5003	22-Jun-11	SS	0	0.17	REG	Metals	7429-90-5	Aluminum	11600	84	1.3	mg/kg						N	1
177A010	NWO-177-5003	22-Jun-11	SS	0	0.17	REG	Metals	7440-36-0	Antimony	0.0286	0.367	0.0128	mg/kg	J Q	J	15			N	1
177A010	NWO-177-5003	22-Jun-11	SS	0	0.17	REG	Metals	7440-70-2	Calcium	3650	168	11.8	mg/kg						N	1
177A010	NWO-177-5003	22-Jun-11	SS	0	0.17	REG	Metals	7440-50-8	Copper	11.9	4.59	0.0652	mg/kg						N	1
177A010	NWO-177-5003	22-Jun-11	SS	0	0.17	REG	Metals	7439-89-6	Iron	15200	134	3.19	mg/kg	J					N	1
177A010	NWO-177-5003	22-Jun-11	SS	0	0.17	REG	Metals	7439-92-1	Lead	20.5	0.734	0.0167	mg/kg						N	1
177A010	NWO-177-5003	22-Jun-11	SS	0	0.17	REG	Metals	7439-95-4	Magnesium	2370	50.4	3.11	mg/kg						N	1
177A010	NWO-177-5003	22-Jun-11	SS	0	0.17	REG	Metals	7439-96-5	Manganese	1100	1.83	0.0303	mg/kg						N	1
177A010	NWO-177-5003	22-Jun-11	SS	0	0.17	REG	Metals	7440-66-6	Zinc	59.4	4.59	0.29	mg/kg						N	1
177A011	NWO-177-5004	22-Jun-11	SS	0	0.17	REG	Metals	7429-90-5	Aluminum	12900	98	1.52	mg/kg						N	1
177A011	NWO-177-5004	22-Jun-11	SS	0	0.17	REG	Metals	7440-36-0	Antimony	0.0215	0.392	0.0137	mg/kg	J Q	J	15			N	1
177A011	NWO-177-5004	22-Jun-11	SS	0	0.17	REG	Metals	7440-70-2	Calcium	16000	196	13.8	mg/kg						N	1
177A011	NWO-177-5004	22-Jun-11	SS	0	0.17	REG	Metals	7440-50-8	Copper	21	4.9	0.0697	mg/kg						N	1
177A011	NWO-177-5004	22-Jun-11	SS	0	0.17	REG	Metals	7439-89-6	Iron	30200	157	3.73	mg/kg	J					N	1
177A011	NWO-177-5004	22-Jun-11	SS	0	0.17	REG	Metals	7439-92-1	Lead	20.9	0.784	0.0178	mg/kg						N	1
177A011	NWO-177-5004	22-Jun-11	SS	0	0.17	REG	Metals	7439-95-4	Magnesium	2920	58.8	3.63	mg/kg						N	1
177A011	NWO-177-5004	22-Jun-11	SS	0	0.17	REG	Metals	7439-96-5	Manganese	576	1.96	0.0324	mg/kg						N	1
177A011	NWO-177-5004	22-Jun-11	SS	0	0.17	REG	Metals	7440-66-6	Zinc	186	4.9	0.31	mg/kg						N	1
177A012	NWO-177-5005	22-Jun-11	SS	0	0.17	REG	Metals	7429-90-5	Aluminum	11900	90.9	1.41	mg/kg						N	1
177A012	NWO-177-5005	22-Jun-11	SS	0	0.17	REG	Metals	7440-36-0	Antimony	0.0256	0.364	0.0127	mg/kg	J Q	J	15			N	1
177A012	NWO-177-5005	22-Jun-11	SS	0	0.17	REG	Metals	7440-70-2	Calcium	7150	182	12.8	mg/kg						N	1
177A012	NWO-177-5005	22-Jun-11	SS	0	0.17	REG	Metals	7440-50-8	Copper	19	4.55	0.0646	mg/kg						N	1
177A012	NWO-177-5005	22-Jun-11	SS	0	0.17	REG	Metals	7439-89-6	Iron	17600	145	3.45	mg/kg	J					N	1
177A012	NWO-177-5005	22-Jun-11	SS	0	0.17	REG	Metals	7439-92-1	Lead	17.8	0.727	0.0165	mg/kg						N	1
177A012	NWO-177-5005	22-Jun-11	SS	0	0.17	REG	Metals	7439-95-4	Magnesium	3290	54.5	3.36	mg/kg						N	1
177A012	NWO-177-5005	22-Jun-11	SS	0	0.17	REG	Metals	7439-96-5	Manganese	780	1.82	0.03	mg/kg						N	1
177A012	NWO-177-5005	22-Jun-11	SS	0	0.17	REG	Metals	7440-66-6	Zinc	67.6	4.55	0.287	mg/kg						N	1
177A013	NWO-177-5006	22-Jun-11	SS	0	0.17	REG	Metals	7429-90-5	Aluminum	12500	98	1.52	mg/kg						N	1
177A013	NWO-177-5006	22-Jun-11	SS	0	0.17	REG	Metals	7440-36-0	Antimony	0.0252	0.37	0.013	mg/kg	J Q	J	15			N	1

Summary of Analytical Results greater than the MDL
Fort Des Moines Pistol Range

Location ID	Sample Number	Sample Date	Sample Type	Start Depth (ft)	End Depth (ft)	Sample Purpose	Fraction	CAS No.	Parameter	Result	PQL	MDL	Units	LQ	VQ	R1	R2	R3	Filtered	Dilution Factor
177A013	NWO-177-5006	22-Jun-11	SS	0	0.17	REG	Metals	7440-70-2	Calcium	7510	196	13.8	mg/kg						N	1
177A013	NWO-177-5006	22-Jun-11	SS	0	0.17	REG	Metals	7440-50-8	Copper	17	4.63	0.0658	mg/kg						N	1
177A013	NWO-177-5006	22-Jun-11	SS	0	0.17	REG	Metals	7439-89-6	Iron	16700	157	3.73	mg/kg	J					N	1
177A013	NWO-177-5006	22-Jun-11	SS	0	0.17	REG	Metals	7439-92-1	Lead	19.2	0.741	0.0169	mg/kg						N	1
177A013	NWO-177-5006	22-Jun-11	SS	0	0.17	REG	Metals	7439-95-4	Magnesium	3000	58.8	3.63	mg/kg						N	1
177A013	NWO-177-5006	22-Jun-11	SS	0	0.17	REG	Metals	7439-96-5	Manganese	921	1.85	0.0306	mg/kg						N	1
177A013	NWO-177-5006	22-Jun-11	SS	0	0.17	REG	Metals	7440-66-6	Zinc	67.4	4.63	0.293	mg/kg						N	1
177A014	NWO-177-5007	22-Jun-11	SS	0	0.17	REG	Metals	7429-90-5	Aluminum	11300	95.2	1.48	mg/kg						N	1
177A014	NWO-177-5007	22-Jun-11	SS	0	0.17	REG	Metals	7440-36-0	Antimony	0.0357	0.388	0.0136	mg/kg	J Q	J	15			N	1
177A014	NWO-177-5007	22-Jun-11	SS	0	0.17	REG	Metals	7440-70-2	Calcium	6630	190	13.4	mg/kg						N	1
177A014	NWO-177-5007	22-Jun-11	SS	0	0.17	REG	Metals	7440-50-8	Copper	17.2	4.85	0.069	mg/kg						N	1
177A014	NWO-177-5007	22-Jun-11	SS	0	0.17	REG	Metals	7439-89-6	Iron	15800	152	3.62	mg/kg	J					N	1
177A014	NWO-177-5007	22-Jun-11	SS	0	0.17	REG	Metals	7439-92-1	Lead	18.1	0.777	0.0177	mg/kg						N	1
177A014	NWO-177-5007	22-Jun-11	SS	0	0.17	REG	Metals	7439-95-4	Magnesium	3100	57.1	3.52	mg/kg						N	1
177A014	NWO-177-5007	22-Jun-11	SS	0	0.17	REG	Metals	7439-96-5	Manganese	929	1.94	0.032	mg/kg						N	1
177A014	NWO-177-5007	22-Jun-11	SS	0	0.17	REG	Metals	7440-66-6	Zinc	62.4	4.85	0.307	mg/kg						N	1
177A015	NWO-177-5008	22-Jun-11	SS	0	0.17	REG	Metals	7429-90-5	Aluminum	8640	90.9	1.41	mg/kg						N	1
177A015	NWO-177-5008	22-Jun-11	SS	0	0.17	REG	Metals	7440-36-0	Antimony	0.0577	0.37	0.013	mg/kg	J Q	J	15			N	1
177A015	NWO-177-5008	22-Jun-11	SS	0	0.17	REG	Metals	7440-70-2	Calcium	4320	182	12.8	mg/kg						N	1
177A015	NWO-177-5008	22-Jun-11	SS	0	0.17	REG	Metals	7440-50-8	Copper	17.9	4.63	0.0658	mg/kg						N	1
177A015	NWO-177-5008	22-Jun-11	SS	0	0.17	REG	Metals	7439-89-6	Iron	12700	145	3.45	mg/kg	J					N	1
177A015	NWO-177-5008	22-Jun-11	SS	0	0.17	REG	Metals	7439-92-1	Lead	33.6	0.741	0.0169	mg/kg						N	1
177A015	NWO-177-5008	22-Jun-11	SS	0	0.17	REG	Metals	7439-95-4	Magnesium	1980	54.5	3.36	mg/kg						N	1
177A015	NWO-177-5008	22-Jun-11	SS	0	0.17	REG	Metals	7439-96-5	Manganese	1200	1.85	0.0306	mg/kg						N	1
177A015	NWO-177-5008	22-Jun-11	SS	0	0.17	REG	Metals	7440-66-6	Zinc	74.7	4.63	0.293	mg/kg						N	1
177A016	NWO-177-5009	22-Jun-11	SS	0	0.17	REG	Metals	7429-90-5	Aluminum	10100	87	1.35	mg/kg						N	1
177A016	NWO-177-5009	22-Jun-11	SS	0	0.17	REG	Metals	7440-36-0	Antimony	0.0397	0.37	0.013	mg/kg	J Q	J	15			N	1
177A016	NWO-177-5009	22-Jun-11	SS	0	0.17	REG	Metals	7440-70-2	Calcium	3730	174	12.3	mg/kg						N	1
177A016	NWO-177-5009	22-Jun-11	SS	0	0.17	REG	Metals	7440-50-8	Copper	13.7	4.63	0.0658	mg/kg						N	1
177A016	NWO-177-5009	22-Jun-11	SS	0	0.17	REG	Metals	7439-89-6	Iron	14200	139	3.3	mg/kg	J					N	1
177A016	NWO-177-5009	22-Jun-11	SS	0	0.17	REG	Metals	7439-92-1	Lead	20.9	0.741	0.0169	mg/kg						N	1
177A016	NWO-177-5009	22-Jun-11	SS	0	0.17	REG	Metals	7439-95-4	Magnesium	2130	52.2	3.22	mg/kg						N	1
177A016	NWO-177-5009	22-Jun-11	SS	0	0.17	REG	Metals	7439-96-5	Manganese	1090	1.85	0.0306	mg/kg						N	1
177A016	NWO-177-5009	22-Jun-11	SS	0	0.17	REG	Metals	7440-66-6	Zinc	46.5	4.63	0.293	mg/kg						N	1
177A017	NWO-177-5010	22-Jun-11	SS	0	0.17	REG	Metals	7429-90-5	Aluminum	12400	94.3	1.46	mg/kg						N	1
177A017	NWO-177-5010	22-Jun-11	SS	0	0.17	REG	Metals	7440-36-0	Antimony	0.0422	0.37	0.013	mg/kg	J Q	J	15			N	1
177A017	NWO-177-5010	22-Jun-11	SS	0	0.17	REG	Metals	7440-70-2	Calcium	2750	189	13.3	mg/kg						N	1
177A017	NWO-177-5010	22-Jun-11	SS	0	0.17	REG	Metals	7440-50-8	Copper	17.9	4.63	0.0658	mg/kg						N	1
177A017	NWO-177-5010	22-Jun-11	SS	0	0.17	REG	Metals	7439-89-6	Iron	15700	151	3.58	mg/kg	J					N	1
177A017	NWO-177-5010	22-Jun-11	SS	0	0.17	REG	Metals	7439-92-1	Lead	34.7	0.741	0.0169	mg/kg						N	1
177A017	NWO-177-5010	22-Jun-11	SS	0	0.17	REG	Metals	7439-95-4	Magnesium	2910	56.6	3.49	mg/kg						N	1
177A017	NWO-177-5010	22-Jun-11	SS	0	0.17	REG	Metals	7439-96-5	Manganese	702	1.85	0.0306	mg/kg						N	1
177A017	NWO-177-5010	22-Jun-11	SS	0	0.17	REG	Metals	7440-66-6	Zinc	52.7	4.63	0.293	mg/kg						N	1
177A018	NWO-177-5011	22-Jun-11	SD	0	0.17	REG	Metals	7440-36-0	Antimony	0.0566	0.392	0.0137	mg/kg	J Q	J	15			N	1

Summary of Analytical Results greater than the MDL
Fort Des Moines Pistol Range

Location ID	Sample Number	Sample Date	Sample Type	Start Depth (ft)	End Depth (ft)	Sample Purpose	Fraction	CAS No.	Parameter	Result	PQL	MDL	Units	LQ	VQ	R1	R2	R3	Filtered	Dilution Factor
177A018	NWO-177-5011	22-Jun-11	SD	0	0.17	REG	Metals	7440-50-8	Copper	18.8	4.9	0.0697	mg/kg						N	1
177A018	NWO-177-5011	22-Jun-11	SD	0	0.17	REG	Metals	7439-92-1	Lead	27.7	0.784	0.0178	mg/kg						N	1
177A018	NWO-177-5011	22-Jun-11	SD	0	0.17	REG	Metals	7440-66-6	Zinc	82.5	4.9	0.31	mg/kg						N	1
177A018	NWO-177-6001	22-Jun-11	SW	---	---	REG	Metals	7440-36-0	Antimony	0.209	6	0.07	ug/L	J Q	J	15			Y	1
177A018	NWO-177-6001	22-Jun-11	SW	---	---	REG	Metals	7440-50-8	Copper	1.77	2	0.56	ug/L	J	J	15			Y	1
177A018	NWO-177-6001	22-Jun-11	SW	---	---	REG	Metals	7439-92-1	Lead	0.331	3	0.18	ug/L	J	J	15			Y	1
177A018	NWO-177-6001	22-Jun-11	SW	---	---	REG	Metals	7440-66-6	Zinc	3.14	20	2	ug/L	J	J	15			Y	1
177A018	NWO-177-6001	22-Jun-11	SW	---	---	REG	Metals	7440-36-0	Antimony	0.21	12	0.14	ug/L	J Q	J	15			N	2
177A018	NWO-177-6001	22-Jun-11	SW	---	---	REG	Metals	7440-50-8	Copper	2.02	4	1.12	ug/L	J	J	15			N	2
177A018	NWO-177-6001	22-Jun-11	SW	---	---	REG	Metals	7439-92-1	Lead	0.783	6	0.36	ug/L	J	J	15			N	2
177A018	NWO-177-6001	22-Jun-11	SW	---	---	REG	Metals	7440-66-6	Zinc	5.76	40	4	ug/L	J	J	15			N	2

Notes:

ft - feet

PQL - practical quantitation limit

MDL - method detection limit

LQ - laboratory data qualifier

VQ - validation data qualifier

R1 - validation qualifier reason code no. 1

R2 - validation qualifier reason code no. 2

R3 - validation qualifier reason code no. 3

SS - surface soil (0 - 0.5 below ground surface)

SD - sediment

SW - surface water

REG - regular field sample

FD - field duplicate sample

mg/kg - milligrams per kilogram

ug/L - micrograms per liter

ATTACHMENT 4

Approved Variances

I. Project Name FUDS MMRP NWO	**II.** Project Number: 116188
III. Date Of Issue 9/15/2009	**IV.** Linked w/NC No: (if applicable) N/A
- - Variance Report For FUDS MMRP NWO - -	
V. Summary of the Change: (by the person identifying the change)	

<table>
<tr><th>Section of DoD QSM or Shaw FUDS MMRP SAP</th><th>DoD QSM or Shaw's FUDS MMRP SAP Requirement</th><th>Variance Request</th><th>Justification for Variance Request</th></tr>
<tr><td>Shaw's FUDS MMRP SAP

Sample Table 5-1 "Target Analyte List for Polycyclic Aromatic Hydrocarbons by Gas Chromatography/Mass Spectroscopy (based on SW-846 Method 8270C Low Level)"</td><td>Soil PAH PQLs and surrogate recovery QA requirements are as follows:

PAH Compound | Soil PQL (ug/kg)
Acenaphthene | 15
Acenaphthylene | 15
Anthracene | 15
Benzo(a)anthracene | 15
Benzo(b)fluoranthene | 15
Benzo(k)fluoranthene | 15
Benzo(g,h,i)perylene | 15
Benzo(a)pyrene | 15
Chrysene | 15
Dibenz(a)anthracene | 15
Fluroanthene | 15
Fluorene | 15
Indeno(1,2,3-cd)pyrene | 15
Naphthalene | 15
Phenanthrene | 15
Pyrene | 15
Nitrobenzene-d5 | 35-100
2-Fluorobiphenyl | 45-105
Terphenyl-d14 | 30-125</td><td>Test America-Denver requests the following soil PAH PQLs and surrogate QA requirements:

PAH Compound | Soil PQL (ug/kg)
Acenaphthene | 5
Acenaphthylene | 5
Anthracene | 5
Benzo(a)anthracene | 5
Benzo(b)fluoranthene | 5
Benzo(k)fluoranthene | 5
Benzo(g,h,i)perylene | 5
Benzo(a)pyrene | 5
Chrysene | 5
Dibenz(a)anthracene | 5
Fluroanthene | 5
Fluorene | 5
Indeno(1,2,3-cd)pyrene | 5
Naphthalene | 5
Phenanthrene | 5
Pyrene | 5
Nitrobenzene-d5 | 42-112
2-Fluorobiphenyl | 39-104
Terphenyl-d14 | 35-112</td><td>TA-Denver's PQLs are based on internal laboratory MDL studies. All PAH results will be reported at their corresponding MDL value. PAH results reported between their PQL and MDL will be "J" qualified as estimated.</td></tr>
<tr><td>Shaw's FUDS MMRP SAP

Sample Table 5-1 "Target Analyte List for Polycyclic Aromatic Hydrocarbons by Gas Chromatography/Mass Spectroscopy (based on SW-846 Method 8270C Low Level)"</td><td>Aqueous PAH PQLs and surrogate recovery QA requirements are as follows:

PAH Compound | Aqueous PQL (ug/L)
Acenaphthene | 0.2
Acenaphthylene | 0.2
Anthracene | 0.2
Benzo(a)anthracene | 0.2
Benzo(b)fluoranthene | 0.2
Benzo(k)fluoranthene | 0.2
Benzo(g,h,i)perylene | 0.2
Benzo(a)pyrene | 0.2
Chrysene | 0.2
Dibenz(a)anthracene | 0.2
Fluroanthene | 0.2
Fluorene | 0.2
Indeno(1,2,3-cd)pyrene | 0.2
Naphthalene | 0.2
Phenanthrene | 0.2
Pyrene | 0.2
Nitrobenzene-d5 | 40-110
2-Fluorobiphenyl | 50-110
Terphenyl-d14 | 50-135</td><td>Test America-Denver requests the following aqueous PAH PQLs and surrogate QA requirements:

PAH Compound | Aqueous PQL (ug/L)
Acenaphthene | 0.1
Acenaphthylene | 0.1
Anthracene | 0.1
Benzo(a)anthracene | 0.1
Benzo(b)fluoranthene | 0.1
Benzo(k)fluoranthene | 0.1
Benzo(g,h,i)perylene | 0.1
Benzo(a)pyrene | 0.1
Chrysene | 0.1
Dibenz(a)anthracene | 0.1
Fluroanthene | 0.1
Fluorene | 0.1
Indeno(1,2,3-cd)pyrene | 0.1
Naphthalene | 0.1
Phenanthrene | 0.1
Pyrene | 0.1
Nitrobenzene-d5 | 43-119
2-Fluorobiphenyl | 42-98
Terphenyl-d14 | 47-110</td><td>TA-Denver's PQLs are based on internal laboratory MDL studies. All PAH results will be reported at their corresponding MDL value. PAH results reported between their PQL and MDL will be "J" qualified as estimated.</td></tr>
</table>

I. Project Name FUDS MMRP NWO	**II.** Project Number: 116188
III. Date Of Issue 9/15/2009	**IV.** Linked w/NC No: (if applicable) NA

- - Variance Report For FUDS MMRP NWO - -

V. Summary of the Change: (by the person identifying the change)

<table>
<tr><th>Section of DoD QSM or Shaw FUDS MMRP SAP</th><th>DoD QSM or Shaw's FUDS MMRP SAP Requirement</th><th>Variance Request</th><th>Justification for Variance Request</th></tr>
<tr><td>Shaw's FUDS MMRP SAP

Sample Table 5-2 "Target Analyte List for Explosives by High Performance Liquid Chromatography (based on SW-846 Method 8330A)"</td><td>Soil Explosive PQLs and surrogate recovery QA requirements are as follows:

<table>
<tr><th>Explosive Compound</th><th>Soil PQL (mg/kg)</th></tr>
<tr><td>HMX</td><td>0.050</td></tr>
<tr><td>RDX</td><td>0.075</td></tr>
<tr><td>1,3,5-Trinitrobenzene</td><td>0.020</td></tr>
<tr><td>1,3-Dinitrobenzene</td><td>0.020</td></tr>
<tr><td>Tetryl</td><td>0.065</td></tr>
<tr><td>Nitrobenzene</td><td>0.020</td></tr>
<tr><td>2,4,6-Trinitrotoluene</td><td>0.040</td></tr>
<tr><td>4-Amino-2,6-dinitrotoluene</td><td>0.040</td></tr>
<tr><td>2-Amino-4,6-dinitrotoluene</td><td>0.040</td></tr>
<tr><td>2,4-Dinitrotoluene</td><td>0.040</td></tr>
<tr><td>2,6-Dinitrotoluene</td><td>0.040</td></tr>
<tr><td>2-Nitrotoluene</td><td>0.075</td></tr>
<tr><td>3-Nitrotoluene</td><td>0.050</td></tr>
<tr><td>4-Nitrotoluene</td><td>0.040</td></tr>
<tr><td>Nitroglycerin</td><td>10</td></tr>
<tr><td>PETN</td><td>0.50</td></tr>
<tr><td>4-Nitroaniline</td><td>50 - 150 %</td></tr>
</table></td><td>Test America-Denver requests the following Explosive PQLs and surrogate QA requirements:

<table>
<tr><th>Explosive Compound</th><th>Soil PQL (mg/kg)</th></tr>
<tr><td>HMX</td><td>0.10</td></tr>
<tr><td>RDX</td><td>0.20</td></tr>
<tr><td>1,3,5-Trinitrobenzene</td><td>0.10</td></tr>
<tr><td>1,3-Dinitrobenzene</td><td>0.10</td></tr>
<tr><td>Tetryl</td><td>0.20</td></tr>
<tr><td>Nitrobenzene</td><td>2.0</td></tr>
<tr><td>2,4,6-Trinitrotoluene</td><td>0.10</td></tr>
<tr><td>4-Amino-2,6-dinitrotoluene</td><td>0.10</td></tr>
<tr><td>2-Amino-4,6-dinitrotoluene</td><td>0.10</td></tr>
<tr><td>2,4-Dinitrotoluene</td><td>0.10</td></tr>
<tr><td>2,6-Dinitrotoluene</td><td>0.10</td></tr>
<tr><td>2-Nitrotoluene</td><td>0.20</td></tr>
<tr><td>3-Nitrotoluene</td><td>0.20</td></tr>
<tr><td>4-Nitrotoluene</td><td>0.20</td></tr>
<tr><td>Nitroglycerin</td><td>2.0</td></tr>
<tr><td>PETN</td><td>2.0</td></tr>
<tr><td>1,2-Dichlorobenzene</td><td>83 - 122 %</td></tr>
</table></td><td>TA-Denver's PQLs are based on internal laboratory MDL studies. All explosive results will be reported at their corresponding MDL value. Explosive results reported between their PQL and MDL will be "J" qualified as estimated.

TA-Denver employs 1,2-dinitrobenzene as the explosive surrogate for Method SW-846 8330.</td></tr>
<tr><td>Shaw's FUDS MMRP SAP

Sample Table 5-2 "Target Analyte List for Explosives by High Performance Liquid Chromatography (based on SW-846 Method 8330A)"</td><td>Aqueous Explosive PQLs and surrogate recovery QA requirements are as follows:

<table>
<tr><th>Explosive Compound</th><th>Aqueous PQL (ug/L)</th></tr>
<tr><td>HMX</td><td>0.40</td></tr>
<tr><td>RDX</td><td>0.80</td></tr>
<tr><td>1,3,5-Trinitrobenzene</td><td>0.20</td></tr>
<tr><td>1,3-Dinitrobenzene</td><td>0.20</td></tr>
<tr><td>Tetryl</td><td>0.75</td></tr>
<tr><td>Nitrobenzene</td><td>0.20</td></tr>
<tr><td>2,4,6-Trinitrotoluene</td><td>0.30</td></tr>
<tr><td>4-Amino-2,6-dinitrotoluene</td><td>0.20</td></tr>
<tr><td>2-Amino-4,6-dinitrotoluene</td><td>0.20</td></tr>
<tr><td>2,4-Dinitrotoluene</td><td>0.30</td></tr>
<tr><td>2,6-Dinitrotoluene</td><td>0.30</td></tr>
<tr><td>2-Nitrotoluene</td><td>0.40</td></tr>
<tr><td>3-Nitrotoluene</td><td>0.80</td></tr>
<tr><td>4-Nitrotoluene</td><td>0.40</td></tr>
<tr><td>Nitroglycerin</td><td>50</td></tr>
<tr><td>PETN</td><td>1.30</td></tr>
<tr><td>4-Nitroaniline</td><td>50 – 150%</td></tr>
</table></td><td>Test America-Denver requests the following Explosive PQLs and surrogate QA requirements:

<table>
<tr><th>Explosive Compound</th><th>Aqueous PQL (ug/L)</th></tr>
<tr><td>HMX</td><td>0.4</td></tr>
<tr><td>RDX</td><td>0.4</td></tr>
<tr><td>1,3,5-Trinitrobenzene</td><td>1.0</td></tr>
<tr><td>1,3-Dinitrobenzene</td><td>0.4</td></tr>
<tr><td>Tetryl</td><td>0.4</td></tr>
<tr><td>Nitrobenzene</td><td>0.4</td></tr>
<tr><td>2,4,6-Trinitrotoluene</td><td>0.4</td></tr>
<tr><td>4-Amino-2,6-dinitrotoluene</td><td>0.4</td></tr>
<tr><td>2-Amino-4,6-dinitrotoluene</td><td>0.4</td></tr>
<tr><td>2,4-Dinitrotoluene</td><td>0.4</td></tr>
<tr><td>2,6-Dinitrotoluene</td><td>0.4</td></tr>
<tr><td>2-Nitrotoluene</td><td>0.4</td></tr>
<tr><td>3-Nitrotoluene</td><td>0.4</td></tr>
<tr><td>4-Nitrotoluene</td><td>1.0</td></tr>
<tr><td>Nitroglycerin</td><td>4.0</td></tr>
<tr><td>PETN</td><td>2.0</td></tr>
<tr><td>1,2-Dinitrobenzene</td><td>75 - 118%</td></tr>
</table></td><td>TA-Denver's PQLs are based on internal laboratory MDL studies. All explosive results will be reported at their corresponding MDL value. Explosive results reported between their PQL and MDL will be "J" qualified as estimated.

TA-Denver employs 1,2-dinitrobenzene as the explosive surrogate for Method SW-846 8330.</td></tr>
</table>

I. Project Name	FUDS MMRP NWO	**II.** Project Number:	116188
III. Date Of Issue	9/15/2009	**IV.** Linked w/NC No: (if applicable)	N/A
V.	Summary of the Change: (by the person identifying the change)		

<table>
<tr><th>Section of DoD QSM or MMRP SI PSAP</th><th>DoD QSM or MMRP SI PSAP Requirement</th><th>Variance Request</th><th>Justification for Variance Request</th></tr>
<tr><td>Shaw's FUDS MMRP SAP

Sample Table 5-4 "Target Analyte List for Inorganics by Inductively Coupled Plasma/Mass Spectroscopy and Cold Vapor Atomic Absorption Analysis (based on SW-846 Method 6020A, and 7000 Series)"</td><td>Soil Metals PQLs are as follows:

SW-846 6020 Metals
<table><tr><th>Analyte</th><th>Soil PQL (mg/kg)</th></tr><tr><td>Aluminum</td><td>20.0</td></tr><tr><td>Calcium</td><td>100</td></tr><tr><td>Iron</td><td>15.0</td></tr><tr><td>Magnesium</td><td>25.0</td></tr><tr><td>Potassium</td><td>25.0</td></tr><tr><td>Sodium</td><td>250</td></tr><tr><td>Strontium</td><td>---</td></tr><tr><td>Titanium</td><td>---</td></tr></table>SW-846 6020 Metals
<table><tr><th>Analyte</th><th>Soil PQL (mg/kg)</th></tr><tr><td>Antimony</td><td>0.5</td></tr><tr><td>Arsenic</td><td>0.6</td></tr><tr><td>Barium</td><td>0.5</td></tr><tr><td>Beryllium</td><td>0.4</td></tr><tr><td>Cadmium</td><td>0.5</td></tr><tr><td>Chromium</td><td>1.0</td></tr><tr><td>Cobalt</td><td>0.5</td></tr><tr><td>Copper</td><td>1.0</td></tr><tr><td>Lead</td><td>1.0</td></tr><tr><td>Manganese</td><td>0.5</td></tr><tr><td>Molybdenum</td><td>0.5</td></tr><tr><td>Nickel</td><td>1.0</td></tr><tr><td>Selenium</td><td>2.0</td></tr><tr><td>Silver</td><td>0.3</td></tr><tr><td>Thallium</td><td>0.5</td></tr><tr><td>Vanadium</td><td>15</td></tr><tr><td>Zinc</td><td>2.0</td></tr></table>SW-846 7471
<table><tr><th>Analyte</th><th>Soil PQL (mg/kg)</th></tr><tr><td>Mercury</td><td>0.06</td></tr></table></td><td>Test America-Denver requests the following metals by analyzed by a combination of SW-846 6010 / 6020 at the PQLs listed below:

SW-846 6010 Metals
<table><tr><th>Analyte</th><th>Soil PQL (mg/kg)</th></tr><tr><td>Aluminum</td><td>60</td></tr><tr><td>Calcium</td><td>130</td></tr><tr><td>Iron</td><td>100</td></tr><tr><td>Magnesium</td><td>35</td></tr><tr><td>Potassium</td><td>300</td></tr><tr><td>Sodium</td><td>570</td></tr><tr><td>Strontium</td><td>1.0</td></tr><tr><td>Titanium</td><td>1.5</td></tr></table>SW-846 6020 Metals
<table><tr><th>Analyte</th><th>Soil PQL (mg/kg)</th></tr><tr><td>Antimony</td><td>0.25</td></tr><tr><td>Arsenic</td><td>0.60</td></tr><tr><td>Barium</td><td>0.28</td></tr><tr><td>Beryllium</td><td>0.10</td></tr><tr><td>Cadmium</td><td>0.10</td></tr><tr><td>Chromium</td><td>0.70</td></tr><tr><td>Cobalt</td><td>0.10</td></tr><tr><td>Copper</td><td>0.32</td></tr><tr><td>Lead</td><td>0.40</td></tr><tr><td>Manganese</td><td>1.00</td></tr><tr><td>Molybdenum</td><td>0.20</td></tr><tr><td>Nickel</td><td>0.35</td></tr><tr><td>Selenium</td><td>0.50</td></tr><tr><td>Silver</td><td>0.10</td></tr><tr><td>Thallium</td><td>0.10</td></tr><tr><td>Vanadium</td><td>0.50</td></tr><tr><td>Zinc</td><td>2.50</td></tr></table>SW-846 7471
<table><tr><th>Analyte</th><th>Soil PQL (mg/kg)</th></tr><tr><td>Mercury</td><td>0.033</td></tr></table></td><td>TA-Denver's PQLs are based on internal laboratory MDL studies. All metal results will be reported at their corresponding MDL value. Metals results reported between their PQL and MDL will be "J" qualified as estimated.</td></tr>
</table>

I. Project Name	FUDS MMRP NWO	**II.** Project Number:	116188
III. Date Of Issue	9/15/2009	**IV.** Linked w/NC No: (if applicable)	N/A
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<table>
<tr><th>Section of DoD QSM or MMRP SI PSAP</th><th>DoD QSM or MMRP SI PSAP Requirement</th><th>Variance Request</th><th>Justification for Variance Request</th></tr>
<tr><td rowspan="20">Shaw's FUDS MMRP SAP

Sample Table 5-4 "Target Analyte List for Inorganics by Inductively Coupled Plasma/Mass Spectroscopy and Cold Vapor Atomic Absorption Analysis (based on SW-846 Method 6020A, and 7000 Series)"</td><td>Soil Metals PQLs are as follows:</td><td>Test America-Denver requests the following metals by analyzed by a combination of SW-846 6010 / 6020 at the PQLs listed below:</td><td rowspan="20">TA-Denver's PQLs are based on internal laboratory MDL studies. All metal results will be reported at their corresponding MDL value. Metals results reported between their PQL and MDL will be "J" qualified as estimated.</td></tr>
<tr><td>SW-846 6020 Metals</td><td>SW-846 6010 Metals</td></tr>
<tr><td>Analyte | Aqueous PQL (ug/L)</td><td>Analyte | Aqueous PQL (ug/L)</td></tr>
<tr><td>Aluminum | 60</td><td>Aluminum | 300</td></tr>
<tr><td>Calcium | 1000</td><td>Calcium | 1000</td></tr>
<tr><td>Iron | 50</td><td>Iron | 100</td></tr>
<tr><td>Magnesium | 100</td><td>Magnesium | 500</td></tr>
<tr><td>Potassium | 1000</td><td>Potassium | 3000</td></tr>
<tr><td>Sodium | 1000</td><td>Sodium | 5000</td></tr>
<tr><td>Strontium | ---</td><td>Strontium | 10</td></tr>
<tr><td>Titanium | ---</td><td>Titanium | 10</td></tr>
<tr><td>SW-846 6020 Metals</td><td>SW-846 6020 Metals</td></tr>
<tr><td>Analyte | Aqueous PQL (ug/L)</td><td>Analyte | Aqueous PQL (ug/L)</td></tr>
<tr><td>Antimony | 1.0</td><td>Antimony | 6.0</td></tr>
<tr><td>Arsenic | 1.5</td><td>Arsenic | 5.0</td></tr>
<tr><td>Barium | 5.0</td><td>Barium | 3.0</td></tr>
<tr><td>Beryllium | 0.2</td><td>Beryllium | 1.0</td></tr>
<tr><td>Cadmium | 0.5</td><td>Cadmium | 1.0</td></tr>
<tr><td>Chromium | 2.0</td><td>Chromium | 10</td></tr>
<tr><td>Cobalt | 1.0</td><td>Cobalt | 1.0</td></tr>
<tr><td>Copper | 3.0</td><td>Copper | 2.0</td></tr>
<tr><td>Lead | 1.0</td><td>Lead | 3.0</td></tr>
<tr><td>Manganese | 2.0</td><td>Manganese | 3.5</td></tr>
<tr><td>Molybdenum | 5.0</td><td>Molybdenum | 2.0</td></tr>
<tr><td>Nickel | 1.0</td><td>Nickel | 3.0</td></tr>
<tr><td>Selenium | 2.0</td><td>Selenium | 5.0</td></tr>
<tr><td>Silver | 0.15</td><td>Silver | 5.0</td></tr>
<tr><td>Thallium | 1.0</td><td>Thallium | 1.0</td></tr>
<tr><td>Vanadium | 5.0</td><td>Vanadium | 6.0</td></tr>
<tr><td>Zinc | 10</td><td>Zinc | 20</td></tr>
<tr><td>SW-846 7470</td><td>SW-846 7470</td></tr>
<tr><td>Analyte | Aqueous PQL (ug/L)</td><td>Analyte | Aqueous PQL (ug/L)</td></tr>
<tr><td>Mercury | 0.3</td><td>Mercury | 0.2</td></tr>
</table>

I. Project Name	FUDS MMRP NWO	**II.** Project Number:	116188
III. Date Of Issue	9/15/2009	**IV.** Linked w/NC No: (if applicable)	N/A
V. Summary of the Change: (by the person identifying the change)			

Section of DoD QSM or MMRP SI PSAP	DoD QSM or MMRP SI PSAP Requirement	Variance Request	Justification for Variance Request
Shaw's FUDS MMRP SAP Sample Table 5-5 "Perchlorate by Liquid Chromatography/Mass Spectroscopy (based on SW-846 Draft Method 6850"	Perchlorate PQLs are as follows: **SW-846 6850 (ug/kg)** 3.0 **SW-846 6850 (ug/L)** 0.3	Test America-Denver requests the following Perchlorate PQLs: **SW-846 6860 (ug/kg)** 1.0 **SW-846 6860 (ug/L)** 0.05	TA-Denver's PQLs are based on internal laboratory MDL studies. All perchlorate results will be reported at their corresponding MDL value. Perhclorate results reported between their PQL and MDL will be "J" qualified as estimated.
Shaw's FUDS MMRP SAP Table 4-C; Page D-28 (6010B) Table 4-D; page D-33 (6020) ICBs / CCBs Interference Check Solutions	No analytes detected ≥ 2x MDL.	No analytes detected > RL.	Test America-Denver requests that this variance be applied to all analytes as low level detections are typically of much lesser concentration than the detections in associated samples. Corrective action and re-analyses impact turnaround times and may not eliminate low level detections below the RL. Test America-Denver notes that this variance request has been accepted for the Huntsville SI Program, FUDS MMRP Northeast, Southeast Region and Southwest Region.
Section of DoD Perchlorate Handbook	**DoD Perchlorate Handbook Requirement**	**Variance Request**	**Justification for Variance Request**
Appendix G, Page 4 of 11 (or Section 11.2 of Method SW-846 6860); Solid Sample Preparation	The method prescribes a 1g aliquot of solid sample and 10 ml of reagent water, to be mixed by vortexing and sonication for 10 minutes.	Test America proposes a 10g aliquot of solid sample and 100ml of reagent water to be used.	Test America-Denver proposes a proportionate amount of sample and reagent water. The amounts proposed are sufficient for all re-analysis and to prepare QC samples (MS/MSD/Laboratory Duplicates).
Appendix G, Page 9 of 11; Table G-3; Minimum QC Requirements for MS Methods	Interference Check Samples (ICS) to be extracted with every batch of 20 samples. ICS verifies the method performance at the matrix conductivity threshold (MCT). Recovery ±30% of true value.	Test America proposes to analyze an interference check sample as described in method SW6860. Section 9.8.4 of method SW6860 describes a mid-level perchlorate standard in a solution that contains chloride, carbonate, and sulfate. Test America proposes to analyze this sample at 1000 mg/L of chloride, carbonate, and sulfate with each instrument batch (repeated upon initial calibration).	During method development, Test America conducted several studies that demonstrated accurate recovery of perchlorate in solutions that contained 5000 mg/L chloride, carbonate, and sulfate (and greater). Increasing the salt concentration until the system fails and repeating this at frequent intervals may cause instrument failure.

I. Project Name	FUDS MMRP NWO	**II.** Project Number	116188
III. Date Of Issue	9/15/2009	**IV.** Linked w/NC No: (if applicable)	NA

Section of DoD Perchlorate Handbook	DoD Perchlorate Handbook Requirement	Variance Request	Justification for Variance Request
DoD Perchlorate Handbook, Appendix G, Guidance on Selecting Analytical Methods and Services, Page 8 of 13, Table G-3, Minimum QC Requirements for MS Methods	Retention time window shall be established at method setup and after major maintenance, using peak width ±3σ for each analyte's retention time as derived from a 72-hour study.	TA-Denver proposes to eliminate this requirement. Instead, we evaluate the retention time of perchlorate by evaluating its retention time as relative to the ^{18}O-labeled perchlorate internal standard.	This criterion, taken from SW-846, Method 8000B, Section 7.6 describes an approach for establishing retention time windows for chromatographic techniques (e.g., GC, LC). TA-Denver believes that this approach is not applicable to a tandem mass spectrometry method, as retention time is of secondary importance for this technique. In addition, retention time of the perchlorate analyte is more accurately evaluated by inspection of its retention time as relative to the internal standard in each injection, because these peaks shift from injection to injection, depending on the ionic strength of the sample.

Section of DoD QSM or MMRP SI PSAP	DoD QSM or MMRP SI PSAP Requirement	Point of Clarification
DoD QSM Version 3 Section D.1.1.1,d, Grey Box D-5	If the method blank contamination exceeds ½ the RL, then the laboratory shall evaluate whether reprocessing of the samples is necessary based on the above criteria. The concentrations of common laboratory contaminants shall not exceed the RL.	The common laboratory contaminants for Test America-Denver comprise the following metals: Metals (6010 & 6020): Ca, Fe, K, Mg, Na, Si, Zn (6020 only): Sn
MMRP SI PSAP Section 7.1.1 Laboratory Report Requirements Page QAPP-7-1	All soils reported on a dry weight basis	Soil samples from MMRP FUDS firing ranges are required to pass through a No. 10 sieve before sample digestion and analysis. However, soils collected from these sites may exhibit characteristics (i.e., clayey) that prevent effective sieving. To standardize sample preparation for all samples collected at Shaw's MMRP FUDS firing ranges; Test America-Denver will follow homogenization procedures referenced in Shaw's Quality Assurance Summary (QAS) No. 73382 Revision 1. Shaw's QAS No. 73382 Revision 1 involves air drying soil samples for a minimum of 24 hours before the sample is homogenized and passed through a No. 10 sieve. In addition to identifying all soil samples that require sieving on the CoC, Shaw will reference QAS No. 73382 Revision 1. Samples that are process by QAS No. 73382 are not corrected for percent moisture. Test America – Denver's shaw metals soil preparation procedure is provided for USACE review.

I. Project Name	FUDS MMRP NWO	**II.** Project Number:	116188
III. Date Of Issue	9/15/2009	**IV.** Linked w/NC No: (if applicable)	N/A

Section of DoD QSM or MMRP SI PSAP	DoD QSM or MMRP SI PSAP Requirement	Point of Clarification
DoD QSM Version 3 Section 5.10.2.g, Grey Box 75	For DoD work, both date and time of analysis are considered to be essential information, regardless of the length of the holding time, and shall be included as part of the laboratory report.	The laboratory does routinely report date and time of analysis. However, Test America - Denver normally calculates holding time to the same units as expressed in the methods. For example, if the holding time is expressed in hours, then we measure to the hour; and if expressed in days, then we measure to the day. We believe our practice is consistent with the methods and the standard practice of EPA data validators.
Section of DoD Perchlorate Handbook	**DoD Perchlorate Handbook Requirement**	**Point of Clarification**
DoD Perchlorate Handbook, Appendix G, Guidance on Selecting Analytical Methods and Services, Page 7 of 11, Table G-3, Minimum QC Requirements for MS Methods	Text uses the terms "Method Reporting Limit" and "Limit of Quantitation".	TA-Denver understands that these terms are used interchangeably. Further, TA-Denver understands that the Method Reporting Limit (MRL) must be supported by a calibration standard and that the Method Detection Limit (MDL) must be at least three (3x) lower than the MRL. (MRL ≥ 3x MDL).
Appendix G, Page 8 of 11; Table G-3; Minimum QC Requirements for MS Methods	Limit of Detection Verification Standard (LODV) to be analyzed before and after every batch of samples or after every 10 samples. Perchlorate spike concentration is approximately "2x" the LOD. Recovery within 30% of its true value.	The laboratory's PQL is established at 0.05ug/L (aqueous MDL – 0.0088ug/L) and 1.0ug/kg (soil MDL – 0.21ug/kg). The LODV will be analyzed at 0.02ug/L for aqueous matrices and 0.20ug/kg for soil matrices.
Identified by: Tim Roth, Shaw Environmental, Inc.		Date: 9/15/09

Shaw Environmental & Infrastructure, Inc.

Variance No: Chem-009 Page 8 of 8

I. Project Name	FUDS MMRP NWO	**II.** Project Number:	116188
III. Date Of Issue	9/15/2009	**IV.** Linked w/NC No: (if applicable)	N/A

-- Variance Report For FUDS MMRP NWO --

VI. Variance Requested: (by the person identifying the variance and the review committee)

Tim Roth, Shaw Environmental, Inc.

To Be Performed by: Test America-Denver

To Be verified by: Debra Henderer, Test America-Denver | Date:

VII. Justification of Variance: (by the review committee)

See Section V. Justification of Variance

VIII. Applicable Document/Work Plan: (by the person identifying the change)

Shaw Environmental, Inc., 2006, Type I Work Plan, Site Inspections at Multiple Sites, NWO Region, Formerly Used Defense Sites, Military Munitions Response Program, February.

Distribution List:

Shaw Project Files
Debra Henderer, Test America-Denver
Daniel Throckmorton, USACE NWO

-- Signatures --

Requested by: **Tim Roth** Date: **09/15/09**
(printed name and date)
Signature:

USACE Approved **Daniel Throckmorton, E NWO** Date: 10/6/09
(printed name and date)
Signature:

Project Manager: **Peter Kelsall** Date 10/26/
(printed name and date)
Signature:

QA Approval: **Paul Sadowski** Date 10/8/09
(printed name and date)
Signature:

Appendix H
Geographic Information Systems Data

GIS Coordinates
Fort Des Moines, Des Moines, Iowa
Pistol Range MRS

OBJECTID	NAME	LAYER	GM_TYPE	ELEVATION	Notes	Sample_ID	Photo_ID	X_UTM	Y_UTM	UTM_Zone
1	001	21-JUN-11 15:44:31	Waypoint	291.16	Photo 1 - Facing SE to pavilion at parking area.		1	449060.61400	4596622.03410	15N
2	002	21-JUN-11 15:47:36	Waypoint	283.23	Photo 2 - Facing SW to lake from mowed path.		2	449170.38140	4596515.35210	15N
3	003	21-JUN-11 15:50:38	Waypoint	278.67	Photo 3 - Facing E to wetlands near western boundary of MRS.		3	449226.96330	4596431.02910	15N
4	004	21-JUN-11 16:00:23	Waypoint	276.98	Photo 4 - (no direction) No significant surface water observed on western boundary of wetland; Photo 5 - Facing east into wetland.		4, 5	449247.65580	4596426.03170	15N
5	005	21-JUN-11 16:03:20	Waypoint	276.74	Noted surface water flowing SE out of wetland towards 5th Street. Photo 6 - Facing SE along surface water flow out of wetland.		6	449271.77110	4596428.38230	15N
6	006	21-JUN-11 16:07:03	Waypoint	276.74	Noted standing water in wetland.			449267.20300	4596438.54000	15N
7	007	21-JUN-11 16:12:16	Waypoint	284.91	Near top of salvage wall. No evidence of munitions.			449246.29600	4596486.56140	15N
8	008	21-JUN-11 16:16:22	Waypoint	282.99	At top of salvage wall along N boundary of MRS.			449233.65850	4596481.23230	15N
9	009	21-JUN-11 16:21:11	Waypoint	277.46	Standing water observed near base of salvage wall, some bricks and cinder blocks possibly associated with range targets. Photo 7 - (no direction) Standing water; Photo 8 - Facing SE to firing line.		7, 8	449227.72780	4596444.80200	15N
10	010	21-JUN-11 16:24:07	Waypoint	280.11	Photo 9 - Facing NW up salvage wall; Photo 10 - Cinder block and wood post.		9, 10	449221.89350	4596455.24620	15N
11	011	21-JUN-11 16:26:58	Waypoint	279.39	Photo 11 - Cinder block and brick, possibly associated with range targets.		11	449227.33250	4596460.94800	15N
12	012	21-JUN-11 16:35:16	Waypoint	282.99	Photo 12 - Facing E from top of lake dam to firing line area; Photo 13 - Facing W across lake from top of dam.		12, 13	449197.28990	4596400.15090	15N
13	013	21-JUN-11 16:43:16	Waypoint	271.70	Photo 14 - Facing E to outflow from lake dam.		14	449212.34770	4596308.33750	15N
14	014	21-JUN-11 17:00:54	Waypoint	286.84	Photos 15/16 - Ft. Des Moines park signs.		15, 16	449370.74000	4596671.38840	15N
15	015	21-JUN-11 17:15:51	Waypoint	290.20	Photos 17/18 - South to Buildings 81/83, historical indoor ranges; Photo 19 - North to Building 58, possible administrative building associated with historical indoor ranges.		17-19	448444.19610	4596853.76250	15N
16	016	22-JUN-11 7:59:29	Waypoint	273.14	Near SW corner of MRS. Photo 20 - Facing NW towards salvage wall from firing line area; Photo 21 - Facing W towards dam; Photo 22 - Facing E.		20-22	449258.47450	4596393.43610	15N
17	017	22-JUN-11 8:03:58	Waypoint	272.90	Photo 23 - Old rusted truck body.		23	449275.58860	4596417.09740	15N
18	018	22-JUN-11 8:06:32	Waypoint	272.90	At stream flowing SE from wetland.			449272.92730	4596426.67550	15N
19	019	22-JUN-11 8:08:03	Waypoint	273.62	At stream flowing E (direction change). Photo 24 - Sheet metal cabinet in creek.		24	449282.91700	4596422.13090	15N
20	020	22-JUN-11 8:13:10	Waypoint	272.42	At stream flowing E.			449288.82290	4596430.14980	15N
21	021	22-JUN-11 8:15:44	Waypoint	275.06	Photo 25 - Facing NW up the E side wall of salvage wall side skirt.		25	449271.31010	4596447.08230	15N
22	022	22-JUN-11 8:21:24	Waypoint	275.30	Resume wetland mapping.			449266.30790	4596441.77710	15N
23	023	22-JUN-11 8:30:36	Waypoint	278.91	Photo 26 - Facing NE towards wetland; Photo 27 - Facing N towards salvage wall.		26, 27	449232.48600	4596428.47000	15N
24	024	22-JUN-11 8:33:05	Waypoint	277.22	Photo 28 - Manhole cover for sewer line.		28	449235.20200	4596418.38080	15N
25	025	22-JUN-11 18:02:16	Waypoint	279.15	At former landfill (as identified by Dan Cook, IDNR), now paved as parking area for recreational activities. Photo 36 - S across lake; Photo 37 - E across lake; Photo 38 - N across lake.		36-38	449028.57410	4596359.01820	15N
26	177A001	22-JUN-11 9:23:14	Waypoint	277.46	Sample NWO-177-0001/0005 (FD) along face of salvage wall as planned.	NWO-177-0001/0005		449231.53000	4596470.46660	15N
27	177A002	22-JUN-11 9:39:34	Waypoint	280.11	Sample NWO-177-0002 along face of salvage wall as planned.	NWO-177-0002		449223.11550	4596464.06420	15N
28	177A003	22-JUN-11 9:51:22	Waypoint	279.87	Sample NWO-177-0003 along face of salvage wall as planned.	NWO-177-0003		449217.87330	4596459.06050	15N
29	177A004	22-JUN-11 10:05:08	Waypoint	281.07	Sample NWO-177-0004 along face of salvage wall as planned.	NWO-177-0004		449215.05700	4596452.52980	15N
30	177A005	22-JUN-11 15:13:46	Waypoint	278.67	Sample NWO-177-1001 (sediment)/2001 (surface water). Photo 32 - sample location.	NWO-177-1001/2001	32	449235.07280	4596465.22350	15N
31	177A006	22-JUN-11 15:52:04	Waypoint	277.95	Sample NWO-177-1002 (sediment)/2002 (surface water). Photo 33 - sample location.	NWO-177-1002/2002	33	449225.13060	4596453.98000	15N

GIS Coordinates (Cont.)
Fort Des Moines, Des Moines, Iowa
Pistol Range MRS

OBJECTID	NAME	LAYER	GM_TYPE	ELEVATION	Notes	Sample_ID	Photo_ID	X_UTM	Y_UTM	UTM_Zone
32	177A007	22-JUN-11 16:22:45	Waypoint	276.74	Sample NWO-177-1003/1004 (sediment; FD)/2003/2004 (surface water; FD). Photo 34 - sample location.	NWO-177-1003/1004	34	449229.64450	4596443.25640	15N
33	177A008	22-JUN-11 10:39:32	Waypoint	285.16	Sample NWO-177-5001-MS/MSD (background). Photo 29 - sample location.	NWO-177-5001	29	449367.06170	4596658.53520	15N
34	177A009	22-JUN-11 10:58:55	Waypoint	281.55	Sample NWO-177-5002 (background). Photo 30 - sample location.	NWO-177-5002	30	449230.06500	4596648.78440	15N
35	177A010	22-JUN-11 11:13:08	Waypoint	289.48	Sample NWO-177-5003 (background).	NWO-177-5003		449018.79800	4596662.92070	15N
36	177A011	22-JUN-11 11:28:03	Waypoint	285.40	Sample NWO-177-5004 (background).	NWO-177-5004		448795.43830	4596676.67160	15N
37	177A012	22-JUN-11 11:41:53	Waypoint	287.08	Sample NWO-177-5005 (background).	NWO-177-5005		448666.00800	4596564.77830	15N
38	177A013	22-JUN-11 11:55:13	Waypoint	283.71	Sample NWO-177-5006 (background).	NWO-177-5006		448826.26080	4596333.16070	15N
39	177A014	22-JUN-11 12:06:16	Waypoint	286.60	Sample NWO-177-5007 (background).	NWO-177-5007		448868.39270	4596201.35180	15N
40	177A015	22-JUN-11 12:16:24	Waypoint	286.36	Sample NWO-177-5008 (background). Photo 31 - Facing E to lake.	NWO-177-5008	31	448988.94060	4596193.10390	15N
41	177A016	22-JUN-11 13:20:29	Waypoint	280.59	Sample NWO-177-5009 (background).	NWO-177-5009		449163.95690	4596193.42260	15N
42	177A017	22-JUN-11 13:33:44	Waypoint	273.38	Sample NWO-177-5010 (background).	NWO-177-5010		449201.16080	4596279.17210	15N
43	177A018	22-JUN-11 17:18:55	Waypoint	282.51	Sample NWO-177-5011 (background sediment)/6001-MS/MSD (background surface water). Photo 35 - sample location.	NWO-177-5011/6001	35	448827.99830	4596333.41490	15N

FD = field duplicate
IDNR = Iowa Department of Natural Resources
MRS = Munitions Response Site
MS/MSD = matrix spike/matrix spike duplicate

Appendix I
Geophysical Data

This appendix is not used.

Appendix J
Conceptual Site Model

1.0 Conceptual Site Model – Pistol Range MRS

1.1 Overview

A site-specific conceptual site model (CSM) summarizes available site information and identifies relationships between exposure pathways and associated receptors. A CSM is used to determine the data types necessary to describe site conditions and quantify receptor exposure, and discusses the following information:

- Current site conditions and future land use;
- Potential munitions and explosives of concern (MEC) and munitions constituents (MC) sources (e.g., lead projectiles in an impact berm);
- Affected media;
- Governing fate and transport processes (e.g., surface water runoff and/or groundwater migration);
- Exposure media (i.e., media through which receptors could contact site-related MEC and MC);
- Routes of exposure (e.g., inhalation, incidental ingestion, and dermal contact); and
- Potential human and/or representative ecological receptors at the exposure point. Receptors likely to be exposed to site MEC or MC are identified based on current and expected future land uses.

The CSM has been evaluated for completeness and has been updated with the results of the 2011 Site Inspection (SI). One Munitions Response Site (MRS) is identified at the Fort Des Moines Formerly Used Defense Site (FUDS). The MRS is the Pistol Range, which is identified in the MRS Inventory in the *Defense Environmental Programs Annual Report to Congress Fiscal Year 2010* (Department of Defense [DoD], 2010).

1.2 Background

The CSM is based on information presented in the *Revised Inventory Project Report* (INPR) (U.S. Army Corps of Engineers [USACE], 2010), *Des Moines SuperBlock Southside Planning Study* (City of Des Moines, 2008), *Site Specific Chemical Warfare Materiel* (CWM) *Scoping and Security Study Report* (Parsons, 2006), *Archives Search Report* (ASR) (USACE, 2006b), and the *ASR Supplement* (USACE, 2004). Additionally, the CSM includes information obtained from site observations and analytical results from the June 2011 SI field work.

1.2.1 History of Use

Fort Des Moines was established in 1901 as a cavalry post. Until 1917, multiple companies of infantrymen were stationed at Fort Des Moines. In 1917, Fort Des Moines became an Officers Training Camp for troops and a training camp for medical personnel. Fort Des Moines was

converted to a hospital base in 1918 for soldiers recuperating from fighting in Europe. Between 1920 and the beginning of World War II, Fort Des Moines was occupied by a cavalry unit and elements of field artillery units. In 1940, Fort Des Moines was converted into a reception center for Iowa draftees. In 1942, Fort Des Moines was converted into the first training center for the Women's Army Auxiliary Corps. Fort Des Moines was closed in May 1946 and the majority of the fort was declared surplus and the property turned over to the War Assets Administration and subsequently assigned to the Federal Housing Authority. In 1958, Fort Des Moines was reacquired by the DoD and used as the Iowa Sector for the XIV Army Corps Reserve Training Center. In 1976, the former cantonment area of Fort Des Moines was placed on the National Register of Historic Places as a National Historic Landmark District because of its rich cultural history as a training center.

Two engineering drawings prepared by the Fort Des Moines Office of the Facilities Engineer, dated April 1961 and September 1975, depict a "Rifle Range" on the FUDS property at the location of the Pistol Range MRS that is the subject of this SI. Available historical aerial photographs were reviewed from the years 1938, 1950, and 1967. The range is not visible on the 1938 and 1950 photographs. The range is clearly visible on the 1967 aerial photograph. Therefore, based on the available historical evidence, the range would have been constructed sometime between 1950 and 1961, possibly associated with the reacquisition of Fort Des Moines by the DoD in 1958 for use as a training center. The range was most likely used from this time until 1970 when the land was transferred to Polk County.

1.2.2 Overview of Site Characteristics

Use of the former range was limited to small arms where troops would have trained with rifle and pistol munitions of .45-caliber or less. The range is located on land currently owned by Polk County that was renovated into a county park in the 1970s. The Fort Des Moines Park is used primarily for hiking and picnicking and contains nature trails, a children's playground, two picnic shelters, a 1.5-acre arboretum, a ball field, and a manmade lake. The lake is used for boating (canoeing, kayaking, and electric motors only) and fishing; swimming is not permitted (Fort Des Moines Park, 2011). The Pistol Range MRS is located approximately 150 feet (ft) northeast of the manmade lake. The lake is approximately 13 acres in size, about 30 ft deep at its greatest depth, and averages 15 ft in depth. According to the Polk County Conservation Board, the lake was constructed in 1976 during renovation of the property into a county park.

Elevations at the Pistol Range MRS range from approximately 915 ft above mean sea level (amsl) in the northwestern portion near the earthen backstop berm to approximately 875 ft amsl in the southeastern portion near the former firing line. The earthen backstop berm remains intact and is approximately 50 yards in length and approximately 25 ft in height. The MRS is located in a heavily wooded area with a thick understory of shrubs and vines. The MRS does not contain intermittent or perennial streams; however, it does contain a relatively small wetland (less than

0.5 acre in areal extent) that has developed over the former range floor extending near the base of the earthen backstop berm throughout much of the range.

1.2.3 Munitions and Associated MC

The most likely small arms ammunition used at the MRS would have been the .30-caliber Type M2 ball ammunition used in the carbine rifle. Ball ammunition for the .30-caliber usually contained a slug of antimony-hardened lead. Other small arms rifle ammunition that may have been used would be the .22-caliber long rifle. Pistol calibers would include the .45-caliber M1911, .38-caliber, and .22-caliber short. The predominant MC at small arms ranges include antimony, copper, lead, and zinc.

1.2.4 Previous MEC Finds

Documented MEC finds or munitions debris (MD) (including debris associated with small arms munitions) has not been reported for the Pistol Range MRS. There are no accounts of site visits to the Pistol Range MRS in the INPR (USACE, 1992), ASR, *ASR Supplement,* or the Site Specific CWM Scoping and Security Study Report.

1.2.5 Previous MC Sample Results

MC sampling has not occurred at the MRS.

1.2.6 Current and Future Land Use

The MRS is located on land zoned in an agricultural district, currently owned by Polk County and managed by the Polk County Conservation Board (which renovated the parcel into the Fort Des Moines Park in the 1970s). The Fort Des Moines Park provides outdoor recreation, conservation education, and long-term protection of Polk County's natural heritage and is managed for recreational, educational, and ecological purposes. The park's recreational uses include hiking on nature trails, picnicking, children's playground, a 1.5-acre arboretum, a ball field, and a lake. The 13-acre lake is used for boating (canoeing, kayaking, and electric motors only) and fishing; swimming is not permitted. The Pistol Range MRS is located near a nature trail and the lake. Future land use for the MRS is expected to remain as a county park; however, future park improvements are possible.

1.2.7 Sensitive Environments

The U.S. Fish and Wildlife Service (USFWS), Rock Island Field Office, lists two endangered species and two threatened species known to exist in Polk County (USFWS, 2010). One endangered species, the Indiana bat (*Myotis sodalis*), prefers summer habitat in forested areas near permanent bodies of water. The Pistol Range MRS contains the preferred habitat for the Indiana bat; however, sightings have not been reported. According to a Natural Resources Specialist with the Polk County Conservation Board, one of the Iowa state threatened species,

the Oval Ladies-tresses (*Spiranthes ovalis*) a perennial forb, may have potential habitat within the Fort Des Moines Park (Polk County Conservation Board, 2010).

An inventory of existing plant communities present within the Fort Des Moines Park was prepared in July 2007 by a professor of biology at Drake University (Rosburg, 2007). A total of 222 plant species were identified in the park during the survey. One Iowa State special concern plant species was encountered in small numbers in a few populations in the Fort Des Moines Park. Bush's sedge (*Carex bushii*) was identified approximately 300 ft north of the MRS. The plant community survey did not identify the Oval Ladies-tresses. The small emergent wetland located on the MRS was mapped during the survey (Rosburg, 2007).

The Iowa Department of Natural Resources (IDNR) Conservation and Recreation Division, states "The Department has searched for records of rare species and significant natural communities in the project area and found no site-specific records that would be impacted by this project. However, these records and data are not the result of thorough field surveys. If listed species or rare communities are found during the planning or construction phases, additional studies and/or mitigation may be required" (IDNR, 2010).

A small wetland has developed on the former small arms range floor since the range closed circa 1970. This non-jurisdictional emergent wetland qualifies the MRS as an Important Ecological Place (IEP) or Sensitive Environment as defined by the USACE (2006a) or the U.S. Environmental Protection Agency (EPA, 1997), respectively.

1.3 MEC Evaluation

This section provides an evaluation of the potential MEC associated with the munitions formerly used at the MRS. An analysis of the exposure pathways and receptors for MEC is provided in Diagram J-1.

1.3.1 Types of MEC

Discarded small arms ammunition (such as .22-, .30-, .38-, or .45-caliber cartridges) may be present at any small arms firing range. Discarded cartridges would typically be found at small arms ranges near the firing lines and not at the target areas.

1.3.2 Human Receptors

Human receptors include recreational site users and county park employees.

1.3.3 Route of Exposure

The primary potential route of human exposure to MEC is through direct contact in surface soil. Receptors are not expected to be exposed to MEC through intrusive activities in subsurface soil.

1.3.4 MEC Risk Assessment

A deliberate effort must be applied (using a tool resembling a firing pin) to a very specific small point (the primer) to make a discovered small arms round function. Therefore, the potential presence of discarded small arms ammunition at a former small arms range is considered to present no significant explosive hazard. There have not been any prior reports of the discovery of intact cartridges.

Shaw Environmental, Inc. completed a magnetometer-assisted (which included the use of an all-metals detector) visual reconnaissance of the Pistol Range MRS in June 2011 as part of the SI field effort. The field team covered a total of approximately 9,100 ft or 1.7 miles during the meandering path reconnaissance conducted within the MRS. Evidence of MEC was not observed. The field team did not observe any MD or discarded military munitions. Therefore, the pathway of exposure from potential MEC to human receptors is considered to be incomplete.

1.4 MC Pathway Evaluation

This section provides an evaluation of the potential MC associated with the munitions formerly used at the Pistol Range MRS. An analysis of the exposure pathways and receptors for MC is provided in Diagram J-2.

1.4.1 Types of MC

The most likely small arms ammunition used at the FUDS would have been the .22-caliber short, the .38-caliber, and the .45-caliber pistol and the .22-caliber long rifle and the .30-caliber rifle. The MC of concern are the metals antimony, copper, lead, and zinc.

The projectile (bullet) and cartridge case (containing propellant and primer) contain other constituents that are excluded from the site inspection. The four selected metallic constituents are Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) hazardous substances and are appropriate indicator analytes for analysis (lead, antimony, copper, and zinc). Other metals are non-hazardous (e.g., iron); minor constituents with limited potential quantities (nickel, a possible minor constituent of projectile jacketing); or are both non-hazardous and involve limited potential quantities (e.g., barium, calcium, magnesium, potassium, and other components). Primer and propellant are largely dispersed in the air upon firing and involve limited potential quantities.

1.4.2 Soil Exposure Pathway

1.4.2.1 Sources of MC

Potential sources of MC would be derived from spent small arms ammunition and would be deposited on site soils primarily in the earthen backstop berm located behind the target area. The primary source of potential MC (i.e., the earthen berm) remains intact at the MRS.

1.4.2.2 Exposure Pathway

The primary exposure pathway for the dispersal of potential MC is from direct contact with soil in the earthen backstop berm. The berm (which remains entirely intact) is located behind the former target area at the MRS and is suspected to be the greatest source of potential MC from lead in projectiles. Human and ecological receptors could be exposed to the soil in the berm.

The prominent soil types found in the northwestern portion of the MRS (nearest the earthen backstop berm) are formed from loess and subglacial till and include two soil types found on hill slopes: the Lagoda silty clay loam and the Gara clay loam. The Lagoda silty clay loam is a moderately eroded soil that is found on slopes of 9 to 14 percent and is moderately well-drained. The Gara clay loam soil is a moderately eroded soil found on slopes of 9 to 14 percent and is well-drained. The Lagoda and Gara loams consist of approximately 33 percent clay in the upper 24 inches of the soil horizon.

Present in the wetland portion of the MRS is the Colo, occasionally flooded-Judson complex. The Colo is a poorly drained partially hydric soil formed from silty alluvium forming drainage ways on slopes of 2 to 5 percent. The Colo consists of approximately 31 percent clay in the upper 24 inches of the soil horizon. When inundated, the Colo has a very slow infiltration rate and consists chiefly of clays that have a high shrink-swell potential located within a high water table with a claypan or clay layer at or near the surface.

1.4.2.3 Land Use and Access

The MRS is owned by Polk County and managed by the Polk County Conservation Board as part of the Fort Des Moines Park. The park is used for recreational, educational, and ecological purposes. The MRS is relatively inaccessible; however it is located near a nature trail and the 13-acre fishing lake. The Fort Des Moines Park can be accessed via County Park Road to the north (from SE 5th Street to the east). Access to the Pistol Range MRS for human receptors is difficult because of the densely vegetated surroundings containing smilax (thorns) vines, shrubs, poison ivy, etc. Once the surrounding dense vegetation has been penetrated, the presence of inundated soils and the standing water in the wetland make further movement impractical.

1.4.2.4 Human Receptors

The potential routes of human exposure to potentially contaminated soil are dermal contact and ingestion. Potential receptors include recreational site users and county park employees.

1.4.2.5 Human Health Assessment

Four surface soil samples were collected near the base of the earthen backstop berm at the MRS during the 2011 SI field effort. The concentrations of antimony, copper, lead, and zinc did not exceed background screening values in any of the four surface soil samples collected at the MRS. The soil pathway was determined to be an incomplete exposure medium for potential human receptors.

1.4.2.6 Ecological Assessment

The MRS is located within a county park that provides outdoor recreation, conservation education, and long-term protection of the county's natural heritage. The MRS contains a non-jurisdictional emergent wetland, is managed for ecological purposes, and therefore is an IEP.

Soil analytical results were only compared to human health screening values if background screening values were exceeded. Concentrations of MC metals in the surface soil samples collected at the Pistol Range MRS did not exceed any background screening values. The soil pathway was determined to be an incomplete exposure medium for potential ecological receptors.

1.4.3 Surface Water/Sediment Pathway

1.4.3.1 Sources of MC

Potential sources of MC are derived from spent small arms ammunition (lead, copper, antimony, and zinc) and are deposited on site soils primarily in the earthen backstop berm located behind the target area. Surface water runoff from the earthen berm has the potential for migration of MC to surface water and sediment media. The wetland located near the earthen backstop berm in the former target area was sampled in the form of three collocated surface water and sediment samples. Surface water samples were collected both as total (or unfiltered) samples and as dissolved (or filtered) samples.

1.4.3.2 Migration Pathway

The Pistol Range MRS does not contain intermittent or perennial surface water streams; however, the small wetland present near the base of the earthen backstop berm extends throughout much of the former range floor. The non-jurisdictional wetland most likely would be classified as an emergent wetland. The length of time throughout the year that inundated soil conditions persist is not known. Leakage from the man-made lake impoundment located immediately upslope could provide year-round soil saturation. The wetland probably would be classified as semi-permanently or seasonally flooded, at the least. Semi-permanently flooded surface water persists throughout the growing season in most years. When surface water is absent, the water table is usually at or very near the land surface. The wetland may be permanently flooded throughout the year based on potential leakage from the impoundment.

Field work performed during the 2011 SI confirmed that the wetland is not isolated but is connected to "waters of the United States" and drains to the southeast, towards an unnamed intermittent creek located outside of the MRS near the southeastern border of the FUDS. The intermittent creek flows through a culvert beneath SE 5th Street and generally meanders in an easterly to southeasterly fashion where it empties into the North River located approximately 1.5 miles to the southeast.

1.4.3.3 Surface Water Use and Access

Perennial or intermittent streams or creeks are not present on the MRS. The surface water present at the MRS is confined to the water present in the wetland during periods of inundation. There are no known uses of the water present in the wetland (such as fishing, for example).

The MRS is relatively inaccessible; however, it is located near a nature trail and a 13-acre lake used for fishing and boating. The wetland area is completely surrounded by woods with a thick understory of shrubs, vines, and thorns. The emergent wetland contains inundated soils and cattails, sedges, bulrushes, and grasses that would be very difficult to walk through.

1.4.3.4 Human Receptors

Potential receptors include recreational site users and county park employees.

1.4.3.5 Human Health Assessment

Three collocated sediment/surface water samples were collected from the portion of the emergent wetland closest to the earthen backstop berm. Sediment analytical results were only compared to human health screening values if background threshold screening values were exceeded. The concentrations of MC metals of concern did not exceed the background values in any of the sediment samples.

Surface water analytical results were only compared to human health screening values if background threshold screening values were exceeded. Concentrations of copper and zinc in one sample exceed their respective background screening values in the total or unfiltered samples; however, the concentrations did not exceed their respective human health screening values. The concentrations of total or unfiltered lead exceed the background screening value in two surface water samples; however, the concentrations did not exceed the human health screening value.

The location of the Pistol Range MRS in a wooded area with densely covered understory of shrubs and vines greatly limits if not prevents access to the MRS. The marshy conditions present on the range floor further discourage human interaction. Surface water and sediment exposure media present incomplete pathways for potential exposure to human receptors.

1.4.3.6 Ecological Assessment

One exposure pathway for the dispersal of potential MC to ecological receptors is from direct contact with sediments and standing surface water present in the emergent wetland located in the former target area. Therefore, sediment and surface water samples collected in this area were screened against ecological screening values (ESVs).

The concentrations of MC metals of concern did not exceed the background threshold values in any of the sediment samples. The concentrations of copper and zinc in surface water that exceed the background screening values did not exceed their respective ESVs. The concentration of lead exceeding the background threshold value in sample NWO-177-2001 did not exceed its ESV in

the unfiltered portion; however, the filtered portion did exceed its ESV. The concentration of lead exceeding the background screening value in sample NWO-177-2003 (and duplicate) exceed the ESV in the unfiltered portion, but do not exceed the ESV in the filtered portion of the sample.

1.4.3.7 Screening-Level Ecological Risk Assessment

Because the MRS has been determined to be an IEP and Sensitive Environment, and concentrations of lead in surface water exceed background threshold values and ecological screening values, an expanded Screening-Level Ecological Risk Assessment (SLERA) was performed for the MRS. The current and reasonable future habitat at the site was evaluated to determine whether any ecological receptors are likely to be present and whether there are complete exposure pathways. Based on the habitat and species information provided, current and expected future land use suggests that ecological receptors are using, and will continue to use, the Pistol Range MRS.

Chemicals of potential ecological concern were not detected in soil or sediment but were detected in surface water. Because adequate habitat exists and a complete exposure pathway is present, an expanded SLERA was performed to further evaluate the surface water pathway at the Pistol Range MRS. Results from three surface water samples were compared to site-specific background threshold concentrations and ESVs for the Pistol Range MRS. Surface water samples were collected from the emergent wetland nearest the earthen backstop berm that served as a backstop for small arms fire. This approach included both total (unfiltered) and dissolved (filtered) results. Dissolved (filtered) concentrations are considered to be bioavailable and thus more important for aquatic receptors.

Concentrations of lead from one sample (and its duplicate) exceed both the background threshold concentration and the ESV; however, only the total (unfiltered) results exceed the screening criteria. Because the dissolved (filtered) concentrations are bioavailable to aquatic receptors, the total (unfiltered) results may be discounted, as they are not bioavaliable. Dissolved chemical concentrations are more readily absorbed though the gills (and other permeable aquatic biota membranes), compared with the total fraction that includes chemicals adsorbed to particles in the water column. Chemicals adsorbed to particles would be much less bioavailable to aquatic life, as this form of chemical would not easily cross gill or membrane boundaries and therefore would not result in a biologically significant dose (Suter et al., 2000).

It is also important to note that water hardness data collected from the surface water samples indicates that the surface water present at the MRS is relatively hard. The average hardness of the three water samples collected at the MRS is 267 milligrams per liter (mg/L). For metals such as lead, elevated hardness is associated with reduced aquatic toxicity. The lead ESVs are based on an assumed water hardness of 100 mg/L calcium carbonate (IDNR, 2007).

Following guidance described in the IDNR Water Quality Standards (IDNR, 2007) and by the EPA National Ambient Water Quality Criteria (EPA, 2009), the site-specific surface water ESV for lead may be adjusted based on elevated hardness. Thus, the maximum detected dissolved (filtered) concentration of lead at the MRS (2.72 micrograms per liter [µg/L]) does not exceed the hardness-adjusted ESV of 7.2 µg/L.

The SLERA also considered the potential concern for large lead particles, or lead shot, to be present at the Pistol Range MRS, and the possibility that this could adversely impact certain species of birds that intentionally ingest grit to add their digestion (such as grouse, pheasants, turkeys, partridges, or domestic fowl). Close visual examination during soil collection did not uncover evidence of lead fragments or lead shot at the site; nor did the analytical laboratory performing sample sieving, report evidence of lead fragments or lead shot in the surface soil or sediment samples. The SLERA concluded based on these considerations that further ecological evaluation is not required for surface water at the Pistol Range MRS, as adverse ecological impacts are not expected.

1.4.4 Groundwater Pathway

There are no known potential exposure points to groundwater (i.e., potable drinking water wells located downgradient and within a distance of potential influence). Because a significant source of MC is not present in the soil, surface water, or sediment in the samples collected near the base of the earthen backstop berm and the nearby former target area, infiltration to the groundwater medium presents an incomplete pathway for potential human exposure. Further, the Colo soil present in this portion of the MRS does not promote infiltration. The soil is partially hydric and located within a high water table with a claypan or clay layer at or near the surface resulting in a very slow rate of water transmission.

1.4.5 Air Pathway

Air is not considered to be a significant exposure medium for potential receptors because inhalation of MC in vapor form is not an exposure route for non-volatile MC under normal environmental conditions. The potential inhalation of soil particles is included in the development of health-based screening values for soil. The pathway from air to potential human or ecological receptors is incomplete.

1.5 CSM Summary

1.5.1 Presence of MEC

Based on historical information, the MRS is a former firing range where known munitions activity was limited to the use of small arms ammunition only. Significant MEC hazard is not present at the Pistol Range MRS based on the following:

- Historical evidence indicates only small arms ammunition was used at the range.

- Small arms ammunition does not pose a significant explosive hazard.
- Reconnaissance performed during the 2011 SI failed to reveal evidence of MEC or MD associated with small arms munitions at the MRS.

1.5.2 Presence of MC

The MC from small arms firing are the metals antimony, copper, lead, and zinc. The primary source of potential MC is the earthen backstop berm and the area immediately in front where targets would have been placed. Much of this area now contains a non-jurisdictional emergent wetland.

Four surface soil samples and three collocated sediment/surface water samples were collected from the MRS for laboratory analysis. Concentrations of MC metals in surface soil and sediment samples did not exceed any background screening values. In surface water, two samples had concentrations of lead greater than the background threshold value but less than the human health screening value. One lead sample result exceeded its ESV in the unfiltered sample but did not exceed its ESV in the filtered result. A second lead sample result exceeded the ESVs in both total and filtered portions of the sample.

Because the MRS is an IEP and Sensitive Environment, and concentrations of lead in surface water exceed background threshold values and ESVs, a SLERA was performed to further evaluate the surface water pathway at the MRS. The SLERA concluded based on the hardness-adjusted lead concentrations and the suspected absence of lead particles in the site media, that further ecological evaluation is not required for surface water at the MRS, as adverse ecological impacts are not expected and significant risks to the environment are not present at the Pistol Range MRS.

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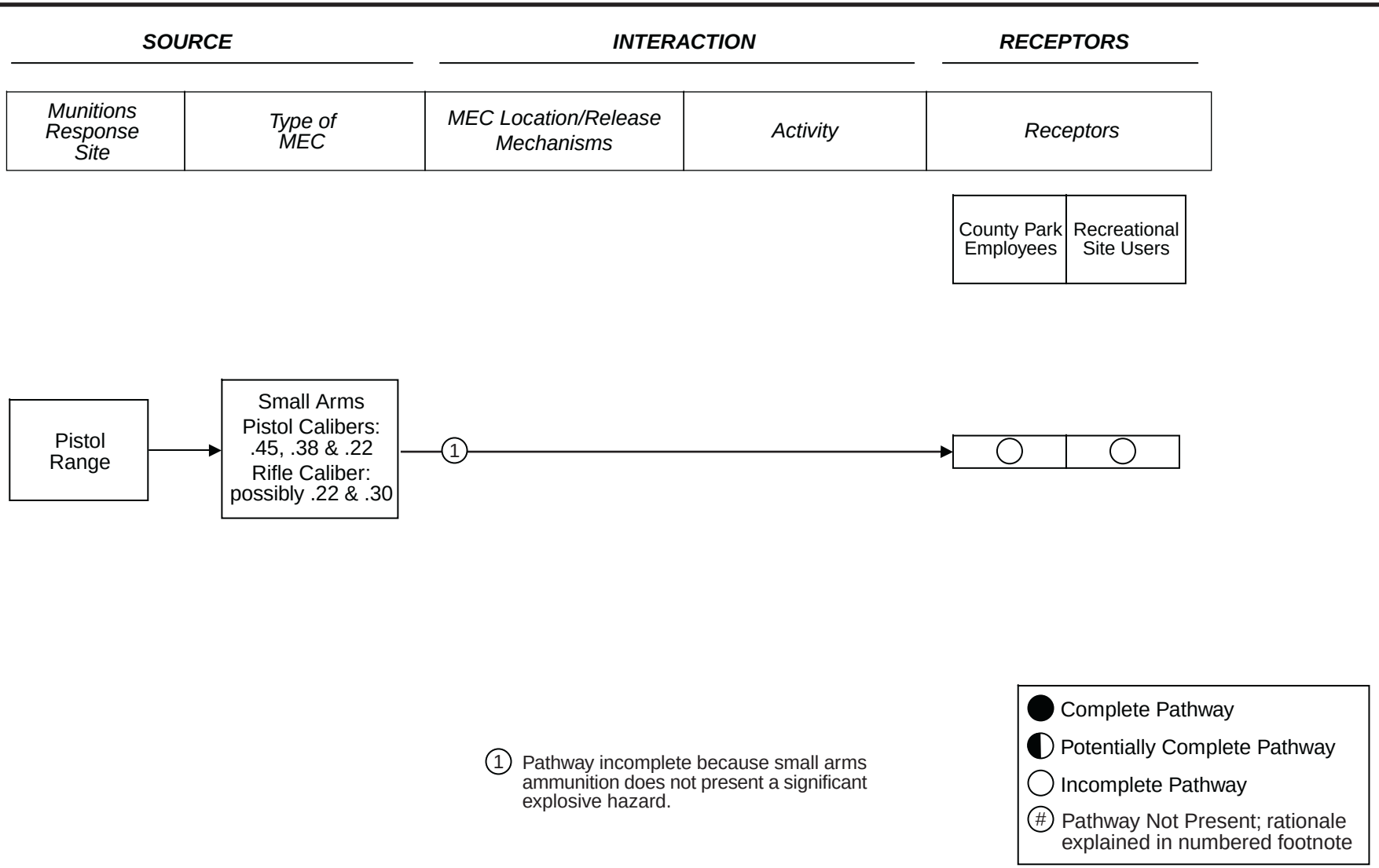

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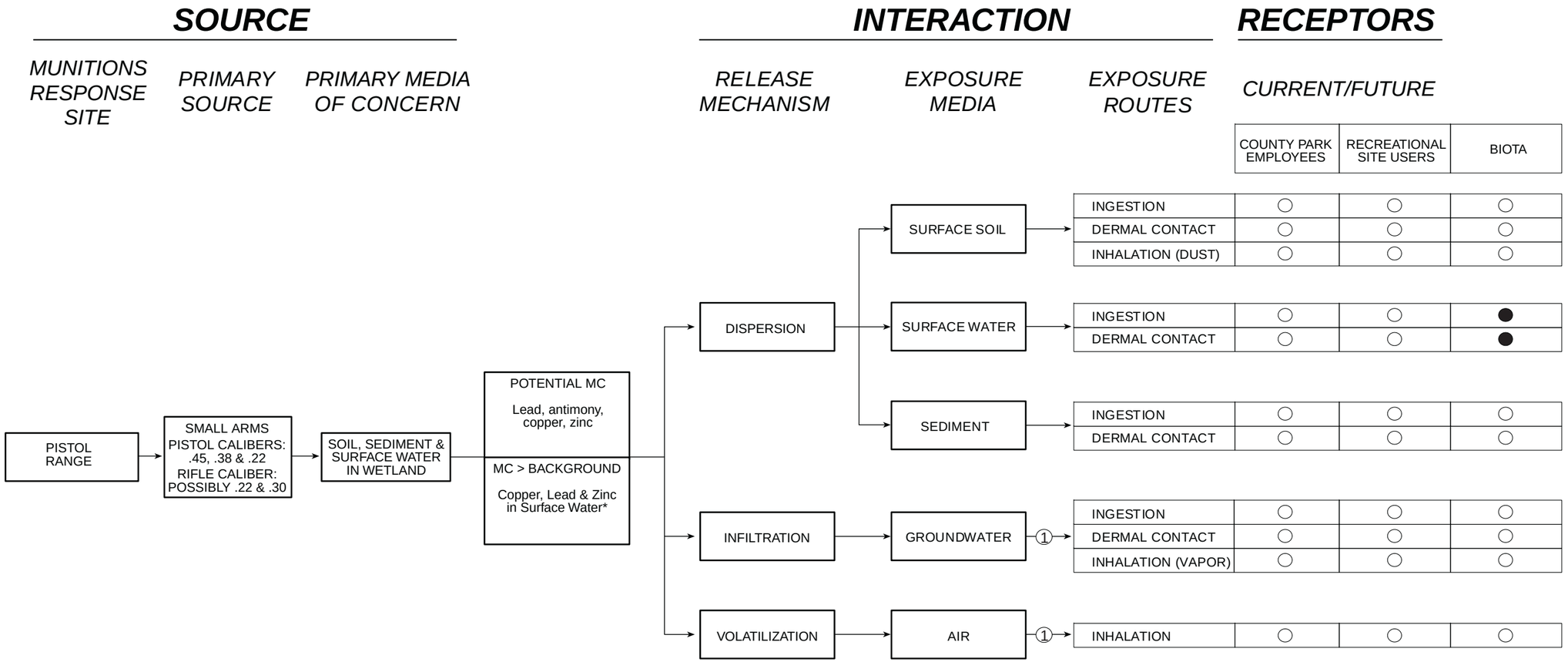
Diagram J-1
MEC Exposure Pathway Analysis
Fort Des Moines
Pistol Range MRS

DRAWING BY	JIS, III	CHECKED BY			DRAWING NO.
	8/19/11	APPROVED BY			S-116188-11/10-w



* Total (undissolved) concentrations of copper, lead & zinc exceed background in one MRS sample. The filtered (dissolved) concentration of lead (2.72 micrograms per liter [ug/L]) exceeds background (0.993 ug/L) and the ecological screening value (2.5 ug/L) in one other sample.

① Not considered viable pathways.

Diagram J-2
MC Exposure Pathway Analysis
Fort Des Moines
Pistol Range MRS

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APPROVED BY
DRAWING BY
JJS, III
8/19/11

Appendix K
Munitions Response Site Prioritization Protocol Evaluations

Table A
MRS Background Information

DIRECTIONS: Record the background information below for the MRS to be evaluated. Much of this information is available from Service and DoD databases. If the MRS is located on a FUDS property, the suitable FUDS property information should be substituted. In the MRS summary, briefly describe the UXO, DMM, or MC that are known or suspected to be present, the exposure setting (the MRS's physical environment), any other incidental nonmunitions-related contaminants (e.g., benzene, trichloroethylene) found at the MRS, and any potentially exposed human and ecological receptors. If possible, include a map of the MRS.

Munitions Response Site Name: PISTOL RANGE (B07IA072903R01)

Component: U.S. ARMY

Installation/Property Name: FORT DES MOINES (FFID IA79799F022800)

Location (City, County, State): DES MOINES, POLK COUNTY, IOWA

Site Name/Project Name (Project No.): FORT DES MOINES (B07IA0729)

Date Information Entered/Updated: 11/16/2011 3:00:00 AM

Point of Contact (Name/Phone): JOHN M. MILLER, USACE-NWO, 402.995.2735

Project Phase (check only one):

o PA	n SI	o RI	o FS	o RD
o RA-C	o RIP	o RA-O	o RC	o LTM

Media Evaluated (check all that apply):

o Groundwater	n Sediment (human receptor)
n Surface soil	n Surface Water (ecological receptor)
n Sediment (ecological receptor)	n Surface Water (human receptor)

MRS Summary:

MRS Description: Describe the munitions-related activities that occurred at the installation, the dates of operation, and the UXO, DMM or MC known or suspected to be present. When possible, identify munitions, CWM, and MC by type:

Fort Des Moines is located in Polk County, Iowa, approximately 5 miles south of the central business district of Des Moines. The FUDS includes 640 acres in Township 78 North, Range 24 West, Sections 33 and 34. The Pistol Range MRS is located in Section 34. In 1958, Fort Des Moines was reacquired by the DoD and used as the Iowa Sector for the XIV Army Corps Reserve Training Center. Based on the available historical evidence, the range would have been constructed sometime between 1950 and 1961, possibly associated with the reacquisition of Fort Des Moines by the DoD in 1958 for use as a training center. Use of the range is suspected up until June 1970 when the land was transferred by the General Services Administration (GSA). The GSA conveyed the parcel to the city of Des Moines for the creation of a Polk County park in October and November of 1972. Based on information in the ASR (USACE, 2006), troops trained with small arms ammunition at the MRS. The small arms ammunition expected most likely consisted of pistol calibers (.45, .38, .32, and .22) and possibly rifle calibers such as .22-caliber M13 or .30-caliber M1903 or M1 rifles (2011 SI Report, Sections 1.2, 2.1, and 2.2).

Coordination with the stakeholders was conducted during the 1st Technical Project Planning Meeting (2011 SI Report, Section 3.1; Appendix B). Per MRSPP requirements, a public notice was issued (2011 SI Report, Section 3.10; Appendix C).

Description of Pathways for Human and Ecological Receptors:
Surface soil, sediment and the shallow surface water zone (present in the form of a non-jurisdictional emergent wetland on site) are the primary potential media for human and ecological receptors to be exposed to MC (2011 SI Report, Section 4.4.1).
Description of Receptors (Human and Ecological):
Human receptors include Polk County Conservation Board employees and recreational site users of the Fort Des Moines Park. Potential ecological receptors would include a wide variety of biota, particularly those associated with the emergent wetland (2011 SI Report, Section 4.4.1). The Alternative Module Rating "No Known Or Suspected Explosive Hazard" is selected in Table 10 per Army Policy Memorandum dated February 2009. The Alternative Module Rating "No Known Or Suspected MC Hazard" is selected in Table 28 following Army MRSPP QA Panel suggestion to match the MRS Priority with the No DoD Action Indicated recommendation. Subsequently, the Alternative MRS Rating "No Known Or Suspected Hazard" is selected in Table 29.

Table 1

EHE Module: Munitions Type Data Element Table

DIRECTIONS: Below are 11 classifications of munitions and their descriptions. Circle the scores that correspond with **all** the munitions types known or suspected to be present at the MRS.

Note: The terms practice munitions, small arms ammunition, physical evidence, and historical evidence are defined in Appendix C of the Primer.

Classification	Description	Score
Sensitive	u UXO that are considered likely to function upon any interaction with exposed persons (e.g., submunitions, 40mm high-explosive [HE] grenades, white phosphorus [WP] munitions, high-explosive antitank [HEAT] munitions, and practice munitions with sensitive fuzes, but excluding all other practice munitions). u Hand grenades containing energetic filler. u Bulk primary explosives, or mixtures of these with environmental media, such that the mixture poses an explosive hazardard.	30
High explosive (used or damaged)	u UXO containing a high-explosive filler (e.g., RDX, Composition B), that are not considered "sensitive." u DMM containing a high-explosive filler that have: n Been damaged by burning or detonation n Deteriorated to the point of instability.	25
Pyrotechnic (used or damaged)	u UXO containing a pyrotechnic fillers other than white phosphorous (e.g., flares, signals, simulators, smoke grenades). u DMM containing pyrotechnic fillers other than white phosphorous (e.g., flares, signals, simulators, smoke grenades) that have: n Been damaged by burning or detonation n Deteriorated to the point of instability.	20
High explosive (unused)	u DMM containing a high explosive filler that: n Have not been damaged by burning or detonation n Are not deteriorated to the point of instability.	15
Propellant	u UXO containing mostly single-, double-, or triple-based propellant, or composite propellants (e.g., a rocket motor). u DMM containing mostly single-, double-, or triple-based propellant, or composite propellants (e.g., a rocket motor) that are: n Damaged by burning or detonation n Deteriorated to the point of instability.	15
Bulk secondary high explosives, pyrothechnics, or propellant	u DMM containing mostly single-, double-, or triple-based propellant, or composite propellants (e.g., a rocket motor). u DMM that are bulk secondary high explosives, pyrotechnic compositions, or propellant (not contained in a munition), or mixtures of these with environmental media such that the mixture poses an explosive hazard.	10
Pyrotechnic (not used or damaged)	u DMM containing a pyrotechnic fillers (i.e., red phosphorous), other than white phosphorous filler, that: n Have not been damaged by burning or detonation n Are not deteriorated to the point of instability.	10
Practice	u UXO that are practice munitions that are not associated with a sensitive fuze. u DMM that are practice munitions that are not associated with a sensitive fuze and that have not: n Been damaged by burning or detonation n Deteriorated to the point of instability.	5
Riot control	u UXO or DMM containing a riot control agent filler (e.g., tear gas).	3
Small arms	u Used munitions or DMM that are categorized as small arms ammunition [Physical evidence or historical evidence that no other types of munitions (e.g., grenades, subcaliber training rockets, demolition charges) were used or are present on the MRS is required for selection of this category.].	*2*
Evidence of no munitions	u Following investigation of the MRS, there is physical evidence that there are no UXO or DMM present, or there is historical evidence indicating that no UXO or DMM are present.	0
MUNITIONS TYPE	**DIRECTIONS:** Record **the single highest score** from above in the box to the right (maximum score = 30).	*2*

DIRECTIONS: Document any MRS-specific data used in selecting the ***Munitions Type*** classifications in the space provided.

Historical evidence (including Fort Des Moines engineering drawings and historical aerial photographs) indicate that only small arms munitions were used at the MRS. The discovery of MEC has not been reported at the MRS (2011 SI Report, Section 4.3.3).

Table 2

EHE Module: Source of Hazard Data Element Table

DIRECTIONS: Below are 11 classifications describing sources of explosive hazards. Circle the scores that correspond with **all** the sources of explosive hazards known or suspected to be present at the MRS.

Note: The terms former range, practice munitions, small arms range, physical evidence, and historical evidence are defined in Appendix C of the Primer.

Classification	Description	Score
Former range	u The MRS is a former military range where munitions (including practice munitions with sensitive fuzes) have been used. Such areas include impact or target areas and associated buffer and safety zones.	10
Former munitions treatment (i.e., OB/OD) unit	u The MRS is a location where UXO or DMM (e.g., munitions, bulk explosives, bulk pyrotechnic, or bulk propellants) were burned or detonated for the purpose of treatment prior to disposal.	8
Former practice munitions range	u The MRS is a former military range on which only practice munitions without sensitive fuzes were used.	6
Former maneuver area	u The MRS is a former maneuver area where no munitions other than flares, simulators, smokes, and blanks were used. There must be evidence that no other munitions were used at the location to place an MRS into this category.	5
Former burial pit or other disposal area	u The MRS is a location where DMM were buried or disposed of (e.g., disposed of into a water body) without prior thermal treatment.	5
Former industrial operating facilities	u The MRS is a location that is a former munitions maintenance, manufacturing, or demilitarization facility.	4
Former firing points	u The MRS is a firing point, where the firing point is delineated as an MRS separate from the rest of a former military range.	4
Former missile or air defense artillery emplacements	u The MRS is a former missile defense or air defense artillery (ADA) emplacement not associated with a military range.	2
Former storage or transfer points	u The MRS is a location where munitions were stored or handled for transfer between different modes of transportation (e.g., rail to truck, truck to weapon system).	2
Former small arms range	u The MRS is a former military range where only small arms ammunition was used. (There must be evidence that no other types of munitions [e.g., grenades] were used or are present to place an MRS into this category.)	*1*
Evidence of no munitions	u Following investigation of the MRS, there is physical evidence that no UXO or DMM are present, or there is historical evidence indicating that no UXO or DMM are present.	0
SOURCE OF HAZARD	**DIRECTIONS:** Record **the single highest score** from above in the box to the right (maximum score = 10).	*1*

DIRECTIONS: Document any MRS-specific data used in selecting the ***Source of Hazard*** classifications in the space provided.

Historical evidence (including Fort Des Moines engineering drawings and historical aerial photographs) indicate that only small arms munitions were used at the MRS. The discovery of MEC has not been reported at the MRS. Reconnaissance performed during the June 2011 SI did not reveal any MEC or MD (2011 SI Report, Section 4.3.3).

Table 3

EHE Module: Location of Munitions Data Element Table

DIRECTIONS: Below are eight classifications of munitions locations and their descriptions. Circle the scores that correspond with **all** the locations where munitions are known or suspected to be present at the MRS.

Note: The terms confirmed, surface, subsurface, small arms ammunition, physical evidence, and historical evidence are defined in Appendix C of the Primer.

Classification	Description	Score
Confirmed surface	u Physical evidence indicates that there are UXO or DMM on the surface of the MRS. u Historical evidence (i.e., a confirmed report such as an explosive ordnance disposal [EOD], police, or fire department report that an incident or accident that involved UXO	25
Confirmed subsurface, active	u Physical evidence indicates the presence of UXO or DMM in the subsurface of the MRS,and the geological conditions at the MRS are likely to cause UXO or DMM to be exposed, in the future, by naturally occurring phenomena (e.g., drought, flooding, erosion, frost heave, tidal action), or intrusive activities (e.g., plowing, construction, dredging) at the MRS are likely to expose UXO or DMM. u Historical evidence indicates that UXO or DMM are located in the subsurface of the MRS and the geological conditions at the MRS are likely to cause UXO or DMM to be exposed, in the future, by naturally occurring phenomena (e.g., drought, flooding, erosion, frost heave, tidal action), or intrusive activities (e.g., plowing, construction, dredging) at the MRS are likely to expose UXO or DMM.	20
Confirmed subsurface, stable	u Physical evidence indicates the presence of UXO or DMM in the subsurface of the MRS and the geological conditions at the MRS are not likely to cause UXO or DMM to be exposed, in the future, by naturally occurring phenomena, or intrusive activities at the MRS are not likely to cause UXO or DMM to be exposed. u Historical evidence indicates that UXO or DMM are located in the subsurface of the MRS and the geological conditions at the MRS are not likely to cause UXO or DMM to be exposed, in the future, by naturally occurring phenomena, or intrusive activities at the MRS are not likely to cause UXO or DMM to be exposed.	15
Suspected (physical evidence)	u There is physical evidence (e.g., munitions debris, such fragments, penetrators, projectiles, shell casings, links, fins), other than the documented presence of UXO or DMM, indicating that UXO or DMM may be present at the MRS.	10
Suspected (historical evidence)	u There is historical evidence indicating that UXO or DMM may be present at the MRS.	5
Subsurface, physical constraint	u There is physical or historical evidence indicating that UXO or DMM may be present in the subsurface, but there is a physical constraint (e.g., pavement, water depth over 120 feet) preventing direct access to the UXO or DMM.	2
Small arms (regardless of location)	u The presence of small arms ammunition is confirmed or suspected, regardless of other factors such as geological stability (There must be evidence that no other types of munitions [e.g., grenades] were used or are present at the MRS to place an MRS into this category.)	1
Evidence of no munitions	u Following investigation of the MRS, there is physical evidence that there are no UXO or DMM present, or there is historical evidence indicating that no UXO or DMM are present.	*0*
LOCATION OF MUNITIONS	**DIRECTIONS:** Record **the single highest score** from above in the box to the right (maximum score = 25).	*0*

DIRECTIONS: Document any MRS-specific data used in selecting the ***Location of Munitions*** classifications in the space provided.

The SI performed at the MRS supports the physical evidence that no UXO or DMM is present at the MRS. The discovery of MEC has never been reported at the MRS. Reconnaissance performed during the SI did not reveal MEC or MD (2011 SI Report, Section 4.3.3).

Table 4

EHE Module: Ease of Access Data Element Table

DIRECTIONS: Below are four classifications of barrier types that can surround an MRS and their descriptions. The barrier type is directly related to the ease of public access to the MRS. Circle the score that corresponds with the ease of access to the MRS.

Note: The term barrier is defined in Appendix C of the Primer.

Classification	Description	Score
No barrier	▫ There is no barrier preventing access to any part of the MRS (i.e., all parts of the MRS are accessible).	*10*
Barrier to MRS access is incomplete	▫ There is a barrier preventing access to parts of the MRS, but not the entire MRS.	8
Barrier to MRS access is complete but not monitored	▫ There is a barrier preventing access to all parts of the MRS, but there is no surveillance (e.g., by a guard) to ensure that the barrier is effectively preventing access to all parts of the MRS.	5
Barrier to MRS access is complete and monitored	▫ There is a barrier preventing access to all parts of the MRS, and there is active, continual surveillance (e.g., by a guard, video monitoring) to ensure that the barrier is effectively preventing access to all parts of the MRS.	0
EASE OF ACCESS	**DIRECTIONS:** Record **the single highest score** from above in the box to the right (maximum score = 10).	*10*

DIRECTIONS: Document any MRS-specific data used in selecting the ***Ease of Access*** classifications in the space provided.

The Pistol Range MRS is located within the Fort Des Moines Park, a public county park with established operational hours; however, there are no barriers preventing access to the MRS. The Fort Des Moines Park can be accessed via SE 5th Street (2011 SI Report, Section 2.4.3).

Table 5

EHE Module: Status of Property Data Element Table

DIRECTIONS: Below are three classifications of the status of a property within the Department of Defense (DoD) and their descriptions. Circle the score that corresponds with the status of property at the MRS.

Classification	Description	Score
Non-DoD control	u The MRS is at a location that is no longer owned by, leased to, or otherwise possessed or used by DoD. Examples are privately owned land or water bodies; land or water bodies owned or controlled by state, tribal, or local governments; and land or water bodies managed by other federal agencies.	*5*
Scheduled for transfer from DoD control	u The MRS is on land or is a water body that is owned, leased, or otherwise possessed by DoD, and DoD plans to transfer that land or water body to the control of another entity (e.g., a state, tribal, or local government; a private party; another federal agency) within 3 years from the date the Protocol is applied.	3
DoD control	u The MRS is on land or is a water body that is owned, leased, or otherwise possessed by DoD. With respect to property that is leased or otherwise possessed, DoD must control access to the MRS 24 hours per day, every day of the calendar year.	0
STATUS OF PROPERTY	**DIRECTIONS:** Record **the single highest score** from above in the box to the right (maximum score = 5).	*5*

DIRECTIONS: Document any MRS-specific data used in selecting the ***Status of Property*** classifications in the space provided.

The MRS is located on land zoned in an agricultural district, and is owned by Polk County and managed by the Polk County Conservation Board. The MRS is located in the Fort Des Moines Park (2011 SI Report, Section 2.4.3).

Table 6

EHE Module: Population Density Data Element Table

DIRECTIONS: Below are three classifications for population density and their descriptions. Determine the population density per square mile that most closely corresponds with the population of the MRS, including the area within a two-mile radius of the MRS's perimeter. Circle the most appropriate score.

Note: Note: Use the U.S. Census Bureau tract data available to capture the highest population density within a two-mile radius of the perimeter of the MRS.

Classification	Description	Score
> 500 persons per square mile	u There are more than 500 persons per square mile in the U.S. Census Bureau tract in which the MRS is located.	*5*
100–500 persons per square mile	u There are 100 to 500 persons per square mile in the U.S. Census Bureau tract in which the MRS is located.	3
< 100 persons per square mile	u There are fewer than 100 persons per square mile in the U.S. Census Bureau tract in which the MRS is located.	1
POPULATION DENSITY	**DIRECTIONS:** Record **the single highest score** from above in the box to the right (maximum score = 5).	*5*

DIRECTIONS: Document any MRS-specific data used in selecting the ***Population Density*** classifications in the space provided.

Within a 2-mile radius of the Pistol Range MRS boundary, the population is 22,814 and the highest population density recorded for a U.S. Census Bureau tract is 7,172 persons (2011 SI Report, Section 2.4.4).

Table 7

EHE Module: Population Near Hazard Data Element Table

DIRECTIONS: Below are six classifications describing the number of inhabited structures near the MRS. The number of inhabited buildings relates to the potential population near the MRS. Determine the number of inhabited structures within two miles of the MRS boundary and select the score that corresponds with the number of inhabited structures.

Note: The term inhabited structures is defined in Appendix C of the Primer.

Classification	Description	Score
26 or more inhabited structures	▫ There are 26 or more inhabited structures located up to 2 miles from the boundary of the MRS, within the boundary of the MRS, or both.	*5*
16 to 25 inhabited structures	▫ There are 16 to 25 inhabited structures located up to 2 miles from the boundary of the MRS, within the boundary of the MRS, or both.	4
11 to 15 inhabited structures	▫ There are 11 to 15 inhabited structures located up to 2 miles from the boundary of the MRS, within the boundary of the MRS, or both.	3
6 to 10 inhabited structures	▫ There are 6 to 10 inhabited structures located up to 2 miles from the boundary of the MRS, within the boundary of the MRS, or both.	2
1 to 5 inhabited structures	▫ There are 1 to 5 inhabited structures located up to 2 miles from the boundary of the MRS, within the boundary of the MRS, or both.	1
0 inhabited structures	▫ There are no inhabited structures located up to 2 miles from the boundary of the MRS, within the boundary of the MRS, or both.	0
POPULATION NEAR HAZARD	**DIRECTIONS:** Record **the single highest score** from above in the box to the right (maximum score = 5).	*5*

DIRECTIONS: Document any MRS-specific data used in selecting the ***Population Near Hazard*** classifications in the space provided.

There are 9,509 housing units within a 2-mile radius of the MRS (2011 SI Report, Section 2.4.4).

Table 8

EHE Module: Types of Activities/Structures Data Element Table

DIRECTIONS: Below are five classifications of activities and/or inhabited structures and their descriptions. Review the types of activities that occur and/or structures that are present withinn two miles of the MRS and circle the scores that correspond with **all** the activities/structures classifications at the MRS.

Note: The term inhabited structure is defined in Appendix C of the Primer.

Classification	Description	Score
Residential, educational, commercial, or subsistence	▫ Activities are conducted, or inhabited structures are located up to two miles from the MRS's boundary or within the MRS's boundary, that are associated with any of the following purposes: residential, educational, child care, critical assets (e.g., hospitals, fire and rescue, police stations, dams), hotels, commercial, shopping centers, playgrounds, community gathering areas, religious sites, or sites used for subsistence hunting, fishing, and gathering.	*5*
Parks and recreational areas	▫ Activities are conducted, or inhabited structures are located up to two miles from the MRS's boundary or within the MRS's boundary, that are associated with parks, nature preserves, or other recreational uses.	*4*
Agricultural, forestry	▫ Activities are conducted, or inhabited structures are located up to two miles from the MRS's boundary or within the MRS's boundary, that are associated with agriculture or forestry.	3
Industrial or warehousing	▫ Activities are conducted, or inhabited structures are located up to two miles from the MRS's boundary or within the MRS's boundary, that are associated with industrial activities or warehousing.	2
No known or recurring activities	▫ There are no known or recurring activities occurring up to two miles from the MRS's boundary or within the MRS's boundary.	1
TYPES OF ACTIVITIES/STRUCTURES	**DIRECTIONS:** Record **the single highest score** from above in the box to the right (maximum score = 5).	***5***

DIRECTIONS: Document any MRS-specific data used in selecting the ***Types of Activities/Structures*** classifications in the space provided.

The former Fort Des Moines is currently used as a reserve center (under control of the federal government), the Des Moines police academy, the A.H. Blank City Park (which includes a golf course and a zoo), and the Polk County Conservation Board's Fort Des Moines Park. Other uses include Studebaker Elementary School and McCombs Middle School, Somerset Apartments, and commercial/retail development. According to zoning maps maintained by the city of Des Moines, the FUDS is comprised of the following zones: "C-2 Retail" retail and highway-oriented commercial along the northwestern corner; "PUD" planned unit development near the northeastern and north-central portions; "A-1" agricultural district along the southeastern, central, and northeastern portions; and "R1-80" one-family residential district on the southwestern quadrant and east-central portions. The Pistol Range MRS is located entirely within the Fort Des Moines Park (2011 SI Report, Section 2.4.3).

Table 9

EHE Module: Ecological and/or Cultural Resources Data Element Table

DIRECTIONS: Below are four classifications of ecological and/or cultural resources and their descriptions. Review the types of resources present and circle the score that corresponds with the ecological and/or cultural resources present on the MRS.

Note: The terms ecological resources and cultural resources are defined in Appendix C of the Primer.

Classification	Description	Score
Ecological and cultural resources present	u There are both ecological and cultural resources present on the MRS.	5
Ecological resources present	u There are ecological resources present on the MRS.	*3*
Cultural resources present	u There are cultural resources present on the MRS.	3
No ecological or cultural resources present	u There are no ecological resources or cultural resources present on the MRS.	0
ECOLOGICAL AND/OR CULTURAL RESOURCES	**DIRECTIONS:** Record **the single highest score** from above in the box to the right (maximum score = 5).	*3*

DIRECTIONS: Document any MRS-specific data used in selecting the ***Ecological and/or Cultural Resources*** classifications in the space provided.

The Fort Des Moines Park provides outdoor recreation, conservation education, and long-term protection of Polk County's natural heritage and is managed for recreational, educational and ecological purposes. A non-jurisdictional wetland has emerged over the former range floor at some time after the range's closure circa 1970. The wetland extends from the former target area located near the base of the earthen salvage wall towards the former firing line area. The wetland drains to the southeast and into a culvert located beneath SE 5th Street where it reconnects with the intermittent creek that meanders toward the North River, located approximately 1.5 miles to the southeast (2011 SI Report, Sections 2.4.3 and 2.4.8).

Table 10
Determining the EHE Module Rating

DIRECTIONS:

1. From Tables 1–9, record the data element scores in the **Score** boxes to the right.
2. Add the **Score** boxes for each of the three factors and record this number in the **Value** boxes to the right.
3. Add the three **Value** boxes and record this number in the **EHE Module Total** box below.
4. Circle the appropriate range for the **EHE Module Total** below.
5. Circle the **EHE Module Rating** that corresponds to the range selected and record this value in the **EHE Module Rating** box found at the bottom of the table.

Note:
An alternative module rating may be assigned when a module letter rating is inappropriate. An alternative module rating is used when more information is needed to score one or more data elements, contamination at an MRS was previously addressed, or there is no reason to suspect contamination was ever present at an MRS.

	Source	Score	Value
Explosive Hazard Factor Data Elements			
Munitions Type	Table 1	2	3
Source of Hazard	Table 2	1	
Accessibility Factor Data Elements			
Location of Munitions	Table 3	0	15
Ease of Access	Table 4	10	
Status of Property	Table 5	5	
Receptor Factor Data Elements			
Population Density	Table 6	5	18
Population Near Hazard	Table 7	5	
Types of Activities/ Structures	Table 8	5	
Ecological and /or Cultural Resources	Table 9	3	
EHE MODULE TOTAL			*36*

EHE Module Total	EHE Module Rating
92 to 100	A
82 to 91	B
71 to 81	C
60 to 70	D
48 to 59	E
38 to 47	F
less than 38	G
Alternative Module Ratings	Evaluation Pending
	No Longer Required
	No Known or Suspected Explosive Hazard
EHE MODULE RATING	***No Known or Suspected Explosive Hazard***

Table 11

CHE Module: CWM Configuration Data Element Table

DIRECTIONS: Below are seven classifications of CWM configuration and their descriptions. Circle the scores that correspond to **all** the CWM configurations known or suspected to be present at the MRS.

Note: The terms CWM/UXO, CWM/DMM, physical evidence, and historical evidence are defined in Appendix C of the Primer.

Classification	Description	Score
CWM, that are either UXO, or explosively configured damaged DMM	The CWM known or suspected of being present at the MRS is: u CWM that are UXO (i.e., CWM/UXO). u Explosively configured CWM that are DMM (i.e., CWM/DMM) that have been damaged.	30
CWM mixed with UXO	u The CWM known or suspected of being present at the MRS are undamaged CWM/DMM or CWM not configured as a munition that are commingled with conventional munitions that are UXO.	25
CWM, explosive configuration that are undamaged DMM	u The CWM known or suspected of being present at the MRS are explosively configured CWM/DMM that have not been damaged.	20
CWM/DMM, not explosively configured or CWM, bulk container	The CWM known or suspected of being present at the MRS is: u Nonexplosively configured CWM/DMM either damaged or undamaged u Bulk CWM (e.g., ton container).	15
CAIS K941 and CAIS K942	u The CWM/DMM known or suspected of being present at the MRS is CAIS K941-toxic gas set M-1 or CAIS K942-toxic gas set M-2/E11.	12
CAIS (chemical agent identification sets)	u CAIS, other than CAIS K941 and K942, are known or suspected of being present at the MRS.	10
Evidence of no CWM	u Following investigation, the physical evidence indicates that CWM are not present at the MRS, or the historical evidence indicates that CWM are not present at the MRS.	*0*
CWM CONFIGURATION	**DIRECTIONS:** Record **the single highest score** from above in the box to the right (maximum score = 30).	*0*

DIRECTIONS: Document any MRS-specific data used in selecting the ***CWM Configuration*** classifications in the space provided.

There is no evidence to suggest that the Pistol Range MRS was ever used as an area for CWM training or storage (2011 SI Report, Section 2.2).

Note: Following Army Guidance, Tables 12-19 are omitted.

Tables 12 through 19 are intentionally omitted in accordance with Army guidance.

Table 20
Determining the CHE Module Rating

DIRECTIONS:

1. From Tables 11–19, record the data element scores in the **Score** boxes to the right.
2. Add the **Score** boxes for each of the three factors and record this number in the **Value** boxes to the right.
3. Add the three **Value** boxes and record this number in the **CHE Module Total** box below.
4. Circle the appropriate range for the **CHE Module Total** below.
5. Circle the **CHE Module Rating** that corresponds to the range selected and record this value in the **CHE Module Rating** box found at the bottom of the table.

Note:
An alternative module rating may be assigned when a module letter rating is inappropriate. An alternative module rating is used when more information is needed to score one or more data elements, contamination at an MRS was previously addressed, or there is no reason to suspect contamination was ever present at an MRS.

	Source	Score	Value
CWM Hazard Factor Data Elements			
CWM Configuration	Table 11	0	0
Sources of CWM	Table 12		
Accessibility Factor Data Elements			
Location of CWM	Table 13		0
Ease of Access	Table 14		
Status of Property	Table 15		
Receptor Factor Data Elements			
Population Density	Table 16		0
Population Near Hazard	Table 17		
Types of Activities/ Structures	Table 18		
Ecological and /or Cultural Resources	Table 19		
CHE MODULE TOTAL			*0*

CHE Module Total	CHE Module Rating
92 to 100	A
82 to 91	B
71 to 81	C
60 to 70	D
48 to 59	E
38 to 47	F
less than 38	G
Alternative Module Ratings	Evaluation Pending
	No Longer Required
	No Known or Suspected CWM Hazard
CHE MODULE RATING	***No Known or Suspected CWM Hazard***

Table 21

HHE Module: Groundwater Data Element Table

Contaminant Hazard Factor (CHF)

DIRECTIONS: Record the maximum concentrations of all contaminants in the MRS's groundwater and their comparison values (from Appendix B of the Primer) in the table below. Additional contaminants can be recorded on Table 27. Calculate and record the ratios for each contaminant by dividing the maximum concentration by the comparison value. Determine the CHF by adding the contaminant ratios together, including any additional groundwater contaminants recorded on Table 27. Based on the CHF, use the CHF Scale to determine and display the CHF Value. If there is no known or suspected MC hazard present in the groundwater, select the box at the bottom of the table.

Note: Use dissolved, rather than total, metals analyses when both are available.

Contaminant	Maximum Concentration	Comparison Value	Unit	Ratios

CHF Scale	CHF Value	Sum The Ratios	
CHF > 100	H (High)	$CHF = \sum \frac{\text{[Maximum Concentration of Contaminant]}}{\text{[Comparison Value for Contaminant]}}$	
100 > CHF > 2	M (Medium)		
2 > CHF	L (Low)		
CONTAMINANT HAZARD FACTOR	**DIRECTIONS:** Record **the CHF Value** from above in the box to the right (maximum value = H).		

Migratory Pathway Factor

DIRECTIONS: Circle the value that corresponds most closely to the groundwater migratory pathway at the MRS.

Classification	Description	Value
Evident	Analytical data or observable evidence indicates that contamination in the groundwater is present at, moving toward, or has moved to a point of exposure.	H
Potential	Contamination in groundwater has moved only slightly beyond the source (i.e., tens of feet), could move but is not moving appreciably, or information is not sufficient to make a determination of Evident or Confined.	M
Confined	Information indicates a low potential for contaminant migration from the source via the groundwater to a potential point of exposure (possibly due to geological structures or physical controls).	L
MIGRATORY PATHWAY FACTOR	**DIRECTIONS:** Record **the single highest value** from above in the box to the right (maximum value = H).	

Receptor Factor

DIRECTIONS: Circle the value that corresponds most closely to the groundwater receptors at the MRS.

Classification	Description	Value
Identified	There is a threatened water supply well downgradient of the source and the groundwater is a current source of drinking water or source of water for other beneficial uses such as irrigation/agriculture (equivalent to Class I or IIA aquifer).	H
Potential	There is no threatened water supply well downgradient of the source and the groundwater is currently or potentially usable for drinking water, irrigation, or agriculture (equivalent to Class I, IIA, or IIB aquifer).	M
Limited	There is no potentially threatened water supply well downgradient of the source and the groundwater is not considered a potential source of drinking water and is of limited beneficial use (equivalent to Class IIIA or IIIB aquifer, or where perched aquifer exists only).	L
RECEPTOR FACTOR	**DIRECTIONS:** Record **the single highest value** from above in the box to the right (maximum value = H).	
	No Known or Suspected Groundwater MC Hazard	o

Table 21 Comments: Because a significant source of MC is not present in the soil, surface water, or sediment in the samples collected near the base of the salvage wall and the nearby former target area, infiltration to the groundwater medium presents an incomplete pathway for potential human exposure. Further, the Colo soil present in this portion of the MRS does not promote infiltration. The soil is partially hydric and located within a high water table with a claypan or clay layer at or near the surface, resulting in a very slow rate of water transmission. (2011 SI Report, Section 4.4.4).

Table 22

HHE Module: Surface Water – Human Endpoint Data Element Table

Contaminant Hazard Factor (CHF)

DIRECTIONS: Record the maximum concentrations of all contaminants in the MRS's surface water and their comparison values (from Appendix B of the Primer) in the table below. Additional contaminants can be recorded on Table 27. Calculate and record the ratios for each contaminant by dividing the maximum concentration by the comparison value. Determine the CHF by adding the contaminant ratios together, including any additional surface water contaminants recorded on Table 27. Based on the CHF, use the CHF Scale to determine and record the CHF Value. If there is no known or suspected MC hazard for human endpoints present in the surface water, select the box at the bottom of the table.

Note: Use dissolved, rather than total, metals analyses when both are available.

Contaminant	Maximum Concentration	Comparison Value	Unit	Ratios
Lead	2.72	15	ug/L	0.18

CHF Scale	CHF Value	Sum The Ratios	0.18
CHF > 100	H (High)	$CHF = \sum \frac{\text{[Maximum Concentration of Contaminant]}}{\text{[Comparison Value for Contaminant]}}$	
100 > CHF > 2	M (Medium)		
2 > CHF	L (Low)		

CONTAMINANT HAZARD FACTOR	**DIRECTIONS:** Record **the CHF Value** from above in the box to the right (maximum value = H).	*L*

Migratory Pathway Factor

DIRECTIONS: Circle the value that corresponds most closely to the surface water migratory pathway at the MRS.

Classification	Description	Value
Evident	Analytical data or observable evidence indicates that contamination in the surface water is present at, moving toward, or has moved to a point of exposure.	H
Potential	Contamination in surface water has moved only slightly beyond the source (i.e., tens of feet), could move but is not moving appreciably, or information is not sufficient to make a determination of Evident or Confined.	M
Confined	Information indicates a low potential for contaminant migration from the source via the surface water to a potential point of exposure (possibly due to geological structures or physical controls).	L
MIGRATORY PATHWAY FACTOR	**DIRECTIONS:** Record **the single highest value** from above in the box to the right (maximum value = H).	*L*

Receptor Factor

DIRECTIONS: Circle the value that corresponds most closely to the surface water receptors at the MRS.

Classification	Description	Value
Identified	Identified receptors have access to surface water to which contamination has moved or can move.	H
Potential	Potential for receptors to have access to surface water to which contamination has moved or can move.	M
Limited	Little or no potential for receptors to have access to surface water to which contamination has moved or can move.	L
RECEPTOR FACTOR	**DIRECTIONS:** Record **the single highest value** from above in the box to the right (maximum value = H).	*L*
	No Known or Suspected Surface Water (Human Endpoint) MC Hazard	o

Table 22 Comments: Three surface water samples were collected at the MRS from the portion of the emergent wetland closest to the salvage wall. Traditional surface water pathways (i.e., perennial or intermittent streams or creeks and ponds or lakes) are not present on the MRS. Therefore the surface water at the MRS is confined to the water present in the wetland during periods of inundation. The samples were analyzed for MC metals of concern (antimony, copper, lead and zinc). Surface water samples were collected both as total (or unfiltered) samples and as dissolved (or filtered) samples. The concentration of dissolved lead (2.72 µg/L) exceeded the background screening value (0.993 µg/L) in one sample NWO-177-2001. The location of the Pistol Range MRS in a wooded area with a densely covered understory of shrubs and vines greatly limits, if not prevents, access to the MRS. The marshy conditions present on the range floor further discourage human interaction (2011 SI Report, Section 4.4.3.1 and Appendix J).

Table 23

HHE Module: Sediment – Human Endpoint Data Element Table

Contaminant Hazard Factor (CHF)

DIRECTIONS: Record the maximum concentrations of all contaminants in the MRS's sediment and their comparison values (from Appendix B of the Primer) in the table below. Additional contaminants can be recorded on Table 27. Calculate and record the ratios for each contaminant by dividing the maximum concentration by the comparison value. Determine the CHF by adding the contaminant ratios together, including any additional sediment contaminants recorded on Table 27. Based on the CHF, use the CHF Scale to determine and record the CHF Value. If there is no known or suspected MC hazard with human endpoints present in the sediment, select the box at the bottom of the table.

Contaminant	Maximum Concentration	Comparison Value	Unit	Ratios

CHF Scale	CHF Value	Sum The Ratios	
CHF > 100	H (High)	$CHF = \sum \frac{\text{[Maximum Concentration of Contaminant]}}{\text{[Comparison Value for Contaminant]}}$	
100 > CHF > 2	M (Medium)		
2 > CHF	L (Low)		
CONTAMINANT HAZARD FACTOR	**DIRECTIONS:** Record **the CHF Value** from above in the box to the right (maximum value = H).		

Migratory Pathway Factor

DIRECTIONS: Circle the value that corresponds most closely to the sediment migratory pathway at the MRS.

Classification	Description	Value
Evident	Analytical data or observable evidence indicates that contamination in the sediment is present at, moving toward, or has moved to a point of exposure.	H
Potential	Contamination in sediment has moved only slightly beyond the source (i.e., tens of feet), could move but is not moving appreciably, or information is not sufficient to make a determination of Evident or Confined.	M
Confined	Information indicates a low potential for contaminant migration from the source via the sediment to a potential point of exposure (possibly due to presence of geological structures or physical controls).	L
MIGRATORY PATHWAY FACTOR	**DIRECTIONS:** Record **the single highest value** from above in the box to the right (maximum value = H).	

Receptor Factor

DIRECTIONS: Circle the value that corresponds most closely to the sediment receptors at the MRS.

Classification	Description	Value
Identified	Identified receptors have access to sediment to which contamination has moved or can move.	H
Potential	Potential for receptors to have access to sediment to which contamination has moved or can move.	M
Limited	Little or no potential for receptors to have access to sediment to which contamination has moved or can move.	L
RECEPTOR FACTOR	**DIRECTIONS:** Record **the single highest value** from above in the box to the right (maximum value = H).	
	No Known or Suspected Sediment (Human Endpoint) MC Hazard	n

Table 23 Comments: Three sediment samples were collected at the MRS from the portion of the emergent wetland closest to the salvage wall. The samples were analyzed for MC metals of concern (antimony, copper, lead and zinc). The concentrations of antimony, copper, lead, and zinc in the three sediment samples collected at the MRS did not exceed the background screening values in any sample (2011 SI Report, Section 4.4.3).

Table 24

HHE Module: Surface Water – Ecological Endpoint Data Element Table

Contaminant Hazard Factor (CHF)

DIRECTIONS: Record the maximum concentrations of all contaminants in the MRS's surface water and their comparison values (from Appendix B of the Primer) in the table below. Additional contaminants can be recorded on Table 27. Calculate and record the ratios for each contaminant by dividing the maximum concentration by the comparison value. Determine the CHF by adding the contaminant ratios together, including any additional surface water contaminants recorded on Table 27. Based on the CHF, use the CHF Scale to determine and record the CHF Value. If there is no known or suspected MC hazard with ecological endpoints present in the surface water, select the box at the bottom of the table.

Contaminant	Maximum Concentration	Comparison Value	Unit	Ratios
Lead	2.72	2.5	ug/L	1.1

CHF Scale	CHF Value	Sum The Ratios	1.1
CHF > 100	H (High)	$CHF = \sum \frac{\text{[Maximum Concentration of Contaminant]}}{\text{[Comparison Value for Contaminant]}}$	
100 > CHF > 2	M (Medium)		
2 > CHF	L (Low)		

CONTAMINANT HAZARD FACTOR	**DIRECTIONS:** Record **the CHF Value** from above in the box to the right (maximum value = H).	*L*

Migratory Pathway Factor

DIRECTIONS: Circle the value that corresponds most closely to the surface water migratory pathway at the MRS.

Classification	Description	Value
Evident	Analytical data or observable evidence indicates that contamination in the surface water is present at, moving toward, or has moved to a point of exposure.	H
Potential	Contamination in surface water has moved only slightly beyond the source (i.e., tens of feet), could move but is not moving appreciably, or information is not sufficient to make a determination of Evident or Confined.	M
Confined	Information indicates a low potential for contaminant migration from the source via the surface water to a potential point of exposure (possibly due to presence of geological structures or physical controls).	L
MIGRATORY PATHWAY FACTOR	**DIRECTIONS:** Record **the single highest value** from above in the box to the right (maximum value = H).	*L*

Receptor Factor

DIRECTIONS: Circle the value that corresponds most closely to the surface water receptors at the MRS.

Classification	Description	Value
Identified	Identified receptors have access to surface water to which contamination has moved or can move.	H
Potential	Potential for receptors to have access to surface water to which contamination has moved or can move.	M
Limited	Little or no potential for receptors to have access to surface water to which contamination has moved or can move.	L
RECEPTOR FACTOR	**DIRECTIONS:** Record **the single highest value** from above in the box to the right (maximum value = H).	*M*
	No Known or Suspected Surface Water (Ecological Endpoint) MC Hazard	o

Table 24 Comments: Three surface water samples were collected at the MRS from the portion of the emergent wetland closest to the salvage wall. Traditional surface water pathways (i.e., perennial or intermittent streams or creeks and ponds or lakes) are not present on the MRS. Therefore the surface water at the MRS is confined to the water present in the wetland during periods of inundation. The samples were analyzed for MC metals of concern (antimony, copper, lead and zinc). Surface water samples were collected both as total (or unfiltered) samples and as dissolved (or filtered) samples. The concentration of dissolved lead (2.72 µg/L) exceeded the background screening value (0.993 µg/L) in one sample NWO-177-2001.

Potential ecological receptors would include a wide variety of biota that could be present in the wetland environment. Much of the range floor at the MRS is covered by a small non-jurisdictional wetland that most likely would be classified as a palustrine, emergent wetland. The length of time throughout the year that inundated soil conditions persist is not known. Leakage from the man-made lake impoundment located immediately upslope could provide year-round soil saturation at the MRS. The soil present in the wetland portion of the MRS is a poorly drained partially hydric soil. When inundated, the Colo has a very slow infiltration rate (2011 SI Report, Sections 4.4.1 and 4.4.3.1).

Table 25

HHE Module: Sediment – Ecological Endpoint Data Element Table

Contaminant Hazard Factor (CHF)

DIRECTIONS: Record the maximum concentrations of all contaminants in the MRS's sediment and their comparison values (from Appendix B of the Primer) in the table below. Additional contaminants can be recorded on Table 27. Calculate and record the ratios for each contaminant by dividing the maximum concentration by the comparison value. Determine the CHF by adding the ratios together, including any additional sediment contaminants recorded on Table 27. Based on the CHF, use the CHF Scale to determine and record the CHF Value. If there is no known or suspected MC hazard with ecological endpoints present in the sediment, select the box at the bottom of the table.

Contaminant	Maximum Concentration	Comparison Value	Unit	Ratios

CHF Scale	CHF Value	Sum The Ratios	
CHF > 100	H (High)	$CHF = \sum \frac{\text{[Maximum Concentration of Contaminant]}}{\text{[Comparison Value for Contaminant]}}$	
100 > CHF > 2	M (Medium)		
2 > CHF	L (Low)		
CONTAMINANT HAZARD FACTOR	**DIRECTIONS:** Record **the CHF Value** from above in the box to the right (maximum value = H).		

Migratory Pathway Factor

DIRECTIONS: Circle the value that corresponds most closely to the sediment migratory pathway at the MRS.

Classification	Description	Value
Evident	Analytical data or observable evidence indicates that contamination in the sediment is present at, moving toward, or has moved to a point of exposure.	H
Potential	Contamination in sediment has moved only slightly beyond the source (i.e., tens of feet), could move but is not moving appreciably, or information is not sufficient to make a determination of Evident or Confined.	M
Confined	Information indicates a low potential for contaminant migration from the source via the sediment to a potential point of exposure (possibly due to presence of geological structures or physical controls).	L
MIGRATORY PATHWAY FACTOR	**DIRECTIONS:** Record **the single highest value** from above in the box to the right (maximum value = H).	

Receptor Factor

DIRECTIONS: Circle the value that corresponds most closely to the sediment receptors at the MRS.

Classification	Description	Value
Identified	Identified receptors have access to sediment to which contamination has moved or can move.	H
Potential	Potential for receptors to have access to sediment to which contamination has moved or can move.	M
Limited	Little or no potential for receptors to have access to sediment to which contamination has moved or can move.	L
RECEPTOR FACTOR	**DIRECTIONS:** Record **the single highest value** from above in the box to the right (maximum value = H).	
	No Known or Suspected Sediment (Ecological Endpoint) MC Hazard	n

Table 25 Comments: Three sediment samples were collected at the MRS from the portion of the emergent wetland closest to the salvage wall. The samples were analyzed for MC metals of concern (antimony, copper, lead and zinc). The concentrations of antimony, copper, lead, and zinc in the three sediment samples collected at the MRS did not exceed the background screening values in any sample (2011 SI Report, Section 4.4.3).

Table 26
HHE Module: Surface Soil Data Element Table

Contaminant Hazard Factor (CHF)

DIRECTIONS: Record the maximum concentrations of all contaminants in the MRS's surface soil and their comparison values (from Appendix B of the Primer) in the table below. Additional contaminants can be recorded on Table 27. Calculate and record the ratios for each contaminant by dividing the maximum concentration by the comparison value. Determine the CHF by adding the contaminant ratios together, including any additional surface soil contaminants recorded on Table 27. Based on the CHF, use the CHF Scale to determine and record the CHF Value. If there is no known or suspected MC hazard present in the surface soil, select the box at the bottom of the table.

Contaminant	Maximum Concentration	Comparison Value	Unit	Ratios

CHF Scale	CHF Value	Sum The Ratios	
CHF > 100	H (High)	$CHF = \sum \frac{\text{[Maximum Concentration of Contaminant]}}{\text{[Comparison Value for Contaminant]}}$	
100 > CHF > 2	M (Medium)		
2 > CHF	L (Low)		
CONTAMINANT HAZARD FACTOR	**DIRECTIONS:** Record **the CHF Value** from above in the box to the right (maximum value = H).		

Migratory Pathway Factor

DIRECTIONS: Circle the value that corresponds most closely to the surface soil migratory pathway at the MRS.

Classification	Description	Value
Evident	Analytical data or observable evidence indicates that contamination in the surface soil is present at, moving toward, or has moved to a point of exposure.	H
Potential	Contamination in surface soil has moved only slightly beyond the source (i.e., tens of feet), could move but is not moving appreciably, or information is not sufficient to make a determination of Evident or Confined.	M
Confined	Information indicates a low potential for contaminant migration from the source via the surface soil to a potential point of exposure (possibly due to presence of geological structures or physical controls).	L
MIGRATORY PATHWAY FACTOR	**DIRECTIONS:** Record **the single highest value** from above in the box to the right (maximum value = H).	

Receptor Factor

DIRECTIONS: Circle the value that corresponds most closely to the surface soil receptors at the MRS.

Classification	Description	Value
Identified	Identified receptors have access to surface soil to which contamination has moved or can move.	H
Potential	Potential for receptors to have access to surface soil to which contamination has moved or can move.	M
Limited	Little or no potential for receptors to have access to surface soil to which contamination has moved or can move.	L
RECEPTOR FACTOR	**DIRECTIONS:** Record **the single highest value** from above in the box to the right (maximum value = H).	
	No Known or Suspected Surface Soil MC Hazard	n

Table 26 Comments: Four surface soil samples were collected from the MRS near the base of the earthen salvage wall that served as a backstop for small arms firing. The samples were analyzed for MC metals of concern (antimony, copper, lead, and zinc). The concentrations of antimony, copper, lead, and zinc did not exceed background values in any of the four surface soil samples collected at the MRS (2011 SI Report, Section 4.4.2).

Table 27

HHE Module: Supplemental Contaminant Hazard Factor Table

Contaminant Hazard Factor (CHF)

DIRECTIONS: Only use this table if there are more than five contaminants in any given medium present at the MRS. This is a supplemental table designed to hold information about contaminants that do not fit in the previous tables. Indicate the media in which these contaminants are present. Then record all contaminants, their maximum concentrations and their comparison values (from Appendix B of the Primer) in the table below. Calculate and record the ratio for each contaminant by dividing the maximum concentration by the comparison value. Determine the CHF for each medium on the

Note: Dissolved, rather than total, metals analyses are used when both are available.

Media	Contaminant	Maximum Concentration	Comparison Value	Ratio

Table 28
Determining the HHE Module Rating

DIRECTIONS:

1. Record the letter values (H, M, L) for the Contaminant Hazard, Migration Pathway, and Receptor Factors for the media (from Tables 21–26) in the corresponding boxes below.
2. Record the media's three-letter combinations in the Three-Letter Combination boxes below (three-letter combinations are arranged from Hs to Ms to Ls).
3. Using the HHE Ratings provided below, determine each media's rating (A-G) and record the letter in the corresponding Media Rating box below.

Media (Source)	Contaminant Hazard Factor Value	Migratory Pathway Factor Value	Receptor Factor Value	Three-Letter Combination (Hs-Ms-Ls)	Media Rating (A-G)
Groundwater (Table 21)					
Surface Water/Human Endpoint (Table 22)	L	L	L	LLL	G
Sediment/Human Endpoint (Table 23)					
Surface Water/Ecological Endpoint (Table 24)	L	L	M	MLL	F
Sediment/Ecological Endpoint (Table 25)					
Surface Soil (Table 26)					

DIRECTIONS (cont.):

4. Select the single highest Media Rating (A is highest; G is lowest) and enter the letter in the HHE Module Rating box.

Note:
An alternative module rating may be assigned when a module letter rating is inappropriate. An alternative module rating is used when more information is needed to score one or more media, contamination at an MRS was previously addressed, or there is no reason to suspect contamination was ever present at an MRS.

HHE MODULE RATING	***F***

HHE Ratings (for reference only)	
Combination	**Rating**
HHH	A
HHM	B
HHL	C
HMM	
HML	D
MMM	
HLL	E
MML	
MLL	*F*
LLL	G
Alternative Module Ratings	Evaluation Pending
	No Longer Required
	No Known or Suspected MC Hazard

Table 29
MRS Priority

DIRECTIONS: In the chart below, circle the letter rating for each module recorded in Table 10 (EHE), Table 20 (CHE), and Table 28 (HHE). Circle the corresponding numerical priority for each module. If information to determine the module rating is not available, choose the appropriate alternative module rating. The MRS Priority is the single highest priority; record this relative priority in the MRS Prioriy or Alternative MRS Rating at the bottom of the table.

Note: An MRS assigned Priority 1 has the highest relative priority; an MRS assigned Priority 8 has the lowest relative priority. Only an MRS with CWM known or suspected to be present can be assigned Priority 1; an MRS that has CWM known or suspected to be present cannot be assigned Priority 8.

EHE Rating	Priority	CHE Rating	Priority	HHE Rating	Priority
		A	1		
A	2	B	2	A	2
B	3	C	3	B	3
C	4	D	4	C	4
D	5	E	5	D	5
E	6	F	6	E	6
F	7	G	7	*F*	*7*
G	8			G	8
Evaluation Pending		Evaluation Pending		Evaluation Pending	
No Longer Required		No Longer Required		No Longer Required	
No Known or Suspected Explosive Hazard		*No Known or Suspected CWM Hazard*		*No Known or Suspected MC Hazard*	
MRS PRIORITY or ALTERNATIVE MRS RATING				*No Known Or Suspected Hazard*	

Appendix L
Reference Copies

- **EDR Radius Map™ with GeoCheck®**
- **EDR Aerial Photo Decade Package**
- **EDR Historical Topographic Map Report**
- **Certified Sanborn Map Report**
- **Characterization of Background Distributions for Selected Elements in Surface Soil**
- **Screening-Level Ecological Risk Assessment**
- **Botanical Survey for Fort Des Moines County Park**
- **Excerpts from Fort Des Moines Historic Preservation Plan**
- **Letter from Iowa Department of Natural Resources – X-Ray Fluorescence Results on Split Soil Samples**
- **Historical Aerial Photograph**

Ft. Des Moines
Ft. Des Moines
Des Moines, IA 50315

Inquiry Number: 02888241.14r
October 06, 2010

The EDR Radius Map™ Report with GeoCheck®

EDR® Environmental Data Resources Inc

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www.edrnet.com

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Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

FT. DES MOINES
DES MOINES, IA 50315

COORDINATES

Latitude (North):	41.517000 - 41° 31' 1.2''
Longitude (West):	93.610000 - 93° 36' 36.0''
Universal Tranverse Mercator:	Zone 15
UTM X (Meters):	449099.5
UTM Y (Meters):	4596118.5
Elevation:	880 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	41093-E5 DES MOINES SE, IA
Most Recent Revision:	1976
West Map:	41093-E6 DES MOINES SW, IA
Most Recent Revision:	1976

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	2005, 2007, 2006, 2008
Source:	USDA

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL ---------- National Priority List

EXECUTIVE SUMMARY

Proposed NPL ..... Proposed National Priority List Sites
NPL LIENS ..... Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL ..... National Priority List Deletions

Federal CERCLIS list

FEDERAL FACILITY ..... Federal Facility Site Information listing

Federal RCRA CORRACTS facilities list

CORRACTS ..... Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF ..... RCRA - Treatment, Storage and Disposal

Federal RCRA generators list

RCRA-LQG ..... RCRA - Large Quantity Generators

Federal institutional controls / engineering controls registries

US ENG CONTROLS ..... Engineering Controls Sites List
US INST CONTROL ..... Sites with Institutional Controls

State- and tribal - equivalent CERCLIS

SHWS ..... Registry of Hazardous Waste or Hazardous Substance Disposal Sites

State and tribal landfill and/or solid waste disposal site lists

SWF/LF ..... Permitted Solid Waste Management Facilities

State and tribal leaking storage tank lists

LAST ..... Leaking Aboveground Storage Tank Sites
INDIAN LUST ..... Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

INDIAN UST ..... Underground Storage Tanks on Indian Land
FEMA UST ..... Underground Storage Tank Listing

State and tribal institutional control / engineering control registries

INST CONTROL ..... Sites with Institutional Controls

State and tribal voluntary cleanup sites

INDIAN VCP ..... Voluntary Cleanup Priority Listing

State and tribal Brownfields sites

BROWNFIELDS ..... Brownfields Site Listing

EXECUTIVE SUMMARY

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS ..... A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

ODI ..... Open Dump Inventory
DEBRIS REGION 9 ..... Torres Martinez Reservation Illegal Dump Site Locations
INDIAN ODI ..... Report on the Status of Open Dumps on Indian Lands

Local Lists of Hazardous waste / Contaminated Sites

US CDL ..... Clandestine Drug Labs
DEL SHWS ..... Delisted Contaminated Sites Listing
US HIST CDL ..... National Clandestine Laboratory Register

Local Land Records

LIENS 2 ..... CERCLA Lien Information
LUCIS ..... Land Use Control Information System
LIENS ..... Liens Filed Listing

Other Ascertainable Records

DOD ..... Department of Defense Sites
CONSENT ..... Superfund (CERCLA) Consent Decrees
ROD ..... Records Of Decision
UMTRA ..... Uranium Mill Tailings Sites
MINES ..... Mines Master Index File
TRIS ..... Toxic Chemical Release Inventory System
TSCA ..... Toxic Substances Control Act
SSTS ..... Section 7 Tracking Systems
MLTS ..... Material Licensing Tracking System
RADINFO ..... Radiation Information Database
RAATS ..... RCRA Administrative Action Tracking System
DRYCLEANERS ..... Iowa Drycleaner List
INDIAN RESERV ..... Indian Reservations
SCRD DRYCLEANERS ..... State Coalition for Remediation of Drycleaners Listing
COAL ASH DOE ..... Sleam-Electric Plan Operation Data
COAL ASH EPA ..... Coal Combustion Residues Surface Impoundments List
COAL ASH ..... Coal Ash Disposal Site Listing
PCB TRANSFORMER ..... PCB Transformer Registration Database

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants ..... EDR Proprietary Manufactured Gas Plants

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

EXECUTIVE SUMMARY

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

Federal CERCLIS list

CERCLIS: The Comprehensive Environmental Response, Compensation and Liability Information System contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

A review of the CERCLIS list, as provided by EDR, and dated 01/29/2010 has revealed that there is 1 CERCLIS site within approximately 2.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
FORT DES MOINES (EX)	225 E ARMY POST RD	NNW 1/2 - 1 (0.667 mi.)	H24	69

Federal CERCLIS NFRAP site List

CERC-NFRAP: Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

A review of the CERC-NFRAP list, as provided by EDR, and dated 06/23/2009 has revealed that there is 1 CERC-NFRAP site within approximately 2.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
COTA DRUM SITE	5512 SE 14TH ST	NNE 1 - 2 (1.402 mi.)	AM159	422

EXECUTIVE SUMMARY

Federal RCRA generators list

RCRA-SQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

A review of the RCRA-SQG list, as provided by EDR, and dated 02/17/2010 has revealed that there are 8 RCRA-SQG sites within approximately 2.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
U S ARMY RESERVE CENTER	***225 E ARMY POST RD***	***NNW 1/2 - 1 (0.667 mi.)***	***H26***	***71***
ARTCRAFT INC	7401 HWY 65/69	E 1/2 - 1 (0.824 mi.)	M63	159
DES MOINES FLYING SERVICE INC	***5600 FLEUR DR***	***WNW >2 (2.158 mi.)***	***275***	***745***
DSM GS	***5800 FLEUR DR***	***WNW >2 (2.158 mi.)***	***BL277***	***750***
MESABA AIRLINES	5800 FLEUR DR GATE C-1	WNW >2 (2.158 mi.)	BL279	753

Lower Elevation	Address	Direction / Distance	Map ID	Page
LIVINGSTON'S AUTO	***5304 SW 9TH ST***	***NNW 1 - 2 (1.565 mi.)***	***AQ186***	***505***
WALMART SUPERCENTER 1723	5101 SE 14TH ST	NNE 1 - 2 (1.582 mi.)	AV208	511
HOME DEPOT HD2104	4900 SE 14TH ST	NNE 1 - 2 (1.705 mi.)	AY219	528

RCRA-CESQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

A review of the RCRA-CESQG list, as provided by EDR, and dated 02/17/2010 has revealed that there are 17 RCRA-CESQG sites within approximately 2.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MCCOMBS MIDDLE SCHOOL	201 COUNTY LINE RD	SW 1/2 - 1 (0.508 mi.)	D15	40
TIRES PLUS SOUTHRIDGE	***600 E ARMY POST RD***	***NNE 1/2 - 1 (0.701 mi.)***	***I34***	***100***
ARMY POST MOW N SNOW INC	***2 E ARMY POST RD***	***NNW 1/2 - 1 (0.722 mi.)***	***J39***	***106***
TARGET STORE 0803	1111 EAST ARMY POST ROA	NE 1/2 - 1 (0.776 mi.)	L49	134
SEARS ROEBUCK & CO	***1111 SOUTHEAST ARMY POS***	***NE 1/2 - 1 (0.776 mi.)***	***L50***	***136***
WESTERN AUTO SUPPLY CO	***1111 E ARMY POST RD***	***NE 1/2 - 1 (0.776 mi.)***	***L53***	***140***
GARYS STANDARD	***6300 SE 14TH***	***NE 1 - 2 (1.014 mi.)***	***T82***	***207***
DJ'S CLEANERS INC	***1300 CUMMINS STE 100***	***NE 1 - 2 (1.031 mi.)***	***V88***	***234***
NOAH'S CLEANERS INC	***6115 SW 9TH STREET***	***NW 1 - 2 (1.166 mi.)***	***Z106***	***285***
A TO Z RENTALS	***1211 ARMY POST RD***	***WNW 1 - 2 (1.288 mi.)***	***AD130***	***330***
LITHO GRAPHICS INC	***1300 SW ARMY POST RD***	***WNW 1 - 2 (1.360 mi.)***	***AJ144***	***373***
SOUTHRIDGE TIRE/AUTO CENTER IN	***6409 SE 14TH ST***	***WNW 1 - 2 (1.464 mi.)***	***AO168***	***438***
C&K PRINTING INC	***5311 SW 9TH ST***	***NNW 1 - 2 (1.561 mi.)***	***AQ185***	***502***
HICKMAN RACING	***6821 FLEUR DR***	***W 1 - 2 (1.841 mi.)***	***233***	***557***
ACCENT TAG & LABEL INC	***2201 RITTENHOUSE ST***	***W 1 - 2 (1.960 mi.)***	***247***	***597***
KNUDSON TRANSMISSION SERVICE	***4301 SE 14TH ST***	***NNE >2 (2.050 mi.)***	***BI257***	***645***
BRADS COLLISION CENTER INC	***5807 FLEUR DRIVE SUITE***	***WNW >2 (2.084 mi.)***	***BJ261***	***672***

EXECUTIVE SUMMARY

Federal ERNS list

ERNS: The Emergency Response Notification System records and stores information on reported releases of oil and hazardous substances. The source of this database is the U.S. EPA.

A review of the ERNS list, as provided by EDR, and dated 07/09/2010 has revealed that there are 5 ERNS sites within approximately 2 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
101 E. ARMY POST ROAD	101 E. ARMY POST ROAD	NNW 1/2 - 1 (0.693 mi.)	E33	100
500 ARMY POST RD, SUITE 17	500 ARMY POST RD, SUITE	NW 1/2 - 1 (0.827 mi.)	N64	161
500 ARMY POST RD SUITE 17	500 ARMY POST RD SUITE	NW 1/2 - 1 (0.827 mi.)	N66	162
108 MCKINLEY AVE	108 MCKINLEY AVE	N 1 - 2 (1.684 mi.)	214	519
Lower Elevation	**Address**	**Direction / Distance**	**Map ID**	**Page**
7320 SOUTHVIEW DRIVE	7320 SOUTHVIEW DRIVE	W 1 - 2 (1.094 mi.)	99	262

State and tribal leaking storage tank lists

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the Department of Natural Resources' Underground Storage Tank Data list.

A review of the LUST list, as provided by EDR, and dated 09/29/2009 has revealed that there are 38 LUST sites within approximately 2.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BLANK GOLF SHOP	***7404 CHAFFEE RD***	***WSW 1/4 - 1/2 (0.323 mi.)***	***A3***	***7***
Cleanup Complete Date: 8/30/2001				
Cleanup Complete Date: 8/30/2001				
FORT DES MOINES	RODGERS RD, BLDG 117	NW 1/4 - 1/2 (0.384 mi.)	B6	33
PHILLIPS 66	***446 E ARMY POST ROAD***	***N 1/2 - 1 (0.658 mi.)***	***G22***	***67***
Cleanup Complete Date: 8/24/2006				
U S ARMY RESERVE CENTER	***225 E ARMY POST RD***	***NNW 1/2 - 1 (0.667 mi.)***	***H26***	***71***
Cleanup Complete Date: 2/1/1994				
FORMER STATION	***111 ARMY POST ROAD***	***NNW 1/2 - 1 (0.728 mi.)***	***J43***	***114***
Cleanup Complete Date: 5/6/1996				
GIT-N-GO	***6501 SE 14TH (#18)***	***NE 1/2 - 1 (0.867 mi.)***	***O71***	***171***
Cleanup Complete Date: 2/4/2002				
MASSEY-FERGUSON PENSION TRUST	***1400 E ARMY POST RD***	***NE 1/2 - 1 (0.945 mi.)***	***Q78***	***191***
Cleanup Complete Date: 1/29/1992				
Cleanup Complete Date: 1/29/1992				
**Additional key fields are available in the Map Findings section*				
ARMY POST AMOCO	***849 ARMY POST RD***	***NW 1 - 2 (1.021 mi.)***	***U87***	***216***
Cleanup Complete Date: 9/25/1998				
QUIKTRIP #523	***900 ARMY POST ROAD #523***	***NW 1 - 2 (1.043 mi.)***	***U94***	***238***
Cleanup Complete Date: 8/29/2008				
FORMER SERVICE STATION	***1000 ARMY POST RD***	***NW 1 - 2 (1.120 mi.)***	***X100***	***262***
Cleanup Complete Date: 7/27/1998				

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MENARDS	***6101 SE 14TH STREET***	***NE 1 - 2 (1.130 mi.)***	***Y105***	***275***
Cleanup Complete Date: 10/26/1995				
Cleanup Complete Date: 10/26/1995				
NIZZI STATION	***5920 SW 9TH STREET***	***NW 1 - 2 (1.273 mi.)***	***AE125***	***311***
Cleanup Complete Date: 7/15/1998				
PHILLIPS	***5800 SW 9TH STREET***	***NW 1 - 2 (1.313 mi.)***	***AE135***	***338***
Cleanup Complete Date: 3/20/2007				
PAYLESS CASHWAYS	***1825 SE ARMY POST RD***	***ENE 1 - 2 (1.345 mi.)***	***AI141***	***361***
Cleanup Complete Date: 12/9/1988				
GIT-N-GO CONVENIENCE STORE #2	***1307 ARMY POST RD (#2)***	***WNW 1 - 2 (1.367 mi.)***	***AJ148***	***378***
Cleanup Complete Date: 6/4/1999				
Cleanup Complete Date: 6/4/1999				
KURTZ FACILITY	***1000 SW PORTER AVE***	***NW 1 - 2 (1.414 mi.)***	***AN162***	***424***
Cleanup Complete Date: 11/4/1998				
SMITH'S TENDERLOINS (FORMER SE	***1401 ARMY POST ROAD***	***WNW 1 - 2 (1.473 mi.)***	***AO170***	***440***
Cleanup Complete Date: 8/21/2007				
GIT-N-GO	***1414 ARMY POST RD***	***WNW 1 - 2 (1.481 mi.)***	***AO173***	***449***
Cleanup Complete Date: 10/19/1999				
SOUTHRIDGE AMOCO	***6300 SE 14TH STREET***	***WNW 1 - 2 (1.499 mi.)***	***AP176***	***460***
Cleanup Complete Date: 8/4/1997				
TIRE CITY	***1538 SW ARMY POST RD***	***WNW 1 - 2 (1.556 mi.)***	***AT183***	***486***
Cleanup Complete Date: 6/19/1998				
BUDGET RENT-A-CAR	***2110 ARMY POST RD***	***ENE 1 - 2 (1.685 mi.)***	***AX216***	***519***
Cleanup Complete Date: 7/17/1997				
FORMER UST SITE	***4503 SW 9TH STREET***	***NNW 1 - 2 (1.979 mi.)***	***BH249***	***599***
Cleanup Complete Date: 9/22/1997				
FIRE STATION #8	***1249 MCKINLEY***	***NW >2 (2.004 mi.)***	***253***	***607***
PHILLIPS 66	***4506 SW 9TH STREET***	***NNW >2 (2.015 mi.)***	***BH254***	***618***
Cleanup Complete Date: 8/14/2001				
GRANGER ELEMENTARY SCHOOL	***101 SE LEACH ST***	***N >2 (2.041 mi.)***	***256***	***636***
Cleanup Complete Date: 4/3/2008				
Cleanup Complete Date: 4/3/2008				
H & A MINI MART CORP	***5901 FLEUR DR***	***WNW >2 (2.063 mi.)***	***BJ259***	***650***
Cleanup Complete Date: 7/29/2004				
SEE 200500033	***5800 FLEUR DRIVE***	***WNW >2 (2.093 mi.)***	***BJ264***	***680***
Cleanup Complete Date: 12/7/1992				
QUIKTRIP #559	***5701 FLEUR DR***	***WNW >2 (2.106 mi.)***	***BL270***	***718***
Cleanup Complete Date: 6/29/2001				
EWING PARK	***5151 INDIANOLA RD***	***NE >2 (2.132 mi.)***	***273***	***734***
Cleanup Complete Date: 12/15/2004				
GIT-N-GO	***100 SW WATROUS***	***N >2 (2.175 mi.)***	***282***	***761***
QUIKTRIP	***3940 SE 14TH #544***	***NNE >2 (2.282 mi.)***	***BO287***	***788***
Cleanup Complete Date: 6/1/2001				
KUM & GO #194	***4001 SW 9TH STREET***	***NNW >2 (2.301 mi.)***	***BN288***	***802***
COPPOLA ENTERPRISES, INC	***3920 SW 9TH STREET***	***NNW >2 (2.350 mi.)***	***289***	***817***
Cleanup Complete Date: 7/18/2005				
FORMER TEXACO SITE	***3719 SW 9TH STREET***	***NNW >2 (2.448 mi.)***	***BP291***	***833***
Cleanup Complete Date: 8/15/2007				

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PHILLIPS 66	***4801 FLEUR DRIVE***	***NW >2 (2.456 mi.)***	***292***	***841***
Cleanup Complete Date: 11/15/1999				
JIFFY CONVENIENCE STORE #924	***3718 SW 9TH STREET***	***NNW >2 (2.468 mi.)***	***BP293***	***857***
Cleanup Complete Date: 1/9/2006				

Lower Elevation	Address	Direction / Distance	Map ID	Page
GIT-N-GO	***702 BEARDSLEY (#20)***	***SSE 1 - 2 (1.395 mi.)***	***AL153***	***403***
AREA B LAGOON	***1122 COUNTYLINE RD***	***ESE >2 (2.431 mi.)***	***290***	***825***
Cleanup Complete Date: 2/12/1992				

HIST LUST: A listing of leaking underground storage tank site locations with detailed information. The information is from the UST System Database which is no longer updated or current. It has been replaced by the LUST listing.

A review of the HIST LUST list, as provided by EDR, and dated 05/03/2007 has revealed that there are 40 HIST LUST sites within approximately 2.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BLANK GOLF SHOP	***7404 CHAFFEE RD***	***WSW 1/4 - 1/2 (0.323 mi.)***	***A3***	***7***
FORT DES MOINES	***RODGERS RD, BLDG 117***	***NW 1/4 - 1/2 (0.384 mi.)***	***B5***	***20***
PHILLIPS 66	***446 E ARMY POST RD***	***N 1/2 - 1 (0.658 mi.)***	***G21***	***51***
U S ARMY RESERVE CENTER	***225 E ARMY POST RD***	***NNW 1/2 - 1 (0.667 mi.)***	***H26***	***71***
FORMER STATION	***111 ARMY POST ROAD***	***NNW 1/2 - 1 (0.728 mi.)***	***J43***	***114***
GIT-N-GO	***6501 SE 14TH (#18)***	***NE 1/2 - 1 (0.867 mi.)***	***O71***	***171***
MASSEY-FERGUSON PENSION TRUST	***1400 E ARMY POST RD***	***NE 1/2 - 1 (0.945 mi.)***	***Q78***	***191***
ARMY POST AMOCO	***849 ARMY POST RD***	***NW 1 - 2 (1.021 mi.)***	***U87***	***216***
QUIKTRIP #523	***900 ARMY POST ROAD #523***	***NW 1 - 2 (1.043 mi.)***	***U94***	***238***
FORMER SERVICE STATION	***1000 ARMY POST RD***	***NW 1 - 2 (1.120 mi.)***	***X100***	***262***
MENARDS	***6101 SE 14TH STREET***	***NE 1 - 2 (1.130 mi.)***	***Y105***	***275***
NIZZI STATION	***5920 SW 9TH STREET***	***NW 1 - 2 (1.273 mi.)***	***AE125***	***311***
PHILLIPS	***5800 SW 9TH STREET***	***NW 1 - 2 (1.313 mi.)***	***AE135***	***338***
PAYLESS CASHWAYS	***1825 SE ARMY POST RD***	***ENE 1 - 2 (1.345 mi.)***	***AI141***	***361***
GIT-N-GO CONVENIENCE STORE #2	***1307 ARMY POST RD (#2)***	***WNW 1 - 2 (1.367 mi.)***	***AJ148***	***378***
KURTZ FACILITY	***1000 SW PORTER AVE***	***NW 1 - 2 (1.414 mi.)***	***AN162***	***424***
SMITH'S TENDERLOINS (FORMER SE	***1401 ARMY POST ROAD***	***WNW 1 - 2 (1.473 mi.)***	***AO170***	***440***
GIT-N-GO	***1414 ARMY POST RD***	***WNW 1 - 2 (1.481 mi.)***	***AO173***	***449***
SOUTHRIDGE AMOCO	***6300 SE 14TH STREET***	***WNW 1 - 2 (1.499 mi.)***	***AP176***	***460***
TIRE CITY	***1538 SW ARMY POST RD***	***WNW 1 - 2 (1.556 mi.)***	***AT183***	***486***
BUDGET RENT-A-CAR	***2110 ARMY POST RD***	***ENE 1 - 2 (1.685 mi.)***	***AX216***	***519***
KUM & GO #195	***5000 SOUTHWEST 9TH***	***NNW 1 - 2 (1.732 mi.)***	***AZ221***	***534***
DES MOINES AIRPORT	***2104 ARMY POST RD***	***WNW 1 - 2 (1.942 mi.)***	***BF246***	***582***
FORMER UST SITE	***4503 SW 9TH STREET***	***NNW 1 - 2 (1.979 mi.)***	***BH249***	***599***
FIRE STATION #8	***1249 MCKINLEY***	***NW >2 (2.004 mi.)***	***253***	***607***
PHILLIPS 66	***4506 SW 9TH STREET***	***NNW >2 (2.015 mi.)***	***BH254***	***618***
GRANGER ELEMENTARY SCHOOL	***101 SE LEACH ST***	***N >2 (2.041 mi.)***	***256***	***636***
H & A MINI MART CORP	***5901 FLEUR DR***	***WNW >2 (2.063 mi.)***	***BJ259***	***650***
DES MOINES INTERNATIONAL AIRPO	***5800 FLEUR DRIVE***	***WNW >2 (2.093 mi.)***	***BJ267***	***695***
QUIKTRIP #559	***5701 FLEUR DR***	***WNW >2 (2.106 mi.)***	***BL270***	***718***
EWING PARK	***5151 INDIANOLA RD***	***NE >2 (2.132 mi.)***	***273***	***734***
GIT-N-GO	***100 SW WATROUS***	***N >2 (2.175 mi.)***	***282***	***761***
QUIKTRIP	***3940 SE 14TH #544***	***NNE >2 (2.282 mi.)***	***BO287***	***788***
KUM & GO #194	***4001 SW 9TH STREET***	***NNW >2 (2.301 mi.)***	***BN288***	***802***

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
COPPOLA ENTERPRISES, INC	*3920 SW 9TH STREET*	*NNW >2 (2.350 mi.)*	*289*	*817*
FORMER TEXACO SITE	*3719 SW 9TH STREET*	*NNW >2 (2.448 mi.)*	*BP291*	*833*
PHILLIPS 66	*4801 FLEUR DRIVE*	*NW >2 (2.456 mi.)*	*292*	*841*
JIFFY CONVENIENCE STORE #924	*3718 SW 9TH STREET*	*NNW >2 (2.468 mi.)*	*BP293*	*857*

Lower Elevation	Address	Direction / Distance	Map ID	Page
GIT-N-GO	*702 BEARDSLEY (#20)*	*SSE 1 - 2 (1.395 mi.)*	*AL153*	*403*
AREA B LAGOON	*1122 COUNTYLINE RD*	*ESE >2 (2.431 mi.)*	*290*	*825*

State and tribal registered storage tank lists

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Natural Resources' Underground Storage Tank Data list.

A review of the UST list, as provided by EDR, and dated 05/01/2009 has revealed that there are 66 UST sites within approximately 2.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BLANK GOLF SHOP	*7404 CHAFFEE RD*	*WSW 1/4 - 1/2 (0.323 mi.)*	*A3*	*7*
FORT DES MOINES	9 THAYER ST	NW 1/4 - 1/2 (0.453 mi.)	C10	36
GENERAL SERVICE ADMINISTRATION	*BLDG 87 87 GRUBER ST*	*NW 1/4 - 1/2 (0.458 mi.)*	*C14*	*38*
MCCOMBS TRANSITIONAL SCHOOL	*201 SW COUNTY LINE RD*	*SW 1/2 - 1 (0.508 mi.)*	*D17*	*42*
GREENFIELD SERVICE CENTER	*2351 EAST CO LINE ROAD*	*ESE 1/2 - 1 (0.654 mi.)*	*F19*	*46*
PHILLIPS 66	*446 E ARMY POST ROAD*	*N 1/2 - 1 (0.658 mi.)*	*G22*	*67*
U S ARMY RESERVE CENTER	*225 E ARMY POST RD*	*NNW 1/2 - 1 (0.667 mi.)*	*H26*	*71*
AERO FLIGHT DISTRIBUTING	*228 E ARMY POST ROAD*	*NNW 1/2 - 1 (0.668 mi.)*	*H29*	*88*
ALDI, INC	*500 E ARMY POST RD*	*NNE 1/2 - 1 (0.681 mi.)*	*I32*	*98*
KUM & GO #120	*101 SW ARMY POST RD*	*NNW 1/2 - 1 (0.726 mi.)*	*J41*	*108*
ABILD COMPANY INC	*700 SE ARMY POST ROAD*	*NNE 1/2 - 1 (0.729 mi.)*	*K45*	*121*
MONTGOMERY WARD	*1111 E ARMY POST RD*	*NE 1/2 - 1 (0.776 mi.)*	*L48*	*129*
HY VEE GAS #5	*1113 E ARMY POST ROAD*	*NE 1/2 - 1 (0.776 mi.)*	*L54*	*144*
K MART #3300	*1200 SE ARMY POST RD*	*NE 1/2 - 1 (0.800 mi.)*	*L57*	*150*
GIT-N-GO #18	6501 SE 14TH	NE 1/2 - 1 (0.867 mi.)	O72	178
MANN ELEMENTARY SCHOOL	*1001 AMOS ST*	*W 1/2 - 1 (0.895 mi.)*	*P74*	*179*
GOODYEAR TIRE CENTER 5544	*6409 SE 14TH ST*	*NE 1/2 - 1 (0.931 mi.)*	*Q76*	*181*
MASSEY-FERGUSON PENSION TRUST	*1400 E ARMY POST RD*	*NE 1/2 - 1 (0.945 mi.)*	*Q78*	*191*
QUIKTRIP #523	*850 ARMY POST RD*	*NW 1 - 2 (1.020 mi.)*	*U84*	*210*
ARMY POST AMOCO	*849 ARMY POST RD*	*NW 1 - 2 (1.021 mi.)*	*U87*	*216*
QUIKTRIP #523	*900 ARMY POST ROAD #523*	*NW 1 - 2 (1.043 mi.)*	*U94*	*238*
MENARDS	*6101 SE 14TH STREET*	*NE 1 - 2 (1.130 mi.)*	*Y105*	*275*
SEARS STORE #2392	*1111 ARMY POST RD*	*NW 1 - 2 (1.169 mi.)*	*X107*	*287*
US WEST	*6008 SW 9TH STREET*	*NW 1 - 2 (1.213 mi.)*	*Z115*	*301*
MITCHELL ELEMENTARY SCHOOL	*111 PORTER AVE*	*NNW 1 - 2 (1.215 mi.)*	*AB116*	*303*
ODONNELL HARDWARE	*1201 ARMY POST RD*	*WNW 1 - 2 (1.252 mi.)*	*AA120*	*306*
NIZZI STATION	*5920 SW 9TH STREET*	*NW 1 - 2 (1.273 mi.)*	*AE125*	*311*
A & D ANDREW DITCHING & TILING	*1005 SW PAYTON*	*NW 1 - 2 (1.281 mi.)*	*AG128*	*327*
PHILLIPS	*5800 SW 9TH STREET*	*NW 1 - 2 (1.313 mi.)*	*AE135*	*338*
LOVEJOY ELEMENTARY SCHOOL	*801 SE KENYON AVE*	*NNE 1 - 2 (1.324 mi.)*	*AH137*	*357*
PAYLESS CASHWAYS	*1825 SE ARMY POST RD*	*ENE 1 - 2 (1.345 mi.)*	*AI141*	*361*
ARMY POST RENTAL INC	*1211 W ARMY POST RD*	*WNW 1 - 2 (1.347 mi.)*	*AJ142*	*370*
GIT-N-GO CONVENIENCE STORE #2	*1307 ARMY POST RD (#2)*	*WNW 1 - 2 (1.367 mi.)*	*AJ148*	*378*

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
VAN AUTO TECH	***1326 ARMY POST RD***	***WNW 1 - 2 (1.388 mi.)***	***AJ151***	***396***
KURTZ FACILITY	***1000 SW PORTER AVE***	***NW 1 - 2 (1.414 mi.)***	***AN162***	***424***
WATROUS ELEMENTARY SCHOOL	***6430 SW 14TH ST***	***WNW 1 - 2 (1.460 mi.)***	***AO166***	***435***
GIT-N-GO	***1414 ARMY POST RD***	***WNW 1 - 2 (1.481 mi.)***	***AO173***	***449***
SOUTHRIDGE AMOCO	***6300 SE 14TH STREET***	***WNW 1 - 2 (1.499 mi.)***	***AP176***	***460***
JIFFY LUBE	***6140 SE 14TH ST***	***WNW 1 - 2 (1.551 mi.)***	***AR179***	***478***
TIRE CITY	***1538 SW ARMY POST RD***	***WNW 1 - 2 (1.556 mi.)***	***AT183***	***486***
CCX SERVICE CENTER	5955 NE 19TH STREET	NE 1 - 2 (1.572 mi.)	AU205	510
KUM & GO #195	***5000 SOUTHWEST 9TH***	***NNW 1 - 2 (1.732 mi.)***	***AZ221***	***534***
CASEY'S GENERAL STORE #2244	***2150 E. ARMY POST ROAD***	***ENE 1 - 2 (1.735 mi.)***	***AX223***	***545***
NOT KNOWN	***2016 ARMY POST***	***WNW 1 - 2 (1.874 mi.)***	***BC235***	***560***
NOT KNOWN	***4704 SW 9TH STREET***	***NNW 1 - 2 (1.908 mi.)***	***BD240***	***570***
TRUE VALU HARDWARE	***4611 SW 9TH STREET***	***NNW 1 - 2 (1.909 mi.)***	***BD242***	***577***
DES MOINES AIRPORT	***2104 ARMY POST RD***	***WNW 1 - 2 (1.942 mi.)***	***BF246***	***582***
FIRE STATION #8	***1249 MCKINLEY***	***NW >2 (2.004 mi.)***	***253***	***607***
PHILLIPS 66	***4506 SW 9TH STREET***	***NNW >2 (2.015 mi.)***	***BH254***	***618***
WRIGHT ELEMENTARY SCHOOL	***5001 SW 14TH ST***	***NW >2 (2.016 mi.)***	***255***	***634***
GRANGER ELEMENTARY SCHOOL	***101 SE LEACH ST***	***N >2 (2.041 mi.)***	***256***	***636***
SCHLARBAUM AUTO BODY MICHAEL S	***5919 FLEUR DR***	***WNW >2 (2.057 mi.)***	***BJ258***	***647***
H & A MINI MART CORP	***5901 FLEUR DR***	***WNW >2 (2.063 mi.)***	***BJ259***	***650***
DSM AIRPORT - EAST CARGO FUELI	***6100 FLEUR DRIVE***	***WNW >2 (2.088 mi.)***	***BK263***	***676***
SEE 200500033	***5800 FLEUR DRIVE***	***WNW >2 (2.093 mi.)***	***BJ265***	***684***
DES MOINES INTERNATIONAL AIRPO	***5800 FLUER DRIVE***	***WNW >2 (2.093 mi.)***	***BJ266***	***693***
QUIKTRIP #559	***5701 FLEUR DR***	***WNW >2 (2.106 mi.)***	***BL270***	***718***
EWING PARK	***5151 INDIANOLA RD***	***NE >2 (2.132 mi.)***	***273***	***734***
FAA DSM RTRD	***5800 FLEUR DR***	***WNW >2 (2.158 mi.)***	***BL276***	***749***
DSM GS	5800 FLEUR DR	WNW >2 (2.158 mi.)	BL278	753
DSM ALSF	***DES MOINES AIRPORT***	***WNW >2 (2.168 mi.)***	***280***	***757***
GIT-N-GO	***100 SW WATROUS***	***N >2 (2.175 mi.)***	***282***	***761***
UNKNOWN	***4100 SW 9TH STREET***	***NNW >2 (2.241 mi.)***	***BN283***	***771***
JOSEPH G BERTROCHE SR	***4000 SE 14TH STREET***	***NNE >2 (2.249 mi.)***	***BO286***	***779***

Lower Elevation	Address	Direction / Distance	Map ID	Page
GIT-N-GO #20	702 BEARDSLEY	SSE 1 - 2 (1.395 mi.)	AL154	415
BUDGET LUBE CORP	***4520 SE 14TH STREET***	***NNE 1 - 2 (1.940 mi.)***	***BE243***	***579***

AST: The Aboveground Storage Tank database contains registered ASTs. The data come from the Department of Natural Resources' Aboveground Storage Tank Data list.

A review of the AST list, as provided by EDR, and dated 07/15/2010 has revealed that there are 2 AST sites within approximately 2.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
Not reported	1530 E. ARMY POST RD	NE 1 - 2 (1.051 mi.)	W97	261
Not reported	6008 SW 9TH ST.	NW 1 - 2 (1.213 mi.)	Z112	295

State and tribal voluntary cleanup sites

VCP: Sites currently enroled in the Land Recycling Program.

A review of the VCP list, as provided by EDR, and dated 04/26/2010 has revealed that there is 1 VCP site within approximately 2.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SOUTHRIDGE SQUARE	***1300 EAST ARMY POST ROA***	***NE 1/2 - 1 (0.822 mi.)***	***L61***	***158***

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Hazardous waste / Contaminated Sites

ALLSITES: All the sites included in the Contaminated Sites Tracking Database. The database includes several regulatory complinace programs and actions.

A review of the ALLSITES list, as provided by EDR, and dated 04/26/2010 has revealed that there are 4 ALLSITES sites within approximately 2.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
FORT DES MOINES	S UNION STREET / ARMY P	NNW 1/2 - 1 (0.723 mi.)	J40	108
SOUTHRIDGE SQUARE	***1300 EAST ARMY POST ROA***	***NE 1/2 - 1 (0.822 mi.)***	***L61***	***158***
900-1050 ARMY POST ROAD	900-1050 ARMY POST ROAD	NW 1 - 2 (1.043 mi.)	U92	237
COTA INDUSTRIES	5512 SE 14TH STREET	NNE 1 - 2 (1.402 mi.)	AM160	424

Local Lists of Registered Storage Tanks

HIST UST: A listing of underground storage tank site locations with detailed information. The information is from the UST System Database which is no longer updated or current. It has been replaced by the UST listing.

A review of the HIST UST list, as provided by EDR, and dated 05/03/2007 has revealed that there are 64 HIST UST sites within approximately 2.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BLANK GOLF SHOP	***7404 CHAFFEE RD***	***WSW 1/4 - 1/2 (0.323 mi.)***	***A3***	***7***
FORT DES MOINES	***RODGERS RD, BLDG 117***	***NW 1/4 - 1/2 (0.384 mi.)***	***B5***	***20***
GENERAL SERVICE ADMINISTRATION	***BLDG 87 87 GRUBER ST***	***NW 1/4 - 1/2 (0.458 mi.)***	***C14***	***38***
MCCOMBS TRANSITIONAL SCHOOL	***201 SW COUNTY LINE RD***	***SW 1/2 - 1 (0.508 mi.)***	***D17***	***42***
GREENFIELD SERVICE CENTER	***2351 EAST CO LINE ROAD***	***ESE 1/2 - 1 (0.654 mi.)***	***F19***	***46***
PHILLIPS 66	***446 E ARMY POST RD***	***N 1/2 - 1 (0.658 mi.)***	***G21***	***51***
U S ARMY RESERVE CENTER	***225 E ARMY POST RD***	***NNW 1/2 - 1 (0.667 mi.)***	***H26***	***71***
AERO FLIGHT DISTRIBUTING	***228 E ARMY POST ROAD***	***NNW 1/2 - 1 (0.668 mi.)***	***H29***	***88***
ALDI, INC	***500 E ARMY POST RD***	***NNE 1/2 - 1 (0.681 mi.)***	***I32***	***98***
KUM & GO #120	***101 SW ARMY POST RD***	***NNW 1/2 - 1 (0.726 mi.)***	***J41***	***108***
ABILD COMPANY INC	***700 SE ARMY POST ROAD***	***NNE 1/2 - 1 (0.729 mi.)***	***K45***	***121***
MONTGOMERY WARD	***1111 E ARMY POST RD***	***NE 1/2 - 1 (0.776 mi.)***	***L48***	***129***
HY VEE GAS #5	***1113 E ARMY POST ROAD***	***NE 1/2 - 1 (0.776 mi.)***	***L54***	***144***
K MART #3300	***1200 SE ARMY POST RD***	***NE 1/2 - 1 (0.800 mi.)***	***L57***	***150***

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
GIT-N-GO	6501 SE 14TH (#18)	NE 1/2 - 1 (0.867 mi.)	O69	165
MANN ELEMENTARY SCHOOL	***1001 AMOS ST***	***W 1/2 - 1 (0.895 mi.)***	***P74***	***179***
GOODYEAR TIRE CENTER 5544	***6409 SE 14TH ST***	***NE 1/2 - 1 (0.931 mi.)***	***Q76***	***181***
MASSEY-FERGUSON PENSION TRUST	***1400 E ARMY POST RD***	***NE 1/2 - 1 (0.945 mi.)***	***Q78***	***191***
QUIKTRIP #523	***850 ARMY POST RD***	***NW 1 - 2 (1.020 mi.)***	***U84***	***210***
ARMY POST AMOCO	***849 ARMY POST RD***	***NW 1 - 2 (1.021 mi.)***	***U87***	***216***
QUIKTRIP #523	***900 ARMY POST ROAD #523***	***NW 1 - 2 (1.043 mi.)***	***U94***	***238***
MENARDS	***6101 SE 14TH STREET***	***NE 1 - 2 (1.130 mi.)***	***Y105***	***275***
SEARS STORE #2392	***1111 ARMY POST RD***	***NW 1 - 2 (1.169 mi.)***	***X107***	***287***
US WEST	***6008 SW 9TH STREET***	***NW 1 - 2 (1.213 mi.)***	***Z115***	***301***
MITCHELL ELEMENTARY SCHOOL	***111 PORTER AVE***	***NNW 1 - 2 (1.215 mi.)***	***AB116***	***303***
ODONNELL HARDWARE	***1201 ARMY POST RD***	***WNW 1 - 2 (1.252 mi.)***	***AA120***	***306***
NIZZI STATION	***5920 SW 9TH STREET***	***NW 1 - 2 (1.273 mi.)***	***AE125***	***311***
A & D ANDREW DITCHING & TILING	***1005 SW PAYTON***	***NW 1 - 2 (1.281 mi.)***	***AG128***	***327***
PHILLIPS	***5800 SW 9TH STREET***	***NW 1 - 2 (1.313 mi.)***	***AE135***	***338***
LOVEJOY ELEMENTARY SCHOOL	***801 SE KENYON AVE***	***NNE 1 - 2 (1.324 mi.)***	***AH137***	***357***
PAYLESS CASHWAYS	***1825 SE ARMY POST RD***	***ENE 1 - 2 (1.345 mi.)***	***AI141***	***361***
ARMY POST RENTAL INC	***1211 W ARMY POST RD***	***WNW 1 - 2 (1.347 mi.)***	***AJ142***	***370***
GIT-N-GO CONVENIENCE STORE #2	***1307 ARMY POST RD (#2)***	***WNW 1 - 2 (1.367 mi.)***	***AJ148***	***378***
VAN AUTO TECH	***1326 ARMY POST RD***	***WNW 1 - 2 (1.388 mi.)***	***AJ151***	***396***
KURTZ FACILITY	***1000 SW PORTER AVE***	***NW 1 - 2 (1.414 mi.)***	***AN162***	***424***
WATROUS ELEMENTARY SCHOOL	***6430 SW 14TH ST***	***WNW 1 - 2 (1.460 mi.)***	***AO166***	***435***
GIT-N-GO	***1414 ARMY POST RD***	***WNW 1 - 2 (1.481 mi.)***	***AO173***	***449***
SOUTHRIDGE AMOCO	***6300 SE 14TH STREET***	***WNW 1 - 2 (1.499 mi.)***	***AP176***	***460***
JIFFY LUBE	***6140 SE 14TH ST***	***WNW 1 - 2 (1.551 mi.)***	***AR179***	***478***
TIRE CITY	***1538 SW ARMY POST RD***	***WNW 1 - 2 (1.556 mi.)***	***AT183***	***486***
KUM & GO #195	***5000 SOUTHWEST 9TH***	***NNW 1 - 2 (1.732 mi.)***	***AZ221***	***534***
CASEY'S GENERAL STORE #2244	***2150 E. ARMY POST ROAD***	***ENE 1 - 2 (1.735 mi.)***	***AX223***	***545***
NOT KNOWN	***2016 ARMY POST***	***WNW 1 - 2 (1.874 mi.)***	***BC235***	***560***
NOT KNOWN	***4704 SW 9TH STREET***	***NNW 1 - 2 (1.908 mi.)***	***BD240***	***570***
TRUE VALU HARDWARE	***4611 SW 9TH STREET***	***NNW 1 - 2 (1.909 mi.)***	***BD242***	***577***
DES MOINES AIRPORT	***2104 ARMY POST RD***	***WNW 1 - 2 (1.942 mi.)***	***BF246***	***582***
FIRE STATION #8	***1249 MCKINLEY***	***NW >2 (2.004 mi.)***	***253***	***607***
PHILLIPS 66	***4506 SW 9TH STREET***	***NNW >2 (2.015 mi.)***	***BH254***	***618***
WRIGHT ELEMENTARY SCHOOL	***5001 SW 14TH ST***	***NW >2 (2.016 mi.)***	***255***	***634***
GRANGER ELEMENTARY SCHOOL	***101 SE LEACH ST***	***N >2 (2.041 mi.)***	***256***	***636***
SCHLARBAUM AUTO BODY MICHAEL S	***5919 FLEUR DR***	***WNW >2 (2.057 mi.)***	***BJ258***	***647***
H & A MINI MART CORP	***5901 FLEUR DR***	***WNW >2 (2.063 mi.)***	***BJ259***	***650***
DSM GS	DES MOINES AIRPORT	WNW >2 (2.078 mi.)	BJ260	667
DSM AIRPORT - EAST CARGO FUELI	***6100 FLEUR DRIVE***	***WNW >2 (2.088 mi.)***	***BK263***	***676***
SEE 200500033	***5800 FLEUR DRIVE***	***WNW >2 (2.093 mi.)***	***BJ265***	***684***
DES MOINES INTERNATIONAL AIRPO	***5800 FLUER DRIVE***	***WNW >2 (2.093 mi.)***	***BJ266***	***693***
QUIKTRIP #559	***5701 FLEUR DR***	***WNW >2 (2.106 mi.)***	***BL270***	***718***
EWING PARK	***5151 INDIANOLA RD***	***NE >2 (2.132 mi.)***	***273***	***734***
DSM ALSF	***DES MOINES AIRPORT***	***WNW >2 (2.168 mi.)***	***280***	***757***
GIT-N-GO	***100 SW WATROUS***	***N >2 (2.175 mi.)***	***282***	***761***
UNKNOWN	***4100 SW 9TH STREET***	***NNW >2 (2.241 mi.)***	***BN283***	***771***
JOSEPH G BERTROCHE SR	***4000 SE 14TH STREET***	***NNE >2 (2.249 mi.)***	***BO286***	***779***

Lower Elevation	Address	Direction / Distance	Map ID	Page
GIT-N-GO	***702 BEARDSLEY (#20)***	***SSE 1 - 2 (1.395 mi.)***	***AL153***	***403***
BUDGET LUBE CORP	***4520 SE 14TH STREET***	***NNE 1 - 2 (1.940 mi.)***	***BE243***	***579***

Records of Emergency Release Reports

HMIRS: The Hazardous Materials Incident Report System contains hazardous material spill incidents reported to the Department of Transportation. The source of this database is the U.S. EPA.

A review of the HMIRS list, as provided by EDR, and dated 04/06/2010 has revealed that there are 20 HMIRS sites within approximately 2 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
Not reported	600 E. ARMY POST ROAD	NNE 1/2 - 1 (0.701 mi.)	I35	103
5955 NE 19TH ST	5955 NE 19TH ST	NE 1 - 2 (1.572 mi.)	AU187	507
5955 NE 19TH ST	5955 NE 19TH ST	NE 1 - 2 (1.572 mi.)	AU188	507
5955 NE 19TH ST	5955 NE 19TH ST	NE 1 - 2 (1.572 mi.)	AU189	507
5955 NE 19TH STREET	5955 NE 19TH STREET	NE 1 - 2 (1.572 mi.)	AU190	507
5955 NE 19TH ST	5955 NE 19TH ST	NE 1 - 2 (1.572 mi.)	AU191	508
5955 NE 19TH ST	5955 NE 19TH ST	NE 1 - 2 (1.572 mi.)	AU192	508
5955 NE 19TH STREET	5955 NE 19TH STREET	NE 1 - 2 (1.572 mi.)	AU193	508
5955 NE 19TH STREET	5955 NE 19TH STREET	NE 1 - 2 (1.572 mi.)	AU194	508
5955 NE 19TH STREET	5955 NE 19TH STREET	NE 1 - 2 (1.572 mi.)	AU195	508
5955 NE 19TH ST	5955 NE 19TH ST	NE 1 - 2 (1.572 mi.)	AU196	508
5955 NE 19TH ST	5955 NE 19TH ST	NE 1 - 2 (1.572 mi.)	AU197	509
5955 NE 19TH ST	5955 NE 19TH ST	NE 1 - 2 (1.572 mi.)	AU198	509
5955 NE 19TH STREET	5955 NE 19TH STREET	NE 1 - 2 (1.572 mi.)	AU199	509
5955 NE 19TH STREET	5955 NE 19TH STREET	NE 1 - 2 (1.572 mi.)	AU200	509
5955 NE 19TH STREET	5955 NE 19TH STREET	NE 1 - 2 (1.572 mi.)	AU201	509
5955 NE 19TH ST	5955 NE 19TH ST	NE 1 - 2 (1.572 mi.)	AU202	509
5955 NE 19TH ST	5955 NE 19TH ST	NE 1 - 2 (1.572 mi.)	AU203	510
5955 NE 19TH STREET	5955 NE 19TH STREET	NE 1 - 2 (1.572 mi.)	AU204	510
5955 NE 19TH STREET	5955 NE 19TH STREET	NE 1 - 2 (1.572 mi.)	AU206	511

SPILLS: The List of Spills Incidents from the Department of Natural Resources

A review of the SPILLS list, as provided by EDR, and dated 06/15/2010 has revealed that there are 20 SPILLS sites within approximately 2 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
Not reported	6930 NE 5TH. ST., DES M	NE 1/4 - 1/2 (0.313 mi.)	1	7
Not reported	336 BURNHAM	N 1/4 - 1/2 (0.422 mi.)	9	36
US ARMY RESERVE MOTOR POOL	6511 CHAFFEE RD	NNW 1/2 - 1 (0.659 mi.)	E23	69
ROAD SURFACE	237 GEPKE PKWY	S 1/2 - 1 (0.705 mi.)	36	103
KUM & GO #120	***101 SW ARMY POST RD***	***NNW 1/2 - 1 (0.726 mi.)***	***J41***	***108***
Not reported	131 MARLOO PARKWAY	SSW 1/2 - 1 (0.787 mi.)	56	150
Not reported	500 ARMY POST RD., DES	NW 1/2 - 1 (0.827 mi.)	N65	161
Not reported	INTERSECTION OF SE 14TH	NE 1/2 - 1 (0.933 mi.)	Q77	190
Not reported	800 SW ARMY POST ROAD	NW 1 - 2 (1.001 mi.)	S81	207
Not reported	6300 SE 14TH ST. - AMOC	NE 1 - 2 (1.015 mi.)	T83	210
Not reported	1115 WEST ST., DES MOIN	WNW 1 - 2 (1.130 mi.)	103	274
Not reported	13TH / RITTENHOUSE ST.	WNW 1 - 2 (1.220 mi.)	118	305
Not reported	5921 SE 14TH ST. IN DES	NNE 1 - 2 (1.260 mi.)	AC122	309
Not reported	913 FREDERICK, / SURROU	NW 1 - 2 (1.294 mi.)	AE133	336
Not reported	5502 SW 7TH STREET	NNW 1 - 2 (1.374 mi.)	AK149	394
Not reported	1439 ARMY POST ROAD	WNW 1 - 2 (1.496 mi.)	AO174	459
Not reported	1608 ARMY POST	WNW 1 - 2 (1.602 mi.)	AT209	515

Lower Elevation	Address	Direction / Distance	Map ID	Page
Not reported	1035 MEADOW LANE, DES M	W 1/2 - 1 (0.986 mi.)	R79	203

Lower Elevation	Address	Direction / Distance	Map ID	Page
Not reported	7500 ROYAL ROAD AT ROYA	W 1 - 2 (1.032 mi.)	R90	237
Not reported	SPRING / SW 9TH.	NNW 1 - 2 (1.620 mi.)	210	515

Other Ascertainable Records

RCRA-NonGen: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA-NonGen list, as provided by EDR, and dated 02/17/2010 has revealed that there are 40 RCRA-NonGen sites within approximately 2.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
FORT DES MOINES - BLDG 126	***RODGERS RD & CHAFFEE RD***	***NW 1/4 - 1/2 (0.384 mi.)***	***B4***	***18***
DURBIN TRUCKING/GRADING-FORMER	***SE 5TH & COUNTY LINE RD***	***SSE 1/4 - 1/2 (0.391 mi.)***	***7***	***33***
FT DES MOINES BLDG 46	***46 DICKMAN RD***	***NNW 1/2 - 1 (0.657 mi.)***	***20***	***50***
NAPA AUTO PARTS	***228 E ARMY POST RD***	***NNW 1/2 - 1 (0.668 mi.)***	***H30***	***96***
MONTGOMERY WARD	***1111 E ARMY POST RD***	***NE 1/2 - 1 (0.776 mi.)***	***L48***	***129***
RITZ CAMERA STORE #409	***1111 E ARMY POST RD, ST***	***NE 1/2 - 1 (0.776 mi.)***	***L51***	***139***
K MART #3300	***1200 SE ARMY POST RD***	***NE 1/2 - 1 (0.800 mi.)***	***L58***	***152***
BLANK PARK ZOO - PARKING LOT	***7401 SW 9TH ST***	***W 1/2 - 1 (0.813 mi.)***	***59***	***154***
FABRIC CARE CENTER INC - FSO	***1300 E ARMY POST RD***	***NE 1/2 - 1 (0.822 mi.)***	***L60***	***156***
PRIVATE RESIDENCE OF PAMELA EA	***6108 SE 5TH ST***	***NNE 1/2 - 1 (0.850 mi.)***	***68***	***164***
ARMY POST AMOCO	***849 ARMY POST RD***	***NW 1 - 2 (1.021 mi.)***	***U87***	***216***
QUIKTRIP CORP STORE 523C	900 ARMY POST RD	NW 1 - 2 (1.043 mi.)	U95	255
MAC CO INC	***1135 ARMY POST RD***	***WNW 1 - 2 (1.190 mi.)***	***AA109***	***291***
U S WEST - DES MOINES WEST OFF	***6008 S W 9TH ST***	***NW 1 - 2 (1.213 mi.)***	***Z111***	***293***
AC BINDERY	***1210 ARMY POST RD***	***WNW 1 - 2 (1.271 mi.)***	***AD123***	***309***
SIGNS PLUS MANUFACTURING INC	***1410 SE DIEHL AVE***	***NNE 1 - 2 (1.293 mi.)***	***AC132***	***332***
VANS MOBILE HOMES	***5832 SE 14TH ST***	***NNE 1 - 2 (1.304 mi.)***	***AC134***	***336***
PAYLESS CASHWAYS INC #60 - FSO	***1825 SE ARMY POST RD***	***ENE 1 - 2 (1.345 mi.)***	***AI140***	***360***
ARTCRAFT INC-FORMER SITE OF	***2017 S LAWN DR***	***WNW 1 - 2 (1.349 mi.)***	***AJ143***	***372***
DMACC SUCCESS CENTER	800 SW PORTER	NNW 1 - 2 (1.362 mi.)	AK145	375
WASH HOUSE	***1316 ARMY POST RD***	***WNW 1 - 2 (1.377 mi.)***	***AJ150***	***394***
VAN AUTO TECH	***1326 ARMY POST RD***	***WNW 1 - 2 (1.388 mi.)***	***AJ151***	***396***
WOODS SERVICE	1326 ARMY POST RD	WNW 1 - 2 (1.388 mi.)	AJ152	401
COTA INDUSTRIES INC-FORMER SIT	5512 SE 14TH ST	NNE 1 - 2 (1.402 mi.)	AM157	420
SPECIALTY COMPONENTS INC	***5512 SE 14TH***	***NNE 1 - 2 (1.402 mi.)***	***AM158***	***421***
ORCHARD PLACE	***925 SW PORTER***	***NW 1 - 2 (1.431 mi.)***	***AN165***	***433***
JOCKOS AUTO PARTS	***1500 SW ARMY POST RD***	***WNW 1 - 2 (1.533 mi.)***	***AO178***	***477***
CAMELOT CLEANERS-FORMER SITE O	***1611 ARMY POST RD***	***WNW 1 - 2 (1.625 mi.)***	***211***	***516***
PRIVATE RESIDENCE OF ROBERT RO	***1507 HIGHVIEW***	***NW 1 - 2 (1.703 mi.)***	***217***	***526***
TUFFY'S E & P AUTOMOTIVE	4824 SW 9TH ST	NNW 1 - 2 (1.828 mi.)	BB231	554
U S POSTAL SERVICE - DES MOINE	***6104 FLEUR DR***	***WNW >2 (2.088 mi.)***	***BK262***	***675***
KNUDSON TRANSMISSION SVC-FORME	***4223-1/2 SE 14TH ST***	***NNE >2 (2.102 mi.)***	***BI268***	***715***
QUIKTRIP CORP STORE 559-FORMER	***5701 FLEUR DR***	***WNW >2 (2.106 mi.)***	***BL269***	***716***
CUSTOM AUTO SALES	***4211 SE 14TH ST***	***NNE >2 (2.112 mi.)***	***BI271***	***730***
CAMPERS & CAPS	***4200 SE 14TH***	***NNE >2 (2.131 mi.)***	***BM272***	***732***
STATE FARM INS	***4121 SE 14TH ST***	***NNE >2 (2.174 mi.)***	***BM281***	***759***
MAID RITE RESTAURANT	***4100 SW 9TH***	***NNW >2 (2.241 mi.)***	***BN284***	***776***
FEDERAL EXPRESS CORP - DSMR	***2571 ARMY POST RD***	***WNW >2 (2.246 mi.)***	***285***	***778***

Lower Elevation	Address	Direction / Distance	Map ID	Page
BUCKS S DES MOINES AUTO BODY-F	***4700 SE 14TH ST***	***NNE 1 - 2 (1.837 mi.)***	***232***	***555***
DAVID W EILTS	***872 BLUE ST***	***SW >2 (2.150 mi.)***	***274***	***743***

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

A review of the DOT OPS list, as provided by EDR, and dated 01/12/2010 has revealed that there are 2 DOT OPS sites within approximately 2 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
Not reported	337 SE LALLY	N 1/2 - 1 (0.714 mi.)	38	104
Not reported	6208 S.E. 2ND STREET	NNW 1/2 - 1 (0.833 mi.)	67	162

FUDS: The Listing includes locations of Formerly Used Defense Sites Properties where the US Army Corps Of Engineers is actively working or will take necessary cleanup actions.

A review of the FUDS list, as provided by EDR, and dated 12/31/2008 has revealed that there is 1 FUDS site within approximately 3 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
FORT DES MOINES		NNW 1/2 - 1 (0.645 mi.)	E18	45

FTTS: FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act) over the previous five years. To maintain currency, EDR contacts the Agency on a quarterly basis.

A review of the FTTS list, as provided by EDR, and dated 04/09/2009 has revealed that there are 4 FTTS sites within approximately 2 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
FORT DES MOINES	225 E ARMY POST RD	NNW 1/2 - 1 (0.667 mi.)	H25	71
CHRIST THE KING SCHOOL	***701 WELL AVE***	***NW 1 - 2 (1.241 mi.)***	***119***	***306***
AMERICAN INSTITUTE OF BUSINESS	***7500 FLEUR DRIVE***	***W 1 - 2 (1.815 mi.)***	***228***	***551***
ERA UNIVERSAL REALTY	***4730 SW 9TH STREET***	***NNW 1 - 2 (1.891 mi.)***	***BB238***	***569***

HIST FTTS: A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

A review of the HIST FTTS list, as provided by EDR, and dated 10/19/2006 has revealed that there are 4 HIST FTTS sites within approximately 2 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
FORT DES MOINES	225 E ARMY POST RD	NNW 1/2 - 1 (0.667 mi.)	H27	87
CHRIST THE KING SCHOOL	***701 WELL AVE***	***NW 1 - 2 (1.241 mi.)***	***119***	***306***

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
AMERICAN INSTITUTE OF BUSINESS	***7500 FLEUR DRIVE***	***W 1 - 2 (1.815 mi.)***	***228***	***551***
ERA UNIVERSAL REALTY	***4730 SW 9TH STREET***	***NNW 1 - 2 (1.891 mi.)***	***BB238***	***569***

ICIS: The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

A review of the ICIS list, as provided by EDR, and dated 04/24/2010 has revealed that there are 2 ICIS sites within approximately 2 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BEST WESTERN DES MOINES INTERN	1810 ARMY POST ROAD	WNW 1 - 2 (1.766 mi.)	BA225	549
TUFFY AUTO SERVICE CENTER	4824 SW 9TH STREET D	NNW 1 - 2 (1.828 mi.)	BB229	552

PADS: The PCB Activity Database identifies generators, transporters, commercial storers and/or brokers and disposers of PCBs who are required to notify the United States Environmental Protection Agency of such activities. The source of this database is the U.S. EPA.

A review of the PADS list, as provided by EDR, and dated 02/01/2010 has revealed that there is 1 PADS site within approximately 2 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
U S ARMY RESERVE CENTER	***225 E ARMY POST RD***	***NNW 1/2 - 1 (0.667 mi.)***	***H26***	***71***

FINDS: The Facility Index System contains both facility information and "pointers" to other sources of information that contain more detail. These include: RCRIS; Permit Compliance System (PCS); Aerometric Information Retrieval System (AIRS); FATES (FIFRA [Federal Insecticide Fungicide Rodenticide Act] and TSCA Enforcement System, FTTS [FIFRA/TSCA Tracking System]; CERCLIS; DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes); Federal Underground Injection Control (FURS); Federal Reporting Data System (FRDS); Surface Impoundments (SIA); TSCA Chemicals in Commerce Information System (CICS); PADS; RCRA-J (medical waste transporters/disposers); TRIS; and TSCA. The source of this database is the U.S. EPA/NTIS.

A review of the FINDS list, as provided by EDR, and dated 04/14/2010 has revealed that there are 117 FINDS sites within approximately 2 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BLANK GOLF SHOP	7404 CHAFFEE RD	WSW 1/4 - 1/2 (0.323 mi.)	A2	7
FORT DES MOINES - BLDG 126	***RODGERS RD & CHAFFEE RD***	***NW 1/4 - 1/2 (0.384 mi.)***	***B4***	***18***
DURBIN TRUCKING/GRADING-FORMER	***SE 5TH & COUNTY LINE RD***	***SSE 1/4 - 1/2 (0.391 mi.)***	***7***	***33***
STUDEBAKER ELEMENTARY SCHOOL	300 E COUNTY LINE RD	SSW 1/4 - 1/2 (0.406 mi.)	8	35
FT DES MOINES	9 THAYER ST	NW 1/4 - 1/2 (0.453 mi.)	C11	37
IOWA FEDERAL SURPLUS PROPERTY	6921 CHAFFEE RD	NW 1/4 - 1/2 (0.453 mi.)	C12	37
GNRL SVC ADMIN	BLDG 87 87 GRUBER ST	NW 1/4 - 1/2 (0.458 mi.)	C13	37
MCCOMBS MIDDLE SCHOOL	201 COUNTY LINE RD	SW 1/2 - 1 (0.508 mi.)	D16	41
FT DES MOINES BLDG 46	***46 DICKMAN RD***	***NNW 1/2 - 1 (0.657 mi.)***	***20***	***50***
PHILLIPS 66	***446 E ARMY POST ROAD***	***N 1/2 - 1 (0.658 mi.)***	***G22***	***67***
U S ARMY RESERVE CENTER	***225 E ARMY POST RD***	***NNW 1/2 - 1 (0.667 mi.)***	***H26***	***71***
AERO FLIGHT DISTRIBUTING	228 E ARMY POST ROAD	NNW 1/2 - 1 (0.668 mi.)	H28	87
NAPA AUTO PARTS	***228 E ARMY POST RD***	***NNW 1/2 - 1 (0.668 mi.)***	***H30***	***96***

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ALDI INC	500 E ARMY POST RD	NNE 1/2 - 1 (0.681 mi.)	I31	98
TIRES PLUS SOUTHRIDGE	***600 E ARMY POST RD***	***NNE 1/2 - 1 (0.701 mi.)***	***I34***	***100***
CITY OF DES MOINES ENGINEERING	11246 E COUNTY LINE RD	ESE 1/2 - 1 (0.710 mi.)	F37	104
ARMY POST MOW N SNOW INC	***2 E ARMY POST RD***	***NNW 1/2 - 1 (0.722 mi.)***	***J39***	***106***
KUM & GO #120	101 SW ARMY POST RD	NNW 1/2 - 1 (0.726 mi.)	J42	114
FORMER STA	111 ARMY POST ROAD	NNW 1/2 - 1 (0.728 mi.)	J44	121
ABILD CO INC	700 SE ARMY POST ROAD	NNE 1/2 - 1 (0.729 mi.)	K46	128
HYVEE GAS DES MOINES	1107 SE ARMY POST RD	NE 1/2 - 1 (0.775 mi.)	L47	129
MONTGOMERY WARD	***1111 E ARMY POST RD***	***NE 1/2 - 1 (0.776 mi.)***	***L48***	***129***
SEARS ROEBUCK & CO	***1111 SOUTHEAST ARMY POS***	***NE 1/2 - 1 (0.776 mi.)***	***L50***	***136***
RITZ CAMERA STORE #409	***1111 E ARMY POST RD, ST***	***NE 1/2 - 1 (0.776 mi.)***	***L51***	***139***
TARGET STORE 0803	1111 EAST ARMY POST ROA	NE 1/2 - 1 (0.776 mi.)	L52	140
WESTERN AUTO SUPPLY CO	***1111 E ARMY POST RD***	***NE 1/2 - 1 (0.776 mi.)***	***L53***	***140***
HY VEE GAS #1151	1113 E ARMY POST ROAD	NE 1/2 - 1 (0.776 mi.)	L55	149
K MART #3300	***1200 SE ARMY POST RD***	***NE 1/2 - 1 (0.800 mi.)***	***L58***	***152***
BLANK PARK ZOO - PARKING LOT	***7401 SW 9TH ST***	***W 1/2 - 1 (0.813 mi.)***	***59***	***154***
FABRIC CARE CENTER INC - FSO	***1300 E ARMY POST RD***	***NE 1/2 - 1 (0.822 mi.)***	***L60***	***156***
ARTCRAFT INC	7401 HWY 65/69	E 1/2 - 1 (0.824 mi.)	M62	158
PRIVATE RESIDENCE OF PAMELA EA	***6108 SE 5TH ST***	***NNE 1/2 - 1 (0.850 mi.)***	***68***	***164***
GIT-N-GO	6501 SE 14TH (#18)	NE 1/2 - 1 (0.867 mi.)	O70	170
MANN ELEMENTARY SCH	1001 AMOS ST	W 1/2 - 1 (0.895 mi.)	P73	178
GOODYEAR TIRE CTR 5544	6409 SE 14TH ST	NE 1/2 - 1 (0.931 mi.)	Q75	181
GARYS STANDARD	***6300 SE 14TH***	***NE 1 - 2 (1.014 mi.)***	***T82***	***207***
QUICKTRIP STORE 523	850 ARMY POST RD	NW 1 - 2 (1.020 mi.)	U85	215
QUIKTRIP	850 ARMY POST RD (#523)	NW 1 - 2 (1.020 mi.)	U86	216
ARMY POST AMOCO	***849 ARMY POST RD***	***NW 1 - 2 (1.021 mi.)***	***U87***	***216***
DJ'S CLEANERS INC	***1300 CUMMINS STE 100***	***NE 1 - 2 (1.031 mi.)***	***V88***	***234***
BARKER LAMAR ASSOCIATES INC	1300 CUMMINS RD, SUITE	NE 1 - 2 (1.031 mi.)	V89	236
QUIKTRIP #523	900 ARMY POST ROAD #523	NW 1 - 2 (1.043 mi.)	U91	237
QUIKTRIP CORP STORE 523C	900 ARMY POST RD	NW 1 - 2 (1.043 mi.)	U93	238
VERIZON WIRELESS	1530 EAST ARMY POST ROA	NE 1 - 2 (1.051 mi.)	W98	262
FORMER SVC STA	1000 ARMY POST RD	NW 1 - 2 (1.120 mi.)	X101	269
MENARDS	6101 SE 14TH STREET	NE 1 - 2 (1.130 mi.)	Y104	275
NOAH'S CLEANERS INC	***6115 SW 9TH STREET***	***NW 1 - 2 (1.166 mi.)***	***Z106***	***285***
SEARS STORE #2392	1111 ARMY POST RD	NW 1 - 2 (1.169 mi.)	X108	291
MAC CO INC	***1135 ARMY POST RD***	***WNW 1 - 2 (1.190 mi.)***	***AA109***	***291***
QWEST COMMUNICATIONS	6008 SW 9 STREET	NW 1 - 2 (1.213 mi.)	Z110	293
U S WEST - DES MOINES WEST OFF	***6008 S W 9TH ST***	***NW 1 - 2 (1.213 mi.)***	***Z111***	***293***
US WEST	6008 SW 9TH STREET	NW 1 - 2 (1.213 mi.)	Z113	296
MITCHELL ELEMENTARY SCH	111 PORTER AVE	NNW 1 - 2 (1.215 mi.)	AB117	305
CHRIST THE KING SCHOOL	***701 WELL AVE***	***NW 1 - 2 (1.241 mi.)***	***119***	***306***
ODONNELL HARDWARE	1201 ARMY POST RD	WNW 1 - 2 (1.252 mi.)	AA121	308
AC BINDERY	***1210 ARMY POST RD***	***WNW 1 - 2 (1.271 mi.)***	***AD123***	***309***
NIZZI STA	5920 SW 9TH STREET	NW 1 - 2 (1.273 mi.)	AE124	311
AMERICAN TOWER CORPORATION (AT	6185 SE 16TH COURT	NE 1 - 2 (1.274 mi.)	AF126	323
A & D ANDREW DITCHING & TILING	1005 SW PAYTON	NW 1 - 2 (1.281 mi.)	AG129	329
A TO Z RENTALS	***1211 ARMY POST RD***	***WNW 1 - 2 (1.288 mi.)***	***AD130***	***330***
SIGNS PLUS MANUFACTURING INC	***1410 SE DIEHL AVE***	***NNE 1 - 2 (1.293 mi.)***	***AC132***	***332***
VANS MOBILE HOMES	***5832 SE 14TH ST***	***NNE 1 - 2 (1.304 mi.)***	***AC134***	***336***
PHILLIPS	5800 SW 9TH STREET	NW 1 - 2 (1.313 mi.)	AE136	357
LOVEJOY ELEMENTARY SCH	801 SE KENYON AVE	NNE 1 - 2 (1.324 mi.)	AH138	359
LOVEJOY ELEMENTARY SCHOOL	801 E KENYON AVE	NNE 1 - 2 (1.324 mi.)	AH139	360
PAYLESS CASHWAYS INC #60 - FSO	***1825 SE ARMY POST RD***	***ENE 1 - 2 (1.345 mi.)***	***AI140***	***360***
ARTCRAFT INC-FORMER SITE OF	***2017 S LAWN DR***	***WNW 1 - 2 (1.349 mi.)***	***AJ143***	***372***
LITHO GRAPHICS INC	***1300 SW ARMY POST RD***	***WNW 1 - 2 (1.360 mi.)***	***AJ144***	***373***
DMACC SUCCESS CENTER	800 SW PORTER	NNW 1 - 2 (1.362 mi.)	AK146	377

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
GIT-N-GO CONVENIENCE STORE #2A	1307 ARMY POST ROAD	WNW 1 - 2 (1.367 mi.)	AJ147	378
WASH HOUSE	***1316 ARMY POST RD***	***WNW 1 - 2 (1.377 mi.)***	***AJ150***	***394***
VAN AUTO TECH	***1326 ARMY POST RD***	***WNW 1 - 2 (1.388 mi.)***	***AJ151***	***396***
SPECIALTY COMPONENTS INC	***5512 SE 14TH***	***NNE 1 - 2 (1.402 mi.)***	***AM158***	***421***
KURTZ FACLTY	1000 SW PORTER AVE	NW 1 - 2 (1.414 mi.)	AN161	424
GRANGER/MITCHELL ELEMENTARY AT	1000 PORTER AVE	NW 1 - 2 (1.414 mi.)	AN163	433
MORRIS ELEMENTARY SCHOOL	1401 GEIL AVENUE	WNW 1 - 2 (1.417 mi.)	164	433
ORCHARD PLACE	***925 SW PORTER***	***NW 1 - 2 (1.431 mi.)***	***AN165***	***433***
WATROUS ELEMENTARY SCH	6430 SW 14TH ST	WNW 1 - 2 (1.460 mi.)	AO167	437
SOUTHRIDGE TIRE/AUTO CENTER IN	***6409 SE 14TH ST***	***WNW 1 - 2 (1.464 mi.)***	***AO168***	***438***
KRAFT 5-STAR MUFFLER	1400 ARMY POST ROAD	WNW 1 - 2 (1.472 mi.)	AO169	440
SMITHS TENDERLOINS FORMER SVC	1401 ARMY POST ROAD	WNW 1 - 2 (1.473 mi.)	AO171	448
GIT-N-GO	1414 ARMY POST RD	WNW 1 - 2 (1.481 mi.)	AO172	448
SOUTHRIDGE AMOCO	6300 SE 14TH STREET	WNW 1 - 2 (1.499 mi.)	AP175	460
ORCHARD PLACE SCHOOL	5412 SW 9TH STREET	NNW 1 - 2 (1.509 mi.)	AQ177	476
JOCKOS AUTO PARTS	***1500 SW ARMY POST RD***	***WNW 1 - 2 (1.533 mi.)***	***AO178***	***477***
JIFFY LUBE	6140 SE 14TH ST	WNW 1 - 2 (1.551 mi.)	AR180	485
DES MOINES-NAHAS AQUATIC CTR	1101 PORTER	NW 1 - 2 (1.554 mi.)	AS182	486
TIRE CITY	1538 SW ARMY POST RD	WNW 1 - 2 (1.556 mi.)	AT184	502
C&K PRINTING INC	***5311 SW 9TH ST***	***NNW 1 - 2 (1.561 mi.)***	***AQ185***	***502***
CAMELOT CLEANERS-FORMER SITE O	***1611 ARMY POST RD***	***WNW 1 - 2 (1.625 mi.)***	***211***	***516***
BUDGET RENT-A-CAR	2110 ARMY POST RD	ENE 1 - 2 (1.685 mi.)	AX215	519
PRIVATE RESIDENCE OF ROBERT RO	***1507 HIGHVIEW***	***NW 1 - 2 (1.703 mi.)***	***217***	***526***
KUM & GO #195	5000 SOUTHWEST 9TH	NNW 1 - 2 (1.732 mi.)	AZ222	544
CASEYS GNRL STORE #2244	2150 E. ARMY POST ROAD	ENE 1 - 2 (1.735 mi.)	AX224	548
BEST WESTERN DES MOINES INTERN	1810 ARMY POST ROAD	WNW 1 - 2 (1.766 mi.)	BA226	550
COTA INDUSTRIES INC	5512 SE 14 ST	NW 1 - 2 (1.773 mi.)	227	550
AMERICAN INSTITUTE OF BUSINESS	***7500 FLEUR DRIVE***	***W 1 - 2 (1.815 mi.)***	***228***	***551***
E&P AUTOMOTIVE D/B/A TUFFY AUT	4824 SW 9TH STREET	NNW 1 - 2 (1.828 mi.)	BB230	553
HICKMAN RACING	***6821 FLEUR DR***	***W 1 - 2 (1.841 mi.)***	***233***	***557***
NOT KNOWN	2016 ARMY POST	WNW 1 - 2 (1.874 mi.)	BC236	568
ERA UNIVERSAL REALTY	4730 SOUTHWEST 9TH STRE	NNW 1 - 2 (1.891 mi.)	BB237	569
NOT KNOWN	4704 SW 9TH STREET	NNW 1 - 2 (1.908 mi.)	BD239	570
TRUE VALU HARDWARE	4611 SW 9TH STREET	NNW 1 - 2 (1.909 mi.)	BD241	577
DES MOINES AIRPORT	2104 ARMY POST RD	WNW 1 - 2 (1.942 mi.)	BF245	581
ACCENT TAG & LABEL INC	***2201 RITTENHOUSE ST***	***W 1 - 2 (1.960 mi.)***	***247***	***597***
HEAD INC	6214 FLEUR DRIVE	WNW 1 - 2 (1.978 mi.)	BG248	599
FORMER UST SITE	4503 SW 9TH STREET	NNW 1 - 2 (1.980 mi.)	BH250	606
DES MOINES INTL AIRPORT	6200 FLEUR DRIVE	WNW 1 - 2 (1.981 mi.)	BG251	606
HOLIDAY INN DES MOINES AIRPORT	6111 FLEUR DRIVE	WNW 1 - 2 (1.995 mi.)	BG252	607

Lower Elevation	Address	Direction / Distance	Map ID	Page
GIT-N-GO	702 BEARDSLEY (#20)	SSE 1 - 2 (1.395 mi.)	AL155	416
LIVINGSTON'S AUTO	***5304 SW 9TH ST***	***NNW 1 - 2 (1.565 mi.)***	***AQ186***	***505***
WALMART SUPERCENTER 1723	5101 SE 14TH ST	NNE 1 - 2 (1.582 mi.)	AV207	511
WILSHIRE MOBILE HOME CT	2714 100TH AVENUE	S 1 - 2 (1.679 mi.)	AW213	518
HOME DEPOT HD2104	4900 SE 14TH ST	NNE 1 - 2 (1.705 mi.)	AY218	528
BUCKS S DES MOINES AUTO BODY-F	***4700 SE 14TH ST***	***NNE 1 - 2 (1.837 mi.)***	***232***	***555***
ADESA DES MOINES LLC	1530 E MCKINLEY AVENUE	NNE 1 - 2 (1.872 mi.)	234	559
BUDGET LUBE CORP	4520 SE 14TH STREET	NNE 1 - 2 (1.940 mi.)	BE244	581

EXECUTIVE SUMMARY

NPDES: The files listed below contain information on facilities that hold NPDES permits, or those that are authorized to discharge wastewater to surface waters in Iowa.

A review of the NPDES list, as provided by EDR, and dated 06/24/2010 has revealed that there are 2 NPDES sites within approximately 2 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
DES MOINES - NAHAS AQUATIC CEN	1101 PORTER AVENUE	NW 1 - 2 (1.554 mi.)	AS181	485
Lower Elevation	**Address**	**Direction / Distance**	**Map ID**	**Page**
WILSHIRE MOBILE HOME COURT	2714 100TH AVENUE	S 1 - 2 (1.679 mi.)	AW212	517

AIRS: A listing of Minor and Title V sources.

A review of the AIRS list, as provided by EDR, and dated 07/09/2010 has revealed that there is 1 AIRS site within approximately 2 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SIGNS PLUS, INC.	1410 SE DIEHL AVE	NNE 1 - 2 (1.293 mi.)	AC131	332

TIER 2: A listing of facilities which store or manufacture hazardous materials and submit a chemical inventory report.

A review of the TIER 2 list, as provided by EDR, and dated 12/31/2009 has revealed that there are 7 TIER 2 sites within approximately 2 miles of the target property.

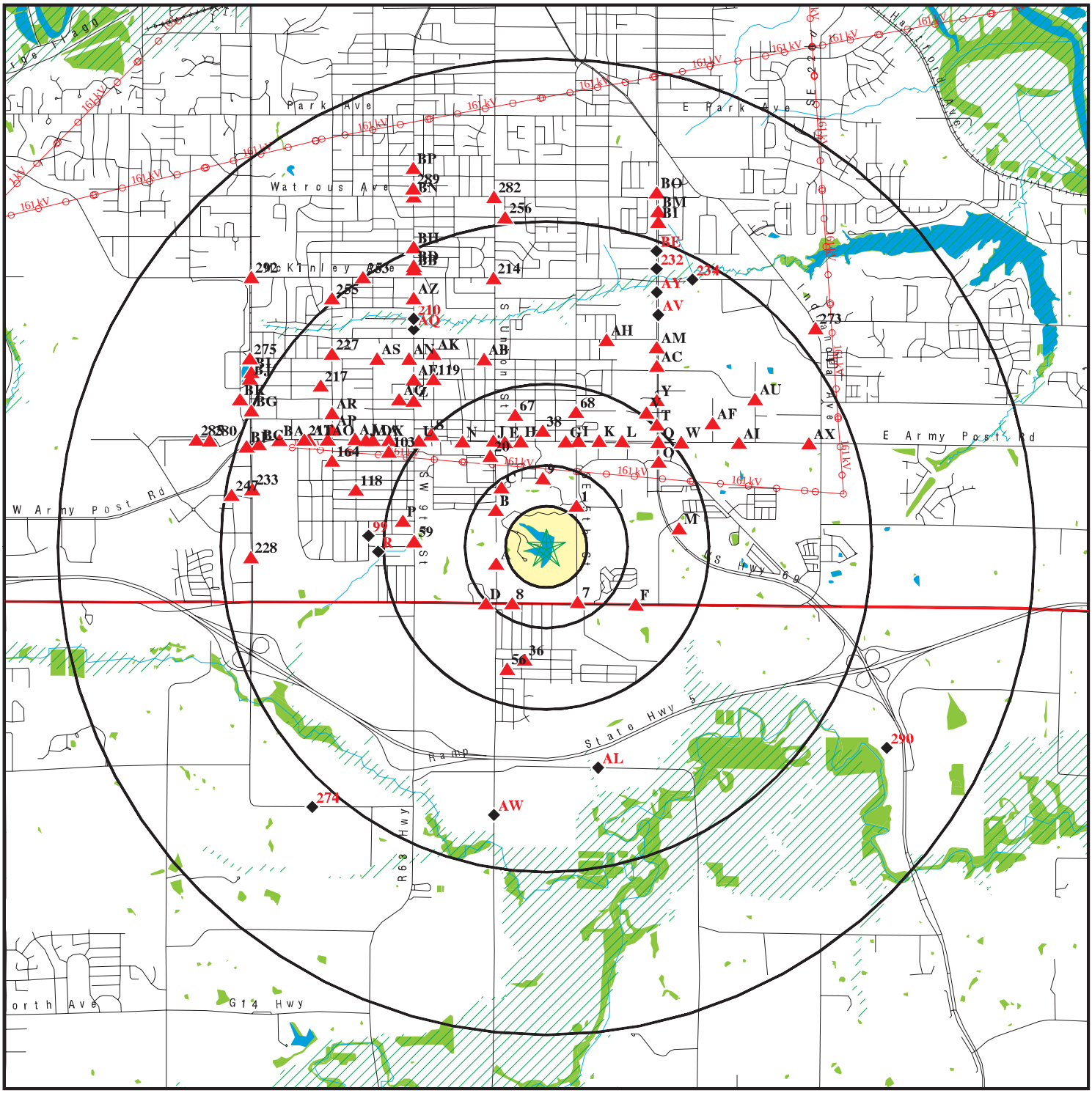
Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SW 9TH & ARMY POST	6304 SW 7TH	NW 1/2 - 1 (0.989 mi.)	S80	203
ARMY POST MSC/CELLSITE DES MOI	1530 E ARMY POST ROAD	NE 1 - 2 (1.051 mi.)	W96	257
LUBRICATIONS OF DES MOINES #3,	6140 SE 14TH STREET	NE 1 - 2 (1.129 mi.)	Y102	269
QWEST - DES MOINES SOUTH	6008 SW 9TH STREET	NW 1 - 2 (1.213 mi.)	Z114	296
AMERICAN TOWER - ARMY POST, IA	6185 SE 16TH COURT COUR	NE 1 - 2 (1.274 mi.)	AF127	324
Lower Elevation	**Address**	**Direction / Distance**	**Map ID**	**Page**
JAMES OIL CO LLC	701 BEARDSLEY STREET	SSE 1 - 2 (1.398 mi.)	AL156	416
HOME DEPOT #2104	4900 SE 14TH STREET	NNE 1 - 2 (1.705 mi.)	AY220	531

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped:

Site Name	Database(s)
935 SW HEROLD	HIST CDL
ROBERT PRESTON	UST,HIST UST
KUM AND GO #28	UST,HIST UST
CARLISLE UTILITIES	FTTS,FINDS,HIST FTTS INSP
FORT DES MOINES (EX) TAR RNG	CERCLIS,FINDS
CASEY'S GENERAL STORE #14	LUST
V & V AUTOMOTIVE-FORMER SITE OF(RE	FINDS,RCRA-NLR
US ARMY RESERVE CENTER	FINDS,RCRA-NLR
CONFINEMENT LIVESTOCK SYSTEMS	FINDS,RCRA-NLR
CITY OF DES MOINES	FINDS
DES MOINES REGENCY MANOR LLC	FINDS
DES MOINES INTL AIRPORT	FINDS
CHICAGO & NORTHWESTERN RR DES MOIN	FINDS
DES MOINES AIRPORT VEHICLE MNTNC	FINDS
DES MOINES WATER WORKS-MAFFITT	FINDS
WRIGHT CHEVROLET-GEO	ICIS
DES MOINES AREA C STORMWATER L	ICIS
DES MOINES AREA B WWTP	ICIS
9TH AND CAULDER	DOT OPS
IOWA GAS COMPANY	DOT OPS

OVERVIEW MAP - 02888241.14r



- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites

0 3/4 1 1/2 3 Miles

- Indian Reservations BIA
- County Boundary
- Power transmission lines
- Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Ft. Des Moines	CLIENT: Shaw Environmental & Infrastructure
ADDRESS: Ft. Des Moines Des Moines IA 50315	CONTACT: Matt Mireiter
LAT/LONG: 41.5170 / 93.6100	INQUIRY #: 02888241.14r DATE: October 06, 2010 7:13 pm

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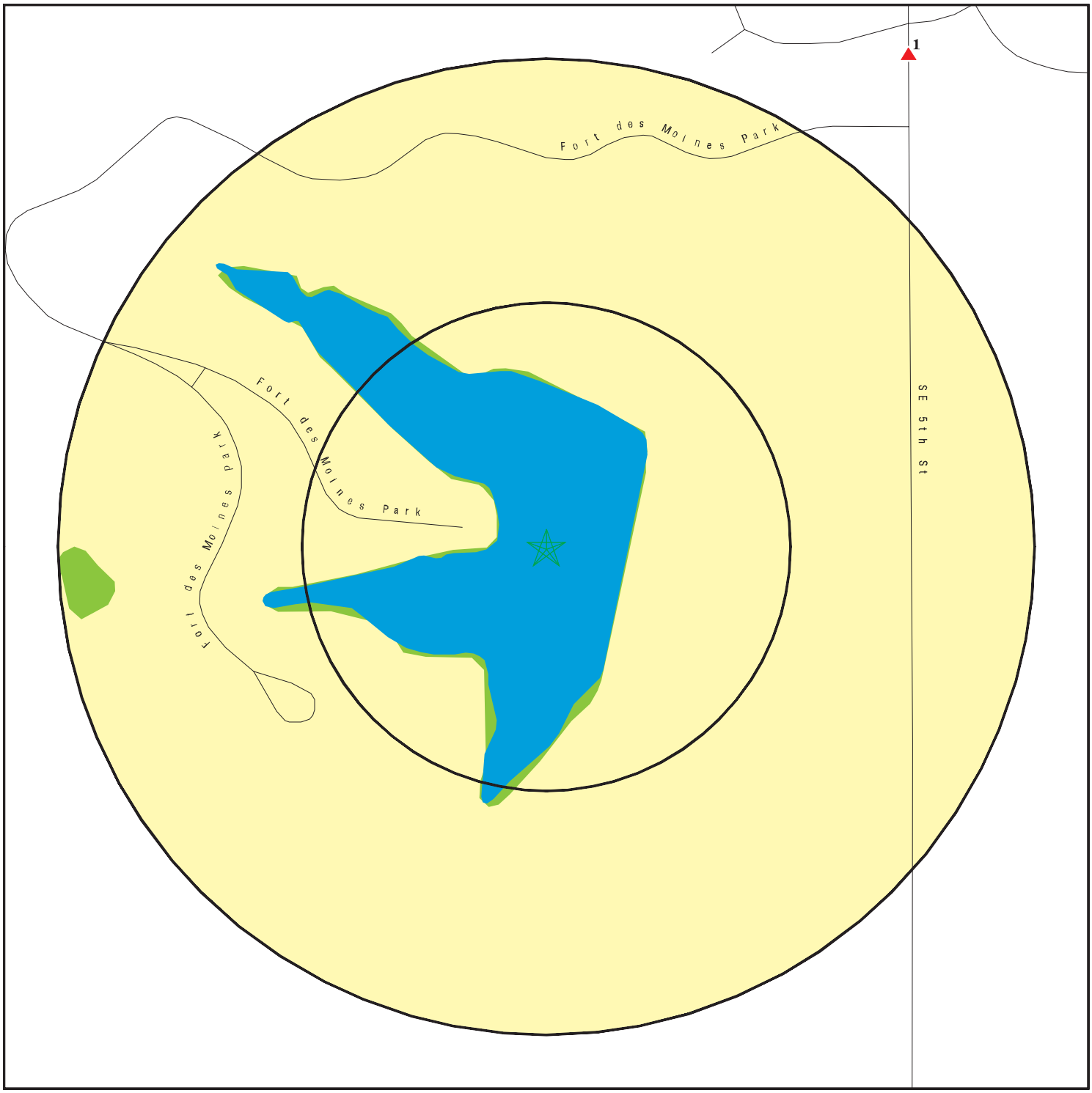
DETAIL MAP - 02888241.14r



- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory

0 1/16 1/8 1/4 Miles

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Ft. Des Moines	CLIENT: Shaw Environmental & Infrastructure
ADDRESS: Ft. Des Moines Des Moines IA 50315	CONTACT: Matt Mireiter INQUIRY #: 02888241.14r
LAT/LONG: 41.5170 / 93.6100	DATE: October 06, 2010 7:13 pm

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MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL		3.000	0	0	0	0	0	0
Proposed NPL		3.000	0	0	0	0	0	0
NPL LIENS		2.000	0	0	0	0	0	0
Federal Delisted NPL site list								
Delisted NPL		3.000	0	0	0	0	0	0
Federal CERCLIS list								
CERCLIS		2.500	0	0	0	1	0	1
FEDERAL FACILITY		3.000	0	0	0	0	0	0
Federal CERCLIS NFRAP site List								
CERC-NFRAP		2.500	0	0	0	0	1	1
Federal RCRA CORRACTS facilities list								
CORRACTS		3.000	0	0	0	0	0	0
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF		2.500	0	0	0	0	0	0
Federal RCRA generators list								
RCRA-LQG		2.250	0	0	0	0	0	0
RCRA-SQG		2.250	0	0	0	2	6	8
RCRA-CESQG		2.250	0	0	0	6	11	17
Federal institutional controls / engineering controls registries								
US ENG CONTROLS		2.500	0	0	0	0	0	0
US INST CONTROL		2.500	0	0	0	0	0	0
Federal ERNS list								
ERNS		2.000	0	0	0	3	2	5
State- and tribal - equivalent CERCLIS								
SHWS		3.000	0	0	0	0	0	0
State and tribal landfill and/or solid waste disposal site lists								
SWF/LF		2.500	0	0	0	0	0	0
State and tribal leaking storage tank lists								
LUST		2.500	0	0	2	5	31	38
HIST LUST		2.500	0	0	2	5	33	40
LAST		2.500	0	0	0	0	0	0
INDIAN LUST		2.500	0	0	0	0	0	0
State and tribal registered storage tank lists								
UST		2.250	0	0	3	15	48	66

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
AST		2.250	0	0	0	0	2	2
INDIAN UST		2.250	0	0	0	0	0	0
FEMA UST		2.250	0	0	0	0	0	0
State and tribal institutional control / engineering control registries								
INST CONTROL		2.500	0	0	0	0	0	0
State and tribal voluntary cleanup sites								
VCP		2.500	0	0	0	1	0	1
INDIAN VCP		2.500	0	0	0	0	0	0
State and tribal Brownfields sites								
BROWNFIELDS		2.500	0	0	0	0	0	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS		2.500	0	0	0	0	0	0
Local Lists of Landfill / Solid Waste Disposal Sites								
ODI		2.500	0	0	0	0	0	0
DEBRIS REGION 9		2.500	0	0	0	0	0	0
INDIAN ODI		2.500	0	0	0	0	0	0
Local Lists of Hazardous waste / Contaminated Sites								
US CDL		2.000	0	0	0	0	0	0
ALLSITES		2.500	0	0	0	2	2	4
DEL SHWS		3.000	0	0	0	0	0	0
US HIST CDL		2.000	0	0	0	0	0	0
Local Lists of Registered Storage Tanks								
HIST UST		2.250	0	0	3	15	46	64
Local Land Records								
LIENS 2		2.000	0	0	0	0	0	0
LUCIS		2.500	0	0	0	0	0	0
LIENS		2.000	0	0	0	0	0	0
Records of Emergency Release Reports								
HMIRS		2.000	0	0	0	1	19	20
SPILLS		2.000	0	0	2	7	11	20
Other Ascertainable Records								
RCRA-NonGen		2.250	0	0	2	8	30	40
DOT OPS		2.000	0	0	0	2	0	2
DOD		3.000	0	0	0	0	0	0
FUDS		3.000	0	0	0	1	0	1

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
CONSENT		3.000	0	0	0	0	0	0
ROD		3.000	0	0	0	0	0	0
UMTRA		2.500	0	0	0	0	0	0
MINES		2.250	0	0	0	0	0	0
TRIS		2.000	0	0	0	0	0	0
TSCA		2.000	0	0	0	0	0	0
FTTS		2.000	0	0	0	1	3	4
HIST FTTS		2.000	0	0	0	1	3	4
SSTS		2.000	0	0	0	0	0	0
ICIS		2.000	0	0	0	0	2	2
PADS		2.000	0	0	0	1	0	1
MLTS		2.000	0	0	0	0	0	0
RADINFO		2.000	0	0	0	0	0	0
FINDS		2.000	0	0	7	28	82	117
RAATS		2.000	0	0	0	0	0	0
DRYCLEANERS		2.250	0	0	0	0	0	0
NPDES		2.000	0	0	0	0	2	2
AIRS		2.000	0	0	0	0	1	1
TIER 2		2.000	0	0	0	1	6	7
INDIAN RESERV		3.000	0	0	0	0	0	0
SCRD DRYCLEANERS		2.500	0	0	0	0	0	0
COAL ASH DOE		2.000	0	0	0	0	0	0
COAL ASH EPA		2.500	0	0	0	0	0	0
COAL ASH		2.500	0	0	0	0	0	0
PCB TRANSFORMER		2.000	0	0	0	0	0	0
EDR PROPRIETARY RECORDS								
EDR Proprietary Records								
Manufactured Gas Plants		3.000	0	0	0	0	0	0

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

1
NE
1/4-1/2
0.313 mi.
1654 ft.

Relative:
Higher

Actual:
928 ft.

6930 NE 5TH. ST., DES MOINES, IA
DES MOINES, IA

SPILLS **S105272665**
N/A

SPILL:

Facility ID:	120400-DLP-0945
Reported Date:	12/4/2000
Reported Time:	9:45:00 AM
Taken By:	Dave Perry
Spill Date:	12/4/2000
Spill Time:	9:00:00 AM
6 hr Letter:	FALSE
Continuous Release:	FALSE
Incident Location:	Not reported
Incident Mode:	Transformer
Incident Type:	Transformer oil/PCB
Incident Medium Land:	TRUE
Incident Medium Water:	FALSE
Incident Medium Air:	FALSE
Initial Instructions:	Sample oil from transformer; replace the unit; clean the pad and excavate contaminated soil; containerize cleaning materials and impacted soils; properly dispose of the containerized materials, upon receipt of the laboratory analysis.
Events:	Discovered where a pad mounted transformer had a very small leak. The leak resulted in a reported release of 1 - 2 gallons of transformer oil onto a pad and into the immediate soil around the pad.

A2
WSW
1/4-1/2
0.323 mi.
1707 ft.

Relative:
Higher

Actual:
948 ft.

BLANK GOLF SHOP
7404 CHAFFEE RD
DES MOINES, IA 50315

Site 1 of 2 in cluster A

FINDS **1011296687**
N/A

FINDS:

Registry ID: 110036368105

Environmental Interest/Information System
IDNR-EFD (Iowa Department Of Natural Resources - Emission Factor Documentation) provides information about existing emission factors

---

A3
WSW
1/4-1/2
0.323 mi.
1707 ft.

Relative:
Higher

Actual:
948 ft.

BLANK GOLF SHOP
7404 CHAFFEE RD
DES MOINES, IA 50315

Site 2 of 2 in cluster A

LUST **U003169993**
HIST LUST **N/A**
UST
HIST UST

LUST:

Registration:	198605131
Leak Number:	8LTB30
Date Reported:	10/8/1990
Date Cleanup Started:	10/26/1994
Date Cleanup Completed:	8/30/2001
Record Description:	No Action Required
Product Description:	Gasoline

BLANK GOLF SHOP (Continued) **U003169993**

Registration: 198605131
Leak Number: 8LTB30
Date Reported: 10/8/1990
Date Cleanup Started: 10/26/1994
Date Cleanup Completed: 8/30/2001
Record Description: No Action Required
Product Description: Diesel

HIST LUST:
Facility ID: 198605131
Leak Number: 8LTB30
Leak Entry Date: 10/16/90
Spill Number: Not reported
Occur Date: Not reported
Occur Time: Not reported
Discover Date: Not reported
Discover Time: Not reported
Facility Addr 2: Not reported
Facility Phone: Not reported
Facility Fax1: Not reported
Facility Fax2: Not reported
Owner Name: CITY OF DM PARK & REC
Owner Type: Municipal
Owner Addr: 3226 UNIVERSITY
Owner City,St,Zip: DES MOINES, IA 503110000
Owner Phone: 0000000000
Owner Fax: Not reported
Lead: State Fund
Coordinator: ERD
Staff Initials: JPP
Leak Contact: MIKE KLAPP
Leak Address: Not reported
Leak City,St,Zip: 0
Leak Phone: 5152834931
Record Name: ROGGE
Record Date: 10/11/1990 0:00
Record Location: Lust
Reporter Name: MIKE KLAPP
Reporter Business: CITY OF DES MOINES
Reporter Date: 10/08/90
Reporter Addr: CITY HALL/1ST&LOCUST
Rprtr City,St,Zip: DES MOINES, IA 503070000
Reporter Phone: 5152834931
Responsible Party: DAVID MCGUFFIN
RP Company: CITY OF DSM ENGINEERING DEPT
RP Address: 400 EAST 1ST STREET
RP City,St,Zip: DES MOINES, IA 50309
RP Phone: 0
RP Ext: Not reported
RP Fax: Not reported
ER Date: Not reported
Delete: No
Ground Water Professional ID: 1621
Ground Water Professional Due Date: 05/23/92
Ground Water Professional Received Date: 06/20/94
Corrective Action Design Report Id: 0
Corrective Action Design Due Date: Not reported

BLANK GOLF SHOP (Continued) **U003169993**

Corrective Action Design Record Date:	/ /
IA Hist Lust Status:	
ID:	2421
Site Leak Number:	8LTB30
Discovered During:	Removal
Tanks Removed:	11
Leak Cause:	Not reported
Gas:	Yes
Diesel:	Yes
Oil:	Not reported
Kerosene:	Not reported
Released Fuel Oil:	Not reported
Released Hydraulic Oil:	Not reported
Released Other Petroleum:	Not reported
Released Unknown:	Not reported
Released Non_Petroleum Chemical:	Not reported
Gallons Released:	000000000000
Leak Status:	Stopped
Loc Soil:	Yes
Loc Ground Water:	Not reported
Loc Surface Water:	Not reported
Loc Water Supply:	Not reported
Res Public Water Supply:	Not reported
Resources Water Well:	Not reported
Res Actual Drinking WW:	Not reported
Res Non-Drink WW:	Not reported
respotprtg:	Not reported
ressoil:	Not reported
Res Ground Water:	Not reported
Res Surface Water:	Not reported
Res Toxic Vapor:	Not reported
Res Explosive Vapor:	Not reported
Res Other:	Not reported
Res Impacted Soil:	Not reported
Res Impacted Ground Water:	Not reported
Res Impacted Water Well:	Not reported
Res Impacted Pub Water Supply:	Not reported
Res Impacted Surface Water:	Not reported
Res Impacted Toxic Vapor:	Not reported
Res Impacted Explosive Vapor:	Not reported
Res Impacted Other:	Not reported
Res Impacted Drinking WW:	Not reported
Res Impacted Non-Drink WW:	Not reported
Res Impacted Potential Non Drink WW:	Not reported
Officials Onsite Health:	Not reported
Officials Onsite Fire:	Not reported
Officials Onsite Law:	Not reported
Officials Onsite Civil:	Not reported
Officials Onsite None:	Not reported
Officials Onsite Unknown:	Yes
Officials Onsite Other:	Not reported
AST:	Not reported
UST/LUST Other:	Not reported
Delete:	No

IA Hist Lust Cause:

BLANK GOLF SHOP (Continued) **U003169993**

Release Cause: Not reported

IA Hist Lust Groundwater:
Groundwater Prof. Applicant Id Num.: 1621
Groundwater Pro. App. Last Name: MAHER-LEWIS
Groundwater Pro. App. First Name: ANITA
Groundwater Pro. Firm: BARKER, LEMAR & ASSOCIATES
Groundwater Pro. Address: 1801 INDUSTRIAL CIRCLE
Groundwater Pro. Address 2: Not reported
Groundwater Pro. City: WEST DES MOINES
Groundwater Pro. State: IA
Groundwater Pro. Zip Code: -50265
Groundwater Pro. Tele: 5152568814
Groundwater Pro. Fax: Not reported
Groundwater Pro. Email: amaher@barkerlemar.com
Groundwater Pro. Exp. Of Gwp Cert.: 12/31/2007 0:00
Is The Gwp Certified?: Yes
Is Gwp Cert. For Cadr?: Yes

IA Hist Lust Misc:

Misc Due Date:	4/16/91 0:00:00	Misc Rec Date:	7/10/91 0:00:00
Misc Other:	Not reported	Misc Title:	Not reported
Misc Due Date:	Not reported	Misc Rec Date:	8/29/00 0:00:00
Misc Other:	Not reported	Misc Title:	REC'D T1, MTBE, AND DISK

IA Hist Lust Site Monitoring Report:
Site Monitoring Report Due Date: Not reported
Site Monitoring Report Rec Date: Not reported
Site Monitoring Report Reg Date: Not reported
Site Monitoring Report Rejected Date: Not reported
Site Monitoring Report Type: Not reported
Reclassification Request Type: Not reported
Site Monitoring Report Revd By: Not reported
GW professional ID: Not reported

IA Hist Lust Remediation:
Heat Treatment: No
Land Application: No
On Site: No
Achieved Over-Excavation: No
Soil Venting Passive: No
Soil Venting Active: No
Bioremediation Passive: No
Bioremediation Active: No
In Situ GW Treatment - Air Sparging: No
Ground Water: No
Fresh Water: No
IGT - pH Adjustment: No
Nutrient: No
Oxygen: No
Biological: No
Permit Date: Not reported
Other: No
Surface Treatment - Carbon Absorption: No

BLANK GOLF SHOP (Continued) **U003169993**

Biological:	No
ST Other:	No
TDT Sanitary Sewer:	No
TDT Storm Sewer:	No
Stream:	No
TDT Other:	No
Reduced Risk Plugged Well:	No
RR Replace:	No
RR Relocate:	No
RR Other:	No
Delete:	No

IA Hist Lust Free Product Recovery:

FPR Report Assesment Due:	Not reported
FPR Report Received:	Not reported
FPR Report Accepted:	Not reported
FPR Report Rejected:	Not reported
FPR Report Revised:	Not reported

IA Hist Lust Corrective Action Design Report:

Corrective Action Design Record Date:	Not reported
Corrective Action Design Received:	Not reported
Corrective Action Design Accepted:	Not reported
Corrective Action Design Rejected:	Not reported
Revised Report Received:	Not reported

IA Hist Lust Tier 1 Report:

T1 Assesment Due:	9/26/00 0:00:00
T1 Received:	8/29/00 0:00:00
Tier 1 Consultant Recommends:	Not reported
T1 Accepted:	8/30/01 0:00:00
T1 Rejected:	Not reported
T1 Revised:	Not reported
T1 Reviewed:	JPP

IA Hist Lust Tier 2 Report:

T2 Assesment Due:	Not reported
T2 Received:	Not reported
T2 Accepted:	Not reported
T2 Rejected:	Not reported
T2 Reviewed:	Not reported

IA Hist Lust Tier 3 Report:

T3 Assesment Due:	Not reported
T3 Received:	Not reported
T3 Accepted:	Not reported
T3 Rejected:	Not reported

IA Hist Lust Administration:

ID:	2421
Owner Identified:	Yes
Responsible Party Found:	Yes
RP Date:	10/16/90 0:00:00
Owner Broke:	No

BLANK GOLF SHOP (Continued) **U003169993**

ER Date:	Not reported
Cost Recovery Start Dt:	Not reported
CR Notice of Intent Dt:	Not reported
CR Appeal of NOI Dt:	Not reported
CR Final Decision Dt:	Not reported
CR EP Comm Lien Approval Dt:	Not reported
CR Lien:	Not reported
CR Ten Yr Renewal Dt:	Not reported
CR Lien Named:	No
crtyrdate:	Not reported
CR Remediation:	Not reported
Delete:	No
CR Amnt Received:	Not reported
CR End Date:	Not reported

IA Hist Lust 28E:

Counter:	Not reported
Staff Initials:	Not reported
Type:	Not reported
County:	Not reported
Part Of State:	Not reported
Priority Number:	Not reported
Reason:	Not reported
Responsible Party:	Not reported
rfpno:	Not reported
Removed:	Not reported
Date Removed:	Not reported
Field Office:	Not reported
Newlist:	Not reported
State Lead:	Not reported
Access Letter Mailed:	Not reported
Owner Signed Access:	Not reported
Signed Access to Contractor:	Not reported
Contractor Signed Access:	Not reported
Final Access Mailed:	Not reported
nfr:	Not reported
Start Date:	Not reported

IA Hist Lust AO:

Seq Number:	Not reported
Distribution:	Not reported
UST/LUST Other:	Not reported
Order Type:	Not reported
Legal Ref Start:	Not reported
Division ADM Date:	Not reported
CE Bureau Date:	Not reported
AO Issue Date:	Not reported
AO Number:	Not reported
Name Of Parties:	Not reported
Penalty Due Date:	Not reported
Penalty Amount:	Not reported
Penalty Paid Date:	Not reported
Penalty Amount Paid:	Not reported
AO Appeal Date:	Not reported
ALJ Decision Date:	Not reported
EPC Decision Date:	Not reported

BLANK GOLF SHOP (Continued) **U003169993**

Attorney Gen Ref Date: Not reported
Final Court Decision: Not reported
Case Number: Not reported
County: Not reported
Action Required: Not reported
Compliance Due: Not reported
In Compliance Date: Not reported
Removed: Not reported
Staff Initials: Not reported

IA Hist Lust ATP:
Seq Number: Not reported
Last Name: Not reported
Priority Rank: Not reported
Type: Not reported
Reason: Not reported
ATP Due: Not reported
ATP Letter: Not reported
Financial Documents Recvd: Not reported
Able/Unable To Pay: Not reported
Final Letter: Not reported
Project Complete: Not reported
RP Able to Pay: Not reported
Project Removed: Not reported
Staff Initials: Not reported
Comment: Not reported

IA Hist Lust Contract:
Seq Number: Not reported
Tank City: Not reported
Staff Initials: Not reported
Score: Not reported
Scope Completed: Not reported
Advertise: Not reported
Receive Bids: Not reported
Commission Approval: Not reported
Contract Approved: Not reported
Original Contract Amt: Not reported
Change Orders: Not reported
Paid to Date: Not reported
SCR/CADR Received: Not reported
SCR/CADR Approved: Not reported
Contract: Not reported

IA Hist Lust Bedrock Well:
ID: Not reported
Category: Not reported
Sample Water Supply: Not reported
GIS Survey: Not reported

IA Hist Lust Inst Control:
Inst Control Begin: Not reported
Inst Control Type: Not reported

BLANK GOLF SHOP (Continued) **U003169993**

IA Hist Lust Track:

ID:	2421
Site Assesment Start Date:	11/15/90 0:00:00
Free Product Recvry End Date:	Not reported
FP Letter Sent Date:	Not reported
FP Report Frequency:	Not reported
Assesment Report Due:	Not reported
Assesment Report Received:	Not reported
Assesment Report Approved:	Not reported
Achieved Over-Excavation:	Not reported
Release Not Verified Date:	Not reported
Ref to Contaminated Site Section:	Not reported
Cleanup Start Date:	10/26/94 0:00:00
Cleanup Complete Date:	8/30/01 0:00:00
Cleanup Report Due Date:	10/23/92 0:00:00
Cleanup Report Received Date:	6/20/94 0:00:00
Cleanup Report Approved Date:	10/26/94 0:00:00
Check Report Due Date:	Not reported
Check Report Received Date:	Not reported
Check Report Rejected Date:	Not reported
Check Report Approved Date:	Not reported
Date Classified:	8/30/01 0:00:00
Risk Classification -NFA:	Yes
Class - Low Risk:	No
Class - High Risk:	No
Lust Current:	No Action Required
Tier 1 Consultant Recommends:	NFA
T1 Actual GW Ingestion:	No
T1 Poten GW Ingestion from Protected GW:	No
T1 Poten GW Ingestion from Protected GW:	No
T1 GW Vapor to Enclosed Space:	No
T1 GW to Plastic Water Line:	No
T1 Surface Water:	No
T1 Soil Leaching to GW:	No
T1 Soil Vapor to Enclosed Space:	No
T1 Soil to Plastic Line:	No
Tier 2 Consultant Recommends:	Not reported
T2 Actual GW Ingestion:	Not reported
T2 Poten GW Ingestion from Protected GW:	Not reported
T2 Poten GW Ingestion from Protected GW:	Not reported
T2 GW Vapor to Enclosed Space:	Not reported
T2 GW to Plastic Water Line:	Not reported
T2 SW General Use:	Not reported
T2 SW Designated Use:	Not reported
T2 Soil Leaching to GW:	Not reported
T2 Soil Vapor to Enclosed Space:	Not reported
T2 Soil to Plastic Line:	Not reported
Institutional Control Obtained:	No
NFA Certificate Sent:	Not reported
No Action Required:	**No**
Priority Ranking:	5
Delete:	No

UST:

Registration:	198605131

BLANK GOLF SHOP (Continued) **U003169993**

UST:

Registration:	198605131
Status Description:	Regulated tanks - r/f
Type Description:	Municipal
Tank Id:	14808
Install Date:	3/1/1983
Status Description:	Regulated tanks - r/f
Capacity:	500
Content Description:	Gasoline
Registration:	198605131
Tank Id:	14809
Install Date:	5/1/1985
Status Description:	Regulated tanks - r/f
Capacity:	550
Content Description:	Diesel

HIST UST:

Tank Number:	001
Tank Status:	**Regulated tanks - r/f**
Tank Type:	Other
Tank Capacity:	500
Currently In Use:	No
Tank Material and Construction:	Steel
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported
Site Install Date:	3/1/83 0:00:00
Date Removed:	10/18/90 0:00:00
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Not reported
TIP Internal Unknown:	Not reported
TIP Internal Other:	NONE
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported

BLANK GOLF SHOP (Continued) **U003169993**

Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Yes
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

Tank Number:	002
Tank Status:	**Regulated tanks - r/f**
Tank Type:	Other
Tank Capacity:	550

BLANK GOLF SHOP (Continued) **U003169993**

Currently In Use:	No
Tank Material and Construction:	Steel
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported
Site Install Date:	5/1/85 0:00:00
Date Removed:	10/18/90 0:00:00
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Not reported
TIP Internal Unknown:	Not reported
TIP Internal Other:	NONE
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Yes
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported

BLANK GOLF SHOP (Continued) **U003169993**

TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

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B4 **FORT DES MOINES - BLDG 126** **RCRA-NonGen** **1004690946**
NW **RODGERS RD & CHAFFEE RD** **FINDS** **IAP000001234**
1/4-1/2 **DES MOINES, IA 50315**
0.384 mi.
2028 ft. **Site 1 of 3 in cluster B**

Relative:
Higher

Actual:
938 ft.

RCRA-NonGen:

Date form received by agency:	08/09/1993
Facility name:	FORT DES MOINES - BLDG 126
Facility address:	RODGERS RD & CHAFFEE RD DES MOINES, IA 50315
EPA ID:	IAP000001234
Contact:	Not reported
Contact address:	Not reported Not reported
Contact country:	Not reported
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	07
Land type:	Federal
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	US ARMY
Owner/operator address:	X X, IA X
Owner/operator country:	Not reported

FORT DES MOINES - BLDG 126 (Continued) **1004690946**

Owner/operator telephone: X
Legal status: Federal
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: Unknown
Mixed waste (haz. and radioactive): Unknown
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: Unknown
Furnace exemption: Unknown
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Verified to be non-commercial

Historical Generators:
Date form received by agency: 01/01/1979
Facility name: FORT DES MOINES - BLDG 126
Classification: Not a generator, verified

Hazardous Waste Summary:
Waste code: NONE
Waste name: None

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 02/07/1994
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA Contractor/Grantee

FINDS:

Registry ID: 110007511380

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

B5
NW
1/4-1/2
0.384 mi.
2028 ft.

FORT DES MOINES
RODGERS RD, BLDG 117
DES MOINES, IA 50315

Site 2 of 3 in cluster B

HIST LUST **U003640680**
HIST UST **N/A**

Relative:
Higher

Actual:
938 ft.

HIST LUST:

Facility ID:	199517801
Leak Number:	9LTC96
Leak Entry Date:	01/29/96
Spill Number:	Not reported
Occur Date:	Not reported
Occur Time:	Not reported
Discover Date:	5/25/1995 0:00
Discover Time:	Not reported
Facility Addr 2:	Not reported
Facility Phone:	Not reported
Facility Fax1:	Not reported
Facility Fax2:	Not reported
Owner Name:	U.S. ARMY CORPS OF ENGINEERS
Owner Type:	Not reported
Owner Addr:	215 N. 17TH ST/CEMRO-ED-E
Owner City,St,Zip:	OMAHA, NE 681024978
Owner Phone:	4022217162
Owner Fax:	Not reported
Lead:	Responsible Party
Coordinator:	ERD
Staff Initials:	ERD
Leak Contact:	JENNIFER S YOUNG
Leak Address:	Not reported
Leak City,St,Zip:	0
Leak Phone:	4022932566
Record Name:	COLLINS
Record Date:	5/25/1995 0:00
Record Location:	UST
Reporter Name:	PETE MUCKENHAUST
Reporter Business:	PSI
Reporter Date:	05/25/95
Reporter Addr:	2917 DOUGLAS ST
Rprtr City,St,Zip:	OMAHA, NE 681310000
Reporter Phone:	4023415181
Responsible Party:	DAVID PACKARD
RP Company:	US ARMY CORPS OF ENGINEERS
RP Address:	CENWO NW OMAHA-PM-M
RP Address 2:	2115 NORTH 17 TH STREET
RP City,St,Zip:	OMAHA, NE 681024978
RP Phone:	4022213869
RP Ext:	Not reported
RP Fax:	Not reported
ER Date:	Not reported
Delete:	No
Ground Water Professional ID:	1691
Ground Water Professional Due Date:	01/08/00
Ground Water Professional Received Date:	07/11/01
Corrective Action Design Report Id:	0
Corrective Action Design Due Date:	Not reported
Corrective Action Design Record Date:	/ /

IA Hist Lust Status:

ID:	5603

FORT DES MOINES (Continued) **U003640680**

Site Leak Number:	9LTC96
Discovered During:	Removal
Tanks Removed:	04
Leak Cause:	UKNK
Gas:	Yes
Diesel:	Yes
Oil:	Not reported
Kerosene:	Not reported
Released Fuel Oil:	Not reported
Released Hydraulic Oil:	Not reported
Released Other Petroleum:	Not reported
Released Unknown:	Not reported
Released Non_Petroleum Chemical:	Not reported
Gallons Released:	UNK000000000
Leak Status:	Stopped
Loc Soil:	Yes
Loc Ground Water:	Yes
Loc Surface Water:	Not reported
Loc Water Supply:	Not reported
Res Public Water Supply:	Not reported
Resources Water Well:	Not reported
Res Actual Drinking WW:	Not reported
Res Non-Drink WW:	Not reported
respotprtg:	Not reported
ressoil:	Not reported
Res Ground Water:	Not reported
Res Surface Water:	Not reported
Res Toxic Vapor:	Not reported
Res Explosive Vapor:	Not reported
Res Other:	Not reported
Res Impacted Soil:	Not reported
Res Impacted Ground Water:	Not reported
Res Impacted Water Well:	Not reported
Res Impacted Pub Water Supply:	Not reported
Res Impacted Surface Water:	Not reported
Res Impacted Toxic Vapor:	Not reported
Res Impacted Explosive Vapor:	Not reported
Res Impacted Other:	Not reported
Res Impacted Drinking WW:	Not reported
Res Impacted Non-Drink WW:	Not reported
Res Impacted Potential Non Drink WW:	Not reported
Officials Onsite Health:	Not reported
Officials Onsite Fire:	Not reported
Officials Onsite Law:	Not reported
Officials Onsite Civil:	Not reported
Officials Onsite None:	Not reported
Officials Onsite Unknown:	Not reported
Officials Onsite Other:	Not reported
AST:	Not reported
UST/LUST Other:	Not reported
Delete:	No

IA Hist Lust Cause:
Release Cause: Unknown

IA Hist Lust Groundwater:

FORT DES MOINES (Continued) **U003640680**

Groundwater Prof. Applicant Id Num.: 1691
Groundwater Pro. App. Last Name: WIGHT
Groundwater Pro. App. First Name: BRIAN K.
Groundwater Pro. Firm: URS CORPORATION
Groundwater Pro. Address: 2670 - 106TH STREET, #180
Groundwater Pro. Address 2: Not reported
Groundwater Pro. City: URBANDALE
Groundwater Pro. State: IA
Groundwater Pro. Zip Code: -50322
Groundwater Pro. Tele: 5152845500
Groundwater Pro. Fax: Not reported
Groundwater Pro. Email: brian_wight@URSCORP.com
Groundwater Pro. Exp. Of Gwp Cert.: 12/31/2007 0:00
Is The Gwp Certified?: Yes
Is Gwp Cert. For Cadr?: Yes

IA Hist Lust Misc:
Misc Due Date: Not reported
Misc Rec Date: Not reported
Misc Other: Not reported
Misc Title: Not reported

IA Hist Lust Site Monitoring Report:
Site Monitoring Report Due Date: Not reported
Site Monitoring Report Rec Date: Not reported
Site Monitoring Report Reg Date: Not reported
Site Monitoring Report Rejected Date: Not reported
Site Monitoring Report Type: Not reported
Reclassification Request Type: Not reported
Site Monitoring Report Revd By: Not reported
GW professional ID: Not reported

IA Hist Lust Remediation:
Heat Treatment: No
Land Application: No
On Site: No
Achieved Over-Excavation: No
Soil Venting Passive: No
Soil Venting Active: No
Bioremediation Passive: No
Bioremediation Active: No
In Situ GW Treatment - Air Sparging: No
Ground Water: No
Fresh Water: No
IGT - pH Adjustment: No
Nutrient: No
Oxygen: No
Biological: No
Permit Date: Not reported
Other: No
Surface Treatment - Carbon Absorption: No
Biological: No
ST Other: No
TDT Sanitary Sewer: No
TDT Storm Sewer: No
Stream: No
TDT Other: No
Reduced Risk Plugged Well: No

FORT DES MOINES (Continued) **U003640680**

RR Replace:	No
RR Relocate:	No
RR Other:	No
Delete:	No

IA Hist Lust Free Product Recovery:

FPR Report Assesment Due:	Not reported
FPR Report Received:	Not reported
FPR Report Accepted:	Not reported
FPR Report Rejected:	Not reported
FPR Report Revised:	Not reported

IA Hist Lust Corrective Action Design Report:

Corrective Action Design Record Date:	Not reported
Corrective Action Design Received:	Not reported
Corrective Action Design Accepted:	Not reported
Corrective Action Design Rejected:	Not reported
Revised Report Received:	Not reported

IA Hist Lust Tier 1 Report:

T1 Assesment Due:	3/15/02 0:00:00
T1 Received:	3/21/02 0:00:00
Tier 1 Consultant Recommends:	Not reported
T1 Accepted:	Not reported
T1 Rejected:	6/11/02 0:00:00
T1 Revised:	Not reported
T1 Reviewed:	ERD

T1 Assesment Due:	9/12/02 0:00:00
T1 Received:	9/16/02 0:00:00
Tier 1 Consultant Recommends:	Not reported
T1 Accepted:	Not reported
T1 Rejected:	9/20/02 0:00:00
T1 Revised:	Not reported
T1 Reviewed:	ERD

T1 Assesment Due:	12/20/02 0:00:00
T1 Received:	Not reported
Tier 1 Consultant Recommends:	Not reported
T1 Accepted:	Not reported
T1 Rejected:	Not reported
T1 Revised:	Not reported
T1 Reviewed:	Not reported

IA Hist Lust Tier 2 Report:

T2 Assesment Due:	Not reported
T2 Received:	Not reported
T2 Accepted:	Not reported
T2 Rejected:	Not reported
T2 Reviewed:	Not reported

IA Hist Lust Tier 3 Report:

T3 Assesment Due:	Not reported
T3 Received:	Not reported
T3 Accepted:	Not reported

FORT DES MOINES (Continued) **U003640680**

T3 Rejected: Not reported

IA Hist Lust Administration:
ID: 5603
Owner Identified: Yes
Responsible Party Found: Yes
RP Date: 1/29/96 0:00:00
Owner Broke: No
ER Date: Not reported
Cost Recovery Start Dt: Not reported
CR Notice of Intent Dt: Not reported
CR Appeal of NOI Dt: Not reported
CR Final Decision Dt: Not reported
CR EP Comm Lien Approval Dt: Not reported
CR Lien: Not reported
CR Ten Yr Renewal Dt: Not reported
CR Lien Named: No
crtyrdate: Not reported
CR Remediation: Not reported
Delete: No
CR Amnt Received: Not reported
CR End Date: Not reported

IA Hist Lust 28E:
Counter: Not reported
Staff Initials: Not reported
Type: Not reported
County: Not reported
Part Of State: Not reported
Priority Number: Not reported
Reason: Not reported
Responsible Party: Not reported
rfpno: Not reported
Removed: Not reported
Date Removed: Not reported
Field Office: Not reported
Newlist: Not reported
State Lead: Not reported
Access Letter Mailed: Not reported
Owner Signed Access: Not reported
Signed Access to Contractor: Not reported
Contractor Signed Access: Not reported
Final Access Mailed: Not reported
nfr: Not reported
Start Date: Not reported

IA Hist Lust AO:
Seq Number: 364
Distribution: Not reported
UST/LUST Other: L
Order Type: TIER 1
Legal Ref Start: 6/21/01 0:00:00
Division ADM Date: 6/26/01 0:00:00
CE Bureau Date: 6/27/01 0:00:00
AO Issue Date: Not reported
AO Number: Not reported

FORT DES MOINES (Continued) **U003640680**

Name Of Parties:	DAVID PACKARD, US ARMY CORPS OF ENGRS, OMAHA DIST
Penalty Due Date:	Not reported
Penalty Amount:	Not reported
Penalty Paid Date:	Not reported
Penalty Amount Paid:	Not reported
AO Appeal Date:	Not reported
ALJ Decision Date:	Not reported
EPC Decision Date:	Not reported
Attorney Gen Ref Date:	Not reported
Final Court Decision:	Not reported
Case Number:	Not reported
County:	Not reported
Action Required:	Not reported
Compliance Due:	Not reported
In Compliance Date:	Not reported
Removed:	No
Staff Initials:	JRH

IA Hist Lust ATP:

Seq Number:	Not reported
Last Name:	Not reported
Priority Rank:	Not reported
Type:	Not reported
Reason:	Not reported
ATP Due:	Not reported
ATP Letter:	Not reported
Financial Documents Recvd:	Not reported
Able/Unable To Pay:	Not reported
Final Letter:	Not reported
Project Complete:	Not reported
RP Able to Pay:	Not reported
Project Removed:	Not reported
Staff Initials:	Not reported
Comment:	Not reported

IA Hist Lust Contract:

Seq Number:	Not reported
Tank City:	Not reported
Staff Initials:	Not reported
Score:	Not reported
Scope Completed:	Not reported
Advertise:	Not reported
Receive Bids:	Not reported
Commission Approval:	Not reported
Contract Approved:	Not reported
Original Contract Amt:	Not reported
Change Orders:	Not reported
Paid to Date:	Not reported
SCR/CADR Received:	Not reported
SCR/CADR Approved:	Not reported
Contract:	Not reported

IA Hist Lust Bedrock Well:

ID:	Not reported
Category:	Not reported
Sample Water Supply:	Not reported

FORT DES MOINES (Continued) **U003640680**

GIS Survey:	Not reported
IA Hist Lust Inst Control:	
Inst Control Begin:	Not reported
Inst Control Type:	Not reported
IA Hist Lust Track:	
ID:	5603
Site Assesment Start Date:	2/2/96 0:00:00
Free Product Recvry End Date:	Not reported
FP Letter Sent Date:	Not reported
FP Report Frequency:	Not reported
Assesment Report Due:	Not reported
Assesment Report Received:	Not reported
Assesment Report Approved:	Not reported
Achieved Over-Excavation:	Not reported
Release Not Verified Date:	Not reported
Ref to Contaminated Site Section:	Not reported
Cleanup Start Date:	Not reported
Cleanup Complete Date:	Not reported
Cleanup Report Due Date:	Not reported
Cleanup Report Received Date:	Not reported
Cleanup Report Approved Date:	Not reported
Check Report Due Date:	Not reported
Check Report Received Date:	Not reported
Check Report Rejected Date:	Not reported
Check Report Approved Date:	Not reported
Date Classified:	Not reported
Risk Classification -NFA:	No
Class - Low Risk:	No
Class - High Risk:	No
Lust Current:	Not Classified
Tier 1 Consultant Recommends:	NFA
T1 Actual GW Ingestion:	No
T1 Poten GW Ingestion from Protected GW:	No
T1 Poten GW Ingestion from Protected GW:	No
T1 GW Vapor to Enclosed Space:	No
T1 GW to Plastic Water Line:	No
T1 Surface Water:	No
T1 Soil Leaching to GW:	No
T1 Soil Vapor to Enclosed Space:	Yes
T1 Soil to Plastic Line:	No
Tier 2 Consultant Recommends:	Not reported
T2 Actual GW Ingestion:	Not reported
T2 Poten GW Ingestion from Protected GW:	Not reported
T2 Poten GW Ingestion from Protected GW:	Not reported
T2 GW Vapor to Enclosed Space:	Not reported
T2 GW to Plastic Water Line:	Not reported
T2 SW General Use:	Not reported
T2 SW Designated Use:	Not reported
T2 Soil Leaching to GW:	Not reported
T2 Soil Vapor to Enclosed Space:	Not reported
T2 Soil to Plastic Line:	Not reported
Institutional Control Obtained:	No
NFA Certificate Sent:	Not reported
No Action Required:	**No**

FORT DES MOINES (Continued) **U003640680**

Priority Ranking: 5
Delete: No

HIST UST:

Tank Number:	001
Tank Status:	**Regulated tanks - r/f**
Tank Type:	Commercial
Tank Capacity:	20000
Currently In Use:	No
Tank Material and Construction:	Steel
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported
Site Install Date:	12/1/73 0:00:00
Date Removed:	5/26/95 0:00:00
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Yes
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Yes
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Yes
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Yes
PCP Double Wall Steel:	Not reported

FORT DES MOINES (Continued) **U003640680**

PCP Galvanized Steel:	Not reported
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

Tank Number:	002
Tank Status:	**Regulated tanks - r/f**
Tank Type:	Commercial
Tank Capacity:	1500
Currently In Use:	No
Tank Material and Construction:	Steel
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported
Site Install Date:	10/1/50 0:00:00
Date Removed:	5/26/95 0:00:00
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported

FORT DES MOINES (Continued) **U003640680**

Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Yes
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Yes
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Yes
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Yes
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Not reported
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported

FORT DES MOINES (Continued) **U003640680**

Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported
Tank Number:	003
Tank Status:	**Regulated tanks - r/f**
Tank Type:	Commercial
Tank Capacity:	500
Currently In Use:	No
Tank Material and Construction:	Steel
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported
Site Install Date:	10/1/50 0:00:00
Date Removed:	5/26/95 0:00:00
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Yes
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Yes
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported

FORT DES MOINES (Continued) **U003640680**

LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Yes
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Yes
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Not reported
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

Tank Number:	004
Tank Status:	**Regulated tanks - r/f**
Tank Type:	Commercial
Tank Capacity:	500
Currently In Use:	No
Tank Material and Construction:	Steel
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported

FORT DES MOINES (Continued) **U003640680**

Site Install Date:	10/1/50 0:00:00
Date Removed:	5/26/95 0:00:00
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Yes
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Yes
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Yes
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Yes
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Not reported
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported

FORT DES MOINES (Continued) **U003640680**

Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

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B6 **FORT DES MOINES** **LUST** **S109945109**
NW **RODGERS RD, BLDG 117** **N/A**
1/4-1/2 **DES MOINES, IA 50315**
0.384 mi.
2028 ft. **Site 3 of 3 in cluster B**

Relative:
Higher

Actual:
938 ft.

LUST:

Registration:	199517801
Leak Number:	9LTC96
Date Reported:	5/25/1995
Date Cleanup Started:	Not reported
Date Cleanup Completed:	Not reported
Record Description:	Not Classified
Product Description:	Diesel

Registration:	199517801
Leak Number:	9LTC96
Date Reported:	5/25/1995
Date Cleanup Started:	Not reported
Date Cleanup Completed:	Not reported
Record Description:	Not Classified
Product Description:	Gasoline

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7 **DURBIN TRUCKING/GRADING-FORMER SITE OF** **RCRA-NonGen** **1000163421**
SSE **SE 5TH & COUNTY LINE RD** **FINDS** **IAD981498231**
1/4-1/2 **DES MOINES, IA 50312**
0.391 mi.
2062 ft.

Relative:
Higher

Actual:
933 ft.

RCRA-NonGen:

Date form received by agency:	03/01/1994
Facility name:	DURBIN TRUCKING/GRADING-FORMER SITE OF
Facility address:	SE 5TH & COUNTY LINE RD

DURBIN TRUCKING/GRADING-FORMER SITE OF (Continued) **1000163421**

DES MOINES, IA 50312
EPA ID: IAD981498231
Mailing address: AMOS AVE
DES MOINES, IA 50315
Contact: Not reported
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 07
Land type: Private
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: GERALD DURBIN
Owner/operator address: X
X,
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: Unknown
Mixed waste (haz. and radioactive): Unknown
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: Unknown
Furnace exemption: Unknown
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Verified to be non-commercial

Historical Generators:
Date form received by agency: 04/10/1986
Facility name: DURBIN TRUCKING/GRADING-FORMER SITE OF
Classification: Small Quantity Generator

Hazardous Waste Summary:
Waste code: NONE
Waste name: None

Waste code: D000
Waste name: Not Defined

DURBIN TRUCKING/GRADING-FORMER SITE OF (Continued) **1000163421**

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 03/01/1994
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA Contractor/Grantee

FINDS:

Registry ID: 110007508018

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

8
SSW
1/4-1/2
0.406 mi.
2143 ft.

Relative: Higher

Actual: 952 ft.

STUDEBAKER ELEMENTARY SCHOOL **FINDS** **1008303411**
300 E COUNTY LINE RD **N/A**
DES MOINES, IA 50315

FINDS:

Registry ID: 110036780873

Environmental Interest/Information System
NCES (National Center for Education Statistics) is the primary federal entity for collecting and analyzing data related to education in the United States and other nations and the institute of education sciences.

9
North
1/4-1/2
0.422 mi.
2229 ft.

336 BURNHAM
DES MOINES, IA

SPILLS **S106596383**
N/A

Relative:
Higher

Actual:
930 ft.

SPILL:

Facility ID:	06068-KL-0926
Reported Date:	6/6/1998
Reported Time:	9:26:00 AM
Taken By:	KATHY LEE
Spill Date:	6/6/1998
Spill Time:	9:20:00 AM
6 hr Letter:	No
Continuous Release:	No
Incident Location:	Not reported
Incident Mode:	Handling And Storage
Incident Type:	Other
Incident Medium Land:	No
Incident Medium Water:	No
Incident Medium Air:	No
Initial Instructions:	Not reported
Events:	Heighborhood resident reported a gray cloud in the area.

C10
NW
1/4-1/2
0.453 mi.
2390 ft.

FORT DES MOINES
9 THAYER ST
DES MOINES, IA 50315

Site 1 of 5 in cluster C

UST **U004134721**
N/A

Relative:
Higher

Actual:
946 ft.

UST:

Registration:	199517801

UST:

Registration:	199517801
Status Description:	Regulated tanks - r/f
Type Description:	Not reported
Tank Id:	42591
Install Date:	12/1/1973
Status Description:	Regulated tanks - r/f
Capacity:	20000
Content Description:	Gasoline
Registration:	199517801
Tank Id:	42592
Install Date:	10/1/1950
Status Description:	Regulated tanks - r/f
Capacity:	1500
Content Description:	Diesel
Registration:	199517801
Tank Id:	42593
Install Date:	10/1/1950
Status Description:	Regulated tanks - r/f
Capacity:	500
Content Description:	Diesel
Registration:	199517801
Tank Id:	42594

FORT DES MOINES (Continued) **U004134721**

Install Date: 10/1/1950
Status Description: Regulated tanks - r/f
Capacity: 500
Content Description: Diesel

C11 **FT DES MOINES** **FINDS** **1011275810**
NW **9 THAYER ST** **N/A**
1/4-1/2 **DES MOINES, IA 50315**
0.453 mi.
2390 ft. **Site 2 of 5 in cluster C**

Relative: Higher

Actual: 946 ft.

FINDS:

Registry ID: 110036322805

Environmental Interest/Information System
IDNR-EFD (Iowa Department Of Natural Resources - Emission Factor Documentation) provides information about existing emission factors

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C12 **IOWA FEDERAL SURPLUS PROPERTY** **FINDS** **1007733493**
NW **6921 CHAFFEE RD** **N/A**
1/4-1/2 **DES MOINES, IA 50315**
0.453 mi.
2394 ft. **Site 3 of 5 in cluster C**

Relative: Higher

Actual: 947 ft.

FINDS:

Registry ID: 110018904462

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

C13 **GNRL SVC ADMIN** **FINDS** **1011273948**
NW **BLDG 87 87 GRUBER ST** **N/A**
1/4-1/2 **DES MOINES, IA 50309**
0.458 mi.
2416 ft. **Site 4 of 5 in cluster C**

Relative: Higher

Actual: 950 ft.

FINDS:

Registry ID: 110036349038

Environmental Interest/Information System
IDNR-EFD (Iowa Department Of Natural Resources - Emission Factor Documentation) provides information about existing emission factors

C14
NW
1/4-1/2
0.458 mi.
2416 ft.

GENERAL SERVICE ADMINISTRATION
BLDG 87 87 GRUBER ST
DES MOINES, IA 50309

Site 5 of 5 in cluster C

UST
HIST UST

U003636129
N/A

Relative:
Higher

UST:
Registration: 198609628

Actual:
950 ft.

UST:
Registration: 198609628
Status Description: Regulated tanks - r/f
Type Description: Federal

Tank Id: 29099
Install Date: 10/1/1963
Status Description: Regulated tanks - r/f
Capacity: 8000
Content Description: Gasoline

HIST UST:

Tank Number:	001
Tank Status:	**Regulated tanks - r/f**
Tank Type:	Other
Tank Capacity:	8000
Currently In Use:	No
Tank Material and Construction:	Steel
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	12/1/89 0:00:00
Site Install Date:	10/1/63 0:00:00
Date Removed:	8/24/90 0:00:00
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	1/1/00 0:00:00
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Not reported
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported

GENERAL SERVICE ADMINISTRATION (Continued) **U003636129**

TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Yes
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

D15 SW 1/2-1 0.508 mi. 2680 ft. | **MCCOMBS MIDDLE SCHOOL**
201 COUNTY LINE RD
DES MOINES, IA 50320

Site 1 of 3 in cluster D

RCRA-CESQG | **1008372657** | **IAR000504589**

Relative: Higher

Actual: 934 ft.

RCRA-CESQG:

Date form received by agency:	05/09/2005
Facility name:	MCCOMBS MIDDLE SCHOOL
Facility address:	201 COUNTY LINE RD DES MOINES, IA 503206301
EPA ID:	IAR000504589
Mailing address:	E EUCLID DES MOINES, IA 50313
Contact:	JAMES WILKERSON
Contact address:	E EUCLID DES MOINES, IA 50313
Contact country:	Not reported
Contact telephone:	(515) 242-7917
Contact email:	JAMES.WILKERSON@DMPS.K12.IA.US
EPA Region:	07
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name:	DES MOINES PUBLIC SCHOOLS
Owner/operator address:	E EUCLID AVE DES MOINES, IA 50313
Owner/operator country:	US
Owner/operator telephone:	Not reported
Legal status:	Other
Owner/Operator Type:	Owner
Owner/Op start date:	01/01/1973
Owner/Op end date:	Not reported

Owner/operator name:	DES MOINES PUBLIC SCHOOLS
Owner/operator address:	E EUCLID AVE DES MOINES, IA 50313
Owner/operator country:	US
Owner/operator telephone:	Not reported
Legal status:	Other
Owner/Operator Type:	Operator
Owner/Op start date:	01/01/1973
Owner/Op end date:	Not reported

MCCOMBS MIDDLE SCHOOL (Continued) **1008372657**

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No
Off-site waste receiver:	Commercial status unknown

Hazardous Waste Summary:

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D002
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Waste code: D011
Waste name: SILVER

Violation Status: No violations found

D16
SW
1/2-1
0.508 mi.
2680 ft.

MCCOMBS MIDDLE SCHOOL **FINDS** **1008219365**
201 COUNTY LINE RD **N/A**
DES MOINES, IA 50320

Site 2 of 3 in cluster D

Relative: Higher

Actual: 934 ft.

FINDS:

Registry ID: 110022436443

Environmental Interest/Information System
NCES (National Center for Education Statistics) is the primary federal entity for collecting and analyzing data related to education in the United States and other nations and the institute of education sciences.

MCCOMBS MIDDLE SCHOOL (Continued) **1008219365**

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

D17 **MCCOMBS TRANSITIONAL SCHOOL** **UST** **U001729073**
SW **201 SW COUNTY LINE RD** **HIST UST** **N/A**
1/2-1 **DES MOINES, IA 50315**
0.508 mi.
2680 ft. **Site 3 of 3 in cluster D**

Relative: Higher

UST:
Registration: 198609874

Actual: 934 ft.

UST:
Registration: 198609874
Status Description: Non-regulated heating oil tanks - active
Type Description: Private/Corporate

Tank Id: 29603
Install Date: 12/1/1973
Status Description: Non-regulated heating oil tank - active
Capacity: 20000
Content Description: Other

Registration: 198609874
Tank Id: 29602
Install Date: 12/1/1973
Status Description: Non-regulated heating oil tank - active
Capacity: 4000
Content Description: Other

HIST UST:

Tank Number:	001
Tank Status:	**Non-regulated heating oil tank - active**
Tank Type:	Not reported
Tank Capacity:	4000
Currently In Use:	No
Tank Material and Construction:	Steel Int. Lined with Fiberglass
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported
Site Install Date:	12/1/73 0:00:00
Date Removed:	Not reported
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported

MCCOMBS TRANSITIONAL SCHOOL (Continued) **U001729073**

Compartment 1 Case:	Not reported
TIP Internal Lining:	Yes
TIP None:	Not reported
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Yes
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported

MCCOMBS TRANSITIONAL SCHOOL (Continued) **U001729073**

Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

Tank Number:	002
Tank Status:	**Non-regulated heating oil tank - active**
Tank Type:	Not reported
Tank Capacity:	20000
Currently In Use:	No
Tank Material and Construction:	Steel Int. Lined with Fiberglass
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported
Site Install Date:	12/1/73 0:00:00
Date Removed:	Not reported
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Yes
TIP None:	Not reported
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Not reported

MCCOMBS TRANSITIONAL SCHOOL (Continued) **U001729073**

LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Yes
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

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E18 **FORT DES MOINES** **FUDS** **1007211493**
NNW **N/A**
1/2-1 **DES MOINES, IA**
0.645 mi.
3404 ft. **Site 1 of 3 in cluster E**

Relative:
Higher

Actual:
949 ft.

FUDS:

Federal Facility ID:	IA9799F0228
FUDS #:	B07IA0729
INST ID:	53731
Facility Name:	FORT DES MOINES
City:	DES MOINES
State:	IA
EPA Region:	7

FORT DES MOINES (Continued) **1007211493**

County: POLK
Congressional District: 03
US Army District: Omaha District (NWO)
Fiscal Year: 2008
Telephone: 402-221-3917
NPL Status: Not Listed
RAB: Not reported
CTC: 11.4
Current Owner: CITY; COUNTY; PRIVATE

FUDS Description Details:

Fort Des Moines is located 4 miles south of the central business district of Des Moines, in Polk County, Iowa. Part of the property is owned by the City of Des Moines, Iowa, and is being used as a City Zoo. Part of the property is being used by the A
Army Reserves for training purposes. This property is suspected to contain military munitions or explosives of concern (e.g. unexploded ordnance) and therefore may present an explosive hazard.

FUDS History Details:

The original Fort Des Moines consisted of 640 acres. In 1917, an officer candidate school for African Americans was established. The fort was converted to a hospital in 1918. The first Women's Army Auxiliary Corps was established in 1942, and 170 new
w buildings were constructed. Between 1956 and 1983, various disposal actions occurred. The remaining area became known as U.S. Army Reserve Center Fort Des Moines.

FUDS Current Program Details:

FUDS Future Program Details:

F19 **GREENFIELD SERVICE CENTER** **UST** **U003126375**
ESE **2351 EAST CO LINE ROAD** **HIST UST** **N/A**
1/2-1 **DES MOINES, IA 50320**
0.654 mi.
3453 ft. **Site 1 of 2 in cluster F**

Relative: Higher

UST:
Registration: 198811608

Actual: 892 ft.

UST:
Registration: 198811608
Status Description: Regulated tanks - active
Type Description: Private/Corporate

Tank Id: 32958
Install Date: 4/1/1988
Status Description: Regulated tank - active
Capacity: 4000
Content Description: Diesel

Registration: 198811608
Tank Id: 32957
Install Date: 4/1/1988
Status Description: Regulated tank - active
Capacity: 4000

GREENFIELD SERVICE CENTER (Continued) **U003126375**

Content Description: Gasoline

HIST UST:

Tank Number:	001
Tank Status:	**Regulated tank - active**
Tank Type:	Commercial
Tank Capacity:	4000
Currently In Use:	Yes
Tank Material and Construction:	Double Wall FRP
Tank Material and Construction Other:	OWENS CORNING
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported
Site Install Date:	4/1/88 0:00:00
Date Removed:	Not reported
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Yes
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Yes
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Yes
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	VEEDER ROOT TLS 350+
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Not reported
PCP Fiberglass Reinforced Plastic:	Yes

GREENFIELD SERVICE CENTER (Continued) **U003126375**

PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Yes
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Yes
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Yes
Catchment Basin Size:	5
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Yes
Automatic Shutoff Device:	Yes
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Yes
Manufacturer Checklist Completed:	Yes
Tanks/Pipes Tested for leaks during/after Install:	Yes
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

Tank Number:	002
Tank Status:	**Regulated tank - active**
Tank Type:	Commercial
Tank Capacity:	4000
Currently In Use:	Yes
Tank Material and Construction:	Double Wall FRP
Tank Material and Construction Other:	OWENS CORNING
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported
Site Install Date:	4/1/88 0:00:00
Date Removed:	Not reported
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0

GREENFIELD SERVICE CENTER (Continued) **U003126375**

Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Yes
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Yes
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Yes
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	VEEDER ROOT TLS 350+
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Not reported
PCP Fiberglass Reinforced Plastic:	Yes
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Yes
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Yes
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Yes
Catchment Basin Size:	5
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported

GREENFIELD SERVICE CENTER (Continued) **U003126375**

Overfill Protection:	Yes
Automatic Shutoff Device:	Yes
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Yes
Manufacturer Checklist Completed:	Yes
Tanks/Pipes Tested for leaks during/after Install:	Yes
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

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20 NNW 1/2-1 0.657 mi. 3467 ft.

FT DES MOINES BLDG 46
46 DICKMAN RD
DES MOINES, IA 50315

RCRA-NonGen **1004691281**
FINDS **IAP000001627**

Relative: Higher

Actual: 950 ft.

RCRA-NonGen:

Date form received by agency:	03/19/2001
Facility name:	FT DES MOINES BLDG 46
Facility address:	46 DICKMAN RD DES MOINES, IA 50315
EPA ID:	IAP000001627
Mailing address:	DICKMAN RD DES MOINES, IA 50315
Contact:	ERIC MEIDENBAUER
Contact address:	6511 CHAFEE RD BLDG 50 DES MOINES, IA 503156308
Contact country:	US
Contact telephone:	(515) 285-4113
Contact email:	Not reported
EPA Region:	07
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	89 ARMY RESERVE
Owner/operator address:	3130 GEORGE WASHINGTON BLVD WICHITA, KS 67210
Owner/operator country:	Not reported
Owner/operator telephone:	(316) 681-1759
Legal status:	Federal
Owner/Operator Type:	Owner
Owner/Op start date:	01/01/0001
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	Unknown
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No

FT DES MOINES BLDG 46 (Continued) **1004691281**

Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Verified to be non-commercial

Historical Generators:
Date form received by agency: 02/27/2001
Facility name: FT DES MOINES BLDG 46
Classification: Large Quantity Generator

Hazardous Waste Summary:
Waste code: D008
Waste name: LEAD

Waste code: D008
Waste name: LEAD

Violation Status: No violations found

FINDS:

Registry ID: 110005772636

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

G21 **PHILLIPS 66** **HIST LUST** **U003169215**
North **446 E ARMY POST RD** **HIST UST** **N/A**
1/2-1 **DES MOINES, IA 50315**
0.658 mi.
3475 ft. **Site 1 of 2 in cluster G**

Relative:
Higher

Actual:
940 ft.

HIST LUST:
Facility ID: 198602845
Leak Number: 8LTF87
Leak Entry Date: 11/19/90
Spill Number: Not reported
Occur Date: Not reported
Occur Time: Not reported
Discover Date: Not reported
Discover Time: Not reported
Facility Addr 2: Not reported
Facility Phone: 5152871351
Facility Fax1: Not reported
Facility Fax2: Not reported
Owner Name: AG FOOD & GAS MART II INC
Owner Type: Private/Corporate
Owner Addr: 102 SE 7TH ST

PHILLIPS 66 (Continued) **U003169215**

Owner City,St,Zip:	BONDURANT, IA 50035-
Owner Phone:	5152029529
Owner Fax:	Not reported
Lead:	Responsible Party
Coordinator:	ERD
Staff Initials:	RAH
Leak Contact:	TRISTAN GROVER
Leak Address:	EL PASO CORP
Leak Address 2:	2670 106TH ST, STE 180
Leak City,St,Zip:	URBANDALE, IA 50322
Leak Phone:	5152845500
Record Name:	ROGGE
Record Date:	11/6/1990 0:00
Record Location:	Lust
Reporter Name:	LESA GRIFFEN
Reporter Business:	COASTAL MART INC
Reporter Date:	10/24/90
Reporter Addr:	9 GREENWAY PLAZA
Rprtr City,St,Zip:	HOUSTON, TX 770460000
Reporter Phone:	7138771400
Responsible Party:	David Zuvanich
RP Company:	EL PASO CORP
RP Address:	1001 Louisiana St
RP Address 2:	PO Box 2511
RP City,St,Zip:	Houston, TX 77002
RP Phone:	7134203414
RP Ext:	106
RP Fax:	7134458170
ER Date:	Not reported
Delete:	No
Ground Water Professional ID:	1538
Ground Water Professional Due Date:	/ /
Ground Water Professional Received Date:	05/10/99
Corrective Action Design Report Id:	1653
Corrective Action Design Due Date:	Not reported
Corrective Action Design Record Date:	09/14/04

IA Hist Lust Status:

ID:	1485
Site Leak Number:	8LTF87
Discovered During:	Other
Tanks Removed:	00
Leak Cause:	Not reported
Gas:	Yes
Diesel:	Not reported
Oil:	Not reported
Kerosene:	Not reported
Released Fuel Oil:	Not reported
Released Hydraulic Oil:	Not reported
Released Other Petroleum:	Not reported
Released Unknown:	Not reported
Released Non_Petroleum Chemical:	Not reported
Gallons Released:	UNK000000000
Leak Status:	Unknown
Loc Soil:	Not reported
Loc Ground Water:	Not reported
Loc Surface Water:	Not reported
Loc Water Supply:	Not reported

PHILLIPS 66 (Continued) **U003169215**

Res Public Water Supply:	Not reported
Resources Water Well:	Not reported
Res Actual Drinking WW:	Not reported
Res Non-Drink WW:	Not reported
respotprtg:	Not reported
ressoil:	Not reported
Res Ground Water:	Not reported
Res Surface Water:	Not reported
Res Toxic Vapor:	Not reported
Res Explosive Vapor:	Not reported
Res Other:	Not reported
Res Impacted Soil:	Not reported
Res Impacted Ground Water:	Not reported
Res Impacted Water Well:	Not reported
Res Impacted Pub Water Supply:	Not reported
Res Impacted Surface Water:	Not reported
Res Impacted Toxic Vapor:	Not reported
Res Impacted Explosive Vapor:	Not reported
Res Impacted Other:	Not reported
Res Impacted Drinking WW:	Not reported
Res Impacted Non-Drink WW:	Not reported
Res Impacted Potential Non Drink WW:	Not reported
Officials Onsite Health:	Not reported
Officials Onsite Fire:	Not reported
Officials Onsite Law:	Not reported
Officials Onsite Civil:	Not reported
Officials Onsite None:	Yes
Officials Onsite Unknown:	Not reported
Officials Onsite Other:	Not reported
AST:	Not reported
UST/LUST Other:	Not reported
Delete:	No

IA Hist Lust Cause:

Release Cause:	Not reported

IA Hist Lust HICA:

Leak Number:	8LTF87
Registration Number:	198602845
Date CorrectiveActionDesign Report(CADR) Rec:	10/14/2004 0:00
Date CADR Due:	10/14/2004 0:00
Date CADR Approved:	10/14/2004 0:00
Date CADR Rejected:	Not reported
Date CADR Remediation Started:	Not reported
Date CADR Remediation Completed:	Not reported
Staff CADR Reviewed By:	ERD

Leak Number:	8LTF87
Registration Number:	198602845
Date CorrectiveActionDesign Report(CADR) Rec:	Not reported
Date CADR Due:	5/3/2005 0:00
Date CADR Approved:	Not reported
Date CADR Rejected:	Not reported
Date CADR Remediation Started:	Not reported
Date CADR Remediation Completed:	Not reported
Staff CADR Reviewed By:	Not reported

PHILLIPS 66 (Continued) **U003169215**

IA Hist Lust Groundwater:

Groundwater Prof. Applicant Id Num.:	1538
Groundwater Pro. App. Last Name:	RENVILLE
Groundwater Pro. App. First Name:	TODD L.
Groundwater Pro. Firm:	ENECOTECH MIDWEST INC
Groundwater Pro. Address:	2915 WATERS ROAD, SUITE #110
Groundwater Pro. Address 2:	Not reported
Groundwater Pro. City:	EAGAN
Groundwater Pro. State:	MN
Groundwater Pro. Zip Code:	55121
Groundwater Pro. Tele:	6514051033
Groundwater Pro. Fax:	Not reported
Groundwater Pro. Email:	trenville@enecotech.com
Groundwater Pro. Exp. Of Gwp Cert.:	12/31/2003 0:00
Is The Gwp Certified?:	No
Is Gwp Cert. For Cadr?:	No

IA Hist Lust Misc:

Misc Due Date:	Not reported	Misc Rec Date:	5/22/03 0:00:00
Misc Other:	Not reported	Misc Title:	MTBE WORKSHEET & DISK
Misc Due Date:	Not reported	Misc Rec Date:	2/1/00 0:00:00
Misc Other:	Not reported	Misc Title:	MTBE WORKSHEET & DISK
Misc Due Date:	4/26/05 0:00:00	Misc Rec Date:	Not reported
Misc Other:	Not reported	Misc Title:	Contingency plan
Misc Due Date:	Not reported	Misc Rec Date:	7/5/06 0:00:00
Misc Other:	Not reported	Misc Title:	REC'D MTBE PER E-MAIL
Misc Due Date:	Not reported	Misc Rec Date:	5/15/00 0:00:00
Misc Other:	Not reported	Misc Title:	MTBE WORKSHEET & DISK
Misc Due Date:	Not reported	Misc Rec Date:	2/15/01 0:00:00
Misc Other:	Not reported	Misc Title:	MTBE WORKSHEET & DISK
Misc Due Date:	Not reported	Misc Rec Date:	4/23/01 0:00:00
Misc Other:	Not reported	Misc Title:	MTBE WORKSHEET
Misc Due Date:	Not reported	Misc Rec Date:	7/24/01 0:00:00
Misc Other:	Not reported	Misc Title:	MTBE WORKSHEET & DISK
Misc Due Date:	9/30/04 0:00:00	Misc Rec Date:	10/12/04 0:00:00
Misc Other:	Not reported	Misc Title:	T2 worksheet

IA Hist Lust Site Monitoring Report:

Site Monitoring Report Due Date:	1/30/99 0:00:00
Site Monitoring Report Rec Date:	3/1/99 0:00:00
Site Monitoring Report Reg Date:	Not reported
Site Monitoring Report Rejected Date:	Not reported
Site Monitoring Report Type:	R
Reclassification Request Type:	Not reported
Site Monitoring Report Revd By:	Not reported
GW professional ID:	Not reported
Site Monitoring Report Due Date:	7/30/99 0:00:00

PHILLIPS 66 (Continued) **U003169215**

Site Monitoring Report Rec Date:	5/10/99 0:00:00
Site Monitoring Report Reg Date:	Not reported
Site Monitoring Report Rejected Date:	Not reported
Site Monitoring Report Type:	R
Reclassification Request Type:	Not reported
Site Monitoring Report Revd By:	Not reported
GW professional ID:	Not reported
Site Monitoring Report Due Date:	10/30/99 0:00:00
Site Monitoring Report Rec Date:	11/5/99 0:00:00
Site Monitoring Report Reg Date:	Not reported
Site Monitoring Report Rejected Date:	Not reported
Site Monitoring Report Type:	R
Reclassification Request Type:	Not reported
Site Monitoring Report Revd By:	Not reported
GW professional ID:	Not reported
Site Monitoring Report Due Date:	1/30/00 0:00:00
Site Monitoring Report Rec Date:	2/1/00 0:00:00
Site Monitoring Report Reg Date:	Not reported
Site Monitoring Report Rejected Date:	Not reported
Site Monitoring Report Type:	R
Reclassification Request Type:	Not reported
Site Monitoring Report Revd By:	Not reported
GW professional ID:	Not reported
Site Monitoring Report Due Date:	4/30/00 0:00:00
Site Monitoring Report Rec Date:	5/15/00 0:00:00
Site Monitoring Report Reg Date:	Not reported
Site Monitoring Report Rejected Date:	Not reported
Site Monitoring Report Type:	R
Reclassification Request Type:	Not reported
Site Monitoring Report Revd By:	Not reported
GW professional ID:	Not reported
Site Monitoring Report Due Date:	10/30/00 0:00:00
Site Monitoring Report Rec Date:	11/15/00 0:00:00
Site Monitoring Report Reg Date:	Not reported
Site Monitoring Report Rejected Date:	Not reported
Site Monitoring Report Type:	R
Reclassification Request Type:	Not reported
Site Monitoring Report Revd By:	Not reported
GW professional ID:	Not reported
Site Monitoring Report Due Date:	4/30/01 0:00:00
Site Monitoring Report Rec Date:	4/23/01 0:00:00
Site Monitoring Report Reg Date:	Not reported
Site Monitoring Report Rejected Date:	Not reported
Site Monitoring Report Type:	R
Reclassification Request Type:	Not reported
Site Monitoring Report Revd By:	Not reported
GW professional ID:	Not reported
Site Monitoring Report Due Date:	7/30/01 0:00:00
Site Monitoring Report Rec Date:	7/24/01 0:00:00
Site Monitoring Report Reg Date:	Not reported
Site Monitoring Report Rejected Date:	Not reported

PHILLIPS 66 (Continued) **U003169215**

Site Monitoring Report Type: R
Reclassification Request Type: Not reported
Site Monitoring Report Revd By: Not reported
GW professional ID: Not reported

Site Monitoring Report Due Date: 10/30/01 0:00:00
Site Monitoring Report Rec Date: 11/1/01 0:00:00
Site Monitoring Report Reg Date: Not reported
Site Monitoring Report Rejected Date: Not reported
Site Monitoring Report Type: R
Reclassification Request Type: Not reported
Site Monitoring Report Revd By: Not reported
GW professional ID: Not reported

Site Monitoring Report Due Date: 7/30/00 0:00:00
Site Monitoring Report Rec Date: 8/18/00 0:00:00
Site Monitoring Report Reg Date: Not reported
Site Monitoring Report Rejected Date: Not reported
Site Monitoring Report Type: R
Reclassification Request Type: Not reported
Site Monitoring Report Revd By: Not reported
GW professional ID: Not reported

Site Monitoring Report Due Date: 1/30/01 0:00:00
Site Monitoring Report Rec Date: 2/15/01 0:00:00
Site Monitoring Report Reg Date: Not reported
Site Monitoring Report Rejected Date: Not reported
Site Monitoring Report Type: R
Reclassification Request Type: Not reported
Site Monitoring Report Revd By: Not reported
GW professional ID: Not reported

Site Monitoring Report Due Date: 1/30/02 0:00:00
Site Monitoring Report Rec Date: 1/29/02 0:00:00
Site Monitoring Report Reg Date: Not reported
Site Monitoring Report Rejected Date: Not reported
Site Monitoring Report Type: R
Reclassification Request Type: Not reported
Site Monitoring Report Revd By: Not reported
GW professional ID: Not reported

Site Monitoring Report Due Date: 3/15/05 0:00:00
Site Monitoring Report Rec Date: Not reported
Site Monitoring Report Reg Date: Not reported
Site Monitoring Report Rejected Date: Not reported
Site Monitoring Report Type: C
Reclassification Request Type: Not reported
Site Monitoring Report Revd By: Not reported
GW professional ID: Not reported

IA Hist Lust Remediation:
Heat Treatment: No
Land Application: No
On Site: No
Achieved Over-Excavation: No
Soil Venting Passive: No
Soil Venting Active: No

PHILLIPS 66 (Continued) **U003169215**

Bioremediation Passive:	No
Bioremediation Active:	No
In Situ GW Treatment - Air Sparging:	No
Ground Water:	No
Fresh Water:	No
IGT - pH Adjustment:	No
Nutrient:	No
Oxygen:	No
Biological:	No
Permit Date:	Not reported
Other:	No
Surface Treatment - Carbon Absorption:	No
Biological:	No
ST Other:	No
TDT Sanitary Sewer:	Yes
TDT Storm Sewer:	No
Stream:	No
TDT Other:	No
Reduced Risk Plugged Well:	No
RR Replace:	No
RR Relocate:	No
RR Other:	No
Delete:	No

IA Hist Lust Free Product Recovery:

FPR Report Assesment Due:	Not reported
FPR Report Received:	Not reported
FPR Report Accepted:	Not reported
FPR Report Rejected:	Not reported
FPR Report Revised:	Not reported

IA Hist Lust Corrective Action Design Report:

Corrective Action Design Record Date:	Not reported
Corrective Action Design Received:	Not reported
Corrective Action Design Accepted:	Not reported
Corrective Action Design Rejected:	Not reported
Revised Report Received:	Not reported

IA Hist Lust Tier 1 Report:

T1 Assesment Due:	Not reported
T1 Received:	Not reported
Tier 1 Consultant Recommends:	Not reported
T1 Accepted:	Not reported
T1 Rejected:	Not reported
T1 Revised:	Not reported
T1 Reviewed:	Not reported

IA Hist Lust Tier 2 Report:

T2 Assesment Due:	Not reported
T2 Received:	7/3/06 0:00:00
T2 Accepted:	8/24/06 0:00:00
T2 Rejected:	Not reported
T2 Reviewed:	RAH

T2 Assesment Due:	Not reported

PHILLIPS 66 (Continued) **U003169215**

T2 Received:	5/22/03 0:00:00
T2 Accepted:	Not reported
T2 Rejected:	1/28/04 0:00:00
T2 Reviewed:	ERD
T2 Assesment Due:	5/31/04 0:00:00
T2 Received:	7/1/04 0:00:00
T2 Accepted:	8/30/04 0:00:00
T2 Rejected:	Not reported
T2 Reviewed:	ERD

IA Hist Lust Tier 3 Report:

T3 Assesment Due:	Not reported
T3 Received:	Not reported
T3 Accepted:	Not reported
T3 Rejected:	Not reported

IA Hist Lust Administration:

ID:	1485
Owner Identified:	No
Responsible Party Found:	No
RP Date:	Not reported
Owner Broke:	No
ER Date:	Not reported
Cost Recovery Start Dt:	Not reported
CR Notice of Intent Dt:	Not reported
CR Appeal of NOI Dt:	Not reported
CR Final Decision Dt:	Not reported
CR EP Comm Lien Approval Dt:	Not reported
CR Lien:	Not reported
CR Ten Yr Renewal Dt:	Not reported
CR Lien Named:	No
crtyrdate:	Not reported
CR Remediation:	Not reported
Delete:	No
CR Amnt Received:	Not reported
CR End Date:	Not reported

IA Hist Lust 28E:

Counter:	Not reported
Staff Initials:	Not reported
Type:	Not reported
County:	Not reported
Part Of State:	Not reported
Priority Number:	Not reported
Reason:	Not reported
Responsible Party:	Not reported
rfpno:	Not reported
Removed:	Not reported
Date Removed:	Not reported
Field Office:	Not reported
Newlist:	Not reported
State Lead:	Not reported
Access Letter Mailed:	Not reported
Owner Signed Access:	Not reported
Signed Access to Contractor:	Not reported

PHILLIPS 66 (Continued) **U003169215**

Contractor Signed Access: Not reported
Final Access Mailed: Not reported
nfr: Not reported
Start Date: Not reported

IA Hist Lust AO:
Seq Number: Not reported
Distribution: Not reported
UST/LUST Other: Not reported
Order Type: Not reported
Legal Ref Start: Not reported
Division ADM Date: Not reported
CE Bureau Date: Not reported
AO Issue Date: Not reported
AO Number: Not reported
Name Of Parties: Not reported
Penalty Due Date: Not reported
Penalty Amount: Not reported
Penalty Paid Date: Not reported
Penalty Amount Paid: Not reported
AO Appeal Date: Not reported
ALJ Decision Date: Not reported
EPC Decision Date: Not reported
Attorney Gen Ref Date: Not reported
Final Court Decision: Not reported
Case Number: Not reported
County: Not reported
Action Required: Not reported
Compliance Due: Not reported
In Compliance Date: Not reported
Removed: Not reported
Staff Initials: Not reported

IA Hist Lust ATP:
Seq Number: Not reported
Last Name: Not reported
Priority Rank: Not reported
Type: Not reported
Reason: Not reported
ATP Due: Not reported
ATP Letter: Not reported
Financial Documents Recvd: Not reported
Able/Unable To Pay: Not reported
Final Letter: Not reported
Project Complete: Not reported
RP Able to Pay: Not reported
Project Removed: Not reported
Staff Initials: Not reported
Comment: Not reported

IA Hist Lust Contract:
Seq Number: Not reported
Tank City: Not reported
Staff Initials: Not reported
Score: Not reported
Scope Completed: Not reported

PHILLIPS 66 (Continued) **U003169215**

Advertise:	Not reported
Receive Bids:	Not reported
Commission Approval:	Not reported
Contract Approved:	Not reported
Original Contract Amt:	Not reported
Change Orders:	Not reported
Paid to Date:	Not reported
SCR/CADR Received:	Not reported
SCR/CADR Approved:	Not reported
Contract:	Not reported

IA Hist Lust Bedrock Well:

ID:	Not reported
Category:	Not reported
Sample Water Supply:	Not reported
GIS Survey:	Not reported

IA Hist Lust Inst Control:

Inst Control Begin:	Not reported
Inst Control Type:	Not reported

IA Hist Lust Track:

ID:	1485
Site Assesment Start Date:	10/24/90 0:00:00
Free Product Recvry End Date:	Not reported
FP Letter Sent Date:	Not reported
FP Report Frequency:	Not reported
Assesment Report Due:	Not reported
Assesment Report Received:	Not reported
Assesment Report Approved:	Not reported
Achieved Over-Excavation:	Not reported
Release Not Verified Date:	Not reported
Ref to Contaminated Site Section:	Not reported
Cleanup Start Date:	12/22/94 0:00:00
Cleanup Complete Date:	8/24/06 0:00:00
Cleanup Report Due Date:	4/1/94 0:00:00
Cleanup Report Received Date:	7/19/94 0:00:00
Cleanup Report Approved Date:	12/22/94 0:00:00
Check Report Due Date:	Not reported
Check Report Received Date:	Not reported
Check Report Rejected Date:	Not reported
Check Report Approved Date:	Not reported
Date Classified:	8/24/06 0:00:00
Risk Classification -NFA:	Yes
Class - Low Risk:	No
Class - High Risk:	No
Lust Current:	No Action Required
Tier 1 Consultant Recommends:	Not reported
T1 Actual GW Ingestion:	No
T1 Poten GW Ingestion from Protected GW:	No
T1 Poten GW Ingestion from Protected GW:	No
T1 GW Vapor to Enclosed Space:	No
T1 GW to Plastic Water Line:	No
T1 Surface Water:	No
T1 Soil Leaching to GW:	No
T1 Soil Vapor to Enclosed Space:	No

PHILLIPS 66 (Continued) **U003169215**

T1 Soil to Plastic Line:	No
Tier 2 Consultant Recommends:	NFA
T2 Actual GW Ingestion:	NFA
T2 Poten GW Ingestion from Protected GW:	NFA
T2 Poten GW Ingestion from Protected GW:	NFA
T2 GW Vapor to Enclosed Space:	NFA
T2 GW to Plastic Water Line:	NFA
T2 SW General Use:	NFA
T2 SW Designated Use:	NFA
T2 Soil Leaching to GW:	NFA
T2 Soil Vapor to Enclosed Space:	NFA
T2 Soil to Plastic Line:	NFA
Institutional Control Obtained:	No
NFA Certificate Sent:	12/14/06 0:00:00
No Action Required:	**No**
Priority Ranking:	5
Delete:	No

HIST UST:

Tank Number:	001
Tank Status:	**Regulated tanks - r/f**
Tank Type:	Commercial
Tank Capacity:	10000
Currently In Use:	No
Tank Material and Construction:	Steel
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Yes
Temp Closed Date:	Not reported
Site Install Date:	12/1/80 0:00:00
Date Removed:	1/4/07 0:00:00
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Yes
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Yes
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Yes
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported

PHILLIPS 66 (Continued) **U003169215**

Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Yes
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Yes
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Yes
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Yes
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Yes
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Yes
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Yes
Catchment Basin Size:	5
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Yes
Automatic Shutoff Device:	Yes
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

Tank Number:	002
Tank Status:	**Regulated tanks - r/f**
Tank Type:	Commercial
Tank Capacity:	10000

PHILLIPS 66 (Continued) **U003169215**

Currently In Use:	No
Tank Material and Construction:	Steel
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Yes
Temp Closed Date:	Not reported
Site Install Date:	12/1/80 0:00:00
Date Removed:	1/4/07 0:00:00
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Yes
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Yes
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Yes
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Yes
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Yes
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Yes
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Yes
TOP Suction Piping:	Not reported

PHILLIPS 66 (Continued) **U003169215**

TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Yes
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Yes
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Yes
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Yes
Catchment Basin Size:	5
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Yes
Automatic Shutoff Device:	Yes
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

Tank Number:	003
Tank Status:	**Regulated tanks - r/f**
Tank Type:	Commercial
Tank Capacity:	10000
Currently In Use:	No
Tank Material and Construction:	Steel
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Yes
Temp Closed Date:	Not reported
Site Install Date:	12/1/80 0:00:00
Date Removed:	1/4/07 0:00:00
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Yes
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported

PHILLIPS 66 (Continued) **U003169215**

TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Yes
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Yes
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Yes
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Yes
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Yes
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Yes
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Yes
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Yes
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Yes
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Yes
Catchment Basin Size:	5
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Yes
Automatic Shutoff Device:	Yes
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported

PHILLIPS 66 (Continued) **U003169215**

Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported
Tank Number:	004
Tank Status:	**Regulated tanks - r/f**
Tank Type:	Commercial
Tank Capacity:	4000
Currently In Use:	No
Tank Material and Construction:	Steel
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Yes
Temp Closed Date:	Not reported
Site Install Date:	12/1/80 0:00:00
Date Removed:	1/4/07 0:00:00
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Yes
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Yes
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Yes
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Yes
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported

PHILLIPS 66 (Continued) **U003169215**

PCP Galvanized Steel:	Yes
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Yes
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Yes
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Yes
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Yes
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Yes
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Yes
Catchment Basin Size:	5
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Yes
Automatic Shutoff Device:	Yes
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

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G22 **PHILLIPS 66** **FINDS 1011283081**
North **446 E ARMY POST ROAD** **LUST N/A**
1/2-1 **DES MOINES, IA 50315** **UST**
0.658 mi.
3475 ft. **Site 2 of 2 in cluster G**

Relative:
Higher

Actual:
940 ft.

FINDS:

Registry ID: 110036162746

Environmental Interest/Information System
IDNR-EFD (Iowa Department Of Natural Resources - Emission Factor Documentation) provides information about existing emission factors

LUST:

Registration:	198602845
Leak Number:	8LTF87
Date Reported:	10/24/1990

PHILLIPS 66 (Continued) **1011283081**

Date Cleanup Started: 12/22/1994
Date Cleanup Completed: 8/24/2006
Record Description: No Action Required
Product Description: Gasoline

UST:
Registration: 198602845

UST:
Registration: 198602845
Status Description: Regulated tanks - temp closed
Type Description: Private/Corporate

Tank Id: 7792
Install Date: 12/1/1980
Status Description: Regulated tanks - temp closed
Capacity: 4000
Content Description: Diesel

Registration: 198602845
Tank Id: 7789
Install Date: 12/1/1980
Status Description: Regulated tanks - r/f
Capacity: 10000
Content Description: Gasoline

Registration: 198602845
Tank Id: 7792
Install Date: 12/1/1980
Status Description: Regulated tanks - r/f
Capacity: 4000
Content Description: Diesel

Registration: 198602845
Tank Id: 7791
Install Date: 12/1/1980
Status Description: Regulated tanks - temp closed
Capacity: 10000
Content Description: Gasoline

Registration: 198602845
Tank Id: 7789
Install Date: 12/1/1980
Status Description: Regulated tanks - temp closed
Capacity: 10000
Content Description: Gasoline

Registration: 198602845
Tank Id: 7791
Install Date: 12/1/1980
Status Description: Regulated tanks - r/f
Capacity: 10000
Content Description: Gasoline

Registration: 198602845
Tank Id: 7790
Install Date: 12/1/1980

PHILLIPS 66 (Continued) **1011283081**

Status Description:	Regulated tanks - r/f
Capacity:	10000
Content Description:	Gasoline
Registration:	198602845
Tank Id:	7790
Install Date:	12/1/1980
Status Description:	Regulated tanks - temp closed
Capacity:	10000
Content Description:	Gasoline

E23 **US ARMY RESERVE MOTOR POOL** **SPILLS** **S110366148**
NNW **6511 CHAFFEE RD** **N/A**
1/2-1 **DES MOINES, IA 50315**
0.659 mi.
3482 ft. **Site 2 of 3 in cluster E**

Relative:
Higher

Actual:
952 ft.

SPILL:

Facility ID:	112409-AHB-1551
Reported Date:	11/24/2009 15:51
Reported Time:	Not reported
Taken By:	Not reported
Spill Date:	Not reported
Spill Time:	Not reported
6 hr Letter:	Not reported
Continuous Release:	Not reported
Incident Location:	Not reported
Incident Mode:	Not reported
Incident Type:	Not reported
Incident Medium Land:	Not reported
Incident Medium Water:	Not reported
Incident Medium Air:	Not reported
Initial Instructions:	Not reported
Events:	Not reported

H24 **FORT DES MOINES (EX)** **CERCLIS** **1000188538**
NNW **225 E ARMY POST RD** **IA4211890021**
1/2-1 **DES MOINES, IA 50315**
0.667 mi.
3524 ft. **Site 1 of 7 in cluster H**

Relative:
Higher

Actual:
949 ft.

CERCLIS:

Site ID:	0700406
Federal Facility:	Federal Facility
NPL Status:	Not on the NPL
Non NPL Status:	Assessment Complete - Decision Needed

CERCLIS Site Contact Name(s):

Contact Name:	DEBBIE KRING
Contact Tel:	(913) 551-7725
Contact Title:	Community Involvement Coordinator
Contact Name:	DIANA BAILEY
Contact Tel:	(913) 551-7717
Contact Title:	Remedial Project Manager (RPM)

FORT DES MOINES (EX) (Continued) **1000188538**

CERCLIS Site Alias Name(s):

Alias Name:	FORT DES MOINES US ARMY ARSA (FINDS)
Alias Address:	Not reported
	IA
Alias Name:	FT DES MOINES (INACTIVE)
Alias Address:	225 E ARMY POST RD
	DES MOINES, IA 50315
Alias Name:	FORT DES MOINES (INACTIVE)
Alias Address:	225 E ARMY POST RD
	DES MOINES, IA 50315
Alias Name:	FORT DES MOINES (INACTIVE)
Alias Address:	225 E ARMY POST RD
	DES MOINES, IA 63621

Site Description: Part FUDS - #B7IA0729 -- Within the former fort boundary are two other defense facilities-the Des Moines Air Reserve Center and U.S. Army Reserve Center Fort Des Moines. The fort was first constructed upon pasture land and was an official Calvary Post until the beginning of WWII. SIte was originally acquired by the goverment between 1900 and 1908 by donation and purchase from six owners. It was officially designated as a Calvalry Post in 1900 and announced as a military reservation by General Order in 1901. In 1917, an Officer Candidate School for Negroes was established. During this time the post was also converted to an Army General Hospital for convalescing soldiers that sustained injuries fighting in WWI. Chemical warfare training was conducted at Fort Des Moines during the 1920's and 1930's. These five-to-six day training schools were offered annually by Chemical Officers of the CWS. The training sessions of lectures on the defense against chemical warfare, the use of lachrymatory (tear gas) munitions in riot duty, gas mask drills, demonstration showing the method of projecting chemical agents, and passing through chlorine and chloracetophenone (agent CN). In 1940, the fort converted into a reception center for Iowa draftees. In 1942, Fort Des Moines became the first training center for the Women's Army Auxiliary Corps, later to be known as the Women's Army Corp. During its history, Fort Des Moines has served as U.S. Army, Air Force, Navy, and Marine Corps Reserve Training Centers. After the closure of the installation real estate transactions enabled the Dept. of Health, Education, and Welfare to establish the College of Osteopathic Medicine and Surgery. Other uses include housing develepment established on the post still serves a residential purpose; Des Moines Independent School District, CIty of Des Moines recreational park, and Polk county operates and maintains the Fort Des Moines County Park. The fort continued as an active installation through the WWII period, ending in about 1947 and in 1950, it was reported excess. Currently, the reserve center is under control of the federal government, the City of Des Moines police academy, the A.H. Blank City Park (includes a golf and zoo), the Polk County Conservency Board's Fort Des Moines Park, Des Moines Independent Commuinity School District schools, public housing and new residential and various construction zones for current development.

CERCLIS Assessment History:

Action:	DISCOVERY
Date Started:	Not reported
Date Completed:	11/01/84
Priority Level:	Not reported
Action:	PRELIMINARY ASSESSMENT
Date Started:	03/18/85
Date Completed:	12/10/85
Priority Level:	Low priority for further assessment

FORT DES MOINES (EX) (Continued) **1000188538**

Action: PRELIMINARY ASSESSMENT
Date Started: 10/10/89
Date Completed: 01/29/90
Priority Level: Low priority for further assessment

Action: REMEDIAL INVESTIGATION/FEASIBILITY STUDY WORKPLAN APPROVAL BY HQ
Date Started: 02/01/90
Date Completed: 05/07/90
Priority Level: Not reported

H25 **FORT DES MOINES** **FTTS** **1010004192**
NNW **225 E ARMY POST RD** **N/A**
1/2-1 **DES MOINES, IA 50315**
0.667 mi.
3524 ft. **Site 2 of 7 in cluster H**

Relative: Higher

Actual: 949 ft.

FTTS INSP:
Inspection Number: 19891114IA007 1
Region: 07
Inspection Date: 11/14/89
Inspector: LEGGETT
Violation occurred: Yes
Investigation Type: Section 6 PCB State Conducted
Investigation Reason: Neutral Scheme, Region
Legislation Code: TSCA
Facility Function: User

H26 **U S ARMY RESERVE CENTER** **RCRA-SQG** **1000155771**
NNW **225 E ARMY POST RD** **PADS** **IA1214020264**
1/2-1 **DES MOINES, IA 50315** **FINDS**
0.667 mi. **LUST**
3524 ft. **Site 3 of 7 in cluster H** **HIST LUST**
UST
Relative: Higher **HIST UST**

Actual: 949 ft.

RCRA-SQG:
Date form received by agency: 08/06/1998
Facility name: U S ARMY RESERVE CENTER
Facility address: 225 E ARMY POST RD
DES MOINES, IA 503155899
EPA ID: IA1214020264
Mailing address: E ARMY POST RD
DES MOINES, IA 503155899
Contact: WAYNE FRANZ
Contact address: 225 E ARMY POST RD
DES MOINES, IA 503155899
Contact country: US
Contact telephone: (515) 284-6135
Contact email: Not reported
EPA Region: 07
Land type: Federal
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of

U S ARMY RESERVE CENTER (Continued) **1000155771**

hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	89TH REGIONAL SUPPORT COMMAND
Owner/operator address:	3130 GEORGE WASHINGTON BLVD
	WICHITA, KS 67210
Owner/operator country:	Not reported
Owner/operator telephone:	(800) 892-7266
Legal status:	Federal
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	NAME UNKNOWN
Owner/operator address:	Not reported
	Not reported
Owner/operator country:	Not reported
Owner/operator telephone:	Not reported
Legal status:	Federal
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	Unknown
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No
Off-site waste receiver:	Verified to be non-commercial

Historical Generators:

Date form received by agency:	02/17/1998
Facility name:	U S ARMY RESERVE CENTER
Classification:	Not a generator, verified

Date form received by agency:	02/05/1998
Facility name:	U S ARMY RESERVE CENTER
Classification:	Large Quantity Generator

Hazardous Waste Summary:

Waste code:	F003
Waste name:	THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL

U S ARMY RESERVE CENTER (Continued) **1000155771**

ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F005
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: U154
Waste name: METHANOL (I)

Waste code: U220
Waste name: BENZENE, METHYL-

Waste code: U239
Waste name: BENZENE, DIMETHYL- (I,T)

Waste code: D000
Waste name: Not Defined

Waste code: UOIL
Waste name: UOIL

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D002
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Waste code: D007
Waste name: CHROMIUM

Waste code: D008
Waste name: LEAD

U S ARMY RESERVE CENTER (Continued) **1000155771**

Waste code: D009
Waste name: MERCURY

Waste code: D035
Waste name: METHYL ETHYL KETONE

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 02/17/1998
Evaluation: COMPLIANCE ASSISTANCE VISIT
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

Evaluation date: 08/24/1994
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA Contractor/Grantee

PADS:
EPAID: IA1214020264
Facility name: FORT DES MOINES
Facility Address: RODGERS RD BLDG 117
DES MOINES, IA 50315
Facility country: US
Generator: Yes
Storer: No
Transporter: No
Disposer: No
Research facility: No
Smelter: No
Facility owner name: US DEPT OF ARMY
Contact title: Not reported
Contact name: BIANCHI GARY
Contact tel: (515)285-6767
Contact extension: Not reported
Mailing address: RODGERS RD BLDG 117
DES MOINES, IA 50315
Mailing country: US
Cert. title: Not reported
Cert. name: Not reported
Cert. date: 4/18/1990
Date received: 6/7/1990

FINDS:

Registry ID: 110000845596

Environmental Interest/Information System
NCDB (National Compliance Data Base) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA). The system tracks inspections in regions and states with cooperative agreements, enforcement actions, and settlements.

U S ARMY RESERVE CENTER (Continued) **1000155771**

US Base Realignment and Closure (BRAC) is a process used to close excess military installations and realign the total asset inventory in order to save money on operations and maintenance.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

CERCLIS (Comprehensive Environmental Response, Compensation, and Liability Information System) is the Superfund database that is used to support management in all phases of the Superfund program. The system contains information on all aspects of hazardous waste sites, including an inventory of sites, planned and actual site activities, and financial information.

IDNR-EFD (Iowa Department Of Natural Resources - Emission Factor Documentation) provides information about existing emission factors

LUST:

Registration:	198608308
Leak Number:	8LTV78
Date Reported:	2/19/1993
Date Cleanup Started:	4/5/1993
Date Cleanup Completed:	2/1/1994
Record Description:	No Action Required
Product Description:	Waste Oil

HIST LUST:

Facility ID:	198608308
Leak Number:	8LTV78
Leak Entry Date:	03/29/93
Spill Number:	Not reported
Occur Date:	Not reported
Occur Time:	Not reported
Discover Date:	Not reported
Discover Time:	Not reported
Facility Addr 2:	Not reported
Facility Phone:	Not reported
Facility Fax1:	Not reported
Facility Fax2:	Not reported
Owner Name:	COMMANDER, FORT MCCOY
Owner Type:	Federal
Owner Addr:	ATTN AFZR-DE-X
Owner City,St,Zip:	SPARTA, WI 546565000
Owner Phone:	6083882214
Owner Fax:	Not reported
Lead:	Responsible Party
Coordinator:	ERD
Staff Initials:	WDG
Leak Contact:	COL. SCOTT HYATT
Leak Address:	Not reported
Leak City,St,Zip:	0

U S ARMY RESERVE CENTER (Continued) **1000155771**

Leak Phone:	6083882214
Record Name:	GASTINEAU
Record Date:	3/25/1993 0:00
Record Location:	Lust
Reporter Name:	COL SCOTT HYATT
Reporter Business:	US ARMY
Reporter Date:	02/19/93
Reporter Addr:	FT MCCOY, AFZR-DE-E
Rprtr City,St,Zip:	SPARTA, WI 546460000
Reporter Phone:	6083882214
Responsible Party:	Not reported
RP Company:	Not reported
RP Address:	Not reported
RP City,St,Zip:	0
RP Phone:	0
RP Ext:	Not reported
RP Fax:	Not reported
ER Date:	Not reported
Delete:	No
Ground Water Professional ID:	0
Ground Water Professional Due Date:	05/05/93
Ground Water Professional Received Date:	05/05/93
Corrective Action Design Report Id:	0
Corrective Action Design Due Date:	Not reported
Corrective Action Design Record Date:	/ /

IA Hist Lust Status:

ID:	3843
Site Leak Number:	8LTV78
Discovered During:	Removal
Tanks Removed:	01
Leak Cause:	UNK
Gas:	Not reported
Diesel:	Not reported
Oil:	Yes
Kerosene:	Not reported
Released Fuel Oil:	Not reported
Released Hydraulic Oil:	Not reported
Released Other Petroleum:	Not reported
Released Unknown:	Not reported
Released Non_Petroleum Chemical:	Not reported
Gallons Released:	UNK000000000
Leak Status:	Stopped
Loc Soil:	Yes
Loc Ground Water:	Not reported
Loc Surface Water:	Not reported
Loc Water Supply:	Not reported
Res Public Water Supply:	Not reported
Resources Water Well:	Not reported
Res Actual Drinking WW:	Not reported
Res Non-Drink WW:	Not reported
respotprtg:	Not reported
ressoil:	Not reported
Res Ground Water:	Not reported
Res Surface Water:	Not reported
Res Toxic Vapor:	Not reported
Res Explosive Vapor:	Not reported
Res Other:	Not reported

U S ARMY RESERVE CENTER (Continued) **1000155771**

Res Impacted Soil:	Not reported
Res Impacted Ground Water:	Not reported
Res Impacted Water Well:	Not reported
Res Impacted Pub Water Supply:	Not reported
Res Impacted Surface Water:	Not reported
Res Impacted Toxic Vapor:	Not reported
Res Impacted Explosive Vapor:	Not reported
Res Impacted Other:	Not reported
Res Impacted Drinking WW:	Not reported
Res Impacted Non-Drink WW:	Not reported
Res Impacted Potential Non Drink WW:	Not reported
Officials Onsite Health:	Not reported
Officials Onsite Fire:	Not reported
Officials Onsite Law:	Not reported
Officials Onsite Civil:	Not reported
Officials Onsite None:	Not reported
Officials Onsite Unknown:	Yes
Officials Onsite Other:	Not reported
AST:	Not reported
UST/LUST Other:	Not reported
Delete:	No

IA Hist Lust Cause:

Release Cause:	Unknown

IA Hist Lust Misc:

Misc Due Date:	1/30/94 0:00:00	Misc Rec Date:	2/1/94 0:00:00
Misc Other:	Not reported	Misc Title:	Not reported

IA Hist Lust Site Monitoring Report:

Site Monitoring Report Due Date:	Not reported
Site Monitoring Report Rec Date:	Not reported
Site Monitoring Report Reg Date:	Not reported
Site Monitoring Report Rejected Date:	Not reported
Site Monitoring Report Type:	Not reported
Reclassification Request Type:	Not reported
Site Monitoring Report Revd By:	Not reported
GW professional ID:	Not reported

IA Hist Lust Remediation:

Heat Treatment:	No
Land Application:	No
On Site:	No
Achieved Over-Excavation:	Yes
Soil Venting Passive:	No
Soil Venting Active:	No
Bioremediation Passive:	No
Bioremediation Active:	No
In Situ GW Treatment - Air Sparging:	No
Ground Water:	No
Fresh Water:	No
IGT - pH Adjustment:	No
Nutrient:	No
Oxygen:	No
Biological:	No

U S ARMY RESERVE CENTER (Continued) **1000155771**

Permit Date:	Not reported
Other:	No
Surface Treatment - Carbon Absorption:	No
Biological:	No
ST Other:	No
TDT Sanitary Sewer:	No
TDT Storm Sewer:	No
Stream:	No
TDT Other:	No
Reduced Risk Plugged Well:	No
RR Replace:	No
RR Relocate:	No
RR Other:	No
Delete:	No

IA Hist Lust Free Product Recovery:

FPR Report Assesment Due:	Not reported
FPR Report Received:	Not reported
FPR Report Accepted:	Not reported
FPR Report Rejected:	Not reported
FPR Report Revised:	Not reported

IA Hist Lust Corrective Action Design Report:

Corrective Action Design Record Date:	Not reported
Corrective Action Design Received:	Not reported
Corrective Action Design Accepted:	Not reported
Corrective Action Design Rejected:	Not reported
Revised Report Received:	Not reported

IA Hist Lust Tier 1 Report:

T1 Assesment Due:	Not reported
T1 Received:	Not reported
Tier 1 Consultant Recommends:	Not reported
T1 Accepted:	Not reported
T1 Rejected:	Not reported
T1 Revised:	Not reported
T1 Reviewed:	Not reported

IA Hist Lust Tier 2 Report:

T2 Assesment Due:	Not reported
T2 Received:	Not reported
T2 Accepted:	Not reported
T2 Rejected:	Not reported
T2 Reviewed:	Not reported

IA Hist Lust Tier 3 Report:

T3 Assesment Due:	Not reported
T3 Received:	Not reported
T3 Accepted:	Not reported
T3 Rejected:	Not reported

IA Hist Lust Administration:

ID:	3843
Owner Identified:	Yes

U S ARMY RESERVE CENTER (Continued) **1000155771**

Responsible Party Found:	Yes
RP Date:	3/29/93 0:00:00
Owner Broke:	No
ER Date:	Not reported
Cost Recovery Start Dt:	Not reported
CR Notice of Intent Dt:	Not reported
CR Appeal of NOI Dt:	Not reported
CR Final Decision Dt:	Not reported
CR EP Comm Lien Approval Dt:	Not reported
CR Lien:	Not reported
CR Ten Yr Renewal Dt:	Not reported
CR Lien Named:	No
crtyrdate:	Not reported
CR Remediation:	Not reported
Delete:	No
CR Amnt Received:	Not reported
CR End Date:	Not reported

IA Hist Lust 28E:

Counter:	Not reported
Staff Initials:	Not reported
Type:	Not reported
County:	Not reported
Part Of State:	Not reported
Priority Number:	Not reported
Reason:	Not reported
Responsible Party:	Not reported
rfpno:	Not reported
Removed:	Not reported
Date Removed:	Not reported
Field Office:	Not reported
Newlist:	Not reported
State Lead:	Not reported
Access Letter Mailed:	Not reported
Owner Signed Access:	Not reported
Signed Access to Contractor:	Not reported
Contractor Signed Access:	Not reported
Final Access Mailed:	Not reported
nfr:	Not reported
Start Date:	Not reported

IA Hist Lust AO:

Seq Number:	Not reported
Distribution:	Not reported
UST/LUST Other:	Not reported
Order Type:	Not reported
Legal Ref Start:	Not reported
Division ADM Date:	Not reported
CE Bureau Date:	Not reported
AO Issue Date:	Not reported
AO Number:	Not reported
Name Of Parties:	Not reported
Penalty Due Date:	Not reported
Penalty Amount:	Not reported
Penalty Paid Date:	Not reported
Penalty Amount Paid:	Not reported

U S ARMY RESERVE CENTER (Continued) **1000155771**

AO Appeal Date:	Not reported
ALJ Decision Date:	Not reported
EPC Decision Date:	Not reported
Attorney Gen Ref Date:	Not reported
Final Court Decision:	Not reported
Case Number:	Not reported
County:	Not reported
Action Required:	Not reported
Compliance Due:	Not reported
In Compliance Date:	Not reported
Removed:	Not reported
Staff Initials:	Not reported

IA Hist Lust ATP:

Seq Number:	Not reported
Last Name:	Not reported
Priority Rank:	Not reported
Type:	Not reported
Reason:	Not reported
ATP Due:	Not reported
ATP Letter:	Not reported
Financial Documents Recvd:	Not reported
Able/Unable To Pay:	Not reported
Final Letter:	Not reported
Project Complete:	Not reported
RP Able to Pay:	Not reported
Project Removed:	Not reported
Staff Initials:	Not reported
Comment:	Not reported

IA Hist Lust Contract:

Seq Number:	Not reported
Tank City:	Not reported
Staff Initials:	Not reported
Score:	Not reported
Scope Completed:	Not reported
Advertise:	Not reported
Receive Bids:	Not reported
Commission Approval:	Not reported
Contract Approved:	Not reported
Original Contract Amt:	Not reported
Change Orders:	Not reported
Paid to Date:	Not reported
SCR/CADR Received:	Not reported
SCR/CADR Approved:	Not reported
Contract:	Not reported

IA Hist Lust Bedrock Well:

ID:	Not reported
Category:	Not reported
Sample Water Supply:	Not reported
GIS Survey:	Not reported

IA Hist Lust Inst Control:

Inst Control Begin:	Not reported

U S ARMY RESERVE CENTER (Continued) **1000155771**

Inst Control Type:	Not reported

IA Hist Lust Track:

ID:	3843
Site Assesment Start Date:	4/5/93 0:00:00
Free Product Recvry End Date:	Not reported
FP Letter Sent Date:	Not reported
FP Report Frequency:	Not reported
Assesment Report Due:	Not reported
Assesment Report Received:	Not reported
Assesment Report Approved:	Not reported
Achieved Over-Excavation:	Yes
Release Not Verified Date:	Not reported
Ref to Contaminated Site Section:	Not reported
Cleanup Start Date:	4/5/93 0:00:00
Cleanup Complete Date:	2/1/94 0:00:00
Cleanup Report Due Date:	12/30/93 0:00:00
Cleanup Report Received Date:	2/1/94 0:00:00
Cleanup Report Approved Date:	2/1/94 0:00:00
Check Report Due Date:	Not reported
Check Report Received Date:	Not reported
Check Report Rejected Date:	Not reported
Check Report Approved Date:	Not reported
Date Classified:	2/1/94 0:00:00
Risk Classification -NFA:	Yes
Class - Low Risk:	No
Class - High Risk:	No
Lust Current:	No Action Required
Tier 1 Consultant Recommends:	Not reported
T1 Actual GW Ingestion:	No
T1 Poten GW Ingestion from Protected GW:	No
T1 Poten GW Ingestion from Protected GW:	No
T1 GW Vapor to Enclosed Space:	No
T1 GW to Plastic Water Line:	No
T1 Surface Water:	No
T1 Soil Leaching to GW:	No
T1 Soil Vapor to Enclosed Space:	No
T1 Soil to Plastic Line:	No
Tier 2 Consultant Recommends:	Not reported
T2 Actual GW Ingestion:	Not reported
T2 Poten GW Ingestion from Protected GW:	Not reported
T2 Poten GW Ingestion from Protected GW:	Not reported
T2 GW Vapor to Enclosed Space:	Not reported
T2 GW to Plastic Water Line:	Not reported
T2 SW General Use:	Not reported
T2 SW Designated Use:	Not reported
T2 Soil Leaching to GW:	Not reported
T2 Soil Vapor to Enclosed Space:	Not reported
T2 Soil to Plastic Line:	Not reported
Institutional Control Obtained:	No
NFA Certificate Sent:	Not reported
No Action Required:	**No**
Priority Ranking:	Not reported
Delete:	No

U S ARMY RESERVE CENTER (Continued) **1000155771**

UST:
Registration: 198608308

UST:
Registration: 198608308
Status Description: Regulated tanks - r/f
Type Description: Federal

Tank Id: 25055
Install Date: 12/1/1900
Status Description: Regulated tanks - r/f
Capacity: 1500
Content Description: Diesel

Registration: 198608308
Tank Id: 25056
Install Date: 12/1/1900
Status Description: Regulated tanks - r/f
Capacity: 500
Content Description: Used Oil

Registration: 198608308
Tank Id: 25054
Install Date: 12/1/1900
Status Description: Regulated tanks - r/f
Capacity: 1500
Content Description: Gasoline

HIST UST:

Tank Number:	001
Tank Status:	**Regulated tanks - r/f**
Tank Type:	Other
Tank Capacity:	1500
Currently In Use:	No
Tank Material and Construction:	Steel
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	1/1/00 0:00:00
Site Install Date:	12/1/00 0:00:00
Date Removed:	9/24/90 0:00:00
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	1/1/00 0:00:00
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Not reported
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported

U S ARMY RESERVE CENTER (Continued) **1000155771**

TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Yes
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Yes
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported

U S ARMY RESERVE CENTER (Continued) **1000155771**

Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported
Tank Number:	002
Tank Status:	**Regulated tanks - r/f**
Tank Type:	Other
Tank Capacity:	1500
Currently In Use:	No
Tank Material and Construction:	Steel
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	1/1/00 0:00:00
Site Install Date:	12/1/00 0:00:00
Date Removed:	9/24/90 0:00:00
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	1/1/00 0:00:00
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Not reported
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Yes
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported

U S ARMY RESERVE CENTER (Continued) **1000155771**

PCP Galvanized Steel:	Yes
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

Tank Number:	004
Tank Status:	**Regulated tanks - r/f**
Tank Type:	Other
Tank Capacity:	500
Currently In Use:	No
Tank Material and Construction:	Steel
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported
Site Install Date:	12/1/00 0:00:00
Date Removed:	8/31/92 0:00:00
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	1/1/00 0:00:00
Permanently Out of Use:	Not reported
Compartment Case:	Not reported

U S ARMY RESERVE CENTER (Continued) **1000155771**

Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Not reported
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Yes
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Yes
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Yes
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Not reported
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported

U S ARMY RESERVE CENTER (Continued) **1000155771**

Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

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H27 **FORT DES MOINES** **HIST FTTS** **1008180308**
NNW **225 E ARMY POST RD** **N/A**
1/2-1 **DES MOINES, IA 50315**
0.667 mi.
3524 ft. **Site 4 of 7 in cluster H**

Relative: Higher

Actual: 949 ft.

HIST FTTS INSP:

Inspection Number:	19891114IA007 1
Region:	07
Inspection Date:	Not reported
Inspector:	LEGGETT
Violation occurred:	Yes
Investigation Type:	Section 6 PCB State Conducted
Investigation Reason:	Neutral Scheme, Region
Legislation Code:	TSCA
Facility Function:	User

H28 **AERO FLIGHT DISTRIBUTING** **FINDS** **1011287415**
NNW **228 E ARMY POST ROAD** **N/A**
1/2-1 **DES MOINES, IA 50315**
0.668 mi.
3527 ft. **Site 5 of 7 in cluster H**

Relative: Higher

Actual: 949 ft.

FINDS:

Registry ID: 110036181949

Environmental Interest/Information System
IDNR-EFD (Iowa Department Of Natural Resources - Emission Factor Documentation) provides information about existing emission factors

H29 **AERO FLIGHT DISTRIBUTING** **UST** **U003126200**
NNW **228 E ARMY POST ROAD** **HIST UST** **N/A**
1/2-1 **DES MOINES, IA 50315**
0.668 mi.
3527 ft. **Site 6 of 7 in cluster H**

Relative:
Higher

UST:
Registration: 198609708

Actual:
949 ft.

UST:
Registration: 198609708
Status Description: Regulated tanks - r/f
Type Description: Private/Corporate

Tank Id: 29292
Install Date: 4/1/1981
Status Description: Non-regulated hoist oil tank - active
Capacity: 50
Content Description: Other

Registration: 198609708
Tank Id: 29290
Install Date: 6/1/1981
Status Description: Regulated tanks - r/f
Capacity: 265
Content Description: Used Oil

Registration: 198609708
Tank Id: 29291
Install Date: 4/1/1981
Status Description: Non-regulated hoist oil tank - active
Capacity: 50
Content Description: Other

Registration: 198609708
Tank Id: 29294
Install Date: 4/1/1981
Status Description: Non-regulated hoist oil tank - active
Capacity: 50
Content Description: Other

Registration: 198609708
Tank Id: 29293
Install Date: 4/1/1981
Status Description: Non-regulated hoist oil tank - active
Capacity: 50
Content Description: Other

HIST UST:
Tank Number: 001
Tank Status: **Regulated tanks - r/f**
Tank Type: Commercial
Tank Capacity: 265
Currently In Use: No
Tank Material and Construction: Steel
Tank Material and Construction Other: Not reported
Tank Internal Protection Fiberglass: Not reported
Tank External Protection Cathodic: Not reported
Temp Closed Date: Not reported

AERO FLIGHT DISTRIBUTING (Continued) **U003126200**

Site Install Date:	6/1/81 0:00:00
Date Removed:	12/1/91 0:00:00
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	1/1/00 0:00:00
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Not reported
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	UNDER COATED
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Yes
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported

AERO FLIGHT DISTRIBUTING (Continued) **U003126200**

Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

Tank Number:	002
Tank Status:	**Non-regulated hoist oil tank - active**
Tank Type:	Not reported
Tank Capacity:	50
Currently In Use:	No
Tank Material and Construction:	Steel
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported
Site Install Date:	4/1/81 0:00:00
Date Removed:	Not reported
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Not reported
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported

AERO FLIGHT DISTRIBUTING (Continued) **U003126200**

TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	UNDER COATED
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Yes
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported
Tank Number:	003

AERO FLIGHT DISTRIBUTING (Continued) **U003126200**

Tank Status:	**Non-regulated hoist oil tank - active**
Tank Type:	Not reported
Tank Capacity:	50
Currently In Use:	No
Tank Material and Construction:	Steel
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported
Site Install Date:	4/1/81 0:00:00
Date Removed:	Not reported
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Not reported
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	UNDER COATED
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Yes
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported

AERO FLIGHT DISTRIBUTING (Continued) **U003126200**

PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

Tank Number:	004
Tank Status:	**Non-regulated hoist oil tank - active**
Tank Type:	Not reported
Tank Capacity:	50
Currently In Use:	No
Tank Material and Construction:	Steel
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported
Site Install Date:	4/1/81 0:00:00
Date Removed:	Not reported
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Not reported

AERO FLIGHT DISTRIBUTING (Continued) **U003126200**

TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	UNDER COATED
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Yes
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported

AERO FLIGHT DISTRIBUTING (Continued) **U003126200**

Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported
Tank Number:	005
Tank Status:	**Non-regulated hoist oil tank - active**
Tank Type:	Not reported
Tank Capacity:	50
Currently In Use:	No
Tank Material and Construction:	Steel
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported
Site Install Date:	4/1/81 0:00:00
Date Removed:	Not reported
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Not reported
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	UNDER COATED
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported

AERO FLIGHT DISTRIBUTING (Continued) **U003126200**

LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Yes
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

Click this hyperlink while viewing on your computer to access additional IA HIST UST: detail in the EDR Site Report.

H30 **NAPA AUTO PARTS** **RCRA-NonGen** **1004689657**
NNW **228 E ARMY POST RD** **FINDS** **IAD055614135**
1/2-1 **DES MOINES, IA 50315**
0.668 mi.
3527 ft. **Site 7 of 7 in cluster H**

Relative:
Higher

Actual:
949 ft.

RCRA-NonGen:

Date form received by agency:	07/01/1994
Facility name:	NAPA AUTO PARTS
Facility address:	228 E ARMY POST RD DES MOINES, IA 50315
EPA ID:	IAD055614135
Mailing address:	E ARMY POST RD DES MOINES, IA 50315

NAPA AUTO PARTS (Continued) **1004689657**

Contact: Not reported
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 07
Land type: Private
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: NAPA AUTO PARTS
Owner/operator address: 228 E ARMY POST RD
DES MOINES, IA 50315
Owner/operator country: Not reported
Owner/operator telephone: 515
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: Unknown
Mixed waste (haz. and radioactive): Unknown
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: Unknown
Furnace exemption: Unknown
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Verified to be non-commercial

Historical Generators:
Date form received by agency: 04/10/1986
Facility name: NAPA AUTO PARTS
Classification: Not a generator, verified

Hazardous Waste Summary:
Waste code: NONE
Waste name: None

Waste code: NONE
Waste name: None

Violation Status: No violations found

NAPA AUTO PARTS (Continued) **1004689657**

Evaluation Action Summary:
Evaluation date: 01/19/1994
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA Contractor/Grantee

FINDS:

Registry ID: 110005744409

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

I31 **ALDI INC** **FINDS** **1011291851**
NNE **500 E ARMY POST RD** **N/A**
1/2-1 **DES MOINES, IA 50315**
0.681 mi.
3595 ft. **Site 1 of 4 in cluster I**

Relative: Higher

Actual: 929 ft.

FINDS:

Registry ID: 110036268650

Environmental Interest/Information System
IDNR-EFD (Iowa Department Of Natural Resources - Emission Factor Documentation) provides information about existing emission factors

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I32 **ALDI, INC** **UST** **U003126637**
NNE **500 E ARMY POST RD** **HIST UST** **N/A**
1/2-1 **DES MOINES, IA 50315**
0.681 mi.
3595 ft. **Site 2 of 4 in cluster I**

Relative: Higher

UST:
Registration: 199016917

Actual: 929 ft.

UST:
Registration: 199016917
Status Description: Regulated tanks - r/f
Type Description: Private/Corporate

Tank Id: 40924
Install Date: 12/1/1982
Status Description: Regulated tanks - r/f
Capacity: 8000
Content Description: Hazardous

HIST UST:

ALDI, INC (Continued) **U003126637**

Tank Number:	001
Tank Status:	**Regulated tanks - r/f**
Tank Type:	Commercial
Tank Capacity:	8000
Currently In Use:	No
Tank Material and Construction:	Steel
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	1/1/80 0:00:00
Site Install Date:	12/1/82 0:00:00
Date Removed:	6/8/90 0:00:00
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	1/1/00 0:00:00
Permanently Out of Use:	Not reported
Compartment Case:	67561
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Not reported
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Yes
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Yes
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Yes
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Not reported
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported

ALDI, INC (Continued) **U003126637**

PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

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E33 **101 E. ARMY POST ROAD** **ERNS** **90156353**
NNW **101 E. ARMY POST ROAD** **N/A**
1/2-1 **DES MOINES, IA**
0.693 mi.
3657 ft. **Site 3 of 3 in cluster E**

Relative:
Higher

Click this hyperlink while viewing on your computer to access additional ERNS detail in the EDR Site Report.

Actual:
939 ft.

I34 **TIRES PLUS SOUTHRIDGE** **RCRA-CESQG** **1001227651**
NNE **600 E ARMY POST RD** **FINDS** **IAR000001966**
1/2-1 **DES MOINES, IA 50315**
0.701 mi.
3700 ft. **Site 3 of 4 in cluster I**

Relative:
Higher

Actual:
912 ft.

RCRA-CESQG:

Date form received by agency:	04/29/1996
Facility name:	TIRES PLUS SOUTHRIDGE
Facility address:	600 E ARMY POST RD DES MOINES, IA 50315
EPA ID:	IAR000001966
Mailing address:	E ARMY POST RD DES MOINES, IA 50315
Contact:	Not reported

TIRES PLUS SOUTHRIDGE (Continued) **1001227651**

Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 07
Land type: Private
Classification: Conditionally Exempt Small Quantity Generator
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:
Owner/operator name: TIRES PLUS GROUPE
Owner/operator address: 701 LADYBIRD LN
BURNSVILLE, MN 55337
Owner/operator country: Not reported
Owner/operator telephone: (612) 895-4900
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: Unknown
Mixed waste (haz. and radioactive): Unknown
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: Unknown
Furnace exemption: Unknown
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Verified to be non-commercial

Historical Generators:
Date form received by agency: 11/20/1995
Facility name: TIRES PLUS SOUTHRIDGE
Classification: Conditionally Exempt Small Quantity Generator

TIRES PLUS SOUTHRIDGE (Continued) **1001227651**

Hazardous Waste Summary:

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D002
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Waste code: D008
Waste name: LEAD

Waste code: D009
Waste name: MERCURY

Waste code: UOIL
Waste name: UOIL

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D002
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Waste code: D008
Waste name: LEAD

Waste code: D009
Waste name: MERCURY

Violation Status: No violations found

Evaluation Action Summary:

Evaluation date: 04/29/1996

TIRES PLUS SOUTHRIDGE (Continued) **1001227651**

Evaluation: COMPLIANCE ASSISTANCE VISIT
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

FINDS:

Registry ID: 110005774126

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

I35
NNE
1/2-1
0.701 mi.
3700 ft.

Relative:
Higher

Actual:
912 ft.

600 E. ARMY POST ROAD **HMIRS** **97051096**
DES MOINES, IA **N/A**

Site 4 of 4 in cluster I

Click this hyperlink while viewing on your computer to access additional HMIRS detail in the EDR Site Report.

36
South
1/2-1
0.705 mi.
3722 ft.

Relative:
Higher

Actual:
898 ft.

ROAD SURFACE **SPILLS** **S110366221**
237 GEPKE PKWY **N/A**
DES MOINES, IA 50320

SPILL:
Facility ID: 092109-WCG-1830
Reported Date: 9/21/2009 18:30
Reported Time: Not reported
Taken By: Not reported
Spill Date: Not reported
Spill Time: Not reported
6 hr Letter: Not reported
Continuous Release: Not reported
Incident Location: Not reported
Incident Mode: Not reported
Incident Type: Not reported
Incident Medium Land: Not reported
Incident Medium Water: Not reported
Incident Medium Air: Not reported
Initial Instructions: Not reported
Events: Not reported

F37
ESE
1/2-1
0.710 mi.
3747 ft.

CITY OF DES MOINES ENGINEERING DEPT
11246 E COUNTY LINE RD
DES MOINES, IA 50311

Site 2 of 2 in cluster F

FINDS **1006796771**
N/A

Relative:
Higher

Actual:
899 ft.

FINDS:

Registry ID: 110013667362

Environmental Interest/Information System

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

38
North
1/2-1
0.714 mi.
3772 ft.

337 SE LALLY
DES MOINES, IA 50315

DOT OPS **1009635906**
N/A

Relative:
Higher

Actual:
951 ft.

DOT OPS:

Report ID:	1840513
Facility name:	Not reported
Address:	337 SE LALLY DES MOINES, IA 50315
Latitude:	Not reported
Longitude:	Not reported
EDR type:	NATURAL GAS DISTRIBUTION
Cause of incident:	DAMAGE BY OUTSIDE FORCES
Operator code:	8243
Operator name:	IOWA GAS COMPANY
Incident address:	337 SE LALLY DES MOINES, IA 50315
Incident county:	POLK
Incident congressional district:	Not reported
Incident date:	19840309
Detection time:	930
Stoppage hours:	0
Stoppage minutes:	45
Estimated pressure at incident time:	6.00
Max. allowable operating preassure:	10.00
Part of operation that failed:	Not reported
Part of operation other comment:	Not reported
Part of system that failed:	FITTING
Part of system other comment:	Not reported
Year oart installed:	0
Where leak originated:	OTHER
Leak other comment:	PIPE PULLED FRM CMP CPLNG
Real nominal pipe diameter:	1.250

(Continued) **1009635906**

Pipe wall thickness (inches):	0.140
Pipe specifications:	Not reported
Pipe grade:	Not reported
Type of repair done:	OTHER REPAIR OR DISPOSITION
Type other comment:	SERVICE PIPING CUT OFF
Length of replaced pipe:	0.00
Component replaced/reconditioned:	NO DATA
Component other comment:	Not reported
Employee fatalities:	0
Employees injured:	0
Non-empl. fatalities:	0
Non-empl. inured:	0
Did a rupture occur:	NO
Did gas ignite:	YES
Did an explosion occur:	NO
Secondary fires/explosions:	YES
Operator property damage:	100
Structure adjacent to leak:	RESIDENTIAL SINGLE-STORY
Structure other comment:	Not reported
Dist. to nearest structure:	1
Underground facility involved:	NO
Underground facility other comment:	Not reported
Any utilities affected:	YES
Dist. of other gas fac. contributing:	0
Dist. of other gas fac. impaired:	0
Dist. of telephone fac. contributing:	0
Dist. of telephone fac. impaired:	25
Dist. of electric fac. contributing:	0
Dist. of electric fac. impaired:	25
Dist. of storm sewer fac. contributing:	0
Dist. of storm sewer fac. impaired:	0
Dist. of other sewer fac. contributing:	0
Dist. of other sewer fac. impaired:	0
Dist. of water fac. contributing:	0
Dist. of water fac. impaired:	0
Dist. of other fac. contributing:	0
Other fac. contributing:	Not reported
Dist. of other fac. impaired:	0
Other facility impaired:	Not reported
Location of leak or failure:	BELOW GROUND
Location other comment:	Not reported
Cover depth:	12
Soil at pipe depth:	SOIL
Soil temperature at soil leak:	30
Report by:	OTHER
Report other comment:	FIRE DEPT
Cause of Corrosion:	Not reported
Cause of Corrosion Other:	Not reported
Coating:	NO DATA
Operator rec prior notification of excavation:	NO
Notification Date:	Not reported
Notification Hr:	0
Was pipeline marked:	NO
Type mark:	NO DATA
Type mark other:	Not reported
Stat Req mark:	NO
damerthmve:	OTHER

(Continued) **1009635906**

damerthmo:	FROST HEAVE
emcoth:	NO
emcothdesc:	Not reported
causlkcons:	NO DATA
steel_clas:	Not reported
Plastic:	Not reported
plastreinf:	Not reported
castiron:	Not reported
othmat:	Not reported
intialtest:	NO DATA
tstmedinit:	Not reported
tstmedioth:	Not reported
inittstyr:	Not reported
mintstpres:	Not reported
tmehldpres:	Not reported
presslkini:	Not reported
subseqtst:	NO DATA
tstmedsubs:	Not reported
tstmsubot:	Not reported
subseqtyr:	Not reported
mintstpsub:	Not reported
thpresssub:	Not reported
presslksub:	Not reported

J39 **ARMY POST MOW N SNOW INC** **RCRA-CESQG** **1000860565**
NNW **2 E ARMY POST RD** **FINDS** **IA0000092502**
1/2-1 **DES MOINES, IA 50315**
0.722 mi.
3813 ft. **Site 1 of 6 in cluster J**

Relative:
Higher

Actual:
946 ft.

RCRA-CESQG:

Date form received by agency:	04/11/1995
Facility name:	ARMY POST MOW N SNOW INC
Facility address:	2 E ARMY POST RD DES MOINES, IA 503155821
EPA ID:	IA0000092502
Mailing address:	E ARMY POST RD DES MOINES, IA 503155821
Contact:	JAMES LEE WILLIAMS
Contact address:	2 E ARMY POST RD DES MOINES, IA 503155821
Contact country:	US
Contact telephone:	(515) 287-2255
Contact email:	Not reported
EPA Region:	07
Land type:	Private
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of

ARMY POST MOW N SNOW INC (Continued) **1000860565**

any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:
Owner/operator name: ARMY POST MOW N SNOW INC
Owner/operator address: 2 E ARMY POST RD
DES MOINES, IA 50315
Owner/operator country: Not reported
Owner/operator telephone: (515) 287-2255
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): Unknown
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Verified to be non-commercial

Historical Generators:
Date form received by agency: 04/11/1995
Facility name: ARMY POST MOW N SNOW INC
Classification: Conditionally Exempt Small Quantity Generator

Hazardous Waste Summary:
Waste code: D000
Waste name: Not Defined

Waste code: UOIL
Waste name: UOIL

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: F004

ARMY POST MOW N SNOW INC (Continued) **1000860565**

Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: CRESOLS AND CRESYLIC ACID, AND NITROBENZENE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 04/11/1995
Evaluation: COMPLIANCE ASSISTANCE VISIT
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

FINDS:

Registry ID: 110005731495

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

J40 **FORT DES MOINES** **ALLSITES** **S108269640**
NNW **S UNION STREET / ARMY POST ROAD** **N/A**
1/2-1 **DES MOINES, IA 50315**
0.723 mi.
3818 ft. **Site 2 of 6 in cluster J**

Relative: Higher

Actual: 946 ft.

ALLSITES:
Site Id Number: 656
Project Manager: Dan Cook
Ownership Type: Municipal
Status: Open
Origin: EPA
Program: Chapter 133
Site Type: Federal

J41 **KUM & GO #120** **UST** **U001727239**
NNW **101 SW ARMY POST RD** **HIST UST** **N/A**
1/2-1 **DES MOINES, IA 50315** **SPILLS**
0.726 mi.
3833 ft. **Site 3 of 6 in cluster J**

Relative: Higher

UST:
Registration: 198607448

Actual: 947 ft.

UST:
Registration: 198607448
Status Description: Regulated tanks - active
Type Description: Private/Corporate

KUM & GO #120 (Continued) **U001727239**

Tank Id:	22616
Install Date:	8/1/1985
Status Description:	Regulated tank - active
Capacity:	10000
Content Description:	Gasoline

Registration:	198607448
Tank Id:	22614
Install Date:	8/1/1985
Status Description:	Regulated tank - active
Capacity:	10000
Content Description:	Gasoline

Registration:	198607448
Tank Id:	22615
Install Date:	8/1/1985
Status Description:	Regulated tank - active
Capacity:	10000
Content Description:	Gasoline

HIST UST:

Tank Number:	001
Tank Status:	**Regulated tank - active**
Tank Type:	Other
Tank Capacity:	10000
Currently In Use:	Yes
Tank Material and Construction:	FRP
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported
Site Install Date:	8/1/85 0:00:00
Date Removed:	Not reported
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Yes
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Yes

KUM & GO #120 (Continued) **U001727239**

TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Yes
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	VEEDER ROOT TLS350
Piping Construction and Protection Bare Steel:	Yes
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Not reported
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Yes
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Yes
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Yes
PLD Automatic Line Tightness:	Yes
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	VEEDER ROOT TLS 350
Spill Protection:	Yes
Catchment Basin Size:	Yes
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Yes
Automatic Shutoff Device:	Yes
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

Tank Number:	002
Tank Status:	**Regulated tank - active**
Tank Type:	Other

KUM & GO #120 (Continued) **U001727239**

Tank Capacity:	10000
Currently In Use:	Yes
Tank Material and Construction:	FRP
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported
Site Install Date:	8/1/85 0:00:00
Date Removed:	Not reported
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Yes
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Yes
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Yes
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	VEEDER ROOT TLS 350
Piping Construction and Protection Bare Steel:	Yes
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Not reported
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Yes
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Yes

KUM & GO #120 (Continued) **U001727239**

TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Yes
PLD Automatic Line Tightness:	Yes
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	VEEDER ROOT TLS 350
Spill Protection:	Yes
Catchment Basin Size:	Yes
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Yes
Automatic Shutoff Device:	Yes
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

Tank Number:	003
Tank Status:	**Regulated tank - active**
Tank Type:	Other
Tank Capacity:	10000
Currently In Use:	Yes
Tank Material and Construction:	FRP
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported
Site Install Date:	8/1/85 0:00:00
Date Removed:	Not reported
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Yes
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported

KUM & GO #120 (Continued) **U001727239**

TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Yes
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Yes
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	VEEDER ROOT TLS 350
Piping Construction and Protection Bare Steel:	Yes
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Not reported
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Yes
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Yes
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Yes
PLD Automatic Line Tightness:	Yes
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	VEEDER ROOT TLS 350
Spill Protection:	Yes
Catchment Basin Size:	Yes
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Yes
Automatic Shutoff Device:	Yes
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported

KUM & GO #120 (Continued) **U001727239**

Manufacturer Checklist Completed: Not reported
Tanks/Pipes Tested for leaks during/after Install: Not reported
Other Installation: Not reported
Installer Cert. by LUST Board: Not reported
Installation Cert. by LUST Board Cert. Inspector: Not reported

SPILL:
Facility ID: 030410-AHB-1600
Reported Date: 3/4/2010 16:00
Reported Time: Not reported
Taken By: Not reported
Spill Date: Not reported
Spill Time: Not reported
6 hr Letter: Not reported
Continuous Release: Not reported
Incident Location: Not reported
Incident Mode: Not reported
Incident Type: Not reported
Incident Medium Land: Not reported
Incident Medium Water: Not reported
Incident Medium Air: Not reported
Initial Instructions: Not reported
Events: Not reported

J42 **KUM & GO #120** **FINDS** **1011287112**
NNW **101 SW ARMY POST RD** **N/A**
1/2-1 **DES MOINES, IA 50315**
0.726 mi.
3833 ft. **Site 4 of 6 in cluster J**

Relative: Higher

Actual: 947 ft.

FINDS:

Registry ID: 110036260444

Environmental Interest/Information System
IDNR-EFD (Iowa Department Of Natural Resources - Emission Factor Documentation) provides information about existing emission factors

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J43 **FORMER STATION** **LUST** **S106058937**
NNW **111 ARMY POST ROAD** **HIST LUST** **N/A**
1/2-1 **DES MOINES, IA 50315**
0.728 mi.
3844 ft. **Site 5 of 6 in cluster J**

Relative: Higher

Actual: 948 ft.

LUST:
Registration: 197910256
Leak Number: 9LTD27
Date Reported: 2/13/1996
Date Cleanup Started: Not reported
Date Cleanup Completed: 5/6/1996
Record Description: No Action Required
Product Description: Gasoline

HIST LUST:

FORMER STATION (Continued) **S106058937**

Facility ID:	197910256
Leak Number:	9LTD27
Leak Entry Date:	03/08/96
Spill Number:	Not reported
Occur Date:	Not reported
Occur Time:	Not reported
Discover Date:	12/22/1995 0:00
Discover Time:	Not reported
Facility Addr 2:	Not reported
Facility Phone:	Not reported
Facility Fax1:	Not reported
Facility Fax2:	Not reported
Owner Name:	ERNEST HOOPES
Owner Type:	Private/Corporate
Owner Addr:	7508 SW 12TH ST
Owner City,St,Zip:	DES MOINES, IA 503150000
Owner Phone:	5152852819
Owner Fax:	Not reported
Lead:	Responsible Party
Coordinator:	ERD
Staff Initials:	Not reported
Leak Contact:	ERNEST HOOPES
Leak Address:	Not reported
Leak City,St,Zip:	0
Leak Phone:	5152852819
Record Name:	GASTINEAU
Record Date:	2/29/1996 0:00
Record Location:	Lust
Reporter Name:	DAVID MCGUFFIN
Reporter Business:	CITY OF DES MOINES
Reporter Date:	02/13/96
Reporter Addr:	400 E 1ST STREET
Rprtr City,St,Zip:	DES MOINES, IA 503091891
Reporter Phone:	5152834920
Responsible Party:	Not reported
RP Company:	Not reported
RP Address:	Not reported
RP City,St,Zip:	0
RP Phone:	0
RP Ext:	Not reported
RP Fax:	Not reported
ER Date:	Not reported
Delete:	No
Ground Water Professional ID:	0
Ground Water Professional Due Date:	/ /
Ground Water Professional Received Date:	/ /
Corrective Action Design Report Id:	0
Corrective Action Design Due Date:	Not reported
Corrective Action Design Record Date:	/ /

IA Hist Lust Status:

ID:	305
Site Leak Number:	9LTD27
Discovered During:	Other
Tanks Removed:	00
Leak Cause:	UNK
Gas:	Yes
Diesel:	Not reported

FORMER STATION (Continued) **S106058937**

Oil:	Not reported
Kerosene:	Not reported
Released Fuel Oil:	Not reported
Released Hydraulic Oil:	Not reported
Released Other Petroleum:	Not reported
Released Unknown:	Not reported
Released Non_Petroleum Chemical:	Not reported
Gallons Released:	UNK000000000
Leak Status:	Unknown
Loc Soil:	Yes
Loc Ground Water:	Yes
Loc Surface Water:	Not reported
Loc Water Supply:	Not reported
Res Public Water Supply:	Not reported
Resources Water Well:	Not reported
Res Actual Drinking WW:	Not reported
Res Non-Drink WW:	Not reported
respotprtg:	Not reported
ressoil:	Not reported
Res Ground Water:	Not reported
Res Surface Water:	Not reported
Res Toxic Vapor:	Not reported
Res Explosive Vapor:	Not reported
Res Other:	Not reported
Res Impacted Soil:	Not reported
Res Impacted Ground Water:	Not reported
Res Impacted Water Well:	Not reported
Res Impacted Pub Water Supply:	Not reported
Res Impacted Surface Water:	Not reported
Res Impacted Toxic Vapor:	Not reported
Res Impacted Explosive Vapor:	Not reported
Res Impacted Other:	Not reported
Res Impacted Drinking WW:	Not reported
Res Impacted Non-Drink WW:	Not reported
Res Impacted Potential Non Drink WW:	Not reported
Officials Onsite Health:	Not reported
Officials Onsite Fire:	Not reported
Officials Onsite Law:	Not reported
Officials Onsite Civil:	Not reported
Officials Onsite None:	Not reported
Officials Onsite Unknown:	Yes
Officials Onsite Other:	Not reported
AST:	Not reported
UST/LUST Other:	Not reported
Delete:	No

IA Hist Lust Cause:
Release Cause: Unknown

IA Hist Lust Misc:

Misc Due Date:	Not reported	Misc Rec Date:	Not reported
Misc Other:	Not reported	Misc Title:	Not reported

IA Hist Lust Site Monitoring Report:

Site Monitoring Report Due Date:	Not reported
Site Monitoring Report Rec Date:	Not reported

FORMER STATION (Continued) **S106058937**

Site Monitoring Report Reg Date:	Not reported
Site Monitoring Report Rejected Date:	Not reported
Site Monitoring Report Type:	Not reported
Reclassification Request Type:	Not reported
Site Monitoring Report Revd By:	Not reported
GW professional ID:	Not reported

IA Hist Lust Remediation:

Heat Treatment:	No
Land Application:	No
On Site:	No
Achieved Over-Excavation:	No
Soil Venting Passive:	No
Soil Venting Active:	No
Bioremediation Passive:	No
Bioremediation Active:	No
In Situ GW Treatment - Air Sparging:	No
Ground Water:	No
Fresh Water:	No
IGT - pH Adjustment:	No
Nutrient:	No
Oxygen:	No
Biological:	No
Permit Date:	Not reported
Other:	No
Surface Treatment - Carbon Absorption:	No
Biological:	No
ST Other:	No
TDT Sanitary Sewer:	No
TDT Storm Sewer:	No
Stream:	No
TDT Other:	No
Reduced Risk Plugged Well:	No
RR Replace:	No
RR Relocate:	No
RR Other:	No
Delete:	No

IA Hist Lust Free Product Recovery:

FPR Report Assesment Due:	Not reported
FPR Report Received:	Not reported
FPR Report Accepted:	Not reported
FPR Report Rejected:	Not reported
FPR Report Revised:	Not reported

IA Hist Lust Corrective Action Design Report:

Corrective Action Design Record Date:	Not reported
Corrective Action Design Received:	Not reported
Corrective Action Design Accepted:	Not reported
Corrective Action Design Rejected:	Not reported
Revised Report Received:	Not reported

IA Hist Lust Tier 1 Report:

T1 Assesment Due:	Not reported
T1 Received:	Not reported

FORMER STATION (Continued) **S106058937**

Tier 1 Consultant Recommends:	Not reported
T1 Accepted:	Not reported
T1 Rejected:	Not reported
T1 Revised:	Not reported
T1 Reviewed:	Not reported

IA Hist Lust Tier 2 Report:

T2 Assesment Due:	Not reported
T2 Received:	Not reported
T2 Accepted:	Not reported
T2 Rejected:	Not reported
T2 Reviewed:	Not reported

IA Hist Lust Tier 3 Report:

T3 Assesment Due:	Not reported
T3 Received:	Not reported
T3 Accepted:	Not reported
T3 Rejected:	Not reported

IA Hist Lust Administration:

ID:	305
Owner Identified:	Yes
Responsible Party Found:	Yes
RP Date:	3/8/96 0:00:00
Owner Broke:	No
ER Date:	Not reported
Cost Recovery Start Dt:	Not reported
CR Notice of Intent Dt:	Not reported
CR Appeal of NOI Dt:	Not reported
CR Final Decision Dt:	Not reported
CR EP Comm Lien Approval Dt:	Not reported
CR Lien:	Not reported
CR Ten Yr Renewal Dt:	Not reported
CR Lien Named:	No
crtyrdate:	Not reported
CR Remediation:	Not reported
Delete:	No
CR Amnt Received:	Not reported
CR End Date:	Not reported

IA Hist Lust 28E:

Counter:	Not reported
Staff Initials:	Not reported
Type:	Not reported
County:	Not reported
Part Of State:	Not reported
Priority Number:	Not reported
Reason:	Not reported
Responsible Party:	Not reported
rfpno:	Not reported
Removed:	Not reported
Date Removed:	Not reported
Field Office:	Not reported
Newlist:	Not reported
State Lead:	Not reported

FORMER STATION (Continued) **S106058937**

Access Letter Mailed:	Not reported
Owner Signed Access:	Not reported
Signed Access to Contractor:	Not reported
Contractor Signed Access:	Not reported
Final Access Mailed:	Not reported
nfr:	Not reported
Start Date:	Not reported

IA Hist Lust AO:

Seq Number:	Not reported
Distribution:	Not reported
UST/LUST Other:	Not reported
Order Type:	Not reported
Legal Ref Start:	Not reported
Division ADM Date:	Not reported
CE Bureau Date:	Not reported
AO Issue Date:	Not reported
AO Number:	Not reported
Name Of Parties:	Not reported
Penalty Due Date:	Not reported
Penalty Amount:	Not reported
Penalty Paid Date:	Not reported
Penalty Amount Paid:	Not reported
AO Appeal Date:	Not reported
ALJ Decision Date:	Not reported
EPC Decision Date:	Not reported
Attorney Gen Ref Date:	Not reported
Final Court Decision:	Not reported
Case Number:	Not reported
County:	Not reported
Action Required:	Not reported
Compliance Due:	Not reported
In Compliance Date:	Not reported
Removed:	Not reported
Staff Initials:	Not reported

IA Hist Lust ATP:

Seq Number:	Not reported
Last Name:	Not reported
Priority Rank:	Not reported
Type:	Not reported
Reason:	Not reported
ATP Due:	Not reported
ATP Letter:	Not reported
Financial Documents Recvd:	Not reported
Able/Unable To Pay:	Not reported
Final Letter:	Not reported
Project Complete:	Not reported
RP Able to Pay:	Not reported
Project Removed:	Not reported
Staff Initials:	Not reported
Comment:	Not reported

IA Hist Lust Contract:

Seq Number:	Not reported
Tank City:	Not reported

FORMER STATION (Continued) **S106058937**

Staff Initials:	Not reported
Score:	Not reported
Scope Completed:	Not reported
Advertise:	Not reported
Receive Bids:	Not reported
Commission Approval:	Not reported
Contract Approved:	Not reported
Original Contract Amt:	Not reported
Change Orders:	Not reported
Paid to Date:	Not reported
SCR/CADR Received:	Not reported
SCR/CADR Approved:	Not reported
Contract:	Not reported

IA Hist Lust Bedrock Well:

ID:	Not reported
Category:	Not reported
Sample Water Supply:	Not reported
GIS Survey:	Not reported

IA Hist Lust Inst Control:

Inst Control Begin:	Not reported
Inst Control Type:	Not reported

IA Hist Lust Track:

ID:	305
Site Assesment Start Date:	Not reported
Free Product Recvry End Date:	Not reported
FP Letter Sent Date:	Not reported
FP Report Frequency:	Not reported
Assesment Report Due:	Not reported
Assesment Report Received:	Not reported
Assesment Report Approved:	Not reported
Achieved Over-Excavation:	Not reported
Release Not Verified Date:	Not reported
Ref to Contaminated Site Section:	Not reported
Cleanup Start Date:	Not reported
Cleanup Complete Date:	5/6/96 0:00:00
Cleanup Report Due Date:	Not reported
Cleanup Report Received Date:	Not reported
Cleanup Report Approved Date:	Not reported
Check Report Due Date:	Not reported
Check Report Received Date:	Not reported
Check Report Rejected Date:	Not reported
Check Report Approved Date:	Not reported
Date Classified:	5/6/96 0:00:00
Risk Classification -NFA:	Yes
Class - Low Risk:	No
Class - High Risk:	No
Lust Current:	No Action Required
Tier 1 Consultant Recommends:	Not reported
T1 Actual GW Ingestion:	No
T1 Poten GW Ingestion from Protected GW:	No
T1 Poten GW Ingestion from Protected GW:	No
T1 GW Vapor to Enclosed Space:	No
T1 GW to Plastic Water Line:	No

FORMER STATION (Continued) **S106058937**

T1 Surface Water:	No
T1 Soil Leaching to GW:	No
T1 Soil Vapor to Enclosed Space:	No
T1 Soil to Plastic Line:	No
Tier 2 Consultant Recommends:	Not reported
T2 Actual GW Ingestion:	Not reported
T2 Poten GW Ingestion from Protected GW:	Not reported
T2 Poten GW Ingestion from Protected GW:	Not reported
T2 GW Vapor to Enclosed Space:	Not reported
T2 GW to Plastic Water Line:	Not reported
T2 SW General Use:	Not reported
T2 SW Designated Use:	Not reported
T2 Soil Leaching to GW:	Not reported
T2 Soil Vapor to Enclosed Space:	Not reported
T2 Soil to Plastic Line:	Not reported
Institutional Control Obtained:	No
NFA Certificate Sent:	Not reported
No Action Required:	**No**
Priority Ranking:	5
Delete:	No

J44 **FORMER STA** **FINDS** **1011292370**
NNW **111 ARMY POST ROAD** **N/A**
1/2-1 **DES MOINES, IA 50315**
0.728 mi.
3844 ft. **Site 6 of 6 in cluster J**

Relative:
Higher

Actual:
948 ft.

FINDS:

Registry ID: 110036340509

Environmental Interest/Information System
IDNR-EFD (Iowa Department Of Natural Resources - Emission Factor Documentation) provides information about existing emission factors

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K45 **ABILD COMPANY INC** **UST** **U003126522**
NNE **700 SE ARMY POST ROAD** **HIST UST** **N/A**
1/2-1 **DES MOINES, IA 50315**
0.729 mi.
3847 ft. **Site 1 of 2 in cluster K**

Relative:
Higher

UST:
Registration: 198914966

Actual:
898 ft.

UST:
Registration: 198914966
Status Description: Regulated tanks - r/f
Type Description: Private/Corporate

Tank Id: 38035
Install Date: 9/1/1962
Status Description: Regulated tanks - r/f
Capacity: 6000
Content Description: Gasoline

ABILD COMPANY INC (Continued) **U003126522**

Registration: 198914966
Tank Id: 38034
Install Date: 9/1/1978
Status Description: Regulated tanks - r/f
Capacity: 8000
Content Description: Gasoline

Registration: 198914966
Tank Id: 38036
Install Date: 9/1/1962
Status Description: Regulated tanks - r/f
Capacity: 2000
Content Description: Diesel

Registration: 198914966
Tank Id: 38033
Install Date: 9/1/1978
Status Description: Regulated tanks - r/f
Capacity: 8000
Content Description: Diesel

HIST UST:

Tank Number:	001
Tank Status:	**Regulated tanks - r/f**
Tank Type:	Commercial
Tank Capacity:	8000
Currently In Use:	No
Tank Material and Construction:	Steel
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported
Site Install Date:	9/1/78 0:00:00
Date Removed:	8/31/90 0:00:00
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	1/1/00 0:00:00
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Not reported
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Yes
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported

ABILD COMPANY INC (Continued) **U003126522**

TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Yes
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Yes
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

Tank Number:	002
Tank Status:	**Regulated tanks - r/f**

ABILD COMPANY INC (Continued) **U003126522**

Tank Type:	Commercial
Tank Capacity:	8000
Currently In Use:	No
Tank Material and Construction:	Steel
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported
Site Install Date:	9/1/78 0:00:00
Date Removed:	8/31/90 0:00:00
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	1/1/00 0:00:00
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Not reported
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Yes
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Yes
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Yes
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported

ABILD COMPANY INC (Continued) **U003126522**

Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

Tank Number:	003
Tank Status:	**Regulated tanks - r/f**
Tank Type:	Commercial
Tank Capacity:	6000
Currently In Use:	No
Tank Material and Construction:	Steel
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported
Site Install Date:	9/1/62 0:00:00
Date Removed:	8/31/90 0:00:00
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	1/1/00 0:00:00
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Not reported
TIP Internal Unknown:	Not reported

ABILD COMPANY INC (Continued) **U003126522**

TIP Internal Other:	Not reported
TEP Asphaltic:	Yes
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Yes
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Yes
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported

ABILD COMPANY INC (Continued) **U003126522**

Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported
Tank Number:	004
Tank Status:	**Regulated tanks - r/f**
Tank Type:	Commercial
Tank Capacity:	2000
Currently In Use:	No
Tank Material and Construction:	Steel
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported
Site Install Date:	9/1/62 0:00:00
Date Removed:	8/31/90 0:00:00
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	1/1/00 0:00:00
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Not reported
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Yes
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Yes
LDS Other:	Not reported

ABILD COMPANY INC (Continued) **U003126522**

Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Yes
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

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K46 **ABILD CO INC** **FINDS 1011291715**
NNE **700 SE ARMY POST ROAD** **N/A**
1/2-1 **DES MOINES, IA 50315**
0.729 mi.
3847 ft. **Site 2 of 2 in cluster K**

Relative:
Higher

Actual:
898 ft.

FINDS:

Registry ID: 110036332518

Environmental Interest/Information System
IDNR-EFD (Iowa Department Of Natural Resources - Emission Factor Documentation) provides information about existing emission factors

L47
NE
1/2-1
0.775 mi.
4093 ft.

HYVEE GAS DES MOINES
1107 SE ARMY POST RD
DES MOINES, IA 50315

Site 1 of 13 in cluster L

FINDS **1011936144**
N/A

Relative: Higher

Actual: 889 ft.

FINDS:

Registry ID: 110037596232

Environmental Interest/Information System

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

L48
NE
1/2-1
0.776 mi.
4097 ft.

MONTGOMERY WARD
1111 E ARMY POST RD
DES MOINES, IA 50315

Site 2 of 13 in cluster L

RCRA-NonGen **1000404463**
FINDS **IAD091376798**
UST
HIST UST

Relative: Higher

Actual: 889 ft.

RCRA-NonGen:

Date form received by agency:	03/28/2006
Facility name:	ADVANCED AUTO PARTS
Facility address:	1111 E ARMY POST RD DES MOINES, IA 50315
EPA ID:	IAD091376798
Mailing address:	E ARMY POST RD DES MOINES, IA 50315
Contact:	Not reported
Contact address:	Not reported Not reported
Contact country:	US
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	07
Land type:	Private
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste:	Unknown
Mixed waste (haz. and radioactive):	Unknown
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	Unknown
Furnace exemption:	Unknown
Used oil fuel burner:	No

MONTGOMERY WARD (Continued) **1000404463**

Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Historical Generators:
Date form received by agency: 06/09/2004
Facility name: ADVANCED AUTO PARTS
Classification: Not a generator, verified

Date form received by agency: 03/05/1997
Facility name: ADVANCED AUTO PARTS
Site name: MONTGOMERY WARD
Classification: Small Quantity Generator

Date form received by agency: 03/04/1997
Facility name: ADVANCED AUTO PARTS
Site name: MONTGOMERY WARD
Classification: Small Quantity Generator

Hazardous Waste Summary:
Waste code: D008
Waste name: LEAD

Facility Has Received Notices of Violations:
Regulation violated: FR - CFR 279.22(d)
Area of violation: Generators - General
Date violation determined: 03/05/1997
Date achieved compliance: 07/27/1997
Violation lead agency: EPA
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 07/10/1997
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - CFR 279.22(c)
Area of violation: Generators - General
Date violation determined: 07/09/1996
Date achieved compliance: 07/10/1996
Violation lead agency: EPA
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 07/09/1996
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

MONTGOMERY WARD (Continued) **1000404463**

Regulation violated: FR - CFR 261.4(b)(13)
Area of violation: Generators - General
Date violation determined: 07/09/1996
Date achieved compliance: 07/10/1996
Violation lead agency: EPA
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 07/09/1996
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - CFR 279.22(d)
Area of violation: Generators - General
Date violation determined: 07/09/1996
Date achieved compliance: 07/10/1996
Violation lead agency: EPA
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 07/09/1996
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 06/09/2004
Evaluation: COMPLIANCE ASSISTANCE VISIT
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

Evaluation date: 03/05/1997
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Generators - General
Date achieved compliance: 07/27/1997
Evaluation lead agency: EPA

Evaluation date: 07/09/1996
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 07/10/1996
Evaluation lead agency: EPA

Evaluation date: 01/17/1994
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA Contractor/Grantee

FINDS:

Registry ID: 110005749020

MONTGOMERY WARD (Continued) **1000404463**

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

IDNR-EFD (Iowa Department Of Natural Resources - Emission Factor Documentation) provides information about existing emission factors

UST:
Registration: 198607780

UST:
Registration: 198607780
Status Description: Regulated tanks - r/f
Type Description: Private/Corporate

Tank Id: 23642
Install Date: 12/1/1977
Status Description: Regulated tanks - r/f
Capacity: 300
Content Description: Other

HIST UST:

Tank Number:	001
Tank Status:	**Regulated tanks - r/f**
Tank Type:	Commercial
Tank Capacity:	300
Currently In Use:	No
Tank Material and Construction:	Steel
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported
Site Install Date:	12/1/77 0:00:00
Date Removed:	3/20/89 0:00:00
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	1/1/00 0:00:00
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Not reported
TIP Internal Unknown:	Not reported
TIP Internal Other:	UNKNOWN
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported

MONTGOMERY WARD (Continued) **1000404463**

TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	UNKNOWN
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Yes
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported

MONTGOMERY WARD (Continued) **1000404463**

Installer Cert. by LUST Board: Not reported
Installation Cert. by LUST Board Cert. Inspector: Not reported

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L49 **TARGET STORE 0803** **RCRA-CESQG** **1009216880**
NE **1111 EAST ARMY POST ROAD STE 2** **IAR000505719**
1/2-1 **DES MOINES, IA 50315**
0.776 mi.
4097 ft. **Site 3 of 13 in cluster L**

Relative: Higher

Actual: 889 ft.

RCRA-CESQG:
Date form received by agency: 01/05/2006
Facility name: TARGET STORE 0803
Facility address: 1111 EAST ARMY POST ROAD STE 2
DES MOINES, IA 50315
EPA ID: IAR000505719
Mailing address: PO BOX 111
MINNEAPOLIS, MN 554401111
Contact: JENNIFER R RYMANOWSKI
Contact address: PO BOX 111
MINNEAPOLIS, MN 554401111
Contact country: Not reported
Contact telephone: (612) 304-4417
Contact email: JENNIFER.RYMANOWSKI@TARGET.COM
EPA Region: 07
Classification: Conditionally Exempt Small Quantity Generator
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:
Owner/operator name: TARGET CORPORATION
Owner/operator address: PO BOX 111
MINNEAPOLIS, MN 55440
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 07/22/1992
Owner/Op end date: Not reported

Owner/operator name: TARGET CORPORATION
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private

TARGET STORE 0803 (Continued) **1009216880**

Owner/Operator Type: Operator
Owner/Op start date: 07/22/1992
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Hazardous Waste Summary:
Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D002
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Waste code: FLUO
Waste name: FLUO

Waste code: UBAT
Waste name: UBAT

Violation Status: No violations found

L50
NE
1/2-1
0.776 mi.
4097 ft.

SEARS ROEBUCK & CO
1111 SOUTHEAST ARMY POST ROAD
DES MOINES, IA 50315

Site 4 of 13 in cluster L

RCRA-CESQG **1000369212**
FINDS **IAD981699291**

Relative:
Higher

Actual:
889 ft.

RCRA-CESQG:

Date form received by agency:	04/02/2007
Facility name:	SEARS ROEBUCK & CO
Facility address:	1111 SE ARMY POST RD DES MOINES, IA 50315
EPA ID:	IAD981699291
Mailing address:	BEVERLY RD A2-238A HOFFMAN ESTATES, IL 60179
Contact:	KATHLEEN M FLAHERTY
Contact address:	BEVERLY RD A2-238A HOFFMAN ESTATES, IL 60179
Contact country:	US
Contact telephone:	847-286-7199
Contact email:	Not reported
EPA Region:	07
Land type:	Private
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name:	SEARS ROEBUCK & CO
Owner/operator address:	Not reported Not reported
Owner/operator country:	US
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	01/01/2000
Owner/Op end date:	Not reported

Owner/operator name:	SEARS ROEBUCK & CO
Owner/operator address:	3333 BEVERLY RD HOFFMAN ESTATES, IL 50179
Owner/operator country:	Not reported
Owner/operator telephone:	(708) 286-8071
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	01/01/0001
Owner/Op end date:	Not reported

SEARS ROEBUCK & CO (Continued) **1000369212**

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Historical Generators:
Date form received by agency: 12/08/2005
Facility name: SEARS ROEBUCK & CO
Site name: SEARS ROEBUCK & CO 2392/6825/7311
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 03/01/2004
Facility name: SEARS ROEBUCK & CO
Site name: SEARS ROEBUCK & CO #2392/6825/7311
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 07/09/1996
Facility name: SEARS ROEBUCK & CO
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 01/17/1994
Facility name: SEARS ROEBUCK & CO
Classification: Conditionally Exempt Small Quantity Generator

Hazardous Waste Summary:
Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D018
Waste name: BENZENE

Waste code: D039
Waste name: TETRACHLOROETHYLENE

Waste code: D040
Waste name: TRICHLOROETHYLENE

SEARS ROEBUCK & CO (Continued) **1000369212**

Waste code: UOIL
Waste name: UOIL

Facility Has Received Notices of Violations:
Regulation violated: FR - CFR 279.22(c)
Area of violation: Generators - General
Date violation determined: 07/09/1996
Date achieved compliance: 07/16/1996
Violation lead agency: EPA
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 07/09/1996
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 12/08/2005
Evaluation: COMPLIANCE ASSISTANCE VISIT
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

Evaluation date: 07/09/1996
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 07/16/1996
Evaluation lead agency: EPA

Evaluation date: 01/19/1994
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA Contractor/Grantee

FINDS:

Registry ID: 110009362652

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

L51 **RITZ CAMERA STORE #409** **RCRA-NonGen** **1000605567**
NE **1111 E ARMY POST RD, STE 412** **FINDS** **IAD984592154**
1/2-1 **DES MOINES, IA 50315**
0.776 mi.
4097 ft. **Site 5 of 13 in cluster L**

Relative:
Higher

Actual:
889 ft.

RCRA-NonGen:

Date form received by agency:	01/19/2005
Facility name:	RITZ CAMERA STORE #409 - FORMER SITE OF
Facility address:	1111 E ARMY POST RD STE 412 DES MOINES, IA 50315
EPA ID:	IAD984592154
Mailing address:	E ARMY POST RD, STE 412 DES MOINES, IA 50315
Contact:	Not reported
Contact address:	Not reported Not reported
Contact country:	US
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	07
Land type:	Facility is not located on Indian land. Additional information is not known.
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No
Off-site waste receiver:	Commercial status unknown

Historical Generators:

Date form received by agency:	03/01/1994
Facility name:	RITZ CAMERA STORE #409 - FORMER SITE OF
Site name:	RITZ CAMERA STORE #409
Classification:	Small Quantity Generator

Date form received by agency:	07/10/1991
Facility name:	RITZ CAMERA STORE #409 - FORMER SITE OF
Site name:	RITZ CAMERA STORE #409
Classification:	Small Quantity Generator

Violation Status: No violations found

Evaluation Action Summary:

Evaluation date:	01/19/2005

RITZ CAMERA STORE #409 (Continued) **1000605567**

Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

Evaluation date: 03/01/1994
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA Contractor/Grantee

FINDS:

Registry ID: 110009363036

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

L52 **TARGET STORE 0803** **FINDS** **1009318118**
NE **1111 EAST ARMY POST ROAD STE 2204** **N/A**
1/2-1 **DES MOINES, IA 50315**
0.776 mi.
4097 ft. **Site 6 of 13 in cluster L**

Relative: Higher

Actual: 889 ft.

FINDS:

Registry ID: 110024442281

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

L53 **WESTERN AUTO SUPPLY CO** **RCRA-CESQG** **1000452026**
NE **1111 E ARMY POST RD** **FINDS** **IAD984571703**
1/2-1 **DES MOINES, IA 50315**
0.776 mi.
4097 ft. **Site 7 of 13 in cluster L**

Relative: Higher

Actual: 889 ft.

RCRA-CESQG:
Date form received by agency: 03/05/1997
Facility name: WESTERN AUTO SUPPLY CO
Facility address: 1111 E ARMY POST RD
DES MOINES, IA 50315
EPA ID: IAD984571703
Mailing address: E ARMY POST RD
DES MOINES, IA 50315

WESTERN AUTO SUPPLY CO (Continued) **1000452026**

Contact: Not reported
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 07
Land type: Private
Classification: Conditionally Exempt Small Quantity Generator
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:
Owner/operator name: SOUTHRIDGE MALL
Owner/operator address: 1111 E ARMY POST RD
DES MOINES, IA 50315
Owner/operator country: Not reported
Owner/operator telephone: (515) 287-3880
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: Unknown
Mixed waste (haz. and radioactive): Unknown
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: Unknown
Furnace exemption: Unknown
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Verified to be non-commercial

Historical Generators:
Date form received by agency: 07/09/1996
Facility name: WESTERN AUTO SUPPLY CO

WESTERN AUTO SUPPLY CO (Continued) **1000452026**

Classification: Conditionally Exempt Small Quantity Generator

Hazardous Waste Summary:
Waste code: D000
Waste name: Not Defined

Waste code: UOIL
Waste name: UOIL

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D002
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Facility Has Received Notices of Violations:
Regulation violated: FR - CFR 279.22(d)
Area of violation: Generators - General
Date violation determined: 03/05/1997
Date achieved compliance: 10/16/1997
Violation lead agency: EPA
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 07/10/1997
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - CFR 261.4(b)(13)
Area of violation: Generators - General
Date violation determined: 07/09/1996
Date achieved compliance: 07/31/1996
Violation lead agency: EPA
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 07/09/1996
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

WESTERN AUTO SUPPLY CO (Continued) **1000452026**

Regulation violated: FR - CFR 279.22(d)
Area of violation: Generators - General
Date violation determined: 07/09/1996
Date achieved compliance: 07/31/1996
Violation lead agency: EPA
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 07/09/1996
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - CFR 279.22(c)
Area of violation: Generators - General
Date violation determined: 07/09/1996
Date achieved compliance: 07/31/1996
Violation lead agency: EPA
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 07/09/1996
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 03/05/1997
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Generators - General
Date achieved compliance: 10/16/1997
Evaluation lead agency: EPA

Evaluation date: 07/09/1996
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 07/31/1996
Evaluation lead agency: EPA

Evaluation date: 08/26/1994
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA Contractor/Grantee

FINDS:

Registry ID: 110009362901

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and

WESTERN AUTO SUPPLY CO (Continued) **1000452026**

corrective action activities required under RCRA.

L54 **HY VEE GAS #5** **UST** **U003986125**
NE **1113 E ARMY POST ROAD** **HIST UST** **N/A**
1/2-1 **DES MOINES, IA 50315**
0.776 mi.
4099 ft. **Site 8 of 13 in cluster L**

Relative: Higher

UST:
Registration: 200400035

Actual: 889 ft.

UST:
Registration: 200400035
Status Description: Regulated tanks - active
Type Description: Private/Corporate

Tank Id: 43868
Install Date: 8/1/2004
Status Description: Regulated tank - active
Capacity: 14000
Content Description: Gasoline

Registration: 200400035
Tank Id: 43869
Install Date: 8/1/2004
Status Description: Regulated tank - active
Capacity: 14000
Content Description: Gasoline

Registration: 200400035
Tank Id: 43868
Install Date: 8/1/2004
Status Description: Regulated tank - active
Capacity: 6000
Content Description: Gasoline

Registration: 200400035
Tank Id: 43867
Install Date: 8/1/2004
Status Description: Regulated tank - active
Capacity: 20000
Content Description: Gasoline

Registration: 200400035
Tank Id: 43869
Install Date: 8/1/2004
Status Description: Regulated tank - active
Capacity: 6000
Content Description: Diesel

HIST UST:
Tank Number: 001
Tank Status: **Regulated tank - active**
Tank Type: Commercial
Tank Capacity: 20000
Currently In Use: Yes
Tank Material and Construction: Double Wall FRP

HY VEE GAS #5 (Continued) **U003986125**

Tank Material and Construction Other:	XERXES
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported
Site Install Date:	8/1/04 0:00:00
Date Removed:	Not reported
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Yes
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Yes
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Yes
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	VEEDER ROOT TLS 350 PLUS
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Not reported
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Yes
PCP Flex Wall:	X
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Yes
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported

HY VEE GAS #5 (Continued) **U003986125**

PLD Automatic Electronic:	Yes
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	VEEDER ROOT TLS 350 PLUS
Spill Protection:	Yes
Catchment Basin Size:	Yes
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Yes
Automatic Shutoff Device:	Yes
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Yes
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Yes
Tanks/Pipes Tested for leaks during/after Install:	Yes
Other Installation:	Not reported
Installer Cert. by LUST Board:	X
Installation Cert. by LUST Board Cert. Inspector:	X

Tank Number:	002
Tank Status:	**Regulated tank - active**
Tank Type:	Commercial
Tank Capacity:	0
Currently In Use:	Yes
Tank Material and Construction:	Double Wall FRP
Tank Material and Construction Other:	XERXES
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported
Site Install Date:	8/1/04 0:00:00
Date Removed:	Not reported
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	Yes
Compartment Capacity:	14000
Compartment 1 Contents:	Gasoline
Compartment 1 Case:	Not reported
Compartment 2 Capacity:	6000
Compartment 2 Contents:	Gasoline
Compartment 2 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Yes
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported

HY VEE GAS #5 (Continued) **U003986125**

TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Yes
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Yes
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	VEEDER ROOT TLS 350 PLUS
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Not reported
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Yes
PCP Flex Wall:	X
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Yes
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Yes
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	VEEDER ROOT TLS 350 PLUS
Spill Protection:	Yes
Catchment Basin Size:	Yes
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Yes
Automatic Shutoff Device:	Yes
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Yes
Installation Cert. by Professional Engineers:	Not reported

HY VEE GAS #5 (Continued) **U003986125**

Manufacturer Checklist Completed:	Yes
Tanks/Pipes Tested for leaks during/after Install:	Yes
Other Installation:	Not reported
Installer Cert. by LUST Board:	X
Installation Cert. by LUST Board Cert. Inspector:	X
Tank Number:	003
Tank Status:	**Regulated tank - active**
Tank Type:	Commercial
Tank Capacity:	0
Currently In Use:	Yes
Tank Material and Construction:	Double Wall FRP
Tank Material and Construction Other:	XERXES
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported
Site Install Date:	8/1/04 0:00:00
Date Removed:	Not reported
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	Yes
Compartment Capacity:	14000
Compartment 1 Contents:	Gasoline
Compartment 1 Case:	Not reported
Compartment 2 Capacity:	6000
Compartment 2 Contents:	Deisel
Compartment 2 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Yes
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Yes
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Yes
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported

HY VEE GAS #5 (Continued) **U003986125**

LDS None:	Not reported
LDS Other:	VEEDER ROOT TLS 350 PLUS
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Not reported
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Yes
PCP Flex Wall:	X
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Yes
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Yes
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	VEEDER ROOT TLS 350 PLUS
Spill Protection:	Yes
Catchment Basin Size:	Yes
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Yes
Automatic Shutoff Device:	Yes
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Yes
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Yes
Tanks/Pipes Tested for leaks during/after Install:	Yes
Other Installation:	Not reported
Installer Cert. by LUST Board:	X
Installation Cert. by LUST Board Cert. Inspector:	X

L55 **HY VEE GAS #1151** **FINDS 1011286340**
NE **1113 E ARMY POST ROAD** **N/A**
1/2-1 **DES MOINES, IA 50315**
0.776 mi.
4099 ft. **Site 9 of 13 in cluster L**

Relative: Higher

FINDS:

Registry ID: 110036219918

Actual: 889 ft.

Environmental Interest/Information System
IDNR-EFD (Iowa Department Of Natural Resources - Emission Factor Documentation) provides information about existing emission factors

56
SSW
1/2-1
0.787 mi.
4156 ft.

131 MARLOO PARKWAY
DES MOINES, IA

SPILLS **S105272083**
N/A

Relative:
Higher

Actual:
921 ft.

SPILL:

Facility ID:	050500-CWO-1030
Reported Date:	5/5/2000
Reported Time:	10:30:00 AM
Taken By:	Clark Ott
Spill Date:	5/5/2000
Spill Time:	10:25:00 AM
6 hr Letter:	FALSE
Continuous Release:	FALSE
Incident Location:	Not reported
Incident Mode:	Transportation
Incident Type:	Fertilizer/Pesticide
Incident Medium Land:	TRUE
Incident Medium Water:	FALSE
Incident Medium Air:	FALSE
Initial Instructions:	Material was picked up with hazorb pillows. Soap and water was being brought to the scene to scrub the area. Material will be picked up with the pillows. This is the second time that an unexplained opening of this valve has happened to this operator.
Events:	Operator accidentally opened a valve which overfilled a tank. The operator is not sure how it occurred. Incident occurred wholly on the street. No storm sewers or soil was involved.

L57
NE
1/2-1
0.800 mi.
4224 ft.

K MART #3300
1200 SE ARMY POST RD
DES MOINES, IA 50315

Site 10 of 13 in cluster L

UST **U001726111**
HIST UST **N/A**

Relative:
Higher

Actual:
898 ft.

UST:

Registration:	198606018

UST:

Registration:	198606018
Status Description:	Regulated tanks - r/f
Type Description:	Private/Corporate
Tank Id:	17503
Install Date:	3/1/1976
Status Description:	Regulated tanks - r/f
Capacity:	1000
Content Description:	Used Oil

HIST UST:

Tank Number:	001
Tank Status:	**Regulated tanks - r/f**
Tank Type:	Commercial
Tank Capacity:	1000
Currently In Use:	No
Tank Material and Construction:	Steel
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported

K MART #3300 (Continued) **U001726111**

Site Install Date:	3/1/76 0:00:00
Date Removed:	4/30/90 0:00:00
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	1/1/00 0:00:00
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Yes
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Yes
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Yes
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported

K MART #3300 (Continued) **U001726111**

Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

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L58 **K MART #3300** **RCRA-NonGen** **1000606183**
NE **1200 SE ARMY POST RD** **FINDS** **IAD984598672**
1/2-1 **DES MOINES, IA 50315**
0.800 mi.
4224 ft. **Site 11 of 13 in cluster L**

Relative:
Higher

Actual:
898 ft.

RCRA-NonGen:

Date form received by agency:	02/12/1996
Facility name:	KMART #3300-FORMER SITE OF
Facility address:	1200 SE ARMY POST RD DES MOINES, IA 50315
EPA ID:	IAD984598672
Mailing address:	SE ARMY POST RD DES MOINES, IA 50315
Contact:	S P HUHTALA
Contact address:	1200 SE ARMY POST RD DES MOINES, IA 50315
Contact country:	US
Contact telephone:	(515) 287-3270
Contact email:	Not reported
EPA Region:	07
Land type:	Private
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	SPATZ & CO
Owner/operator address:	104 WILMOT RD DEERFIELD, IL 60015
Owner/operator country:	Not reported
Owner/operator telephone:	(312) 940-7900
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported

K MART #3300 (Continued) **1000606183**

Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): Unknown
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Verified to be non-commercial

Historical Generators:
Date form received by agency: 01/19/1994
Facility name: KMART #3300-FORMER SITE OF
Classification: Small Quantity Generator

Hazardous Waste Summary:
Waste code: D000
Waste name: Not Defined

Waste code: UOIL
Waste name: UOIL

Waste code: NONE
Waste name: None

Facility Has Received Notices of Violations:
Regulation violated: FR - CFR 279.22(c)
Area of violation: Generators - General
Date violation determined: 08/14/1995
Date achieved compliance: 01/29/1996
Violation lead agency: EPA
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 01/29/1996
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - CFR 279.22(d)
Area of violation: Generators - General
Date violation determined: 08/14/1995
Date achieved compliance: 01/29/1996
Violation lead agency: EPA

K MART #3300 (Continued) **1000606183**

Enforcement action: WRITTEN INFORMAL
Enforcement action date: 01/29/1996
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 08/14/1995
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 01/29/1996
Evaluation lead agency: EPA

Evaluation date: 01/19/1994
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA Contractor/Grantee

FINDS:

Registry ID: 110005764878

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

IDNR-EFD (Iowa Department Of Natural Resources - Emission Factor Documentation) provides information about existing emission factors

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59
West
1/2-1
0.813 mi.
4290 ft.

Relative:
Higher

Actual:
881 ft.

BLANK PARK ZOO - PARKING LOT **RCRA-NonGen** **1004691230**
7401 SW 9TH ST **FINDS** **IAP000001575**
DES MOINES, IA 50317

RCRA-NonGen:
Date form received by agency: 01/18/2000
Facility name: BLANK PARK ZOO - PARKING LOT
Facility address: 7401 SW 9TH ST
DES MOINES, IA 50317
EPA ID: IAP000001575
Mailing address: PO BOX 13287
FORT CROOK AREA OFFICE
OFFUTT AFB, NE 68113
Contact: Not reported
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: Not reported

BLANK PARK ZOO - PARKING LOT (Continued) **1004691230**

Contact email: Not reported
EPA Region: 07
Land type: Municipal
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: CITY OF DES MOINES
Owner/operator address: CITY HALL
DES MOINES, IA 50309
Owner/operator country: Not reported
Owner/operator telephone: 515
Legal status: Municipal
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: Unknown
Mixed waste (haz. and radioactive): Unknown
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: Unknown
Furnace exemption: Unknown
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Verified to be non-commercial

Historical Generators:
Date form received by agency: 01/12/2000
Facility name: BLANK PARK ZOO - PARKING LOT
Classification: Not a generator, verified

Hazardous Waste Summary:
Waste code: NONE
Waste name: None

Waste code: NONE
Waste name: None

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 01/18/2000
Evaluation: COMPLIANCE ASSISTANCE VISIT
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

BLANK PARK ZOO - PARKING LOT (Continued) **1004691230**

FINDS:

Registry ID: 110005772262

Environmental Interest/Information System

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

L60 **FABRIC CARE CENTER INC - FSO** **RCRA-NonGen** **1000358354**
NE **1300 E ARMY POST RD** **FINDS** **IAD981698368**
1/2-1 **DES MOINES, IA 50315**
0.822 mi.
4340 ft. **Site 12 of 13 in cluster L**

Relative:
Higher

Actual:
898 ft.

RCRA-NonGen:

Date form received by agency:	09/08/2005
Facility name:	FABRIC CARE CENTER INC - FSO
Facility address:	1300 E ARMY POST RD DES MOINES, IA 50315
EPA ID:	IAD981698368
Mailing address:	E ARMY POST RD DES MOINES, IA 50315
Contact:	DARRELL WISE
Contact address:	1300 E ARMY POST RD DES MOINES, IA 50315
Contact country:	US
Contact telephone:	(515) 278-5114
Contact email:	Not reported
EPA Region:	07
Land type:	Private
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	D W WISE INC
Owner/operator address:	3829 79TH URBANDALE, IA 50322
Owner/operator country:	Not reported
Owner/operator telephone:	(515) 278-5114
Legal status:	Private

FABRIC CARE CENTER INC - FSO (Continued) **1000358354**

Owner/Operator Type: Owner
Owner/Op start date: 01/01/0001
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Historical Generators:
Date form received by agency: 02/14/1994
Facility name: FABRIC CARE CENTER INC - FSO
Site name: FABRIC CARE CENTER INC
Classification: Small Quantity Generator

Date form received by agency: 02/07/1994
Facility name: FABRIC CARE CENTER INC - FSO
Site name: FABRIC CARE CENTER INC
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 02/07/1994
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA Contractor/Grantee

FINDS:

Registry ID: 110001327252

Environmental Interest/Information System
AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major

FABRIC CARE CENTER INC - FSO (Continued) **1000358354**

redesign to support facility operating permits required under Title V of the Clean Air Act.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

L61 **SOUTHRIDGE SQUARE** **ALLSITES** **S108939196**
NE **1300 EAST ARMY POST ROAD** **VCP** **N/A**
1/2-1 **DES MOINES, IA 50315**
0.822 mi.
4340 ft. **Site 13 of 13 in cluster L**

Relative: Higher

Actual: 898 ft.

ALLSITES:
Site Id Number: 1187
Project Manager: Hylton Jackson
Ownership Type: Private
Status: Open
Origin: Notified by LRP Applicant
Program: Land Recycling Program
Site Type: Dry Cleaner

VCP:
Facility ID: 1187
Site Type: Dry Cleaner
Status: Open
Origin: Notified by LRP Applicant
Program: Land Recycling Program

M62 **ARTCRAFT INC** **FINDS** **1007142501**
East **7401 HWY 65/69** **N/A**
1/2-1 **DES MOINES, IA 50320**
0.824 mi.
4353 ft. **Site 1 of 2 in cluster M**

Relative: Higher

Actual: 913 ft.

FINDS:

Registry ID: 110015908927

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

M63 **ARTCRAFT INC** **RCRA-SQG** **1007092556**
East **7401 HWY 65/69** **IAR000501544**
1/2-1 **DES MOINES, IA 50320**
0.824 mi.
4353 ft. **Site 2 of 2 in cluster M**

Relative:
Higher

Actual:
913 ft.

RCRA-SQG:

Date form received by agency:	12/30/2002
Facility name:	ARTCRAFT INC
Facility address:	7401 HWY 65/69 DES MOINES, IA 50320
EPA ID:	IAR000501544
Mailing address:	PO BOX 35063 DES MOINES, IA 50320
Contact:	JOHN E POLZIN
Contact address:	PO BOX 35063 DES MOINES, IA 50320
Contact country:	US
Contact telephone:	(515) 285-3550
Contact email:	Not reported
EPA Region:	07
Land type:	Private
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	ARTCRAFT INC
Owner/operator address:	PO BOX 35063 DES MOINES, IA 50320
Owner/operator country:	Not reported
Owner/operator telephone:	(515) 285-3550
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	01/01/0001
Owner/Op end date:	Not reported

Owner/operator name:	JOHN E POLZIN
Owner/operator address:	7401 HWY 65/69 DES MOINES, IA 50320
Owner/operator country:	US
Owner/operator telephone:	(515) 285-3550
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	12/30/2002
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	Unknown
Mixed waste (haz. and radioactive):	Unknown
Recycler of hazardous waste:	Unknown
Transporter of hazardous waste:	Unknown
Treater, storer or disposer of HW:	Unknown
Underground injection activity:	Unknown
On-site burner exemption:	Unknown

ARTCRAFT INC (Continued) **1007092556**

Furnace exemption: Unknown
Used oil fuel burner: Unknown
Used oil processor: Unknown
User oil refiner: Unknown
Used oil fuel marketer to burner: Unknown
Used oil Specification marketer: Unknown
Used oil transfer facility: Unknown
Used oil transporter: Unknown
Off-site waste receiver: Commercial status unknown

Historical Generators:
Date form received by agency: 10/23/2002
Facility name: ARTCRAFT INC
Classification: Small Quantity Generator

Hazardous Waste Summary:
Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Facility Has Received Notices of Violations:
Regulation violated: FR - 262.20
Area of violation: Generators - General
Date violation determined: 08/27/2003
Date achieved compliance: 10/01/2003
Violation lead agency: EPA
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 10/01/2003
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.34(c)(1)(ii)
Area of violation: Generators - General
Date violation determined: 08/27/2003
Date achieved compliance: 10/01/2003
Violation lead agency: EPA
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 10/01/2003

ARTCRAFT INC (Continued) **1007092556**

Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 08/27/2003
Evaluation: FOLLOW-UP INSPECTION
Area of violation: Generators - General
Date achieved compliance: 10/01/2003
Evaluation lead agency: EPA

Evaluation date: 12/30/2002
Evaluation: COMPLIANCE ASSISTANCE VISIT
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

N64
NW
1/2-1
0.827 mi.
4368 ft.

500 ARMY POST RD, SUITE 17 **ERNS** **99616210**
500 ARMY POST RD, SUITE 17 **N/A**
DES MOINES, IA 50315

Site 1 of 3 in cluster N

Relative: Higher

Actual: 934 ft.

Click this hyperlink while viewing on your computer to access additional ERNS detail in the EDR Site Report.

N65
NW
1/2-1
0.827 mi.
4368 ft.

500 ARMY POST RD., DES MOINES **SPILLS** **S105273464**
DES MOINES, IA **N/A**

Site 2 of 3 in cluster N

Relative: Higher

Actual: 934 ft.

SPILL:
Facility ID: 082901-DLP-1902
Reported Date: 8/29/2001
Reported Time: 7:02:00 PM
Taken By: Dave Perry
Spill Date: 8/29/2001
Spill Time: 6:30:00 PM
6 hr Letter: FALSE
Continuous Release: FALSE
Incident Location: Not reported
Incident Mode: Dumping
Incident Type: Acids/Bases
Incident Medium Land: TRUE
Incident Medium Water: FALSE
Incident Medium Air: FALSE
Initial Instructions: Des Moines HazMat responded, neutralizing the spilled product and washed down the inert residual. The remaining products were pulled out and isolated. The owner of the property: Belecher & Long Corp. was contacted (1800 Grand Ave., W. Des Moines 50265)
Events: Unknown dumping of various chemical containers into a dumpster. One of the containers was ruptured by other debris in the dumpster resulting in the spillage of a reported 15 - 25 gallons of HCL onto

(Continued) **S105273464**

the pavement.

N66 **500 ARMY POST RD SUITE 17** **ERNS** **99610039**
NW **500 ARMY POST RD SUITE 17** **N/A**
1/2-1 **DES MOINES, IA 50315**
0.827 mi.
4368 ft. **Site 3 of 3 in cluster N**

Relative:
Higher

Click this hyperlink while viewing on your computer to access additional ERNS detail in the EDR Site Report.

Actual:
934 ft.

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67 **DOT OPS** **1009648729**
NNW **6208 S.E. 2ND STREET** **N/A**
1/2-1 **DES MOINES, IA 00000**
0.833 mi.
4399 ft.

Relative:
Higher

Actual:
924 ft.

DOT OPS:

Report ID:	1821184
Facility name:	Not reported
Address:	6208 S.E. 2ND STREET DES MOINES, IA 00000
Latitude:	Not reported
Longitude:	Not reported
EDR type:	NATURAL GAS DISTRIBUTION
Cause of incident:	DAMAGE BY OUTSIDE FORCES
Operator code:	8240
Operator name:	IOWA ELECTRIC LIGHT & POWER CO
Incident address:	6208 S.E. 2ND STREET DES MOINES, IA 00000
Incident county:	POLK
Incident congressional district:	Not reported
Incident date:	19820728
Detection time:	1255
Stoppage hours:	1
Stoppage minutes:	0
Estimated pressure at incident time:	4.00
Max. allowable operating preassure:	10.00
Part of operation that failed:	SERVICE
Part of operation other comment:	Not reported
Part of system that failed:	TAP CONNECTION
Part of system other comment:	Not reported
Year oart installed:	1968
Where leak originated:	BASE MATERIAL FRACTURE
Leak other comment:	Not reported
Real nominal pipe diameter:	0.000
Pipe wall thickness (inches):	0.000
Pipe specifications:	Not reported
Pipe grade:	Not reported
Type of repair done:	REPLACE PIPE
Type other comment:	Not reported
Length of replaced pipe:	32.00
Component replaced/reconditioned:	REPLACED
Component other comment:	Not reported
Employee fatalities:	0
Employees injured:	0

(Continued) **1009648729**

Non-empl. fatalities:	0
Non-empl. inured:	2
Did a rupture occur:	YES
Did gas ignite:	YES
Did an explosion occur:	NO
Secondary fires/explosions:	NO
Operator property damage:	125
Structure adjacent to leak:	RESIDENTIAL SINGLE-STORY
Structure other comment:	Not reported
Dist. to nearest structure:	25
Underground facility involved:	YES
Underground facility other comment:	TELEPHONE FAILURE
Any utilities affected:	YES
Dist. of other gas fac. contributing:	0
Dist. of other gas fac. impaired:	0
Dist. of telephone fac. contributing:	1
Dist. of telephone fac. impaired:	1
Dist. of electric fac. contributing:	0
Dist. of electric fac. impaired:	0
Dist. of storm sewer fac. contributing:	0
Dist. of storm sewer fac. impaired:	0
Dist. of other sewer fac. contributing:	0
Dist. of other sewer fac. impaired:	0
Dist. of water fac. contributing:	0
Dist. of water fac. impaired:	0
Dist. of other fac. contributing:	0
Other fac. contributing:	Not reported
Dist. of other fac. impaired:	0
Other facility impaired:	Not reported
Location of leak or failure:	BELOW ROAD (UNPAVED)
Location other comment:	Not reported
Cover depth:	47
Soil at pipe depth:	SOIL
Soil temperature at soil leak:	065
Report by:	AGENCY CAUSING DAMAGE
Report other comment:	Not reported
Cause of Corrosion:	NO DATA
Cause of Corrosion Other:	Not reported
Coating:	NO DATA
Operator rec prior notification of excavation:	YES
Notification Date:	19820727
Notification Hr:	1033
Was pipeline marked:	YES
Type mark:	OTHER
Type mark other:	TEMP FLAGS
Stat Req mark:	NO
damerthmve:	Not reported
damerthmo:	Not reported
emcoth:	NO
emcothdesc:	Not reported
causlkcons:	Not reported
steel_clas:	NO DATA
Plastic:	NO DATA
plastreinf:	NO
castiron:	NO DATA
othmat:	Not reported
intialtest:	Not reported

(Continued) **1009648729**

tstmedinit:	NO DATA
tstmedioth:	Not reported
inittstyr:	0
mintstpres:	0.00
tmehldpres:	0
presslkini:	0
subseqtst:	Not reported
tstmedsubs:	NO DATA
tstmsubot:	Not reported
subseqtyr:	0
mintstpsub:	0.00
thpresssub:	0
presslksub:	0

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68 **PRIVATE RESIDENCE OF PAMELA EATON** **RCRA-NonGen** **1004690191**
NNE **6108 SE 5TH ST** **FINDS** **IAD981509391**
1/2-1 **DES MOINES, IA 50315**
0.850 mi.
4487 ft.

Relative:
Higher

Actual:
929 ft.

RCRA-NonGen:

Date form received by agency:	01/18/1994
Facility name:	PRIVATE RESIDENCE OF PAMELA EATON
Facility address:	6108 SE 5TH ST DES MOINES, IA 50315
EPA ID:	IAD981509391
Mailing address:	SE 5TH ST DES MOINES, IA 50315
Contact:	PAMELA EATON
Contact address:	6108 SE 5TH ST DES MOINES, IA 50315
Contact country:	US
Contact telephone:	(515) 285-5436
Contact email:	Not reported
EPA Region:	07
Land type:	Private
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	PAMELA EATON
Owner/operator address:	6108 SE 5TH ST DES MOINES, IA 50315
Owner/operator country:	Not reported
Owner/operator telephone:	(515) 285-5436
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	Unknown
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No

PRIVATE RESIDENCE OF PAMELA EATON (Continued) **1004690191**

On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Verified to be non-commercial

Historical Generators:
Date form received by agency: 01/18/1994
Facility name: PRIVATE RESIDENCE OF PAMELA EATON
Classification: Not a generator, verified

Hazardous Waste Summary:
Waste code: NONE
Waste name: None

Waste code: NONE
Waste name: None

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 01/18/1994
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA Contractor/Grantee

FINDS:

Registry ID: 110005757127

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

O69 **GIT-N-GO** **HIST UST** **U003935618**
NE **6501 SE 14TH (#18)** **N/A**
1/2-1 **DES MOINES, IA 50320**
0.867 mi.
4576 ft. **Site 1 of 4 in cluster O**

Relative:
Higher

Actual:
922 ft.

HIST UST:
Tank Number: 001
Tank Status: **Regulated tank - active**
Tank Type: Commercial
Tank Capacity: 10000
Currently In Use: Yes

GIT-N-GO (Continued) **U003935618**

Tank Material and Construction:	FRP
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported
Site Install Date:	11/1/88 0:00:00
Date Removed:	Not reported
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Yes
TIP Internal Unknown:	Not reported
TIP Internal Other:	FRP
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Yes
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Yes
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	VEEDER ROOT TLS-250
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Not reported
PCP Fiberglass Reinforced Plastic:	Yes
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Yes
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported

GIT-N-GO (Continued) **U003935618**

PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Yes
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Yes
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	RED JACKET RLM 4000, INT. MON.
Spill Protection:	Yes
Catchment Basin Size:	2
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Yes
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Yes
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Yes
Manufacturer Checklist Completed:	Yes
Tanks/Pipes Tested for leaks during/after Install:	Yes
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

Tank Number:	002
Tank Status:	**Regulated tank - active**
Tank Type:	Commercial
Tank Capacity:	10000
Currently In Use:	Yes
Tank Material and Construction:	FRP
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported
Site Install Date:	11/1/88 0:00:00
Date Removed:	Not reported
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Yes
TIP Internal Unknown:	Not reported
TIP Internal Other:	FRP
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported

GIT-N-GO (Continued) **U003935618**

TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Yes
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Yes
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	VEEDER-ROOT TLS-25O
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Not reported
PCP Fiberglass Reinforced Plastic:	Yes
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Yes
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Yes
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Yes
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	RED JACKET RLM 4000, INT. MON.
Spill Protection:	Yes
Catchment Basin Size:	2
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Yes
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Yes
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Yes
Manufacturer Checklist Completed:	Yes
Tanks/Pipes Tested for leaks during/after Install:	Yes

GIT-N-GO (Continued) **U003935618**

Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported
Tank Number:	003
Tank Status:	**Regulated tank - active**
Tank Type:	Commercial
Tank Capacity:	10000
Currently In Use:	Yes
Tank Material and Construction:	FRP
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported
Site Install Date:	11/1/88 0:00:00
Date Removed:	Not reported
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Not reported
TIP Internal Unknown:	Not reported
TIP Internal Other:	FRP
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Yes
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Yes
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	VEEDER ROOT TLS-250
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Not reported

GIT-N-GO (Continued) **U003935618**

PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Yes
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Yes
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Yes
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Yes
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	RED JACKET RLM 4000, INT. MON.
Spill Protection:	Yes
Catchment Basin Size:	2
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Yes
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Yes
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Yes
Manufacturer Checklist Completed:	Yes
Tanks/Pipes Tested for leaks during/after Install:	Yes
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

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O70 **GIT-N-GO** **FINDS** **1011287833**
NE **6501 SE 14TH (#18)** **N/A**
1/2-1 **DES MOINES, IA 50320**
0.867 mi.
4576 ft. **Site 2 of 4 in cluster O**

Relative: Higher

Actual: 922 ft.

FINDS:

Registry ID: 110036254987

Environmental Interest/Information System
IDNR-EFD (Iowa Department Of Natural Resources - Emission Factor Documentation) provides information about existing emission factors

O71 **GIT-N-GO** **LUST** **U001871286**
NE **6501 SE 14TH (#18)** **HIST LUST** **N/A**
1/2-1 **DES MOINES, IA 50320**
0.867 mi.
4576 ft. **Site 3 of 4 in cluster O**

Relative:
Higher

Actual:
922 ft.

LUST:

Registration:	198811888
Leak Number:	9LTJ46
Date Reported:	8/17/2000
Date Cleanup Started:	11/19/2001
Date Cleanup Completed:	2/4/2002
Record Description:	No Action Required
Product Description:	Gasoline

HIST LUST:

Facility ID:	198811888
Leak Number:	9LTJ46
Leak Entry Date:	02/16/01
Spill Number:	Not reported
Occur Date:	Not reported
Occur Time:	Not reported
Discover Date:	6/30/2000 0:00
Discover Time:	Not reported
Facility Addr 2:	Not reported
Facility Phone:	Not reported
Facility Fax1:	Not reported
Facility Fax2:	Not reported
Owner Name:	GIT-N-GO CONVENIENCE STORES INC
Owner Type:	Private/Corporate
Owner Addr:	2716 INDIANOLA AVENUE
Owner City,St,Zip:	DES MOINES, IA 503150000
Owner Phone:	5152888565
Owner Fax:	Not reported
Lead:	P
Coordinator:	ERD
Staff Initials:	ERD
Leak Contact:	PETE KLINDT
Leak Address:	GIT-N-GO CONVENIENCE
Leak Address 2:	2716 INDIANOLA AVE
Leak City,St,Zip:	DES MOINES, IA 50315
Leak Phone:	5152888565
Record Name:	ELAINE DOUSKEY
Record Date:	2/16/2001 0:00
Record Location:	Lust
Reporter Name:	BILL GIBBONS
Reporter Business:	FO #5
Reporter Date:	08/17/00
Reporter Addr:	Not reported
Rprtr City,St,Zip:	0
Reporter Phone:	0
Responsible Party:	PETER KLINDT
RP Company:	GIT-N-GO CONVENIENCE STORE
RP Address:	2716 INDIANOLA AVE
RP City,St,Zip:	DES MOINES, IA 50315
RP Phone:	5152888565
RP Ext:	Not reported
RP Fax:	Not reported
ER Date:	Not reported

GIT-N-GO (Continued) **U001871286**

Delete:	No
Ground Water Professional ID:	1519
Ground Water Professional Due Date:	03/19/01
Ground Water Professional Received Date:	03/29/01
Corrective Action Design Report Id:	1577
Corrective Action Design Due Date:	Not reported
Corrective Action Design Record Date:	10/24/01

IA Hist Lust Status:

ID:	5864
Site Leak Number:	9LTJ46
Discovered During:	S
Tanks Removed:	Not reported
Leak Cause:	Not reported
Gas:	Yes
Diesel:	Not reported
Oil:	Not reported
Kerosene:	Not reported
Released Fuel Oil:	Not reported
Released Hydraulic Oil:	Not reported
Released Other Petroleum:	Not reported
Released Unknown:	Not reported
Released Non_Petroleum Chemical:	Not reported
Gallons Released:	UNKNOWN
Leak Status:	Unknown
Loc Soil:	Not reported
Loc Ground Water:	Not reported
Loc Surface Water:	Not reported
Loc Water Supply:	Not reported
Res Public Water Supply:	Not reported
Resources Water Well:	Not reported
Res Actual Drinking WW:	Not reported
Res Non-Drink WW:	Not reported
respotprtg:	Not reported
ressoil:	Not reported
Res Ground Water:	Not reported
Res Surface Water:	Not reported
Res Toxic Vapor:	Not reported
Res Explosive Vapor:	Not reported
Res Other:	Not reported
Res Impacted Soil:	Not reported
Res Impacted Ground Water:	Yes
Res Impacted Water Well:	Not reported
Res Impacted Pub Water Supply:	Not reported
Res Impacted Surface Water:	Not reported
Res Impacted Toxic Vapor:	Not reported
Res Impacted Explosive Vapor:	Not reported
Res Impacted Other:	Not reported
Res Impacted Drinking WW:	Not reported
Res Impacted Non-Drink WW:	Not reported
Res Impacted Potential Non Drink WW:	Not reported
Officials Onsite Health:	Not reported
Officials Onsite Fire:	Not reported
Officials Onsite Law:	Not reported
Officials Onsite Civil:	Not reported
Officials Onsite None:	Not reported
Officials Onsite Unknown:	Not reported
Officials Onsite Other:	Not reported

GIT-N-GO (Continued) **U001871286**

AST: Not reported
UST/LUST Other: Not reported
Delete: No

IA Hist Lust Cause:
Release Cause: Not reported

IA Hist Lust Groundwater:
Groundwater Prof. Applicant Id Num.: 1519
Groundwater Pro. App. Last Name: SHETYE
Groundwater Pro. App. First Name: UMESH
Groundwater Pro. Firm: MPS ENGINEERS
Groundwater Pro. Address: 4949 WESTOWN #165-126
Groundwater Pro. Address 2: Not reported
Groundwater Pro. City: WEST DES MOINES
Groundwater Pro. State: IA
Groundwater Pro. Zip Code: -50266
Groundwater Pro. Tele: 5152219832
Groundwater Pro. Fax: Not reported
Groundwater Pro. Email: ushetye7@hotmail.com
Groundwater Pro. Exp. Of Gwp Cert.: 12/31/2007 0:00
Is The Gwp Certified?: Yes
Is Gwp Cert. For Cadr?: Yes

IA Hist Lust Misc:
Misc Due Date: Not reported
Misc Rec Date: 10/24/01 0:00:00
Misc Other: Not reported
Misc Title: MTBE WORKSHEET & DISK

IA Hist Lust Site Monitoring Report:
Site Monitoring Report Due Date: Not reported
Site Monitoring Report Rec Date: 2/8/02 0:00:00
Site Monitoring Report Reg Date: Not reported
Site Monitoring Report Rejected Date: Not reported
Site Monitoring Report Type: L
Reclassification Request Type: NFA
Site Monitoring Report Revd By: Not reported
GW professional ID: Not reported

IA Hist Lust Remediation:
Heat Treatment: Not reported
Land Application: Not reported
On Site: Not reported
Achieved Over-Excavation: Not reported
Soil Venting Passive: Not reported
Soil Venting Active: Not reported
Bioremediation Passive: Not reported
Bioremediation Active: Not reported
In Situ GW Treatment - Air Sparging: Not reported
Ground Water: Not reported
Fresh Water: Not reported
IGT - pH Adjustment: Not reported
Nutrient: Not reported
Oxygen: Not reported
Biological: Not reported
Permit Date: Not reported

GIT-N-GO (Continued) **U001871286**

Other:	Not reported
Surface Treatment - Carbon Absorption:	Not reported
Biological:	Not reported
ST Other:	Not reported
TDT Sanitary Sewer:	Not reported
TDT Storm Sewer:	Not reported
Stream:	Not reported
TDT Other:	Not reported
Reduced Risk Plugged Well:	Not reported
RR Replace:	Not reported
RR Relocate:	Not reported
RR Other:	Not reported
Delete:	Not reported

IA Hist Lust Free Product Recovery:

FPR Report Assesment Due:	Not reported
FPR Report Received:	Not reported
FPR Report Accepted:	Not reported
FPR Report Rejected:	Not reported
FPR Report Revised:	Not reported

IA Hist Lust Corrective Action Design Report:

Corrective Action Design Record Date:	Not reported
Corrective Action Design Received:	Not reported
Corrective Action Design Accepted:	Not reported
Corrective Action Design Rejected:	Not reported
Revised Report Received:	Not reported

IA Hist Lust Tier 1 Report:

T1 Assesment Due:	Not reported
T1 Received:	Not reported
Tier 1 Consultant Recommends:	Not reported
T1 Accepted:	Not reported
T1 Rejected:	Not reported
T1 Revised:	Not reported
T1 Reviewed:	Not reported

IA Hist Lust Tier 2 Report:

T2 Assesment Due:	12/15/01 0:00:00
T2 Received:	10/24/01 0:00:00
T2 Accepted:	11/19/01 0:00:00
T2 Rejected:	Not reported
T2 Reviewed:	ERD

IA Hist Lust Tier 3 Report:

T3 Assesment Due:	Not reported
T3 Received:	Not reported
T3 Accepted:	Not reported
T3 Rejected:	Not reported

IA Hist Lust Administration:

ID:	5867
Owner Identified:	Yes
Responsible Party Found:	Yes

GIT-N-GO (Continued) **U001871286**

RP Date:	Not reported
Owner Broke:	No
ER Date:	Not reported
Cost Recovery Start Dt:	Not reported
CR Notice of Intent Dt:	Not reported
CR Appeal of NOI Dt:	Not reported
CR Final Decision Dt:	Not reported
CR EP Comm Lien Approval Dt:	Not reported
CR Lien:	Not reported
CR Ten Yr Renewal Dt:	Not reported
CR Lien Named:	No
crtyrdate:	Not reported
CR Remediation:	Not reported
Delete:	No
CR Amnt Received:	$0.00
CR End Date:	Not reported

IA Hist Lust 28E:

Counter:	Not reported
Staff Initials:	Not reported
Type:	Not reported
County:	Not reported
Part Of State:	Not reported
Priority Number:	Not reported
Reason:	Not reported
Responsible Party:	Not reported
rfpno:	Not reported
Removed:	Not reported
Date Removed:	Not reported
Field Office:	Not reported
Newlist:	Not reported
State Lead:	Not reported
Access Letter Mailed:	Not reported
Owner Signed Access:	Not reported
Signed Access to Contractor:	Not reported
Contractor Signed Access:	Not reported
Final Access Mailed:	Not reported
nfr:	Not reported
Start Date:	Not reported

IA Hist Lust AO:

Seq Number:	Not reported
Distribution:	Not reported
UST/LUST Other:	Not reported
Order Type:	Not reported
Legal Ref Start:	Not reported
Division ADM Date:	Not reported
CE Bureau Date:	Not reported
AO Issue Date:	Not reported
AO Number:	Not reported
Name Of Parties:	Not reported
Penalty Due Date:	Not reported
Penalty Amount:	Not reported
Penalty Paid Date:	Not reported
Penalty Amount Paid:	Not reported
AO Appeal Date:	Not reported

GIT-N-GO (Continued) **U001871286**

ALJ Decision Date:	Not reported
EPC Decision Date:	Not reported
Attorney Gen Ref Date:	Not reported
Final Court Decision:	Not reported
Case Number:	Not reported
County:	Not reported
Action Required:	Not reported
Compliance Due:	Not reported
In Compliance Date:	Not reported
Removed:	Not reported
Staff Initials:	Not reported

IA Hist Lust ATP:

Seq Number:	Not reported
Last Name:	Not reported
Priority Rank:	Not reported
Type:	Not reported
Reason:	Not reported
ATP Due:	Not reported
ATP Letter:	Not reported
Financial Documents Recvd:	Not reported
Able/Unable To Pay:	Not reported
Final Letter:	Not reported
Project Complete:	Not reported
RP Able to Pay:	Not reported
Project Removed:	Not reported
Staff Initials:	Not reported
Comment:	Not reported

IA Hist Lust Contract:

Seq Number:	Not reported
Tank City:	Not reported
Staff Initials:	Not reported
Score:	Not reported
Scope Completed:	Not reported
Advertise:	Not reported
Receive Bids:	Not reported
Commission Approval:	Not reported
Contract Approved:	Not reported
Original Contract Amt:	Not reported
Change Orders:	Not reported
Paid to Date:	Not reported
SCR/CADR Received:	Not reported
SCR/CADR Approved:	Not reported
Contract:	Not reported

IA Hist Lust Bedrock Well:

ID:	Not reported
Category:	Not reported
Sample Water Supply:	Not reported
GIS Survey:	Not reported

IA Hist Lust Inst Control:

Inst Control Begin:	1/24/02 0:00:00
Inst Control Type:	LO

GIT-N-GO (Continued) **U001871286**

IA Hist Lust Track:

ID:	5941
Site Assesment Start Date:	2/19/01 0:00:00
Free Product Recvry End Date:	Not reported
FP Letter Sent Date:	Not reported
FP Report Frequency:	Not reported
Assesment Report Due:	Not reported
Assesment Report Received:	Not reported
Assesment Report Approved:	Not reported
Achieved Over-Excavation:	Not reported
Release Not Verified Date:	Not reported
Ref to Contaminated Site Section:	Not reported
Cleanup Start Date:	11/19/01 0:00:00
Cleanup Complete Date:	2/4/02 0:00:00
Cleanup Report Due Date:	Not reported
Cleanup Report Received Date:	Not reported
Cleanup Report Approved Date:	Not reported
Check Report Due Date:	Not reported
Check Report Received Date:	Not reported
Check Report Rejected Date:	Not reported
Check Report Approved Date:	Not reported
Date Classified:	2/8/02 0:00:00
Risk Classification -NFA:	Yes
Class - Low Risk:	No
Class - High Risk:	No
Lust Current:	No Action Required
Tier 1 Consultant Recommends:	Not reported
T1 Actual GW Ingestion:	No
T1 Poten GW Ingestion from Protected GW:	No
T1 Poten GW Ingestion from Protected GW:	No
T1 GW Vapor to Enclosed Space:	No
T1 GW to Plastic Water Line:	No
T1 Surface Water:	No
T1 Soil Leaching to GW:	No
T1 Soil Vapor to Enclosed Space:	No
T1 Soil to Plastic Line:	No
Tier 2 Consultant Recommends:	NFA
T2 Actual GW Ingestion:	NFA
T2 Poten GW Ingestion from Protected GW:	NFA
T2 Poten GW Ingestion from Protected GW:	NFA
T2 GW Vapor to Enclosed Space:	NFA
T2 GW to Plastic Water Line:	NFA
T2 SW General Use:	NFA
T2 SW Designated Use:	NFA
T2 Soil Leaching to GW:	NFA
T2 Soil Vapor to Enclosed Space:	NFA
T2 Soil to Plastic Line:	NFA
Institutional Control Obtained:	No
NFA Certificate Sent:	4/16/02 0:00:00
No Action Required:	**No**
Priority Ranking:	4
Delete:	No

O72 **GIT-N-GO #18** **UST** **U004134695**
NE **6501 SE 14TH** **N/A**
1/2-1 **DES MOINES, IA 50320**
0.867 mi.
4576 ft. **Site 4 of 4 in cluster O**

Relative: Higher

UST:
Registration: 198811888

Actual: 922 ft.

UST:
Registration: 198811888
Status Description: Regulated tanks - active
Type Description: Private/Corporate

Tank Id: 33504
Install Date: 11/1/1988
Status Description: Regulated tank - active
Capacity: 10000
Content Description: Gasoline

Registration: 198811888
Tank Id: 33503
Install Date: 11/1/1988
Status Description: Regulated tank - active
Capacity: 10000
Content Description: Gasoline

Registration: 198811888
Tank Id: 33505
Install Date: 11/1/1988
Status Description: Regulated tank - active
Capacity: 10000
Content Description: Gasoline

P73 **MANN ELEMENTARY SCH** **FINDS** **1011294767**
West **1001 AMOS ST** **N/A**
1/2-1 **DES MOINES, IA 50315**
0.895 mi.
4724 ft. **Site 1 of 2 in cluster P**

Relative: Higher

FINDS:

Registry ID: 110036396174

Actual: 940 ft.

Environmental Interest/Information System
IDNR-EFD (Iowa Department Of Natural Resources - Emission Factor Documentation) provides information about existing emission factors

P74 **MANN ELEMENTARY SCHOOL** **UST** **U003126212**
West **1001 AMOS ST** **HIST UST** **N/A**
1/2-1 **DES MOINES, IA 50315**
0.895 mi.
4724 ft. **Site 2 of 2 in cluster P**

Relative: Higher

UST:
Registration: 198609842

Actual: 940 ft.

UST:
Registration: 198609842
Status Description: Non-regulated heating oil tanks - active
Type Description: Private/Corporate

Tank Id: 29565
Install Date: 12/1/1961
Status Description: Non-regulated heating oil tank - active
Capacity: 10000
Content Description: Other

HIST UST:

Tank Number:	001
Tank Status:	**Non-regulated heating oil tank - active**
Tank Type:	Not reported
Tank Capacity:	10000
Currently In Use:	No
Tank Material and Construction:	Steel Int. Lined with Fiberglass
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	1/1/72 0:00:00
Site Install Date:	12/1/61 0:00:00
Date Removed:	Not reported
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Yes
TIP None:	Not reported
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported

MANN ELEMENTARY SCHOOL (Continued) **U003126212**

TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Yes
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

Q75
NE
1/2-1
0.931 mi.
4918 ft.

GOODYEAR TIRE CTR 5544
6409 SE 14TH ST
DES MOINES, IA 50320

Site 1 of 4 in cluster Q

FINDS **1011294346**
N/A

Relative:
Higher

Actual:
932 ft.

FINDS:

Registry ID: 110036389182

Environmental Interest/Information System
IDNR-EFD (Iowa Department Of Natural Resources - Emission Factor Documentation) provides information about existing emission factors

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Q76
NE
1/2-1
0.931 mi.
4918 ft.

GOODYEAR TIRE CENTER 5544
6409 SE 14TH ST
DES MOINES, IA 50320

Site 2 of 4 in cluster Q

UST **U001870443**
HIST UST **N/A**

Relative:
Higher

UST:
Registration: 198609235

Actual:
932 ft.

UST:
Registration: 198609235
Status Description: Non-regulated hoist oil tanks - active
Type Description: Private/Corporate

Tank Id: 27947
Install Date: 12/1/1984
Status Description: Non-regulated hoist oil tank - active
Capacity: 1
Content Description: Other

Registration: 198609235
Tank Id: 27948
Install Date: 12/1/1984
Status Description: Non-regulated hoist oil tank - active
Capacity: 1
Content Description: Other

Registration: 198609235
Tank Id: 27946
Install Date: 12/1/1984
Status Description: Non-regulated hoist oil tank - active
Capacity: 1
Content Description: Other

Registration: 198609235
Tank Id: 27950
Install Date: 12/1/1984
Status Description: Non-regulated hoist oil tank - active
Capacity: 1
Content Description: Other

Registration: 198609235
Tank Id: 27944
Install Date: 12/1/1984
Status Description: Non-regulated hoist oil tank - active

GOODYEAR TIRE CENTER 5544 (Continued) **U001870443**

Capacity:	1
Content Description:	Other
Registration:	198609235
Tank Id:	27945
Install Date:	12/1/1984
Status Description:	Non-regulated hoist oil tank - active
Capacity:	1
Content Description:	Other
Registration:	198609235
Tank Id:	27951
Install Date:	12/1/1984
Status Description:	Non-regulated hoist oil tank - active
Capacity:	1
Content Description:	Other
Registration:	198609235
Tank Id:	27949
Install Date:	12/1/1984
Status Description:	Non-regulated hoist oil tank - active
Capacity:	1
Content Description:	Other

HIST UST:

Tank Number:	002
Tank Status:	**Non-regulated hoist oil tank - active**
Tank Type:	Not reported
Tank Capacity:	1
Currently In Use:	No
Tank Material and Construction:	Steel
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported
Site Install Date:	12/1/84 0:00:00
Date Removed:	Not reported
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Not reported
TIP Internal Unknown:	Not reported
TIP Internal Other:	UNKNOWN
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported

GOODYEAR TIRE CENTER 5544 (Continued) **U001870443**

TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	UNKNOWN
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Yes
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

GOODYEAR TIRE CENTER 5544 (Continued) **U001870443**

Tank Number:	003
Tank Status:	**Non-regulated hoist oil tank - active**
Tank Type:	Not reported
Tank Capacity:	1
Currently In Use:	No
Tank Material and Construction:	Steel
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported
Site Install Date:	12/1/84 0:00:00
Date Removed:	Not reported
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Not reported
TIP Internal Unknown:	Not reported
TIP Internal Other:	UNKNOWN
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	UNKNOWN
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Yes
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported

GOODYEAR TIRE CENTER 5544 (Continued) **U001870443**

PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

Tank Number:	004
Tank Status:	**Non-regulated hoist oil tank - active**
Tank Type:	Not reported
Tank Capacity:	1
Currently In Use:	No
Tank Material and Construction:	Steel
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported
Site Install Date:	12/1/84 0:00:00
Date Removed:	Not reported
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported

GOODYEAR TIRE CENTER 5544 (Continued) **U001870443**

TIP None:	Not reported
TIP Internal Unknown:	Not reported
TIP Internal Other:	UNKNOWN
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	UNKNOWN
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Yes
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported

GOODYEAR TIRE CENTER 5544 (Continued) **U001870443**

High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported
Tank Number:	005
Tank Status:	**Non-regulated hoist oil tank - active**
Tank Type:	Not reported
Tank Capacity:	1
Currently In Use:	No
Tank Material and Construction:	Steel
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported
Site Install Date:	12/1/84 0:00:00
Date Removed:	Not reported
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Not reported
TIP Internal Unknown:	Not reported
TIP Internal Other:	UNKNOWN
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	UNKNOWN
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported

GOODYEAR TIRE CENTER 5544 (Continued) **U001870443**

LDS None:	Not reported
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Yes
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

Tank Number:	006
Tank Status:	**Non-regulated hoist oil tank - active**
Tank Type:	Not reported
Tank Capacity:	1
Currently In Use:	No
Tank Material and Construction:	Steel
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported
Site Install Date:	12/1/84 0:00:00
Date Removed:	Not reported
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported

GOODYEAR TIRE CENTER 5544 (Continued) **U001870443**

Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Not reported
TIP Internal Unknown:	Not reported
TIP Internal Other:	UNKNOWN
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	UNKNOWN
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Yes
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported

GOODYEAR TIRE CENTER 5544 (Continued) **U001870443**

PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

Click this hyperlink while viewing on your computer to access
3 additional IA HIST UST: record(s) in the EDR Site Report.

Q77 **SPILLS** **S108544091**
NE **INTERSECTION OF SE 14TH / ARMY POST RD.** **N/A**
1/2-1 **DES MOINES, IA**
0.933 mi.
4925 ft. **Site 3 of 4 in cluster Q**

Relative:
Higher

Actual:
933 ft.

SPILL:

Facility ID:	051407-RLT-1158
Reported Date:	5/14/2007
Reported Time:	11:58:00 AM
Taken By:	Rodney Tucker
Spill Date:	5/14/2007
Spill Time:	10:30:00 AM
6 hr Letter:	No
Continuous Release:	No
Incident Location:	Urban
Incident Mode:	Transportation
Incident Type:	Petroleum
Incident Medium Land:	Not reported
Incident Medium Water:	Not reported
Incident Medium Air:	Not reported
Initial Instructions:	RP to sweep up sand and kitty litter as traffic will allow and will disposed of at the Metro landfill.
Events:	A garbage truck blew out a hydraulic hose while traveling at the intersection of SE 14th & Army Post rd in DM. The fluid spilled onto the road and tracked throughout the intersection by the traffic. The driver threw down sand and kitty litter as much as possible with the traffic. The fluid remained on the roadway.

Q78 **MASSEY-FERGUSON PENSION TRUST** **LUST** **U003172454**
NE **1400 E ARMY POST RD** **HIST LUST** **N/A**
1/2-1 **DES MOINES, IA 50315** **UST**
0.945 mi. **HIST UST**
4988 ft. **Site 4 of 4 in cluster Q**

Relative:
Higher

Actual:
934 ft.

LUST:

Registration:	199017172
Leak Number:	8LTL90
Date Reported:	Not reported
Date Cleanup Started:	5/6/1991
Date Cleanup Completed:	1/29/1992
Record Description:	No Action Required
Product Description:	Gasoline

Registration:	199017172
Leak Number:	8LTL90
Date Reported:	Not reported
Date Cleanup Started:	5/6/1991
Date Cleanup Completed:	1/29/1992
Record Description:	No Action Required
Product Description:	Diesel

Registration:	199017172
Leak Number:	8LTL90
Date Reported:	Not reported
Date Cleanup Started:	5/6/1991
Date Cleanup Completed:	1/29/1992
Record Description:	No Action Required
Product Description:	Waste Oil

HIST LUST:

Facility ID:	199017172
Leak Number:	8LTL90
Leak Entry Date:	03/11/91
Spill Number:	Not reported
Occur Date:	Not reported
Occur Time:	Not reported
Discover Date:	Not reported
Discover Time:	Not reported
Facility Addr 2:	Not reported
Facility Phone:	Not reported
Facility Fax1:	Not reported
Facility Fax2:	Not reported
Owner Name:	MASSEY-FERGUSON PENSION TRUST
Owner Type:	Private/Corporate
Owner Addr:	1400 E ARMY POST RD
Owner City,St,Zip:	DES MOINES, IA 503200000
Owner Phone:	5152472694
Owner Fax:	Not reported
Lead:	Responsible Party
Coordinator:	ERD
Staff Initials:	ERD
Leak Contact:	ROBERT LUMSDON
Leak Address:	Not reported
Leak City,St,Zip:	0
Leak Phone:	5152472694
Record Name:	ROGGE
Record Date:	3/8/1991 0:00

MASSEY-FERGUSON PENSION TRUST (Continued) **U003172454**

Record Location:	Lust
Reporter Name:	ROBERT LUMSDON
Reporter Business:	MASSEY FERGUSON
Reporter Date:	/ /
Reporter Addr:	1901 BELL AVE
Rprtr City,St,Zip:	0
Reporter Phone:	0
Responsible Party:	Not reported
RP Company:	Not reported
RP Address:	Not reported
RP City,St,Zip:	0
RP Phone:	0
RP Ext:	Not reported
RP Fax:	Not reported
ER Date:	Not reported
Delete:	No
Ground Water Professional ID:	0
Ground Water Professional Due Date:	/ /
Ground Water Professional Received Date:	/ /
Corrective Action Design Report Id:	0
Corrective Action Design Due Date:	Not reported
Corrective Action Design Record Date:	/ /

IA Hist Lust Status:

ID:	5459
Site Leak Number:	8LTL90
Discovered During:	Removal
Tanks Removed:	03
Leak Cause:	UNK
Gas:	Yes
Diesel:	Yes
Oil:	Yes
Kerosene:	Not reported
Released Fuel Oil:	Not reported
Released Hydraulic Oil:	Not reported
Released Other Petroleum:	Not reported
Released Unknown:	Not reported
Released Non_Petroleum Chemical:	Not reported
Gallons Released:	000000000UNK
Leak Status:	Stopped
Loc Soil:	Yes
Loc Ground Water:	Not reported
Loc Surface Water:	Not reported
Loc Water Supply:	Not reported
Res Public Water Supply:	Not reported
Resources Water Well:	Not reported
Res Actual Drinking WW:	Not reported
Res Non-Drink WW:	Not reported
respotprtg:	Not reported
ressoil:	Not reported
Res Ground Water:	Not reported
Res Surface Water:	Not reported
Res Toxic Vapor:	Not reported
Res Explosive Vapor:	Not reported
Res Other:	Not reported
Res Impacted Soil:	Not reported
Res Impacted Ground Water:	Not reported
Res Impacted Water Well:	Not reported

MASSEY-FERGUSON PENSION TRUST (Continued) **U003172454**

Res Impacted Pub Water Supply:	Not reported
Res Impacted Surface Water:	Not reported
Res Impacted Toxic Vapor:	Not reported
Res Impacted Explosive Vapor:	Not reported
Res Impacted Other:	Not reported
Res Impacted Drinking WW:	Not reported
Res Impacted Non-Drink WW:	Not reported
Res Impacted Potential Non Drink WW:	Not reported
Officials Onsite Health:	Not reported
Officials Onsite Fire:	Not reported
Officials Onsite Law:	Not reported
Officials Onsite Civil:	Not reported
Officials Onsite None:	Not reported
Officials Onsite Unknown:	Yes
Officials Onsite Other:	Not reported
AST:	Not reported
UST/LUST Other:	Not reported
Delete:	No

IA Hist Lust Cause:

Release Cause:	Unknown

IA Hist Lust Misc:

Misc Due Date:	1/20/92 0:00:00	Misc Rec Date:	1/27/92 0:00:00
Misc Other:	Not reported	Misc Title:	Not reported

IA Hist Lust Site Monitoring Report:

Site Monitoring Report Due Date:	Not reported
Site Monitoring Report Rec Date:	Not reported
Site Monitoring Report Reg Date:	Not reported
Site Monitoring Report Rejected Date:	Not reported
Site Monitoring Report Type:	Not reported
Reclassification Request Type:	Not reported
Site Monitoring Report Revd By:	Not reported
GW professional ID:	Not reported

IA Hist Lust Remediation:

Heat Treatment:	No
Land Application:	No
On Site:	No
Achieved Over-Excavation:	Yes
Soil Venting Passive:	No
Soil Venting Active:	No
Bioremediation Passive:	No
Bioremediation Active:	No
In Situ GW Treatment - Air Sparging:	No
Ground Water:	No
Fresh Water:	No
IGT - pH Adjustment:	No
Nutrient:	No
Oxygen:	No
Biological:	No
Permit Date:	Not reported
Other:	No
Surface Treatment - Carbon Absorption:	No

MASSEY-FERGUSON PENSION TRUST (Continued) **U003172454**

Biological:	No
ST Other:	No
TDT Sanitary Sewer:	No
TDT Storm Sewer:	No
Stream:	No
TDT Other:	No
Reduced Risk Plugged Well:	No
RR Replace:	No
RR Relocate:	No
RR Other:	No
Delete:	No

IA Hist Lust Free Product Recovery:

FPR Report Assesment Due:	Not reported
FPR Report Received:	Not reported
FPR Report Accepted:	Not reported
FPR Report Rejected:	Not reported
FPR Report Revised:	Not reported

IA Hist Lust Corrective Action Design Report:

Corrective Action Design Record Date:	Not reported
Corrective Action Design Received:	Not reported
Corrective Action Design Accepted:	Not reported
Corrective Action Design Rejected:	Not reported
Revised Report Received:	Not reported

IA Hist Lust Tier 1 Report:

T1 Assesment Due:	Not reported
T1 Received:	Not reported
Tier 1 Consultant Recommends:	Not reported
T1 Accepted:	Not reported
T1 Rejected:	Not reported
T1 Revised:	Not reported
T1 Reviewed:	Not reported

IA Hist Lust Tier 2 Report:

T2 Assesment Due:	Not reported
T2 Received:	Not reported
T2 Accepted:	Not reported
T2 Rejected:	Not reported
T2 Reviewed:	Not reported

IA Hist Lust Tier 3 Report:

T3 Assesment Due:	Not reported
T3 Received:	Not reported
T3 Accepted:	Not reported
T3 Rejected:	Not reported

IA Hist Lust Administration:

ID:	5459
Owner Identified:	Yes
Responsible Party Found:	Yes
RP Date:	3/11/91 0:00:00
Owner Broke:	No

MASSEY-FERGUSON PENSION TRUST (Continued) **U003172454**

ER Date:	Not reported
Cost Recovery Start Dt:	Not reported
CR Notice of Intent Dt:	Not reported
CR Appeal of NOI Dt:	Not reported
CR Final Decision Dt:	Not reported
CR EP Comm Lien Approval Dt:	Not reported
CR Lien:	Not reported
CR Ten Yr Renewal Dt:	Not reported
CR Lien Named:	No
crtyrdate:	Not reported
CR Remediation:	Not reported
Delete:	No
CR Amnt Received:	Not reported
CR End Date:	Not reported

IA Hist Lust 28E:

Counter:	Not reported
Staff Initials:	Not reported
Type:	Not reported
County:	Not reported
Part Of State:	Not reported
Priority Number:	Not reported
Reason:	Not reported
Responsible Party:	Not reported
rfpno:	Not reported
Removed:	Not reported
Date Removed:	Not reported
Field Office:	Not reported
Newlist:	Not reported
State Lead:	Not reported
Access Letter Mailed:	Not reported
Owner Signed Access:	Not reported
Signed Access to Contractor:	Not reported
Contractor Signed Access:	Not reported
Final Access Mailed:	Not reported
nfr:	Not reported
Start Date:	Not reported

IA Hist Lust AO:

Seq Number:	Not reported
Distribution:	Not reported
UST/LUST Other:	Not reported
Order Type:	Not reported
Legal Ref Start:	Not reported
Division ADM Date:	Not reported
CE Bureau Date:	Not reported
AO Issue Date:	Not reported
AO Number:	Not reported
Name Of Parties:	Not reported
Penalty Due Date:	Not reported
Penalty Amount:	Not reported
Penalty Paid Date:	Not reported
Penalty Amount Paid:	Not reported
AO Appeal Date:	Not reported
ALJ Decision Date:	Not reported
EPC Decision Date:	Not reported

MASSEY-FERGUSON PENSION TRUST (Continued) **U003172454**

Attorney Gen Ref Date: Not reported
Final Court Decision: Not reported
Case Number: Not reported
County: Not reported
Action Required: Not reported
Compliance Due: Not reported
In Compliance Date: Not reported
Removed: Not reported
Staff Initials: Not reported

IA Hist Lust ATP:
Seq Number: Not reported
Last Name: Not reported
Priority Rank: Not reported
Type: Not reported
Reason: Not reported
ATP Due: Not reported
ATP Letter: Not reported
Financial Documents Recvd: Not reported
Able/Unable To Pay: Not reported
Final Letter: Not reported
Project Complete: Not reported
RP Able to Pay: Not reported
Project Removed: Not reported
Staff Initials: Not reported
Comment: Not reported

IA Hist Lust Contract:
Seq Number: Not reported
Tank City: Not reported
Staff Initials: Not reported
Score: Not reported
Scope Completed: Not reported
Advertise: Not reported
Receive Bids: Not reported
Commission Approval: Not reported
Contract Approved: Not reported
Original Contract Amt: Not reported
Change Orders: Not reported
Paid to Date: Not reported
SCR/CADR Received: Not reported
SCR/CADR Approved: Not reported
Contract: Not reported

IA Hist Lust Bedrock Well:
ID: Not reported
Category: Not reported
Sample Water Supply: Not reported
GIS Survey: Not reported

IA Hist Lust Inst Control:
Inst Control Begin: Not reported
Inst Control Type: Not reported

MASSEY-FERGUSON PENSION TRUST (Continued) **U003172454**

IA Hist Lust Track:

ID:	5459
Site Assesment Start Date:	5/6/91 0:00:00
Free Product Recvry End Date:	Not reported
FP Letter Sent Date:	Not reported
FP Report Frequency:	Not reported
Assesment Report Due:	Not reported
Assesment Report Received:	Not reported
Assesment Report Approved:	Not reported
Achieved Over-Excavation:	Yes
Release Not Verified Date:	Not reported
Ref to Contaminated Site Section:	Not reported
Cleanup Start Date:	5/6/91 0:00:00
Cleanup Complete Date:	1/29/92 0:00:00
Cleanup Report Due Date:	Not reported
Cleanup Report Received Date:	Not reported
Cleanup Report Approved Date:	Not reported
Check Report Due Date:	Not reported
Check Report Received Date:	Not reported
Check Report Rejected Date:	Not reported
Check Report Approved Date:	Not reported
Date Classified:	1/29/92 0:00:00
Risk Classification -NFA:	Yes
Class - Low Risk:	No
Class - High Risk:	No
Lust Current:	No Action Required
Tier 1 Consultant Recommends:	Not reported
T1 Actual GW Ingestion:	No
T1 Poten GW Ingestion from Protected GW:	No
T1 Poten GW Ingestion from Protected GW:	No
T1 GW Vapor to Enclosed Space:	No
T1 GW to Plastic Water Line:	No
T1 Surface Water:	No
T1 Soil Leaching to GW:	No
T1 Soil Vapor to Enclosed Space:	No
T1 Soil to Plastic Line:	No
Tier 2 Consultant Recommends:	Not reported
T2 Actual GW Ingestion:	Not reported
T2 Poten GW Ingestion from Protected GW:	Not reported
T2 Poten GW Ingestion from Protected GW:	Not reported
T2 GW Vapor to Enclosed Space:	Not reported
T2 GW to Plastic Water Line:	Not reported
T2 SW General Use:	Not reported
T2 SW Designated Use:	Not reported
T2 Soil Leaching to GW:	Not reported
T2 Soil Vapor to Enclosed Space:	Not reported
T2 Soil to Plastic Line:	Not reported
Institutional Control Obtained:	No
NFA Certificate Sent:	Not reported
No Action Required:	**No**
Priority Ranking:	Not reported
Delete:	No

UST:

Registration:	199017172

MASSEY-FERGUSON PENSION TRUST (Continued) **U003172454**

UST:

Registration:	199017172
Status Description:	Regulated tanks - r/f
Type Description:	Private/Corporate
Tank Id:	41400
Install Date:	12/1/1900
Status Description:	Regulated tanks - r/f
Capacity:	500
Content Description:	Used Oil
Registration:	199017172
Tank Id:	41399
Install Date:	12/1/1900
Status Description:	Regulated tanks - r/f
Capacity:	500
Content Description:	Diesel
Registration:	199017172
Tank Id:	41398
Install Date:	12/1/1900
Status Description:	Regulated tanks - r/f
Capacity:	1000
Content Description:	Gasoline

HIST UST:

Tank Number:	001
Tank Status:	**Regulated tanks - r/f**
Tank Type:	Commercial
Tank Capacity:	1000
Currently In Use:	No
Tank Material and Construction:	Steel
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	6/1/89 0:00:00
Site Install Date:	12/1/00 0:00:00
Date Removed:	11/7/90 0:00:00
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	1/1/00 0:00:00
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Not reported
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Yes
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported

MASSEY-FERGUSON PENSION TRUST (Continued) **U003172454**

TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Yes
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Yes
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported

MASSEY-FERGUSON PENSION TRUST (Continued) **U003172454**

Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported
Tank Number:	002
Tank Status:	**Regulated tanks - r/f**
Tank Type:	Commercial
Tank Capacity:	500
Currently In Use:	No
Tank Material and Construction:	Steel
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	6/1/89 0:00:00
Site Install Date:	12/1/00 0:00:00
Date Removed:	11/7/90 0:00:00
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	1/1/00 0:00:00
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Not reported
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Yes
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Yes
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Yes
PCP Fiberglass Reinforced Plastic:	Not reported

MASSEY-FERGUSON PENSION TRUST (Continued) **U003172454**

PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

Tank Number:	003
Tank Status:	**Regulated tanks - r/f**
Tank Type:	Commercial
Tank Capacity:	500
Currently In Use:	No
Tank Material and Construction:	Steel
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	6/1/89 0:00:00
Site Install Date:	12/1/00 0:00:00
Date Removed:	11/7/90 0:00:00
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	1/1/00 0:00:00
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0

MASSEY-FERGUSON PENSION TRUST (Continued) **U003172454**

Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Not reported
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Yes
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Yes
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Yes
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported

MASSEY-FERGUSON PENSION TRUST (Continued) **U003172454**

Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

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R79 **SPILLS** **S105272121**
West **1035 MEADOW LANE, DES MOINES, IA** **N/A**
1/2-1 **DES MOINES, IA**
0.986 mi.
5207 ft. **Site 1 of 2 in cluster R**

Relative:
Lower

Actual:
863 ft.

SPILL:

Facility ID:	051600-DLP-1500
Reported Date:	5/16/2000
Reported Time:	3:00:00 PM
Taken By:	Dave Perry
Spill Date:	5/16/2000
Spill Time:	2:43:00 PM
6 hr Letter:	FALSE
Continuous Release:	FALSE
Incident Location:	Not reported
Incident Mode:	Transformer
Incident Type:	Transformer oil/PCB
Incident Medium Land:	TRUE
Incident Medium Water:	FALSE
Incident Medium Air:	FALSE
Initial Instructions:	An absorbent pad was used on the effected spill area to wipe up free product. The contaminated absorbent will be properly disposed.
Events:	Pad mounted transformer leaked out less than one gallon of oil, assumed to be PCB contaminated.

S80 **TIER 2** **S109948204**
NW **6304 SW 7TH** **N/A**
1/2-1 **DES MOINES, IA 50315**
0.989 mi.
5223 ft. **Site 1 of 2 in cluster S**

Relative:
Higher

Actual:
956 ft.

TIER 2:

State Id:	IA
Report Year:	2009
Fire District:	Des Moines Fire Department
Site Map:	F
Date Signed:	2010-02-16T13:09:52
Date Modified:	2009-02-17T15:31:42
Site Coord Abbreviation:	F
Latitude:	41.527453999999999
Longitude:	-93.623785999999996
Dike Or Other Safeguard:	F
Mailing Address:	8410 West Bryn Mawr Avenue

SW 9TH & ARMY POST (Continued) **S109948204**

Mail City:	Chicago
Mail State:	IL
Mail Zip:	60631
Mail Country:	US
Notes:	* From 2007 Data : ATC Associates, Inc. has been retained by U.S. Cellular to complete their 2007 annual hazardous chemical reporting under EPCRA. U.S. Cellular provided chemical inventories for each of its facilities to ATC. These inventories were used by ATC to comple

Facility:

Record Key:	FDIDSIT2B40004468
Facility Record Id:	FAIDSIT2A00004468
Id:	Not reported
Description:	EIN #
Last Modified:	2009-02-17T15:31:42
Record Key:	FDIDSIT2B50004468
Facility Record Id:	FAIDSIT2A00004468
Id:	Not reported
Description:	TRIFID
Last Modified:	2009-02-17T15:31:42
Record Key:	FDIDSIT2B30004468
Facility Record Id:	FAIDSIT2A00004468
Id:	513322
Description:	NAICS
Last Modified:	2009-02-17T15:31:42
Record Key:	FDIDSIT2B20004468
Facility Record Id:	FAIDSIT2A00004468
Id:	118239292
Description:	Dun & Bradstreet
Last Modified:	2009-02-17T15:31:42
Record Key:	FDIDSIT2B10004468
Facility Record Id:	FAIDSIT2A00004468
Id:	4812
Description:	SIC
Last Modified:	2009-02-17T15:31:42

Contact:

First Name:	Not reported
Last Name:	24-hr Network Operations Center
Title:	NOC Technician
Email:	Not reported
Address:	Not reported
City:	Not reported
Country:	Not reported
State:	Not reported
Zip Code:	Not reported
Type1:	Emergency Contact
Type2:	Not reported
Type3:	Not reported
Type4:	Not reported
Contact Id:	CTIDSIT2F00013467
Date Modified:	2009-02-17T15:31:42

SW 9TH & ARMY POST (Continued) **S109948204**

Telephone: 224-653-3708
Telephone Type: Phone
Last Modified: 2009-02-17T15:31:42
Record Key: PHIDSIT2H00040397
Contact Id: CTIDSIT2F00013467

Telephone: 800-510-6091
Telephone Type: 24 Hr. Phone
Last Modified: 2009-02-17T15:31:42
Record Key: PHIDSIT2H00040398
Contact Id: CTIDSIT2F00013467

Contact:
First Name: Not reported
Last Name: Not reported
Title: Not reported
Email: Not reported
Address: 8410 West Bryn Mawr Avenue
City: Chicago
Country: Not reported
State: IL
Zip Code: 60631
Type1: Mailing
Type2: Not reported
Type3: Not reported
Type4: Not reported
Contact Id: CTIDSIT2FM0004468
Date Modified: 2009-02-17T15:31:42

Telephone: 773-399-7925
Telephone Type: Emergency
Last Modified: 2009-02-17T15:31:42
Record Key: PHIDSIT2HM0004468
Contact Id: CTIDSIT2FM0004468

Contact:
First Name: Not reported
Last Name: Doug Zabrin
Title: Mngr. Env. Health Safety & Sec.
Email: Not reported
Address: Not reported
City: Not reported
Country: Not reported
State: Not reported
Zip Code: Not reported
Type1: Emergency Contact
Type2: Not reported
Type3: Not reported
Type4: Not reported
Contact Id: CTIDSIT2F00013623
Date Modified: 2009-02-17T15:31:42

Telephone: 800-510-6091
Telephone Type: Phone

SW 9TH & ARMY POST (Continued) **S109948204**

Last Modified: 2009-02-17T15:31:42
Record Key: PHIDSIT2H00040865
Contact Id: CTIDSIT2F00013623

Telephone: 800-510-6091
Telephone Type: 24 Hr. Phone
Last Modified: 2009-02-17T15:31:42
Record Key: PHIDSIT2H00040866
Contact Id: CTIDSIT2F00013623

Contact:
First Name: Not reported
Last Name: United States Cellular
Title: Not reported
Email: Not reported
Address: 8410 West Bryn Mawr Avenue
City: Chicago
Country: US
State: IL
Zip Code: 60631
Type1: Owner / Operator
Type2: Not reported
Type3: Not reported
Type4: Not reported
Contact Id: CTIDSIT2FO0004468
Date Modified: 2009-02-17T15:31:42

Telephone: 773-399-7925
Telephone Type: Emergency
Last Modified: 2009-02-17T15:31:42
Record Key: PHIDSIT2HO0004468
Contact Id: CTIDSIT2FO0004468

Chemical:
Acute: T
Ave Amount: 624
Ave Amount Code: 02
Facility Id: FAIDSIT2A00004468
Chem Inv Record Id: CVIDSIT2C00024043
Chronic: F
Cicas: 7664939
EHS Chemical: T
Last Modified: 2009-02-17T15:31:42
Days On Site: 365
Chemical Name: SULFURIC ACID
Fire: F
Gas: F
Liquid: T
Max Amount: 624
Max Amount Code: 02
Mixture: T
Pressure: F
Pure: F
Reactive: T

SW 9TH & ARMY POST (Continued) **S109948204**

Solid: F
Trade Secret: F

Chemical Loc:
Record Key: CLIDSIT2D00037833
Chem Inv Record Id: CVIDSIT2C00024043
Facility Id: FAIDSIT2A00004468
Type Code: R
Pressure Code: 1
Temperature Code: 4
Location: IN BATTERIES, INSIDE BUILDING
Amount: 0

S81 **SPILLS** **S106595996**
NW **800 SW ARMY POST ROAD** **N/A**
> 1 **DES MOINES, IA**
1.001 mi.
5283 ft. **Site 2 of 2 in cluster S**

Relative: Higher

Actual: 955 ft.

SPILL:
Facility ID: 05137-KL-1820
Reported Date: 5/13/1997
Reported Time: 6:20:00 PM
Taken By: KATHY LEE
Spill Date: 5/13/1997
Spill Time: 6:00:00 PM
6 hr Letter: No
Continuous Release: No
Incident Location: Not reported
Incident Mode: Transportation
Incident Type: Paints/Dyes/Organic Solv
Incident Medium Land: Yes
Incident Medium Water: No
Incident Medium Air: No
Initial Instructions: Not reported
Events: A motorinst flagged down the driver of the tanker truck and informed him that ink was spilling out of the top of the truck. It was determined that a floater on a valve went bad.

T82 **GARYS STANDARD** **RCRA-CESQG** **1004690538**
NE **6300 SE 14TH** **FINDS** **IAD984598003**
> 1 **DES MOINES, IA 50320**
1.014 mi.
5354 ft. **Site 1 of 2 in cluster T**

Relative: Higher

Actual: 939 ft.

RCRA-CESQG:
Date form received by agency: 02/10/1994
Facility name: GARYS STANDARD
Facility address: 6300 SE 14TH
DES MOINES, IA 50320
EPA ID: IAD984598003
Mailing address: SE 14TH
DES MOINES, IA 50320
Contact: Not reported
Contact address: Not reported

GARYS STANDARD (Continued) **1004690538**

Not reported
Contact country: Not reported
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 07
Land type: Private
Classification: Conditionally Exempt Small Quantity Generator
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:
Owner/operator name: STANDARD OIL
Owner/operator address: 200 E RANDOLPH
CHICAGO, IL 60601
Owner/operator country: Not reported
Owner/operator telephone: 312
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: Unknown
Mixed waste (haz. and radioactive): Unknown
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: Unknown
Furnace exemption: Unknown
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Verified to be non-commercial

Historical Generators:
Date form received by agency: 10/04/1991
Facility name: GARYS STANDARD
Classification: Small Quantity Generator

GARYS STANDARD (Continued) **1004690538**

Hazardous Waste Summary:

Waste code:	D000
Waste name:	Not Defined
Waste code:	UOIL
Waste name:	UOIL
Waste code:	D000
Waste name:	Not Defined
Waste code:	D001
Waste name:	IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.
Waste code:	D002
Waste name:	A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.
Waste code:	D008
Waste name:	LEAD
Waste code:	D018
Waste name:	BENZENE
Violation Status:	No violations found

Evaluation Action Summary:

Evaluation date:	02/10/1994
Evaluation:	FOCUSED COMPLIANCE INSPECTION
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	EPA Contractor/Grantee

FINDS:

Registry ID: 110005764495

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

T83
NE
> 1
1.015 mi.
5357 ft.

SPILLS **S105471434**
N/A

6300 SE 14TH ST. - AMOCO STATION
DES MOINES, IA

Site 2 of 2 in cluster T

Relative:
Higher

Actual:
939 ft.

SPILL:

Facility ID:	010102-CWO-1623
Reported Date:	1/1/2002
Reported Time:	4:23:00 PM
Taken By:	Clark Ott
Spill Date:	1/1/2002
Spill Time:	4:00:00 PM
6 hr Letter:	FALSE
Continuous Release:	FALSE
Incident Location:	Not reported
Incident Mode:	Theft
Incident Type:	Petroleum
Incident Medium Land:	TRUE
Incident Medium Water:	FALSE
Incident Medium Air:	FALSE
Initial Instructions:	Fire dept. used 4 bales of peat moss to absorb the material. The RP will have the material collected and disposed on 1/2/02.
Events:	Person filled their gas tank and then set the hose on the ground while still pumping. All material was contained to the asphalt road surface.

U84
NW
> 1
1.020 mi.
5385 ft.

UST **U003369195**
HIST UST **N/A**

QUIKTRIP #523
850 ARMY POST RD
DES MOINES, IA 50315

Site 1 of 9 in cluster U

Relative:
Higher

UST:

Registration:	199818004

Actual:
955 ft.

UST:

Registration:	199818004
Status Description:	Regulated tanks - active
Type Description:	Private/Corporate
Tank Id:	43017
Install Date:	2/1/1998
Status Description:	Regulated tank - active
Capacity:	12000
Content Description:	Gasoline
Registration:	199818004
Tank Id:	43015
Install Date:	2/1/1998
Status Description:	Regulated tank - active
Capacity:	12000
Content Description:	Gasoline
Registration:	199818004
Tank Id:	43016
Install Date:	2/1/1998
Status Description:	Regulated tank - active
Capacity:	12000
Content Description:	Gasoline

QUIKTRIP #523 (Continued) **U003369195**

HIST UST:

Tank Number:	001
Tank Status:	**Regulated tank - active**
Tank Type:	Commercial
Tank Capacity:	12000
Currently In Use:	Yes
Tank Material and Construction:	Double Wall FRP
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported
Site Install Date:	2/1/98 0:00:00
Date Removed:	Not reported
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Yes
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Yes
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Yes
LDS Auto-Guaging:	Yes
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Yes
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	RED JACKET ST 1401 L and USTMAN
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Not reported
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Yes

QUIKTRIP #523 (Continued) **U003369195**

PCP Flex Wall:	X
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Yes
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Yes
PLD Automatic Line Tightness:	Yes
PLD Interstitial:	Yes
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Yes
PLD None:	Not reported
PLD Other:	VR WPLLD
Spill Protection:	Yes
Catchment Basin Size:	Yes
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Yes
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Yes
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Yes
Manufacturer Checklist Completed:	Yes
Tanks/Pipes Tested for leaks during/after Install:	Yes
Other Installation:	IUST INSPECTED
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

Tank Number:	002
Tank Status:	**Regulated tank - active**
Tank Type:	Commercial
Tank Capacity:	12000
Currently In Use:	Yes
Tank Material and Construction:	Double Wall FRP
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported
Site Install Date:	2/1/98 0:00:00
Date Removed:	Not reported
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported

QUIKTRIP #523 (Continued) **U003369195**

TIP Internal Lining:	Not reported
TIP None:	Not reported
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Yes
LDS Auto-Guaging:	Yes
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Yes
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	RED JACKET ST 1401 L and USTMAN
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Not reported
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Yes
PCP Flex Wall:	X
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Yes
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Yes
PLD Automatic Line Tightness:	Yes
PLD Interstitial:	Yes
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Yes
PLD None:	Not reported
PLD Other:	VR WPLLD
Spill Protection:	Yes
Catchment Basin Size:	Yes
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Yes
Automatic Shutoff Device:	Not reported

QUIKTRIP #523 (Continued) **U003369195**

Flow Restrictor:	Yes
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Yes
Manufacturer Checklist Completed:	Yes
Tanks/Pipes Tested for leaks during/after Install:	Yes
Other Installation:	IUST INSPECTED
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

Tank Number:	003
Tank Status:	**Regulated tank - active**
Tank Type:	Commercial
Tank Capacity:	12000
Currently In Use:	Yes
Tank Material and Construction:	Double Wall FRP
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported
Site Install Date:	2/1/98 0:00:00
Date Removed:	Not reported
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Not reported
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Yes
LDS Auto-Guaging:	Yes
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Yes

QUIKTRIP #523 (Continued) **U003369195**

LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	RED JACKET ST 1401 L and USTMAN
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Not reported
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Yes
PCP Flex Wall:	X
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Yes
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Yes
PLD Automatic Line Tightness:	Yes
PLD Interstitial:	Yes
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Yes
PLD None:	Not reported
PLD Other:	VR WPLLD
Spill Protection:	Yes
Catchment Basin Size:	Yes
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Yes
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Yes
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Yes
Manufacturer Checklist Completed:	Yes
Tanks/Pipes Tested for leaks during/after Install:	Yes
Other Installation:	IUST INSPECTED
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

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U85 **QUICKTRIP STORE 523** **FINDS** **1011935569**
NW **850 ARMY POST RD** **N/A**
> 1 **DES MOINES, IA 50315**
1.020 mi.
5385 ft. **Site 2 of 9 in cluster U**

Relative: Higher

Actual: 955 ft.

FINDS:

Registry ID: 110037595439

Environmental Interest/Information System
AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for

QUICKTRIP STORE 523 (Continued) **1011935569**

information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

U86 **QUIKTRIP** **FINDS** **1011286131**
NW **850 ARMY POST RD (#523)** **N/A**
> 1 **DES MOINES, IA 50315**
1.020 mi.
5385 ft. **Site 3 of 9 in cluster U**

Relative:
Higher

Actual:
955 ft.

FINDS:

Registry ID: 110036241117

Environmental Interest/Information System
IDNR-EFD (Iowa Department Of Natural Resources - Emission Factor Documentation) provides information about existing emission factors

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U87 **ARMY POST AMOCO** **RCRA-NonGen** **1000605472**
NW **849 ARMY POST RD** **FINDS** **IAD984591024**
> 1 **DES MOINES, IA 50315** **LUST**
1.021 mi. **HIST LUST**
5389 ft. **Site 4 of 9 in cluster U** **UST**
HIST UST

Relative:
Higher

Actual:
955 ft.

RCRA-NonGen:

Date form received by agency:	02/20/2004
Facility name:	ARMY POST AMOCO - FORMER SITE OF
Facility address:	849 ARMY POST RD DES MOINES, IA 50315
EPA ID:	IAD984591024
Mailing address:	ARMY POST RD DES MOINES, IA 50315
Contact:	BOB TEGELERQ
Contact address:	Not reported Not reported
Contact country:	US
Contact telephone:	(515)249-3898
Contact email:	Not reported
EPA Region:	07
Land type:	Private
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No

ARMY POST AMOCO (Continued) **1000605472**

Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Historical Generators:
Date form received by agency: 01/06/1994
Facility name: ARMY POST AMOCO - FORMER SITE OF
Site name: ARMY POST AMOCO
Classification: Small Quantity Generator

Date form received by agency: 04/17/1991
Facility name: ARMY POST AMOCO - FORMER SITE OF
Site name: ARMY POST AMOCO
Classification: Small Quantity Generator

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 01/06/1994
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA Contractor/Grantee

FINDS:

Registry ID: 110005762861

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

IDNR-EFD (Iowa Department Of Natural Resources - Emission Factor Documentation) provides information about existing emission factors

LUST:
Registration: 198606453
Leak Number: 7LTC03
Date Reported: 12/23/1988
Date Cleanup Started: 6/6/1990
Date Cleanup Completed: 9/25/1998
Record Description: No Action Required
Product Description: Gasoline

ARMY POST AMOCO (Continued) **1000605472**

HIST LUST:

Facility ID:	198606453
Leak Number:	7LTC03
Leak Entry Date:	12/23/88
Spill Number:	Not reported
Occur Date:	Not reported
Occur Time:	Not reported
Discover Date:	11/30/1988 0:00
Discover Time:	Not reported
Facility Addr 2:	Not reported
Facility Phone:	Not reported
Facility Fax1:	Not reported
Facility Fax2:	Not reported
Owner Name:	MULGREW OIL CO
Owner Type:	Private/Corporate
Owner Addr:	85 TERMINAL STREET
Owner City,St,Zip:	DUBUQUE, IA 52001
Owner Phone:	5635837386
Owner Fax:	Not reported
Lead:	State Fund
Coordinator:	ERD
Staff Initials:	ERD
Leak Contact:	KEN SCHULTZ
Leak Address:	Not reported
Leak City,St,Zip:	0
Leak Phone:	0
Record Name:	BANDURSKI
Record Date:	12/23/1988 0:00
Record Location:	Lust
Reporter Name:	Not reported
Reporter Business:	Not reported
Reporter Date:	12/23/88
Reporter Addr:	Not reported
Rprtr City,St,Zip:	0
Reporter Phone:	0
Responsible Party:	THOMAS TUNNICLIFF
RP Company:	ATLANTIC RICHFIELD CO
RP Address:	2240 BLUESTONE DR
RP City,St,Zip:	ST CHARLES, MO 63303
RP Phone:	0
RP Ext:	Not reported
RP Fax:	Not reported
ER Date:	Not reported
Delete:	No
Ground Water Professional ID:	1685
Ground Water Professional Due Date:	05/10/92
Ground Water Professional Received Date:	04/06/92
Corrective Action Design Report Id:	0
Corrective Action Design Due Date:	Not reported
Corrective Action Design Record Date:	/ /

IA Hist Lust Status:

ID:	2988
Site Leak Number:	7LTC03
Discovered During:	Removal
Tanks Removed:	0
Leak Cause:	Not reported

ARMY POST AMOCO (Continued) **1000605472**

Gas:	Yes
Diesel:	Not reported
Oil:	Not reported
Kerosene:	Not reported
Released Fuel Oil:	Not reported
Released Hydraulic Oil:	Not reported
Released Other Petroleum:	Not reported
Released Unknown:	Not reported
Released Non_Petroleum Chemical:	Not reported
Gallons Released:	000000000000
Leak Status:	Continuing
Loc Soil:	Yes
Loc Ground Water:	Not reported
Loc Surface Water:	Not reported
Loc Water Supply:	Not reported
Res Public Water Supply:	Not reported
Resources Water Well:	Not reported
Res Actual Drinking WW:	Not reported
Res Non-Drink WW:	Not reported
respotprtg:	Not reported
ressoil:	Not reported
Res Ground Water:	Not reported
Res Surface Water:	Not reported
Res Toxic Vapor:	Not reported
Res Explosive Vapor:	Not reported
Res Other:	Yes
Res Impacted Soil:	Not reported
Res Impacted Ground Water:	Not reported
Res Impacted Water Well:	Not reported
Res Impacted Pub Water Supply:	Not reported
Res Impacted Surface Water:	Not reported
Res Impacted Toxic Vapor:	Not reported
Res Impacted Explosive Vapor:	Not reported
Res Impacted Other:	Not reported
Res Impacted Drinking WW:	Not reported
Res Impacted Non-Drink WW:	Not reported
Res Impacted Potential Non Drink WW:	Not reported
Officials Onsite Health:	Not reported
Officials Onsite Fire:	Not reported
Officials Onsite Law:	Not reported
Officials Onsite Civil:	Not reported
Officials Onsite None:	Not reported
Officials Onsite Unknown:	Not reported
Officials Onsite Other:	Not reported
AST:	Not reported
UST/LUST Other:	Not reported
Delete:	No

IA Hist Lust Cause:
Release Cause: Not reported

IA Hist Lust Groundwater:
Groundwater Prof. Applicant Id Num.: 1685
Groundwater Pro. App. Last Name: MACDONALD
Groundwater Pro. App. First Name: JENNIFER
Groundwater Pro. Firm: DELTA ENVIRONMENTAL CONSULTANTS

ARMY POST AMOCO (Continued) **1000605472**

Groundwater Pro. Address:	2240 BLUESTONE DRIVE
Groundwater Pro. Address 2:	Not reported
Groundwater Pro. City:	ST CHARLES
Groundwater Pro. State:	MO
Groundwater Pro. Zip Code:	0
Groundwater Pro. Tele:	6369168106
Groundwater Pro. Fax:	Not reported
Groundwater Pro. Email:	jmacdonald@deltaenv.com
Groundwater Pro. Exp. Of Gwp Cert.:	12/31/2007 0:00
Is The Gwp Certified?:	Yes
Is Gwp Cert. For Cadr?:	Yes

IA Hist Lust Misc:

Misc Due Date:	Not reported	Misc Rec Date:	Not reported
Misc Other:	Not reported	Misc Title:	Not reported

IA Hist Lust Site Monitoring Report:

Site Monitoring Report Due Date:	Not reported
Site Monitoring Report Rec Date:	Not reported
Site Monitoring Report Reg Date:	Not reported
Site Monitoring Report Rejected Date:	Not reported
Site Monitoring Report Type:	Not reported
Reclassification Request Type:	Not reported
Site Monitoring Report Revd By:	Not reported
GW professional ID:	Not reported

IA Hist Lust Remediation:

Heat Treatment:	No
Land Application:	No
On Site:	No
Achieved Over-Excavation:	No
Soil Venting Passive:	No
Soil Venting Active:	No
Bioremediation Passive:	No
Bioremediation Active:	No
In Situ GW Treatment - Air Sparging:	No
Ground Water:	No
Fresh Water:	No
IGT - pH Adjustment:	No
Nutrient:	No
Oxygen:	No
Biological:	No
Permit Date:	Not reported
Other:	No
Surface Treatment - Carbon Absorption:	No
Biological:	No
ST Other:	No
TDT Sanitary Sewer:	No
TDT Storm Sewer:	No
Stream:	No
TDT Other:	No
Reduced Risk Plugged Well:	No
RR Replace:	No
RR Relocate:	No
RR Other:	No
Delete:	No

ARMY POST AMOCO (Continued) **1000605472**

IA Hist Lust Free Product Recovery:

FPR Report Assesment Due:	Not reported
FPR Report Received:	Not reported
FPR Report Accepted:	Not reported
FPR Report Rejected:	Not reported
FPR Report Revised:	Not reported

IA Hist Lust Corrective Action Design Report:

Corrective Action Design Record Date:	Not reported
Corrective Action Design Received:	Not reported
Corrective Action Design Accepted:	Not reported
Corrective Action Design Rejected:	Not reported
Revised Report Received:	Not reported

IA Hist Lust Tier 1 Report:

T1 Assesment Due:	7/30/98 0:00:00
T1 Received:	9/3/98 0:00:00
Tier 1 Consultant Recommends:	Not reported
T1 Accepted:	9/25/98 0:00:00
T1 Rejected:	Not reported
T1 Revised:	Not reported
T1 Reviewed:	Not reported

IA Hist Lust Tier 2 Report:

T2 Assesment Due:	Not reported
T2 Received:	Not reported
T2 Accepted:	Not reported
T2 Rejected:	Not reported
T2 Reviewed:	Not reported

IA Hist Lust Tier 3 Report:

T3 Assesment Due:	Not reported
T3 Received:	Not reported
T3 Accepted:	Not reported
T3 Rejected:	Not reported

IA Hist Lust Administration:

ID:	2988
Owner Identified:	No
Responsible Party Found:	No
RP Date:	Not reported
Owner Broke:	No
ER Date:	Not reported
Cost Recovery Start Dt:	Not reported
CR Notice of Intent Dt:	Not reported
CR Appeal of NOI Dt:	Not reported
CR Final Decision Dt:	Not reported
CR EP Comm Lien Approval Dt:	Not reported
CR Lien:	Not reported
CR Ten Yr Renewal Dt:	Not reported
CR Lien Named:	No
crtyrdate:	Not reported
CR Remediation:	Not reported
Delete:	No

ARMY POST AMOCO (Continued) **1000605472**

CR Amnt Received:	Not reported
CR End Date:	Not reported

IA Hist Lust 28E:

Counter:	Not reported
Staff Initials:	Not reported
Type:	Not reported
County:	Not reported
Part Of State:	Not reported
Priority Number:	Not reported
Reason:	Not reported
Responsible Party:	Not reported
rfpno:	Not reported
Removed:	Not reported
Date Removed:	Not reported
Field Office:	Not reported
Newlist:	Not reported
State Lead:	Not reported
Access Letter Mailed:	Not reported
Owner Signed Access:	Not reported
Signed Access to Contractor:	Not reported
Contractor Signed Access:	Not reported
Final Access Mailed:	Not reported
nfr:	Not reported
Start Date:	Not reported

IA Hist Lust AO:

Seq Number:	Not reported
Distribution:	Not reported
UST/LUST Other:	Not reported
Order Type:	Not reported
Legal Ref Start:	Not reported
Division ADM Date:	Not reported
CE Bureau Date:	Not reported
AO Issue Date:	Not reported
AO Number:	Not reported
Name Of Parties:	Not reported
Penalty Due Date:	Not reported
Penalty Amount:	Not reported
Penalty Paid Date:	Not reported
Penalty Amount Paid:	Not reported
AO Appeal Date:	Not reported
ALJ Decision Date:	Not reported
EPC Decision Date:	Not reported
Attorney Gen Ref Date:	Not reported
Final Court Decision:	Not reported
Case Number:	Not reported
County:	Not reported
Action Required:	Not reported
Compliance Due:	Not reported
In Compliance Date:	Not reported
Removed:	Not reported
Staff Initials:	Not reported

IA Hist Lust ATP:

Seq Number:	Not reported

ARMY POST AMOCO (Continued) **1000605472**

Last Name:	Not reported
Priority Rank:	Not reported
Type:	Not reported
Reason:	Not reported
ATP Due:	Not reported
ATP Letter:	Not reported
Financial Documents Recvd:	Not reported
Able/Unable To Pay:	Not reported
Final Letter:	Not reported
Project Complete:	Not reported
RP Able to Pay:	Not reported
Project Removed:	Not reported
Staff Initials:	Not reported
Comment:	Not reported

IA Hist Lust Contract:

Seq Number:	Not reported
Tank City:	Not reported
Staff Initials:	Not reported
Score:	Not reported
Scope Completed:	Not reported
Advertise:	Not reported
Receive Bids:	Not reported
Commission Approval:	Not reported
Contract Approved:	Not reported
Original Contract Amt:	Not reported
Change Orders:	Not reported
Paid to Date:	Not reported
SCR/CADR Received:	Not reported
SCR/CADR Approved:	Not reported
Contract:	Not reported

IA Hist Lust Bedrock Well:

ID:	Not reported
Category:	Not reported
Sample Water Supply:	Not reported
GIS Survey:	Not reported

IA Hist Lust Inst Control:

Inst Control Begin:	Not reported
Inst Control Type:	Not reported

IA Hist Lust Track:

ID:	2988
Site Assesment Start Date:	6/6/90 0:00:00
Free Product Recvry End Date:	Not reported
FP Letter Sent Date:	Not reported
FP Report Frequency:	Not reported
Assesment Report Due:	Not reported
Assesment Report Received:	Not reported
Assesment Report Approved:	Not reported
Achieved Over-Excavation:	Not reported
Release Not Verified Date:	Not reported
Ref to Contaminated Site Section:	Not reported
Cleanup Start Date:	6/6/90 0:00:00

ARMY POST AMOCO (Continued) **1000605472**

Cleanup Complete Date:	9/25/98 0:00:00
Cleanup Report Due Date:	Not reported
Cleanup Report Received Date:	Not reported
Cleanup Report Approved Date:	Not reported
Check Report Due Date:	Not reported
Check Report Received Date:	Not reported
Check Report Rejected Date:	Not reported
Check Report Approved Date:	Not reported
Date Classified:	9/25/98 0:00:00
Risk Classification -NFA:	Yes
Class - Low Risk:	No
Class - High Risk:	No
Lust Current:	No Action Required
Tier 1 Consultant Recommends:	Not reported
T1 Actual GW Ingestion:	No
T1 Poten GW Ingestion from Protected GW:	No
T1 Poten GW Ingestion from Protected GW:	No
T1 GW Vapor to Enclosed Space:	No
T1 GW to Plastic Water Line:	No
T1 Surface Water:	No
T1 Soil Leaching to GW:	No
T1 Soil Vapor to Enclosed Space:	No
T1 Soil to Plastic Line:	No
Tier 2 Consultant Recommends:	Not reported
T2 Actual GW Ingestion:	Not reported
T2 Poten GW Ingestion from Protected GW:	Not reported
T2 Poten GW Ingestion from Protected GW:	Not reported
T2 GW Vapor to Enclosed Space:	Not reported
T2 GW to Plastic Water Line:	Not reported
T2 SW General Use:	Not reported
T2 SW Designated Use:	Not reported
T2 Soil Leaching to GW:	Not reported
T2 Soil Vapor to Enclosed Space:	Not reported
T2 Soil to Plastic Line:	Not reported
Institutional Control Obtained:	No
NFA Certificate Sent:	5/5/00 0:00:00
No Action Required:	**No**
Priority Ranking:	Not reported
Delete:	No

UST:

Registration:	198606453

UST:

Registration:	198606453
Status Description:	Regulated tanks - r/f
Type Description:	Private/Corporate
Tank Id:	19276
Install Date:	8/1/1970
Status Description:	Regulated tanks - r/f
Capacity:	6000
Content Description:	Gasoline
Registration:	198606453
Tank Id:	19282

ARMY POST AMOCO (Continued) **1000605472**

Install Date: 6/1/1991
Status Description: Regulated tanks - r/f
Capacity: 12000
Content Description: Gasoline

Registration: 198606453
Tank Id: 19280
Install Date: 6/1/1991
Status Description: Regulated tanks - r/f
Capacity: 12000
Content Description: Gasoline

Registration: 198606453
Tank Id: 19277
Install Date: 8/1/1970
Status Description: Regulated tanks - r/f
Capacity: 6000
Content Description: Gasoline

Registration: 198606453
Tank Id: 19279
Install Date: 6/1/1991
Status Description: Regulated tanks - r/f
Capacity: 550
Content Description: Used Oil

Registration: 198606453
Tank Id: 19275
Install Date: 8/1/1970
Status Description: Regulated tanks - r/f
Capacity: 500
Content Description: Used Oil

Registration: 198606453
Tank Id: 19281
Install Date: 6/1/1991
Status Description: Regulated tanks - r/f
Capacity: 12000
Content Description: Gasoline

Registration: 198606453
Tank Id: 19274
Install Date: 8/1/1970
Status Description: Non-regulated hoist oil tank - active
Capacity: 30
Content Description: Other

Registration: 198606453
Tank Id: 19278
Install Date: 8/1/1970
Status Description: Regulated tanks - r/f
Capacity: 8000
Content Description: Gasoline

Registration: 198606453
Tank Id: 19273
Install Date: 8/1/1970

ARMY POST AMOCO (Continued) **1000605472**

Status Description: Non-regulated hoist oil tank - active
Capacity: 30
Content Description: Other

HIST UST:

Tank Number:	001
Tank Status:	**Non-regulated hoist oil tank - active**
Tank Type:	Not reported
Tank Capacity:	30
Currently In Use:	No
Tank Material and Construction:	Steel
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported
Site Install Date:	8/1/70 0:00:00
Date Removed:	Not reported
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Not reported
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported

ARMY POST AMOCO (Continued) **1000605472**

PCP Galvanized Steel:	Yes
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

Tank Number:	002
Tank Status:	**Non-regulated hoist oil tank - active**
Tank Type:	Not reported
Tank Capacity:	30
Currently In Use:	No
Tank Material and Construction:	Steel
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported
Site Install Date:	8/1/70 0:00:00
Date Removed:	Not reported
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported

ARMY POST AMOCO (Continued) **1000605472**

Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Not reported
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Yes
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported

ARMY POST AMOCO (Continued) **1000605472**

Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

Tank Number:	003
Tank Status:	**Regulated tanks - r/f**
Tank Type:	Commercial
Tank Capacity:	500
Currently In Use:	No
Tank Material and Construction:	Steel
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported
Site Install Date:	8/1/70 0:00:00
Date Removed:	6/17/91 0:00:00
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Yes
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Yes
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported

ARMY POST AMOCO (Continued) **1000605472**

LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Yes
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Yes
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

Tank Number:	004
Tank Status:	**Regulated tanks - r/f**
Tank Type:	Commercial
Tank Capacity:	6000
Currently In Use:	No
Tank Material and Construction:	Steel
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported

ARMY POST AMOCO (Continued) **1000605472**

Site Install Date:	8/1/70 0:00:00
Date Removed:	6/17/91 0:00:00
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Yes
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Yes
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Yes
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Yes
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Not reported
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Yes
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported

ARMY POST AMOCO (Continued) **1000605472**

Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

Tank Number:	005
Tank Status:	**Regulated tanks - r/f**
Tank Type:	Commercial
Tank Capacity:	6000
Currently In Use:	No
Tank Material and Construction:	Steel
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported
Site Install Date:	8/1/70 0:00:00
Date Removed:	6/17/91 0:00:00
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Yes
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported

ARMY POST AMOCO (Continued) **1000605472**

TEP Agency Specify:	Not reported
TEP None:	Yes
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Yes
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Not reported
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Yes
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

ARMY POST AMOCO (Continued) **1000605472**

Click this hyperlink while viewing on your computer to access
5 additional IA HIST UST: record(s) in the EDR Site Report.

V88 **DJ'S CLEANERS INC** **RCRA-CESQG** **1001227776**
NE **1300 CUMMINS STE 100** **FINDS** **IAR000004473**
> 1 **DES MOINES, IA 50315**
1.031 mi.
5441 ft. **Site 1 of 2 in cluster V**

Relative:
Higher

Actual:
941 ft.

RCRA-CESQG:

Date form received by agency:	04/14/2003
Facility name:	DJ'S CLEANERS INC
Facility address:	1300 SE CUMMINS RD STE 100 & DES MOINES, IA 50315
EPA ID:	IAR000004473
Mailing address:	1300 SE CUMMINS RD DES MOINES, IA 50315
Contact:	ROBERT A SLY
Contact address:	1300 SE CUMMINS RD DES MOINES, IA 50315
Contact country:	US
Contact telephone:	(515) 314-7669
Contact email:	Not reported
EPA Region:	07
Land type:	Private
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name:	ROBERT A SLY
Owner/operator address:	1300 SE CUMMINS RD DES MOINES, IA 50315
Owner/operator country:	US
Owner/operator telephone:	(515) 314-7669
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	08/23/2002
Owner/Op end date:	Not reported
Owner/operator name:	ROBERT A SLY
Owner/operator address:	1300 SE CUMMINS RD DES MOINES, IA 50315
Owner/operator country:	US

DJ'S CLEANERS INC (Continued) **1001227776**

Owner/operator telephone: (515) 314-7669
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 08/23/2002
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Historical Generators:
Date form received by agency: 04/14/2003
Facility name: DJ'S CLEANERS INC
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 10/27/1997
Facility name: DJ'S CLEANERS INC
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 02/14/1997
Facility name: DJ'S CLEANERS INC
Classification: Conditionally Exempt Small Quantity Generator

Hazardous Waste Summary:
Waste code: F002
Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F005
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF

DJ'S CLEANERS INC (Continued) **1001227776**

THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 10/27/1997
Evaluation: COMPLIANCE ASSISTANCE VISIT
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

FINDS:

Registry ID: 110001329857

Environmental Interest/Information System
AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

V89 **BARKER LAMAR ASSOCIATES INC** **FINDS** **1012102155**
NE **1300 CUMMINS RD, SUITE 201** **N/A**
> 1 **DES MOINES, IA 50315**
1.031 mi.
5441 ft. **Site 2 of 2 in cluster V**

Relative: Higher

Actual: 941 ft.

FINDS:

Registry ID: 110038916144

Environmental Interest/Information System
AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

R90
West
> 1
1.032 mi.
5451 ft.

SPILLS **S106598260**
N/A

7500 ROYAL ROAD AT ROYAL MANAGEMENT CO.
DES MOINES, IA

Site 2 of 2 in cluster R

Relative:
Lower

Actual:
860 ft.

SPILL:

Facility ID:	10286-KL-1440
Reported Date:	10/28/1996
Reported Time:	2:40:00 PM
Taken By:	KATHY LEE
Spill Date:	10/28/1996
Spill Time:	2:20:00 PM
6 hr Letter:	No
Continuous Release:	No
Incident Location:	Not reported
Incident Mode:	Transportation
Incident Type:	Petroleum
Incident Medium Land:	Yes
Incident Medium Water:	No
Incident Medium Air:	No
Initial Instructions:	Not reported
Events:	Hose on unit # 245 broke, spilling hydraulic fluid on a concrete parking lot.

U91
NW
> 1
1.043 mi.
5505 ft.

FINDS **1011295627**
N/A

QUIKTRIP #523
900 ARMY POST ROAD #523
DES MOINES, IA 50315

Site 5 of 9 in cluster U

Relative:
Higher

Actual:
955 ft.

FINDS:

Registry ID: 110036365769

Environmental Interest/Information System
IDNR-EFD (Iowa Department Of Natural Resources - Emission Factor Documentation) provides information about existing emission factors

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U92
NW
> 1
1.043 mi.
5505 ft.

ALLSITES **S108413943**
N/A

900-1050 ARMY POST ROAD
900-1050 ARMY POST ROAD
DES MOINES, IA 50315

Site 6 of 9 in cluster U

Relative:
Higher

Actual:
955 ft.

ALLSITES:

Site Id Number:	871
Project Manager:	Lambert Nnadi
Ownership Type:	Private
Status:	Closed
Origin:	Environmental Assessment
Program:	CERCLA Preremedial
Site Type:	Commercial

U93
NW
> 1
1.043 mi.
5505 ft.

QUIKTRIP CORP STORE 523C
900 ARMY POST RD
DES MOINES, IA 50315

Site 7 of 9 in cluster U

FINDS **1007135993**
N/A

Relative:
Higher

Actual:
955 ft.

FINDS:

Registry ID: 110015840036

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

U94
NW
> 1
1.043 mi.
5505 ft.

QUIKTRIP #523
900 ARMY POST ROAD #523
DES MOINES, IA 50315

Site 8 of 9 in cluster U

LUST **1000744572**
HIST LUST **N/A**
UST
HIST UST

Relative:
Higher

Actual:
955 ft.

LUST:

Registration:	198608451
Leak Number:	7LTR99
Date Reported:	7/27/1990
Date Cleanup Started:	7/26/1994
Date Cleanup Completed:	8/29/2008
Record Description:	No Action Required
Product Description:	Gasoline

HIST LUST:

Facility ID:	198608451
Leak Number:	7LTR99
Leak Entry Date:	08/27/90
Spill Number:	Not reported
Occur Date:	Not reported
Occur Time:	Not reported
Discover Date:	7/27/1990 0:00
Discover Time:	11:00AM
Facility Addr 2:	Not reported
Facility Phone:	Not reported
Facility Fax1:	Not reported
Facility Fax2:	Not reported
Owner Name:	QUIKTRIP CORP - KELLI OSTMEYER
Owner Type:	Private/Corporate
Owner Addr:	4705 SOUTH 129TH EAST AVENUE
Owner Addr 2:	BOX 3475
Owner City,St,Zip:	TULSA, OK 741347008
Owner Phone:	9186157700
Owner Fax:	9186157465
Lead:	State Fund
Coordinator:	ERD
Staff Initials:	ERD
Leak Contact:	DAVE CISIEWSKI
Leak Address:	Not reported

QUIKTRIP #523 (Continued) **1000744572**

Leak City,St,Zip:	0
Leak Phone:	3148781221
Record Name:	J HORN
Record Date:	8/23/1990 0:00
Record Location:	Lust
Reporter Name:	DAVE CISIEWSKI
Reporter Business:	QUIKTRIP CORP
Reporter Date:	07/27/90
Reporter Addr:	1023 EXECUTIVE PKWY
Rprtr City,St,Zip:	ST LOUIS, MO 631410000
Reporter Phone:	3148781221
Responsible Party:	MIKE CONNERS
RP Company:	QUIKTRIP CORPORATION
RP Address:	PO BOX 3475
RP City,St,Zip:	TULSA, OK 741013475
RP Phone:	0
RP Ext:	Not reported
RP Fax:	Not reported
ER Date:	Not reported
Delete:	No
Ground Water Professional ID:	1621
Ground Water Professional Due Date:	07/07/99
Ground Water Professional Received Date:	06/18/99
Corrective Action Design Report Id:	0
Corrective Action Design Due Date:	Not reported
Corrective Action Design Record Date:	/ /

IA Hist Lust Status:

ID:	3926
Site Leak Number:	7LTR99
Discovered During:	Monitoring
Tanks Removed:	0
Leak Cause:	UNK
Gas:	Yes
Diesel:	Not reported
Oil:	Not reported
Kerosene:	Not reported
Released Fuel Oil:	Not reported
Released Hydraulic Oil:	Not reported
Released Other Petroleum:	Not reported
Released Unknown:	Not reported
Released Non_Petroleum Chemical:	Not reported
Gallons Released:	000000000000
Leak Status:	Unknown
Loc Soil:	Not reported
Loc Ground Water:	Yes
Loc Surface Water:	Not reported
Loc Water Supply:	Not reported
Res Public Water Supply:	Not reported
Resources Water Well:	Not reported
Res Actual Drinking WW:	Not reported
Res Non-Drink WW:	Not reported
respotprtg:	Not reported
ressoil:	Not reported
Res Ground Water:	Not reported
Res Surface Water:	Not reported
Res Toxic Vapor:	Not reported
Res Explosive Vapor:	Not reported

QUIKTRIP #523 (Continued) **1000744572**

Res Other:	Not reported
Res Impacted Soil:	Not reported
Res Impacted Ground Water:	Not reported
Res Impacted Water Well:	Not reported
Res Impacted Pub Water Supply:	Not reported
Res Impacted Surface Water:	Not reported
Res Impacted Toxic Vapor:	Not reported
Res Impacted Explosive Vapor:	Not reported
Res Impacted Other:	Not reported
Res Impacted Drinking WW:	Not reported
Res Impacted Non-Drink WW:	Not reported
Res Impacted Potential Non Drink WW:	Not reported
Officials Onsite Health:	Not reported
Officials Onsite Fire:	Not reported
Officials Onsite Law:	Not reported
Officials Onsite Civil:	Not reported
Officials Onsite None:	Not reported
Officials Onsite Unknown:	Yes
Officials Onsite Other:	Not reported
AST:	Not reported
UST/LUST Other:	Not reported
Delete:	No

IA Hist Lust Cause:

Release Cause:	Unknown

IA Hist Lust Groundwater:

Groundwater Prof. Applicant Id Num.:	1621
Groundwater Pro. App. Last Name:	MAHER-LEWIS
Groundwater Pro. App. First Name:	ANITA
Groundwater Pro. Firm:	BARKER, LEMAR & ASSOCIATES
Groundwater Pro. Address:	1801 INDUSTRIAL CIRCLE
Groundwater Pro. Address 2:	Not reported
Groundwater Pro. City:	WEST DES MOINES
Groundwater Pro. State:	IA
Groundwater Pro. Zip Code:	-50265
Groundwater Pro. Tele:	5152568814
Groundwater Pro. Fax:	Not reported
Groundwater Pro. Email:	amaher@barkerlemar.com
Groundwater Pro. Exp. Of Gwp Cert.:	12/31/2007 0:00
Is The Gwp Certified?:	Yes
Is Gwp Cert. For Cadr?:	Yes

IA Hist Lust Misc:

Misc Due Date:	Not reported	Misc Rec Date:	10/19/04 0:00:00
Misc Other:	Not reported	Misc Title:	MTBE WORKSHEET & DISK
Misc Due Date:	Not reported	Misc Rec Date:	8/8/05 0:00:00
Misc Other:	Not reported	Misc Title:	REC'D MTBE PER E-MAIL
Misc Due Date:	Not reported	Misc Rec Date:	11/22/99 0:00:00
Misc Other:	Not reported	Misc Title:	MTBE WORKSHEET & DISK
Misc Due Date:	Not reported	Misc Rec Date:	10/23/06 0:00:00
Misc Other:	Not reported	Misc Title:	MTBE WORKSHEET & CD

QUIKTRIP #523 (Continued) **1000744572**

Misc Due Date:	Not reported	Misc Rec Date:	8/3/00 0:00:00
Misc Other:	Not reported	Misc Title:	MTBE WORKSHEET & DISK
Misc Due Date:	Not reported	Misc Rec Date:	8/30/01 0:00:00
Misc Other:	Not reported	Misc Title:	MTBE WORKSHEET & DISK
Misc Due Date:	Not reported	Misc Rec Date:	10/7/02 0:00:00
Misc Other:	Not reported	Misc Title:	MTBE WORKSHEET & DISK

IA Hist Lust Site Monitoring Report:

Site Monitoring Report Due Date:	10/30/04 0:00:00
Site Monitoring Report Rec Date:	10/19/04 0:00:00
Site Monitoring Report Reg Date:	Not reported
Site Monitoring Report Rejected Date:	Not reported
Site Monitoring Report Type:	L
Reclassification Request Type:	Not reported
Site Monitoring Report Revd By:	Not reported
GW professional ID:	Not reported
Site Monitoring Report Due Date:	10/30/05 0:00:00
Site Monitoring Report Rec Date:	8/8/05 0:00:00
Site Monitoring Report Reg Date:	Not reported
Site Monitoring Report Rejected Date:	Not reported
Site Monitoring Report Type:	L
Reclassification Request Type:	Not reported
Site Monitoring Report Revd By:	Not reported
GW professional ID:	1651
Site Monitoring Report Due Date:	10/30/99 0:00:00
Site Monitoring Report Rec Date:	11/22/99 0:00:00
Site Monitoring Report Reg Date:	Not reported
Site Monitoring Report Rejected Date:	Not reported
Site Monitoring Report Type:	P
Reclassification Request Type:	Not reported
Site Monitoring Report Revd By:	Not reported
GW professional ID:	Not reported
Site Monitoring Report Due Date:	10/30/01 0:00:00
Site Monitoring Report Rec Date:	8/30/01 0:00:00
Site Monitoring Report Reg Date:	Not reported
Site Monitoring Report Rejected Date:	Not reported
Site Monitoring Report Type:	L
Reclassification Request Type:	Not reported
Site Monitoring Report Revd By:	Not reported
GW professional ID:	Not reported
Site Monitoring Report Due Date:	Not reported
Site Monitoring Report Rec Date:	10/23/06 0:00:00
Site Monitoring Report Reg Date:	Not reported
Site Monitoring Report Rejected Date:	Not reported
Site Monitoring Report Type:	C
Reclassification Request Type:	NFA
Site Monitoring Report Revd By:	Not reported
GW professional ID:	1988
Site Monitoring Report Due Date:	10/30/02 0:00:00
Site Monitoring Report Rec Date:	10/7/02 0:00:00

QUIKTRIP #523 (Continued) **1000744572**

Site Monitoring Report Reg Date:	Not reported
Site Monitoring Report Rejected Date:	3/14/03 0:00:00
Site Monitoring Report Type:	L
Reclassification Request Type:	Not reported
Site Monitoring Report Revd By:	Not reported
GW professional ID:	Not reported
Site Monitoring Report Due Date:	10/30/03 0:00:00
Site Monitoring Report Rec Date:	11/14/03 0:00:00
Site Monitoring Report Reg Date:	Not reported
Site Monitoring Report Rejected Date:	Not reported
Site Monitoring Report Type:	L
Reclassification Request Type:	Not reported
Site Monitoring Report Revd By:	Not reported
GW professional ID:	Not reported

IA Hist Lust Remediation:

Heat Treatment:	No
Land Application:	No
On Site:	No
Achieved Over-Excavation:	No
Soil Venting Passive:	No
Soil Venting Active:	No
Bioremediation Passive:	No
Bioremediation Active:	No
In Situ GW Treatment - Air Sparging:	No
Ground Water:	No
Fresh Water:	No
IGT - pH Adjustment:	No
Nutrient:	No
Oxygen:	No
Biological:	No
Permit Date:	Not reported
Other:	No
Surface Treatment - Carbon Absorption:	No
Biological:	No
ST Other:	No
TDT Sanitary Sewer:	No
TDT Storm Sewer:	No
Stream:	No
TDT Other:	No
Reduced Risk Plugged Well:	No
RR Replace:	No
RR Relocate:	No
RR Other:	No
Delete:	No

IA Hist Lust Free Product Recovery:

FPR Report Assesment Due:	Not reported
FPR Report Received:	Not reported
FPR Report Accepted:	Not reported
FPR Report Rejected:	Not reported
FPR Report Revised:	Not reported

IA Hist Lust Corrective Action Design Report:

Corrective Action Design Record Date:	Not reported

QUIKTRIP #523 (Continued) **1000744572**

Corrective Action Design Received:	Not reported
Corrective Action Design Accepted:	Not reported
Corrective Action Design Rejected:	Not reported
Revised Report Received:	Not reported

IA Hist Lust Tier 1 Report:

T1 Assesment Due:	Not reported
T1 Received:	Not reported
Tier 1 Consultant Recommends:	Not reported
T1 Accepted:	Not reported
T1 Rejected:	Not reported
T1 Revised:	Not reported
T1 Reviewed:	Not reported

IA Hist Lust Tier 2 Report:

T2 Assesment Due:	10/14/00 0:00:00
T2 Received:	8/3/00 0:00:00
T2 Accepted:	10/13/00 0:00:00
T2 Rejected:	Not reported
T2 Reviewed:	JPP

IA Hist Lust Tier 3 Report:

T3 Assesment Due:	Not reported
T3 Received:	Not reported
T3 Accepted:	Not reported
T3 Rejected:	Not reported

IA Hist Lust Administration:

ID:	3926
Owner Identified:	Yes
Responsible Party Found:	Yes
RP Date:	8/23/90 0:00:00
Owner Broke:	No
ER Date:	Not reported
Cost Recovery Start Dt:	Not reported
CR Notice of Intent Dt:	Not reported
CR Appeal of NOI Dt:	Not reported
CR Final Decision Dt:	Not reported
CR EP Comm Lien Approval Dt:	Not reported
CR Lien:	Not reported
CR Ten Yr Renewal Dt:	Not reported
CR Lien Named:	No
crtyrdate:	Not reported
CR Remediation:	Not reported
Delete:	No
CR Amnt Received:	Not reported
CR End Date:	Not reported

IA Hist Lust 28E:

Counter:	Not reported
Staff Initials:	Not reported
Type:	Not reported
County:	Not reported
Part Of State:	Not reported
Priority Number:	Not reported

QUIKTRIP #523 (Continued) **1000744572**

Reason:	Not reported
Responsible Party:	Not reported
rfpno:	Not reported
Removed:	Not reported
Date Removed:	Not reported
Field Office:	Not reported
Newlist:	Not reported
State Lead:	Not reported
Access Letter Mailed:	Not reported
Owner Signed Access:	Not reported
Signed Access to Contractor:	Not reported
Contractor Signed Access:	Not reported
Final Access Mailed:	Not reported
nfr:	Not reported
Start Date:	Not reported

IA Hist Lust AO:

Seq Number:	Not reported
Distribution:	Not reported
UST/LUST Other:	Not reported
Order Type:	Not reported
Legal Ref Start:	Not reported
Division ADM Date:	Not reported
CE Bureau Date:	Not reported
AO Issue Date:	Not reported
AO Number:	Not reported
Name Of Parties:	Not reported
Penalty Due Date:	Not reported
Penalty Amount:	Not reported
Penalty Paid Date:	Not reported
Penalty Amount Paid:	Not reported
AO Appeal Date:	Not reported
ALJ Decision Date:	Not reported
EPC Decision Date:	Not reported
Attorney Gen Ref Date:	Not reported
Final Court Decision:	Not reported
Case Number:	Not reported
County:	Not reported
Action Required:	Not reported
Compliance Due:	Not reported
In Compliance Date:	Not reported
Removed:	Not reported
Staff Initials:	Not reported

IA Hist Lust ATP:

Seq Number:	Not reported
Last Name:	Not reported
Priority Rank:	Not reported
Type:	Not reported
Reason:	Not reported
ATP Due:	Not reported
ATP Letter:	Not reported
Financial Documents Recvd:	Not reported
Able/Unable To Pay:	Not reported
Final Letter:	Not reported
Project Complete:	Not reported

QUIKTRIP #523 (Continued) **1000744572**

RP Able to Pay:	Not reported
Project Removed:	Not reported
Staff Initials:	Not reported
Comment:	Not reported

IA Hist Lust Contract:

Seq Number:	Not reported
Tank City:	Not reported
Staff Initials:	Not reported
Score:	Not reported
Scope Completed:	Not reported
Advertise:	Not reported
Receive Bids:	Not reported
Commission Approval:	Not reported
Contract Approved:	Not reported
Original Contract Amt:	Not reported
Change Orders:	Not reported
Paid to Date:	Not reported
SCR/CADR Received:	Not reported
SCR/CADR Approved:	Not reported
Contract:	Not reported

IA Hist Lust Bedrock Well:

ID:	Not reported
Category:	Not reported
Sample Water Supply:	Not reported
GIS Survey:	Not reported

IA Hist Lust Inst Control:

Inst Control Begin:	Not reported
Inst Control Type:	Not reported

IA Hist Lust Track:

ID:	3926
Site Assesment Start Date:	9/10/90 0:00:00
Free Product Recvry End Date:	Not reported
FP Letter Sent Date:	Not reported
FP Report Frequency:	Not reported
Assesment Report Due:	Not reported
Assesment Report Received:	Not reported
Assesment Report Approved:	Not reported
Achieved Over-Excavation:	Not reported
Release Not Verified Date:	Not reported
Ref to Contaminated Site Section:	Not reported
Cleanup Start Date:	7/26/94 0:00:00
Cleanup Complete Date:	Not reported
Cleanup Report Due Date:	5/8/94 0:00:00
Cleanup Report Received Date:	6/10/94 0:00:00
Cleanup Report Approved Date:	7/26/94 0:00:00
Check Report Due Date:	Not reported
Check Report Received Date:	Not reported
Check Report Rejected Date:	Not reported
Check Report Approved Date:	Not reported
Date Classified:	10/13/00 0:00:00
Risk Classification -NFA:	No

QUIKTRIP #523 (Continued) **1000744572**

Class - Low Risk:	Yes
Class - High Risk:	No
Lust Current:	Low Risk
Tier 1 Consultant Recommends:	Not reported
T1 Actual GW Ingestion:	No
T1 Poten GW Ingestion from Protected GW:	No
T1 Poten GW Ingestion from Protected GW:	No
T1 GW Vapor to Enclosed Space:	No
T1 GW to Plastic Water Line:	No
T1 Surface Water:	No
T1 Soil Leaching to GW:	No
T1 Soil Vapor to Enclosed Space:	No
T1 Soil to Plastic Line:	No
Tier 2 Consultant Recommends:	Low Risk
T2 Actual GW Ingestion:	NFA
T2 Poten GW Ingestion from Protected GW:	NFA
T2 Poten GW Ingestion from Protected GW:	NFA
T2 GW Vapor to Enclosed Space:	Low Risk
T2 GW to Plastic Water Line:	NFA
T2 SW General Use:	NFA
T2 SW Designated Use:	NFA
T2 Soil Leaching to GW:	NFA
T2 Soil Vapor to Enclosed Space:	Low Risk
T2 Soil to Plastic Line:	NFA
Institutional Control Obtained:	No
NFA Certificate Sent:	Not reported
No Action Required:	**No**
Priority Ranking:	4
Delete:	No

UST:

Registration:	198608451

UST:

Registration:	198608451
Status Description:	Regulated tanks - r/f
Type Description:	Private/Corporate
Tank Id:	25560
Install Date:	8/1/1989
Status Description:	Regulated tanks - r/f
Capacity:	12000
Content Description:	Gasoline
Registration:	198608451
Tank Id:	25561
Install Date:	8/1/1989
Status Description:	Regulated tanks - r/f
Capacity:	12000
Content Description:	Gasoline
Registration:	198608451
Tank Id:	25559
Install Date:	8/1/1989
Status Description:	Regulated tanks - r/f
Capacity:	12000

QUIKTRIP #523 (Continued) **1000744572**

Content Description: Gasoline

Registration: 198608451
Tank Id: 25558
Install Date: 9/1/1977
Status Description: Regulated tanks - r/f
Capacity: 10000
Content Description: Gasoline

Registration: 198608451
Tank Id: 25557
Install Date: 9/1/1977
Status Description: Regulated tanks - r/f
Capacity: 6000
Content Description: Gasoline

HIST UST:

Tank Number:	001
Tank Status:	**Regulated tanks - r/f**
Tank Type:	Commercial
Tank Capacity:	6000
Currently In Use:	No
Tank Material and Construction:	Steel
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported
Site Install Date:	9/1/77 0:00:00
Date Removed:	6/6/89 0:00:00
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	1/1/00 0:00:00
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Not reported
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported

QUIKTRIP #523 (Continued) **1000744572**

Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Yes
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

Tank Number:	002
Tank Status:	**Regulated tanks - r/f**
Tank Type:	Commercial
Tank Capacity:	10000
Currently In Use:	No
Tank Material and Construction:	Steel
Tank Material and Construction Other:	Not reported

QUIKTRIP #523 (Continued) **1000744572**

Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported
Site Install Date:	9/1/77 0:00:00
Date Removed:	6/6/89 0:00:00
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	1/1/00 0:00:00
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Not reported
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Yes
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported

QUIKTRIP #523 (Continued) **1000744572**

PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

Tank Number:	003
Tank Status:	**Regulated tanks - r/f**
Tank Type:	Commercial
Tank Capacity:	12000
Currently In Use:	No
Tank Material and Construction:	FRP
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported
Site Install Date:	8/1/89 0:00:00
Date Removed:	5/12/98 0:00:00
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Not reported
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported

QUIKTRIP #523 (Continued) **1000744572**

TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Yes
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	SPIL/OVERFIL; VR TLS250; SIRAS
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Not reported
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Yes
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Yes
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Yes
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Yes
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported

QUIKTRIP #523 (Continued) **1000744572**

Installation Cert. by LUST Board Cert. Inspector: Not reported

Tank Number:	004
Tank Status:	**Regulated tanks - r/f**
Tank Type:	Commercial
Tank Capacity:	12000
Currently In Use:	No
Tank Material and Construction:	FRP
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported
Site Install Date:	8/1/89 0:00:00
Date Removed:	5/12/98 0:00:00
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Yes
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Yes
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Yes
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Yes
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	SPIL/OVERFIL; VR TLS250; SIRAS
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Not reported
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported

QUIKTRIP #523 (Continued) **1000744572**

PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Yes
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Yes
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	RED JACKET LLD
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

Tank Number:	005
Tank Status:	**Regulated tanks - r/f**
Tank Type:	Commercial
Tank Capacity:	12000
Currently In Use:	No
Tank Material and Construction:	FRP
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported
Site Install Date:	8/1/89 0:00:00
Date Removed:	5/12/98 0:00:00
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported

QUIKTRIP #523 (Continued) **1000744572**

Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Yes
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Yes
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Yes
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Yes
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	SPIL/OVERFIL; VR TLS250; SIRAS
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Not reported
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Yes
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	RED JACKET LLD
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported

QUIKTRIP #523 (Continued) **1000744572**

Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

Click this hyperlink while viewing on your computer to access additional IA HIST UST: detail in the EDR Site Report.

U95 **QUIKTRIP CORP STORE 523C** **RCRA-NonGen** **1007092393**
NW **900 ARMY POST RD** **IAD984621235**
> 1 **DES MOINES, IA 50315**
1.043 mi.
5505 ft. **Site 9 of 9 in cluster U**

Relative: Higher

Actual: 955 ft.

RCRA-NonGen:

Date form received by agency:	05/05/2003
Facility name:	QUIKTRIP CORP STORE 523C
Facility address:	900 ARMY POST RD DES MOINES, IA 50315
EPA ID:	IAD984621235
Mailing address:	S 129TH E AVE TULSA, OK 74134
Contact:	MONICA OLASON
Contact address:	S 129TH E AVE TULSA, OK 74134
Contact country:	US
Contact telephone:	(918) 615-7990
Contact email:	MOLASON@QUIKTRIP.COM
EPA Region:	07
Land type:	Private
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	HORIZON INVESTMENT CO LLC
Owner/operator address:	640 SOUTHFORK DR WAUKEE, IA 50263
Owner/operator country:	Not reported
Owner/operator telephone:	515
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	01/01/0001
Owner/Op end date:	Not reported
Owner/operator name:	QUIKTRIP CORP
Owner/operator address:	Not reported Not reported
Owner/operator country:	Not reported
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator

QUIKTRIP CORP STORE 523C (Continued) **1007092393**

Owner/Op start date: 06/19/1999
Owner/Op end date: Not reported

Owner/operator name: QUIKTRIP CORPORATION
Owner/operator address: S 129TH E AVE
TULSA, OK 74134
Owner/operator country: US
Owner/operator telephone: (918) 615-7990
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 06/16/1999
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Historical Generators:
Date form received by agency: 11/05/2001
Facility name: QUIKTRIP CORP STORE 523C
Site name: QUIKTRIP CORP STORE 523
Classification: Unverified

Date form received by agency: 06/16/1999
Facility name: QUIKTRIP CORP STORE 523C
Site name: QUIKTRIP CORP STORE 523
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 01/27/1994
Facility name: QUIKTRIP CORP STORE 523C
Site name: QUIKTRIP CORP STORE 523
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 02/06/1994
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA Contractor/Grantee

W96
NE
> 1
1.051 mi.
5547 ft.

ARMY POST MSC/CELLSITE DES MOINES MSC — **TIER 2** — **S109945454**
1530 E ARMY POST ROAD — **N/A**
DES MOINES, IA 50320

Site 1 of 3 in cluster W

Relative:
Higher

Actual:
935 ft.

TIER 2:

State Id:	IA
Report Year:	2009
Fire District:	Des Moines Fire Department
Site Map:	F
Date Signed:	2010-02-11T09:14:04
Date Modified:	2010-02-09T15:05:02
Site Coord Abbreviation:	F
Latitude:	41.526449
Longitude:	-93.594157999999993
Dike Or Other Safeguard:	F
Mailing Address:	One Verizon Way VC51N069
Mail City:	Basking Ridge
Mail State:	NJ
Mail Zip:	07920
Mail Country:	US
Notes:	Not reported

Facility:

Record Key:	FDIDSIT2B40002851
Facility Record Id:	FAIDSIT2A00002851
Id:	Not reported
Description:	EIN #
Last Modified:	2010-02-09T15:05:02
Record Key:	FDIDSIT2B50002851
Facility Record Id:	FAIDSIT2A00002851
Id:	Not reported
Description:	TRIFID
Last Modified:	2010-02-09T15:05:02
Record Key:	FDIDSIT2B30002851
Facility Record Id:	FAIDSIT2A00002851
Id:	517212
Description:	NAICS
Last Modified:	2010-02-09T15:05:02
Record Key:	FDIDSIT2B20002851
Facility Record Id:	FAIDSIT2A00002851
Id:	Not reported
Description:	Dun & Bradstreet
Last Modified:	2010-02-09T15:05:02
Record Key:	FDIDSIT2B10002851
Facility Record Id:	FAIDSIT2A00002851
Id:	4812
Description:	SIC
Last Modified:	2010-02-09T15:05:02

Contact:

First Name:	Not reported
Last Name:	Richard A. Craig
Title:	Director, Compliance

ARMY POST MSC/CELLSITE DES MOINES MSC (Continued) **S109945454**

Email:	Not reported
Address:	Not reported
City:	Not reported
Country:	Not reported
State:	Not reported
Zip Code:	Not reported
Type1:	Emergency Contact
Type2:	Not reported
Type3:	Not reported
Type4:	Not reported
Contact Id:	CTIDSIT2F00012672
Date Modified:	2010-02-09T15:05:02
Telephone:	800-488-7900
Telephone Type:	24 Hr. Phone
Last Modified:	2010-02-09T15:05:02
Record Key:	PHIDSIT2H00038013
Contact Id:	CTIDSIT2F00012672
Telephone:	908-559-7260
Telephone Type:	Phone
Last Modified:	2010-02-09T15:05:02
Record Key:	PHIDSIT2H00038012
Contact Id:	CTIDSIT2F00012672

Contact:

First Name:	Not reported
Last Name:	Michael K. Minnich
Title:	Director, Network Operations
Email:	Not reported
Address:	Not reported
City:	Not reported
Country:	Not reported
State:	Not reported
Zip Code:	Not reported
Type1:	Emergency Contact
Type2:	Not reported
Type3:	Not reported
Type4:	Not reported
Contact Id:	CTIDSIT2F00012671
Date Modified:	2010-02-09T15:05:02
Telephone:	402-537-3151
Telephone Type:	Phone
Last Modified:	2010-02-09T15:05:02
Record Key:	PHIDSIT2H00038009
Contact Id:	CTIDSIT2F00012671
Telephone:	800-264-6620
Telephone Type:	24 Hr. Phone
Last Modified:	2010-02-09T15:05:02
Record Key:	PHIDSIT2H00038010
Contact Id:	CTIDSIT2F00012671

ARMY POST MSC/CELLSITE DES MOINES MSC (Continued) **S109945454**

Contact:

First Name:	Not reported
Last Name:	Verizon Wireless
Title:	Not reported
Email:	Not reported
Address:	One Verizon Way VC51N069
City:	Basking Ridge
Country:	US
State:	NJ
Zip Code:	07920
Type1:	Owner / Operator
Type2:	Not reported
Type3:	Not reported
Type4:	Not reported
Contact Id:	CTIDSIT2FO0002851
Date Modified:	2010-02-09T15:05:02
Telephone:	908-559-7260
Telephone Type:	Emergency
Last Modified:	2010-02-09T15:05:02
Record Key:	PHIDSIT2HO0002851
Contact Id:	CTIDSIT2FO0002851

Contact:

First Name:	Not reported
Last Name:	Verizon Wireless
Title:	Not reported
Email:	Not reported
Address:	One Verizon Way VC51N069
City:	Basking Ridge
Country:	Not reported
State:	NJ
Zip Code:	07920
Type1:	Mailing
Type2:	Not reported
Type3:	Not reported
Type4:	Not reported
Contact Id:	CTIDSIT2FM0002851
Date Modified:	2010-02-09T15:05:02
Telephone:	908-559-7265
Telephone Type:	Emergency
Last Modified:	2010-02-09T15:05:02
Record Key:	PHIDSIT2HM0002851
Contact Id:	CTIDSIT2FM0002851

Chemical:

Acute:	T
Ave Amount:	29957
Ave Amount Code:	04
Facility Id:	FAIDSIT2A00002851
Chem Inv Record Id:	CVIDSIT2C00014466
Chronic:	T
Cicas:	68476302

ARMY POST MSC/CELLSITE DES MOINES MSC (Continued) **S109945454**

EHS Chemical: F
Last Modified: 2010-02-09T14:55:09
Days On Site: 365
Chemical Name: DIESEL
Fire: T
Gas: F
Liquid: T
Max Amount: 29957
Max Amount Code: 04
Mixture: T
Pressure: F
Pure: F
Reactive: F
Solid: F
Trade Secret: F

Chemical Loc:
Record Key: CLIDSIT2D00022394
Chem Inv Record Id: CVIDSIT2C00014466
Facility Id: FAIDSIT2A00002851
Type Code: A
Pressure Code: 1
Temperature Code: 4
Location: EMERGENCY GENERATOR
Amount: 0

Acute: T
Ave Amount: 6857
Ave Amount Code: 03
Facility Id: FAIDSIT2A00002851
Chem Inv Record Id: CVIDSIT2C00014468
Chronic: T
Cicas: 7664939
EHS Chemical: T
Last Modified: 2010-02-09T14:56:13
Days On Site: 365
Chemical Name: SULFURIC ACID
Fire: T
Gas: F
Liquid: T
Max Amount: 6857
Max Amount Code: 03
Mixture: T
Pressure: F
Pure: F
Reactive: T
Solid: F
Trade Secret: F

Chemical Loc:
Record Key: CLIDSIT2D00035020
Chem Inv Record Id: CVIDSIT2C00014468
Facility Id: FAIDSIT2A00002851
Type Code: R
Pressure Code: 1
Temperature Code: 4
Location: IN BATTERIES IN BATTERY ROOM

ARMY POST MSC/CELLSITE DES MOINES MSC (Continued) **S109945454**

Amount: 0

Acute: T
Ave Amount: 72248
Ave Amount Code: 04
Facility Id: FAIDSIT2A00002851
Chem Inv Record Id: CVIDSIT2C00014467
Chronic: T
Cicas: 7439921
EHS Chemical: F
Last Modified: 2010-02-09T14:55:41
Days On Site: 365
Chemical Name: LEAD
Fire: F
Gas: F
Liquid: F
Max Amount: 72248
Max Amount Code: 04
Mixture: F
Pressure: F
Pure: T
Reactive: F
Solid: T
Trade Secret: F

Chemical Loc:
Record Key: CLIDSIT2D00022395
Chem Inv Record Id: CVIDSIT2C00014467
Facility Id: FAIDSIT2A00002851
Type Code: R
Pressure Code: 1
Temperature Code: 4
Location: BATTERIES IN BATTERY ROOM
Amount: 0

W97 **AST** **A100304969**
NE **1530 E. ARMY POST RD** **N/A**
> 1 **DES MOINES, IA**
1.051 mi.
5547 ft. **Site 2 of 3 in cluster W**

Relative:
Higher

Actual:
935 ft.

AST:
Key: Not reported
Tank Key Num: 3113
Fac County Code: 77
Registration Number: 15141
Year Of Manufacture (age): 2004
Size: 4000
Type: Fiberglass
Contents: Diesel
Plan Date: 7/9/2004
Registration Date: 2/10/2005
Plan Number: Not reported
Owners Name: Not reported
Owners Address: Not reported

(Continued) **A100304969**

Owners City,St,Zip: Not reported
Out of Service Date: Not reported
Amount Received: 10
Date Received: 8/3/2007

W98 **VERIZON WIRELESS** **FINDS** **1004466209**
NE **1530 EAST ARMY POST ROAD** **N/A**
> 1 **DES MOINES, IA 50320**
1.051 mi.
5547 ft. **Site 3 of 3 in cluster W**

Relative:
Higher

Actual:
935 ft.

FINDS:

Registry ID: 110001329508

Environmental Interest/Information System

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

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99 **7320 SOUTHVIEW DRIVE** **ERNS** **90175241**
West **7320 SOUTHVIEW DRIVE** **N/A**
> 1 **DES MOINES, IA 50309**
1.094 mi.
5776 ft.

Relative:
Lower

Actual:
871 ft.

Click this hyperlink while viewing on your computer to access additional ERNS detail in the EDR Site Report.

X100 **FORMER SERVICE STATION** **LUST** **S106059031**
NW **1000 ARMY POST RD** **HIST LUST** **N/A**
> 1 **DES MOINES, IA 50312**
1.120 mi.
5915 ft. **Site 1 of 4 in cluster X**

Relative:
Higher

Actual:
951 ft.

LUST:
Registration: 197910365
Leak Number: 9LTF68
Date Reported: 12/26/1997
Date Cleanup Started: 12/26/1997
Date Cleanup Completed: 7/27/1998
Record Description: No Action Required
Product Description: Unknown

HIST LUST:
Facility ID: 197910365

FORMER SERVICE STATION (Continued) **S106059031**

Leak Number:	9LTF68
Leak Entry Date:	01/06/98
Spill Number:	Not reported
Occur Date:	Not reported
Occur Time:	Not reported
Discover Date:	Not reported
Discover Time:	Not reported
Facility Addr 2:	Not reported
Facility Phone:	Not reported
Facility Fax1:	Not reported
Facility Fax2:	Not reported
Owner Name:	ROSETTA REESE
Owner Type:	Private/Corporate
Owner Addr:	5315 ROBERTSON DR
Owner City,St,Zip:	DES MOINES, IA 503120000
Owner Phone:	0000000000
Owner Fax:	Not reported
Lead:	State Fund
Coordinator:	ERD
Staff Initials:	Not reported
Leak Contact:	Not reported
Leak Address:	Not reported
Leak City,St,Zip:	0
Leak Phone:	0
Record Name:	GASTINEAU
Record Date:	1/5/1998 0:00
Record Location:	Lust
Reporter Name:	RUTH HUMMEL
Reporter Business:	BARKER ENVIRONMENTAL SERVICES
Reporter Date:	12/26/97
Reporter Addr:	1300 CUMMINS RD,201
Rprtr City,St,Zip:	DES MOINES, IA 503150000
Reporter Phone:	5152568814
Responsible Party:	Not reported
RP Company:	Not reported
RP Address:	Not reported
RP City,St,Zip:	0
RP Phone:	0
RP Ext:	Not reported
RP Fax:	Not reported
ER Date:	Not reported
Delete:	No
Ground Water Professional ID:	0
Ground Water Professional Due Date:	/ /
Ground Water Professional Received Date:	01/20/98
Corrective Action Design Report Id:	0
Corrective Action Design Due Date:	Not reported
Corrective Action Design Record Date:	/ /

IA Hist Lust Status:

ID:	413
Site Leak Number:	9LTF68
Discovered During:	Other
Tanks Removed:	00
Leak Cause:	UNK
Gas:	Not reported
Diesel:	Not reported
Oil:	Not reported

FORMER SERVICE STATION (Continued) **S106059031**

Kerosene:	Not reported
Released Fuel Oil:	Not reported
Released Hydraulic Oil:	Not reported
Released Other Petroleum:	Not reported
Released Unknown:	Yes
Released Non_Petroleum Chemical:	Not reported
Gallons Released:	UNK000000000
Leak Status:	Stopped
Loc Soil:	Yes
Loc Ground Water:	Yes
Loc Surface Water:	Not reported
Loc Water Supply:	Not reported
Res Public Water Supply:	Not reported
Resources Water Well:	Not reported
Res Actual Drinking WW:	Not reported
Res Non-Drink WW:	Not reported
respotprtg:	Not reported
ressoil:	Not reported
Res Ground Water:	Not reported
Res Surface Water:	Not reported
Res Toxic Vapor:	Not reported
Res Explosive Vapor:	Not reported
Res Other:	Not reported
Res Impacted Soil:	Not reported
Res Impacted Ground Water:	Not reported
Res Impacted Water Well:	Not reported
Res Impacted Pub Water Supply:	Not reported
Res Impacted Surface Water:	Not reported
Res Impacted Toxic Vapor:	Not reported
Res Impacted Explosive Vapor:	Not reported
Res Impacted Other:	Not reported
Res Impacted Drinking WW:	Not reported
Res Impacted Non-Drink WW:	Not reported
Res Impacted Potential Non Drink WW:	Not reported
Officials Onsite Health:	Not reported
Officials Onsite Fire:	Not reported
Officials Onsite Law:	Not reported
Officials Onsite Civil:	Not reported
Officials Onsite None:	Not reported
Officials Onsite Unknown:	Yes
Officials Onsite Other:	Not reported
AST:	Not reported
UST/LUST Other:	Not reported
Delete:	No

IA Hist Lust Cause:

Release Cause:	Unknown

IA Hist Lust Misc:

Misc Due Date:	2/15/98 0:00:00	Misc Rec Date:	1/20/98 0:00:00
Misc Other:	Not reported	Misc Title:	Not reported

IA Hist Lust Site Monitoring Report:

Site Monitoring Report Due Date:	Not reported
Site Monitoring Report Rec Date:	Not reported
Site Monitoring Report Reg Date:	Not reported

FORMER SERVICE STATION (Continued) **S106059031**

Site Monitoring Report Rejected Date:	Not reported
Site Monitoring Report Type:	Not reported
Reclassification Request Type:	Not reported
Site Monitoring Report Revd By:	Not reported
GW professional ID:	Not reported

IA Hist Lust Remediation:

Heat Treatment:	No
Land Application:	No
On Site:	No
Achieved Over-Excavation:	No
Soil Venting Passive:	No
Soil Venting Active:	No
Bioremediation Passive:	No
Bioremediation Active:	No
In Situ GW Treatment - Air Sparging:	No
Ground Water:	No
Fresh Water:	No
IGT - pH Adjustment:	No
Nutrient:	No
Oxygen:	No
Biological:	No
Permit Date:	Not reported
Other:	No
Surface Treatment - Carbon Absorption:	No
Biological:	No
ST Other:	No
TDT Sanitary Sewer:	No
TDT Storm Sewer:	No
Stream:	No
TDT Other:	No
Reduced Risk Plugged Well:	No
RR Replace:	No
RR Relocate:	No
RR Other:	No
Delete:	No

IA Hist Lust Free Product Recovery:

FPR Report Assesment Due:	Not reported
FPR Report Received:	Not reported
FPR Report Accepted:	Not reported
FPR Report Rejected:	Not reported
FPR Report Revised:	Not reported

IA Hist Lust Corrective Action Design Report:

Corrective Action Design Record Date:	Not reported
Corrective Action Design Received:	Not reported
Corrective Action Design Accepted:	Not reported
Corrective Action Design Rejected:	Not reported
Revised Report Received:	Not reported

IA Hist Lust Tier 1 Report:

T1 Assesment Due:	5/30/98 0:00:00
T1 Received:	6/5/98 0:00:00
Tier 1 Consultant Recommends:	Not reported

FORMER SERVICE STATION (Continued) **S106059031**

T1 Accepted:	7/24/98 0:00:00
T1 Rejected:	Not reported
T1 Revised:	Not reported
T1 Reviewed:	Not reported

IA Hist Lust Tier 2 Report:

T2 Assesment Due:	Not reported
T2 Received:	Not reported
T2 Accepted:	Not reported
T2 Rejected:	Not reported
T2 Reviewed:	Not reported

IA Hist Lust Tier 3 Report:

T3 Assesment Due:	Not reported
T3 Received:	Not reported
T3 Accepted:	Not reported
T3 Rejected:	Not reported

IA Hist Lust Administration:

ID:	413
Owner Identified:	Yes
Responsible Party Found:	Yes
RP Date:	1/6/98 0:00:00
Owner Broke:	No
ER Date:	Not reported
Cost Recovery Start Dt:	Not reported
CR Notice of Intent Dt:	Not reported
CR Appeal of NOI Dt:	Not reported
CR Final Decision Dt:	Not reported
CR EP Comm Lien Approval Dt:	Not reported
CR Lien:	Not reported
CR Ten Yr Renewal Dt:	Not reported
CR Lien Named:	No
crtyrdate:	Not reported
CR Remediation:	Not reported
Delete:	No
CR Amnt Received:	Not reported
CR End Date:	Not reported

IA Hist Lust 28E:

Counter:	Not reported
Staff Initials:	Not reported
Type:	Not reported
County:	Not reported
Part Of State:	Not reported
Priority Number:	Not reported
Reason:	Not reported
Responsible Party:	Not reported
rfpno:	Not reported
Removed:	Not reported
Date Removed:	Not reported
Field Office:	Not reported
Newlist:	Not reported
State Lead:	Not reported
Access Letter Mailed:	Not reported

FORMER SERVICE STATION (Continued) **S106059031**

Owner Signed Access:	Not reported
Signed Access to Contractor:	Not reported
Contractor Signed Access:	Not reported
Final Access Mailed:	Not reported
nfr:	Not reported
Start Date:	Not reported

IA Hist Lust AO:

Seq Number:	Not reported
Distribution:	Not reported
UST/LUST Other:	Not reported
Order Type:	Not reported
Legal Ref Start:	Not reported
Division ADM Date:	Not reported
CE Bureau Date:	Not reported
AO Issue Date:	Not reported
AO Number:	Not reported
Name Of Parties:	Not reported
Penalty Due Date:	Not reported
Penalty Amount:	Not reported
Penalty Paid Date:	Not reported
Penalty Amount Paid:	Not reported
AO Appeal Date:	Not reported
ALJ Decision Date:	Not reported
EPC Decision Date:	Not reported
Attorney Gen Ref Date:	Not reported
Final Court Decision:	Not reported
Case Number:	Not reported
County:	Not reported
Action Required:	Not reported
Compliance Due:	Not reported
In Compliance Date:	Not reported
Removed:	Not reported
Staff Initials:	Not reported

IA Hist Lust ATP:

Seq Number:	Not reported
Last Name:	Not reported
Priority Rank:	Not reported
Type:	Not reported
Reason:	Not reported
ATP Due:	Not reported
ATP Letter:	Not reported
Financial Documents Recvd:	Not reported
Able/Unable To Pay:	Not reported
Final Letter:	Not reported
Project Complete:	Not reported
RP Able to Pay:	Not reported
Project Removed:	Not reported
Staff Initials:	Not reported
Comment:	Not reported

IA Hist Lust Contract:

Seq Number:	Not reported
Tank City:	Not reported
Staff Initials:	Not reported

FORMER SERVICE STATION (Continued) **S106059031**

Score:	Not reported
Scope Completed:	Not reported
Advertise:	Not reported
Receive Bids:	Not reported
Commission Approval:	Not reported
Contract Approved:	Not reported
Original Contract Amt:	Not reported
Change Orders:	Not reported
Paid to Date:	Not reported
SCR/CADR Received:	Not reported
SCR/CADR Approved:	Not reported
Contract:	Not reported

IA Hist Lust Bedrock Well:

ID:	Not reported
Category:	Not reported
Sample Water Supply:	Not reported
GIS Survey:	Not reported

IA Hist Lust Inst Control:

Inst Control Begin:	Not reported
Inst Control Type:	Not reported

IA Hist Lust Track:

ID:	413
Site Assesment Start Date:	12/26/97 0:00:00
Free Product Recvry End Date:	Not reported
FP Letter Sent Date:	Not reported
FP Report Frequency:	Not reported
Assesment Report Due:	Not reported
Assesment Report Received:	Not reported
Assesment Report Approved:	Not reported
Achieved Over-Excavation:	Not reported
Release Not Verified Date:	Not reported
Ref to Contaminated Site Section:	Not reported
Cleanup Start Date:	12/26/97 0:00:00
Cleanup Complete Date:	7/27/98 0:00:00
Cleanup Report Due Date:	Not reported
Cleanup Report Received Date:	Not reported
Cleanup Report Approved Date:	Not reported
Check Report Due Date:	Not reported
Check Report Received Date:	Not reported
Check Report Rejected Date:	Not reported
Check Report Approved Date:	Not reported
Date Classified:	7/27/98 0:00:00
Risk Classification -NFA:	Yes
Class - Low Risk:	No
Class - High Risk:	No
Lust Current:	No Action Required
Tier 1 Consultant Recommends:	Not reported
T1 Actual GW Ingestion:	No
T1 Poten GW Ingestion from Protected GW:	No
T1 Poten GW Ingestion from Protected GW:	No
T1 GW Vapor to Enclosed Space:	No
T1 GW to Plastic Water Line:	No
T1 Surface Water:	No

FORMER SERVICE STATION (Continued) **S106059031**

T1 Soil Leaching to GW:	No
T1 Soil Vapor to Enclosed Space:	No
T1 Soil to Plastic Line:	No
Tier 2 Consultant Recommends:	Not reported
T2 Actual GW Ingestion:	Not reported
T2 Poten GW Ingestion from Protected GW:	Not reported
T2 Poten GW Ingestion from Protected GW:	Not reported
T2 GW Vapor to Enclosed Space:	Not reported
T2 GW to Plastic Water Line:	Not reported
T2 SW General Use:	Not reported
T2 SW Designated Use:	Not reported
T2 Soil Leaching to GW:	Not reported
T2 Soil Vapor to Enclosed Space:	Not reported
T2 Soil to Plastic Line:	Not reported
Institutional Control Obtained:	No
NFA Certificate Sent:	10/1/98 0:00:00
No Action Required:	**No**
Priority Ranking:	Not reported
Delete:	No

X101 **FORMER SVC STA** **FINDS** **1011286495**
NW **1000 ARMY POST RD** **N/A**
> 1 **DES MOINES, IA 50312**
1.120 mi.
5915 ft. **Site 2 of 4 in cluster X**

Relative:
Higher

Actual:
951 ft.

FINDS:

Registry ID: 110036180842

Environmental Interest/Information System
IDNR-EFD (Iowa Department Of Natural Resources - Emission Factor Documentation) provides information about existing emission factors

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Y102 **LUBRICATIONS OF DES MOINES #3, LTD** **TIER 2** **S109947044**
NE **6140 SE 14TH STREET** **N/A**
> 1 **DES MOINES, IA 50320**
1.129 mi.
5960 ft. **Site 1 of 3 in cluster Y**

Relative:
Higher

Actual:
929 ft.

TIER 2:

State Id:	IA
Report Year:	2009
Fire District:	Des Moines Fire Department
Site Map:	F
Date Signed:	2010-02-16T08:25:59
Date Modified:	2008-06-02T14:12:45
Site Coord Abbreviation:	F
Latitude:	41.529578000000001
Longitude:	-93.596956000000006
Dike Or Other Safeguard:	F
Mailing Address:	PO Box 3643
Mail City:	Urbandale
Mail State:	IA

LUBRICATIONS OF DES MOINES #3, LTD (Continued) **S109947044**

Mail Zip: 50323
Mail Country: US
Notes: Not reported

Facility:
Record Key: FDIDSIT2B40002195
Facility Record Id: FAIDSIT2A00002195
Id: Not reported
Description: EIN #
Last Modified: 2008-06-02T14:12:45

Record Key: FDIDSIT2B30002195
Facility Record Id: FAIDSIT2A00002195
Id: 811191
Description: NAICS
Last Modified: 2008-06-02T14:12:45

Record Key: FDIDSIT2B50002195
Facility Record Id: FAIDSIT2A00002195
Id: Not reported
Description: TRIFID
Last Modified: 2008-06-02T14:12:45

Record Key: FDIDSIT2B20002195
Facility Record Id: FAIDSIT2A00002195
Id: Not reported
Description: Dun & Bradstreet
Last Modified: 2008-06-02T14:12:45

Record Key: FDIDSIT2B10002195
Facility Record Id: FAIDSIT2A00002195
Id: 2992
Description: SIC
Last Modified: 2008-06-02T14:12:45

Contact:
First Name: Not reported
Last Name: Aimee
Title: regional mgr
Email: Not reported
Address: Not reported
City: Not reported
Country: Not reported
State: Not reported
Zip Code: Not reported
Type1: Emergency Contact
Type2: Not reported
Type3: Not reported
Type4: Not reported
Contact Id: CTIDSIT2F00007353
Date Modified: 2008-06-02T14:12:45

Telephone: 515-254-1918
Telephone Type: Phone
Last Modified: 2008-06-02T14:12:45
Record Key: PHIDSIT2H00022057
Contact Id: CTIDSIT2F00007353

LUBRICATIONS OF DES MOINES #3, LTD (Continued) **S109947044**

Telephone:	515-240-1794
Telephone Type:	24 Hr. Phone
Last Modified:	2008-06-02T14:12:45
Record Key:	PHIDSIT2H00022058
Contact Id:	CTIDSIT2F00007353

Contact:

First Name:	Not reported
Last Name:	Gordon Ord
Title:	Not reported
Email:	Not reported
Address:	PO Box 129
City:	Council Bluffs
Country:	US
State:	IA
Zip Code:	51502
Type1:	Owner / Operator
Type2:	Not reported
Type3:	Not reported
Type4:	Not reported
Contact Id:	CTIDSIT2FO0002195
Date Modified:	2008-06-02T14:12:45

Telephone:	515-491-6225
Telephone Type:	Emergency
Last Modified:	2008-06-02T14:12:45
Record Key:	PHIDSIT2HO0002195
Contact Id:	CTIDSIT2FO0002195

Contact:

First Name:	Not reported
Last Name:	Jiffy Lube
Title:	Not reported
Email:	Not reported
Address:	PO Box 3643
City:	Urbandale
Country:	Not reported
State:	IA
Zip Code:	50323
Type1:	Mailing
Type2:	Not reported
Type3:	Not reported
Type4:	Not reported
Contact Id:	CTIDSIT2FM0002195
Date Modified:	2008-06-02T14:12:45

Telephone:	Not reported
Telephone Type:	Emergency
Last Modified:	2008-06-02T14:12:45
Record Key:	PHIDSIT2HM0002195
Contact Id:	CTIDSIT2FM0002195

LUBRICATIONS OF DES MOINES #3, LTD (Continued) **S109947044**

Contact:

First Name:	Not reported
Last Name:	Gordon
Title:	President
Email:	Not reported
Address:	Not reported
City:	Not reported
Country:	Not reported
State:	Not reported
Zip Code:	Not reported
Type1:	Emergency Contact
Type2:	Not reported
Type3:	Not reported
Type4:	Not reported
Contact Id:	CTIDSIT2F00007354
Date Modified:	2008-06-02T14:12:45
Telephone:	515-491-6225
Telephone Type:	Phone
Last Modified:	2008-06-02T14:12:45
Record Key:	PHIDSIT2H00022060
Contact Id:	CTIDSIT2F00007354
Telephone:	515-491-6225
Telephone Type:	24 Hr. Phone
Last Modified:	2008-06-02T14:12:45
Record Key:	PHIDSIT2H00022061
Contact Id:	CTIDSIT2F00007354

Chemical:

Acute:	F
Ave Amount:	50
Ave Amount Code:	01
Facility Id:	FAIDSIT2A00002195
Chem Inv Record Id:	CVIDSIT2C00012187
Chronic:	F
Cicas:	N/A
EHS Chemical:	F
Last Modified:	2008-06-02T14:12:00
Days On Site:	365
Chemical Name:	AINCDIALMYDITHIOCARBAMATE
Fire:	T
Gas:	F
Liquid:	F
Max Amount:	120
Max Amount Code:	02
Mixture:	T
Pressure:	F
Pure:	F
Reactive:	T
Solid:	T
Trade Secret:	F

Chemical Loc:

Record Key:	CLIDSIT2D00039669
Chem Inv Record Id:	CVIDSIT2C00012187

LUBRICATIONS OF DES MOINES #3, LTD (Continued) **S109947044**

Facility Id: FAIDSIT2A00002195
Type Code: D
Pressure Code: 1
Temperature Code: 4
Location: BACKROOM
Amount: 0

Acute: F
Ave Amount: 600
Ave Amount Code: 02
Facility Id: FAIDSIT2A00002195
Chem Inv Record Id: CVIDSIT2C00012189
Chronic: F
Cicas: 67561
EHS Chemical: F
Last Modified: 2008-06-02T14:12:45
Days On Site: 365
Chemical Name: METHANOL
Fire: T
Gas: F
Liquid: T
Max Amount: 1400
Max Amount Code: 03
Mixture: T
Pressure: F
Pure: F
Reactive: T
Solid: F
Trade Secret: F

Chemical Loc:
Record Key: CLIDSIT2D00039670
Chem Inv Record Id: CVIDSIT2C00012189
Facility Id: FAIDSIT2A00002195
Type Code: C
Pressure Code: 1
Temperature Code: 4
Location: BACKROOM
Amount: 0

Acute: F
Ave Amount: 9000
Ave Amount Code: 03
Facility Id: FAIDSIT2A00002195
Chem Inv Record Id: CVIDSIT2C00012188
Chronic: F
Cicas: 103231
EHS Chemical: F
Last Modified: 2008-06-02T14:11:09
Days On Site: 365
Chemical Name: 1% ZINCDIALKYLOIHIOPHOSPHATE
Fire: T
Gas: F
Liquid: T
Max Amount: 18175
Max Amount Code: 04

LUBRICATIONS OF DES MOINES #3, LTD (Continued) **S109947044**

Mixture:	T
Pressure:	F
Pure:	F
Reactive:	T
Solid:	F
Trade Secret:	F

Chemical Loc:

Record Key:	CLIDSIT2D00039668
Chem Inv Record Id:	CVIDSIT2C00012188
Facility Id:	FAIDSIT2A00002195
Type Code:	C
Pressure Code:	1
Temperature Code:	4
Location:	BASEMENT
Amount:	0

Record Key:	CLIDSIT2D00039667
Chem Inv Record Id:	CVIDSIT2C00012188
Facility Id:	FAIDSIT2A00002195
Type Code:	C
Pressure Code:	1
Temperature Code:	4
Location:	BACKROOM
Amount:	0

103
WNW
> 1
1.130 mi.
5968 ft.

Relative:
Higher

Actual:
938 ft.

1115 WEST ST., DES MOINES, IA **SPILLS** **S105272553**
DES MOINES, IA **N/A**

SPILL:

Facility ID:	100900-DLP-1330
Reported Date:	10/9/2000
Reported Time:	1:30:00 PM
Taken By:	Dave Perry
Spill Date:	10/9/2000
Spill Time:	10:00:00 AM
6 hr Letter:	FALSE
Continuous Release:	FALSE
Incident Location:	Not reported
Incident Mode:	Transportation
Incident Type:	Petroleum
Incident Medium Land:	TRUE
Incident Medium Water:	FALSE
Incident Medium Air:	FALSE
Initial Instructions:	An absorbent material was used to pick up the free product from the road surface.
Events:	Hydraulic hose broke resulting in the release of 3 gallons of hydraulic oil onto the road's surface.

Y104
NE
> 1
1.130 mi.
5969 ft.

MENARDS
6101 SE 14TH STREET
DES MOINES, IA 50320

Site 2 of 3 in cluster Y

FINDS **1011284376**
N/A

Relative:
Higher

Actual:
930 ft.

FINDS:

Registry ID: 110036197004

Environmental Interest/Information System
IDNR-EFD (Iowa Department Of Natural Resources - Emission Factor Documentation) provides information about existing emission factors

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Y105
NE
> 1
1.130 mi.
5969 ft.

MENARDS
6101 SE 14TH STREET
DES MOINES, IA 50320

Site 3 of 3 in cluster Y

LUST **U003172538**
HIST LUST **N/A**
UST
HIST UST

Relative:
Higher

Actual:
930 ft.

LUST:

Registration:	199317600
Leak Number:	8LTZ12
Date Reported:	5/10/1994
Date Cleanup Started:	10/26/1995
Date Cleanup Completed:	10/26/1995
Record Description:	No Action Required
Product Description:	Gasoline

Registration:	199317600
Leak Number:	8LTZ12
Date Reported:	5/10/1994
Date Cleanup Started:	10/26/1995
Date Cleanup Completed:	10/26/1995
Record Description:	No Action Required
Product Description:	Diesel

HIST LUST:

Facility ID:	199317600
Leak Number:	8LTZ12
Leak Entry Date:	05/16/94
Spill Number:	Not reported
Occur Date:	Not reported
Occur Time:	Not reported
Discover Date:	11/4/1993 0:00
Discover Time:	Not reported
Facility Addr 2:	Not reported
Facility Phone:	Not reported
Facility Fax1:	Not reported
Facility Fax2:	Not reported
Owner Name:	MENARD INC
Owner Type:	Private/Corporate
Owner Addr:	4777 MENARD DRIVE
Owner City,St,Zip:	EAU CLAIRE, WI 547030000
Owner Phone:	7158765911
Owner Fax:	Not reported
Lead:	Responsible Party
Coordinator:	ERD

MENARDS (Continued) **U003172538**

Staff Initials:	ERD
Leak Contact:	DENNIS BEHRENS
Leak Address:	Not reported
Leak City,St,Zip:	0
Leak Phone:	7158765911
Record Name:	ROGGE
Record Date:	5/13/1994 0:00
Record Location:	UST
Reporter Name:	RUTH HUMMEL
Reporter Business:	DAHL
Reporter Date:	05/10/94
Reporter Addr:	939 OFFICE PARK RD
Rprtr City,St,Zip:	WEST DES MOINES, IA 502650000
Reporter Phone:	5152221127
Responsible Party:	Not reported
RP Company:	Not reported
RP Address:	Not reported
RP City,St,Zip:	0
RP Phone:	0
RP Ext:	Not reported
RP Fax:	Not reported
ER Date:	Not reported
Delete:	No
Ground Water Professional ID:	0
Ground Water Professional Due Date:	06/26/94
Ground Water Professional Received Date:	08/28/95
Corrective Action Design Report Id:	0
Corrective Action Design Due Date:	Not reported
Corrective Action Design Record Date:	/ /

IA Hist Lust Status:

ID:	5567
Site Leak Number:	8LTZ12
Discovered During:	Removal
Tanks Removed:	02
Leak Cause:	UNK
Gas:	Yes
Diesel:	Yes
Oil:	Not reported
Kerosene:	Not reported
Released Fuel Oil:	Not reported
Released Hydraulic Oil:	Not reported
Released Other Petroleum:	Not reported
Released Unknown:	Not reported
Released Non_Petroleum Chemical:	Not reported
Gallons Released:	UNK000000000
Leak Status:	Stopped
Loc Soil:	Not reported
Loc Ground Water:	Yes
Loc Surface Water:	Not reported
Loc Water Supply:	Not reported
Res Public Water Supply:	Not reported
Resources Water Well:	Not reported
Res Actual Drinking WW:	Not reported
Res Non-Drink WW:	Not reported
respotprtg:	Not reported
ressoil:	Not reported
Res Ground Water:	Not reported

MENARDS (Continued) **U003172538**

Res Surface Water:	Not reported
Res Toxic Vapor:	Not reported
Res Explosive Vapor:	Not reported
Res Other:	Not reported
Res Impacted Soil:	Not reported
Res Impacted Ground Water:	Not reported
Res Impacted Water Well:	Not reported
Res Impacted Pub Water Supply:	Not reported
Res Impacted Surface Water:	Not reported
Res Impacted Toxic Vapor:	Not reported
Res Impacted Explosive Vapor:	Not reported
Res Impacted Other:	Not reported
Res Impacted Drinking WW:	Not reported
Res Impacted Non-Drink WW:	Not reported
Res Impacted Potential Non Drink WW:	Not reported
Officials Onsite Health:	Not reported
Officials Onsite Fire:	Not reported
Officials Onsite Law:	Not reported
Officials Onsite Civil:	Not reported
Officials Onsite None:	Not reported
Officials Onsite Unknown:	Yes
Officials Onsite Other:	Not reported
AST:	Not reported
UST/LUST Other:	Not reported
Delete:	No

IA Hist Lust Cause:

Release Cause:	Unknown

IA Hist Lust Misc:

Misc Due Date:	Not reported	Misc Rec Date:	Not reported
Misc Other:	Not reported	Misc Title:	Not reported

IA Hist Lust Site Monitoring Report:

Site Monitoring Report Due Date:	Not reported
Site Monitoring Report Rec Date:	Not reported
Site Monitoring Report Reg Date:	Not reported
Site Monitoring Report Rejected Date:	Not reported
Site Monitoring Report Type:	Not reported
Reclassification Request Type:	Not reported
Site Monitoring Report Revd By:	Not reported
GW professional ID:	Not reported

IA Hist Lust Remediation:

Heat Treatment:	No
Land Application:	No
On Site:	No
Achieved Over-Excavation:	No
Soil Venting Passive:	No
Soil Venting Active:	No
Bioremediation Passive:	No
Bioremediation Active:	No
In Situ GW Treatment - Air Sparging:	No
Ground Water:	No
Fresh Water:	No

MENARDS (Continued) **U003172538**

IGT - pH Adjustment:	No
Nutrient:	No
Oxygen:	No
Biological:	No
Permit Date:	Not reported
Other:	No
Surface Treatment - Carbon Absorption:	No
Biological:	No
ST Other:	No
TDT Sanitary Sewer:	No
TDT Storm Sewer:	No
Stream:	No
TDT Other:	No
Reduced Risk Plugged Well:	No
RR Replace:	No
RR Relocate:	No
RR Other:	No
Delete:	No

IA Hist Lust Free Product Recovery:

FPR Report Assesment Due:	Not reported
FPR Report Received:	Not reported
FPR Report Accepted:	Not reported
FPR Report Rejected:	Not reported
FPR Report Revised:	Not reported

IA Hist Lust Corrective Action Design Report:

Corrective Action Design Record Date:	Not reported
Corrective Action Design Received:	Not reported
Corrective Action Design Accepted:	Not reported
Corrective Action Design Rejected:	Not reported
Revised Report Received:	Not reported

IA Hist Lust Tier 1 Report:

T1 Assesment Due:	Not reported
T1 Received:	Not reported
Tier 1 Consultant Recommends:	Not reported
T1 Accepted:	Not reported
T1 Rejected:	Not reported
T1 Revised:	Not reported
T1 Reviewed:	Not reported

IA Hist Lust Tier 2 Report:

T2 Assesment Due:	Not reported
T2 Received:	Not reported
T2 Accepted:	Not reported
T2 Rejected:	Not reported
T2 Reviewed:	Not reported

IA Hist Lust Tier 3 Report:

T3 Assesment Due:	Not reported
T3 Received:	Not reported
T3 Accepted:	Not reported
T3 Rejected:	Not reported

MENARDS (Continued) **U003172538**

IA Hist Lust Administration:

ID:	5567
Owner Identified:	Yes
Responsible Party Found:	Yes
RP Date:	5/16/94 0:00:00
Owner Broke:	No
ER Date:	Not reported
Cost Recovery Start Dt:	Not reported
CR Notice of Intent Dt:	Not reported
CR Appeal of NOI Dt:	Not reported
CR Final Decision Dt:	Not reported
CR EP Comm Lien Approval Dt:	Not reported
CR Lien:	Not reported
CR Ten Yr Renewal Dt:	Not reported
CR Lien Named:	No
crtyrdate:	Not reported
CR Remediation:	Not reported
Delete:	No
CR Amnt Received:	Not reported
CR End Date:	Not reported

IA Hist Lust 28E:

Counter:	Not reported
Staff Initials:	Not reported
Type:	Not reported
County:	Not reported
Part Of State:	Not reported
Priority Number:	Not reported
Reason:	Not reported
Responsible Party:	Not reported
rfpno:	Not reported
Removed:	Not reported
Date Removed:	Not reported
Field Office:	Not reported
Newlist:	Not reported
State Lead:	Not reported
Access Letter Mailed:	Not reported
Owner Signed Access:	Not reported
Signed Access to Contractor:	Not reported
Contractor Signed Access:	Not reported
Final Access Mailed:	Not reported
nfr:	Not reported
Start Date:	Not reported

IA Hist Lust AO:

Seq Number:	Not reported
Distribution:	Not reported
UST/LUST Other:	Not reported
Order Type:	Not reported
Legal Ref Start:	Not reported
Division ADM Date:	Not reported
CE Bureau Date:	Not reported
AO Issue Date:	Not reported
AO Number:	Not reported
Name Of Parties:	Not reported
Penalty Due Date:	Not reported

MENARDS (Continued) **U003172538**

Penalty Amount:	Not reported
Penalty Paid Date:	Not reported
Penalty Amount Paid:	Not reported
AO Appeal Date:	Not reported
ALJ Decision Date:	Not reported
EPC Decision Date:	Not reported
Attorney Gen Ref Date:	Not reported
Final Court Decision:	Not reported
Case Number:	Not reported
County:	Not reported
Action Required:	Not reported
Compliance Due:	Not reported
In Compliance Date:	Not reported
Removed:	Not reported
Staff Initials:	Not reported

IA Hist Lust ATP:

Seq Number:	Not reported
Last Name:	Not reported
Priority Rank:	Not reported
Type:	Not reported
Reason:	Not reported
ATP Due:	Not reported
ATP Letter:	Not reported
Financial Documents Recvd:	Not reported
Able/Unable To Pay:	Not reported
Final Letter:	Not reported
Project Complete:	Not reported
RP Able to Pay:	Not reported
Project Removed:	Not reported
Staff Initials:	Not reported
Comment:	Not reported

IA Hist Lust Contract:

Seq Number:	Not reported
Tank City:	Not reported
Staff Initials:	Not reported
Score:	Not reported
Scope Completed:	Not reported
Advertise:	Not reported
Receive Bids:	Not reported
Commission Approval:	Not reported
Contract Approved:	Not reported
Original Contract Amt:	Not reported
Change Orders:	Not reported
Paid to Date:	Not reported
SCR/CADR Received:	Not reported
SCR/CADR Approved:	Not reported
Contract:	Not reported

IA Hist Lust Bedrock Well:

ID:	Not reported
Category:	Not reported
Sample Water Supply:	Not reported
GIS Survey:	Not reported

MENARDS (Continued) **U003172538**

IA Hist Lust Inst Control:

Inst Control Begin:	Not reported
Inst Control Type:	Not reported

IA Hist Lust Track:

ID:	5567
Site Assesment Start Date:	5/26/94 0:00:00
Free Product Recvry End Date:	Not reported
FP Letter Sent Date:	Not reported
FP Report Frequency:	Not reported
Assesment Report Due:	Not reported
Assesment Report Received:	Not reported
Assesment Report Approved:	Not reported
Achieved Over-Excavation:	Not reported
Release Not Verified Date:	Not reported
Ref to Contaminated Site Section:	Not reported
Cleanup Start Date:	10/26/95 0:00:00
Cleanup Complete Date:	10/26/95 0:00:00
Cleanup Report Due Date:	11/26/94 0:00:00
Cleanup Report Received Date:	8/28/95 0:00:00
Cleanup Report Approved Date:	10/26/95 0:00:00
Check Report Due Date:	Not reported
Check Report Received Date:	Not reported
Check Report Rejected Date:	Not reported
Check Report Approved Date:	Not reported
Date Classified:	10/26/95 0:00:00
Risk Classification -NFA:	Yes
Class - Low Risk:	No
Class - High Risk:	No
Lust Current:	No Action Required
Tier 1 Consultant Recommends:	Not reported
T1 Actual GW Ingestion:	No
T1 Poten GW Ingestion from Protected GW:	No
T1 Poten GW Ingestion from Protected GW:	No
T1 GW Vapor to Enclosed Space:	No
T1 GW to Plastic Water Line:	No
T1 Surface Water:	No
T1 Soil Leaching to GW:	No
T1 Soil Vapor to Enclosed Space:	No
T1 Soil to Plastic Line:	No
Tier 2 Consultant Recommends:	Not reported
T2 Actual GW Ingestion:	Not reported
T2 Poten GW Ingestion from Protected GW:	Not reported
T2 Poten GW Ingestion from Protected GW:	Not reported
T2 GW Vapor to Enclosed Space:	Not reported
T2 GW to Plastic Water Line:	Not reported
T2 SW General Use:	Not reported
T2 SW Designated Use:	Not reported
T2 Soil Leaching to GW:	Not reported
T2 Soil Vapor to Enclosed Space:	Not reported
T2 Soil to Plastic Line:	Not reported
Institutional Control Obtained:	No
NFA Certificate Sent:	11/9/95 0:00:00
No Action Required:	**No**
Priority Ranking:	Not reported
Delete:	No

MENARDS (Continued) **U003172538**

UST:
Registration: 199317600

UST:
Registration: 199317600
Status Description: Regulated tanks - r/f
Type Description: Private/Corporate

Tank Id: 42209
Install Date: 12/1/1985
Status Description: Regulated tanks - r/f
Capacity: 2000
Content Description: Diesel

Registration: 199317600
Tank Id: 42210
Install Date: 12/1/1985
Status Description: Regulated tanks - r/f
Capacity: 2000
Content Description: Gasoline

HIST UST:

Tank Number:	001
Tank Status:	**Regulated tanks - r/f**
Tank Type:	Commercial
Tank Capacity:	2000
Currently In Use:	No
Tank Material and Construction:	Steel
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Yes
Temp Closed Date:	Not reported
Site Install Date:	12/1/85 0:00:00
Date Removed:	10/29/93 0:00:00
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Yes
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported

MENARDS (Continued) **U003172538**

TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Yes
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Yes
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Not reported
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

Tank Number:	002
Tank Status:	**Regulated tanks - r/f**

MENARDS (Continued) **U003172538**

Tank Type:	Commercial
Tank Capacity:	2000
Currently In Use:	No
Tank Material and Construction:	Steel
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Yes
Temp Closed Date:	Not reported
Site Install Date:	12/1/85 0:00:00
Date Removed:	10/29/93 0:00:00
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Yes
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Yes
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Yes
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Not reported
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported

MENARDS (Continued) **U003172538**

Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

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Z106 **NOAH'S CLEANERS INC** **RCRA-CESQG 1004467221**
NW **6115 SW 9TH STREET** **FINDS IAD022128201**
> 1 **DES MOINES, IA 50315**
1.166 mi.
6155 ft. **Site 1 of 7 in cluster Z**

Relative:
Higher

Actual:
950 ft.

RCRA-CESQG:

Date form received by agency:	04/03/1995
Facility name:	NOAHS CLEANERS INC
Facility address:	6115 SW 9TH ST DES MOINES, IA 50315
EPA ID:	IAD022128201
Mailing address:	SW 9TH ST DES MOINES, IA 50315
Contact:	DAVE NOAH
Contact address:	6115 SW 9TH ST DES MOINES, IA 50315
Contact country:	US
Contact telephone:	(515) 285-3131
Contact email:	Not reported
EPA Region:	07
Land type:	Private
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous

NOAH'S CLEANERS INC (Continued) **1004467221**

waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:
Owner/operator name: DAVE NOAH
Owner/operator address: 3021 RHETT CIR
DES MOINES, IA 50321
Owner/operator country: Not reported
Owner/operator telephone: (515) 284-1169
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): Unknown
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Verified to be non-commercial

Historical Generators:
Date form received by agency: 01/17/1994
Facility name: NOAHS CLEANERS INC
Classification: Small Quantity Generator

Hazardous Waste Summary:
Waste code: D000
Waste name: Not Defined

Waste code: D000
Waste name: Not Defined

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS

NOAH'S CLEANERS INC (Continued) **1004467221**

CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 01/17/1994
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA Contractor/Grantee

FINDS:

Registry ID: 110009361207

Environmental Interest/Information System

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

X107 **SEARS STORE #2392** **UST U002039868**
NW **1111 ARMY POST RD** **HIST UST N/A**
> 1 **DES MOINES, IA 50315**
1.169 mi.
6170 ft. **Site 3 of 4 in cluster X**

Relative: Higher

UST:
Registration: 199417730

Actual: 951 ft.

UST:
Registration: 199417730
Status Description: Regulated tanks - r/f
Type Description: Private/Corporate

Tank Id: 42457
Install Date: 12/1/1976
Status Description: Regulated tanks - r/f
Capacity: 2000

SEARS STORE #2392 (Continued) **U002039868**

Content Description: Used Oil

Registration: 199417730
Tank Id: 42458
Install Date: 12/1/1900
Status Description: Non-regulated heating oil tank - r/f
Capacity: 10000
Content Description: Other

HIST UST:

Tank Number:	001
Tank Status:	**Regulated tanks - r/f**
Tank Type:	Commercial
Tank Capacity:	2000
Currently In Use:	No
Tank Material and Construction:	FRP
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported
Site Install Date:	12/1/76 0:00:00
Date Removed:	9/12/94 0:00:00
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	1/1/00 0:00:00
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Yes
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Yes
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported

SEARS STORE #2392 (Continued) **U002039868**

LDS Manual Guaging:	Yes
LDS None:	Yes
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Not reported
PCP Fiberglass Reinforced Plastic:	Yes
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

Tank Number:	002
Tank Status:	**Non-regulated heating oil tank - r/f**
Tank Type:	Commercial
Tank Capacity:	10000
Currently In Use:	No
Tank Material and Construction:	Steel
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported
Site Install Date:	12/1/00 0:00:00
Date Removed:	9/14/94 0:00:00
Filled Inert:	Not reported
Date Filled in Place:	Not reported

SEARS STORE #2392 (Continued) **U002039868**

Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	1/1/00 0:00:00
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Not reported
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Not reported
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported

SEARS STORE #2392 (Continued) **U002039868**

PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

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X108 **SEARS STORE #2392** **FINDS** **1011288957**
NW **1111 ARMY POST RD** **N/A**
> 1 **DES MOINES, IA 50315**
1.169 mi.
6170 ft. **Site 4 of 4 in cluster X**

Relative:
Higher

Actual:
951 ft.

FINDS:

Registry ID: 110036343855

Environmental Interest/Information System
IDNR-EFD (Iowa Department Of Natural Resources - Emission Factor Documentation) provides information about existing emission factors

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AA109 **MAC CO INC** **RCRA-NonGen** **1004689367**
WNW **1135 ARMY POST RD** **FINDS** **IAD005315312**
> 1 **DES MOINES, IA 50315**
1.190 mi.
6283 ft. **Site 1 of 3 in cluster AA**

Relative:
Higher

Actual:
953 ft.

RCRA-NonGen:

Date form received by agency:	11/19/1980
Facility name:	MAC CO INC
Facility address:	1135 ARMY POST RD DES MOINES, IA 50315
EPA ID:	IAD005315312
Mailing address:	ARMY POST RD DES MOINES, IA 50315
Contact:	Not reported
Contact address:	Not reported Not reported
Contact country:	Not reported
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	07
Classification:	Non-Generator

MAC CO INC (Continued) **1004689367**

Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: X
Owner/operator address: X
X, X X
Owner/operator country: Not reported
Owner/operator telephone: X
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: Unknown
Mixed waste (haz. and radioactive): Unknown
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: Unknown
Furnace exemption: Unknown
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Verified to be non-commercial

Hazardous Waste Summary:
Waste code: NONE
Waste name: None

Violation Status: No violations found

FINDS:

Registry ID: 110005737854

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Z110 **QWEST COMMUNICATIONS** **FINDS** **1005828301**
NW **6008 SW 9 STREET** **N/A**
> 1 **DES MOINES, IA 50315**
1.213 mi.
6406 ft. **Site 2 of 7 in cluster Z**

Relative: Higher

Actual: 945 ft.

FINDS:

Registry ID: 110006827915

Environmental Interest/Information System

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

Z111 **U S WEST - DES MOINES WEST OFFICE** **RCRA-NonGen** **1004690831**
NW **6008 S W 9TH ST** **FINDS** **IAP000000782**
> 1 **DES MOINES, IA 50315**
1.213 mi.
6406 ft. **Site 3 of 7 in cluster Z**

Relative: Higher

Actual: 945 ft.

RCRA-NonGen:

Date form received by agency:	09/13/1994
Facility name:	U S WEST - DES MOINES WEST OFFICE
Facility address:	6008 S W 9TH ST DES MOINES, IA 50315
EPA ID:	IAP000000782
Mailing address:	WESTOWN PKWY WEST DES MOINES, IA 50266
Contact:	Not reported
Contact address:	Not reported Not reported
Contact country:	Not reported
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	07
Land type:	Private
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	U S WEST COMMUNICATIONS INC
Owner/operator address:	1801 CALIFORNIA DENVER, CO 80202
Owner/operator country:	Not reported
Owner/operator telephone:	(303) 672-2944
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

U S WEST - DES MOINES WEST OFFICE (Continued) **1004690831**

Handler Activities Summary:
- U.S. importer of hazardous waste: Unknown
- Mixed waste (haz. and radioactive): Unknown
- Recycler of hazardous waste: No
- Transporter of hazardous waste: No
- Treater, storer or disposer of HW: No
- Underground injection activity: No
- On-site burner exemption: Unknown
- Furnace exemption: Unknown
- Used oil fuel burner: No
- Used oil processor: No
- User oil refiner: No
- Used oil fuel marketer to burner: No
- Used oil Specification marketer: No
- Used oil transfer facility: No
- Used oil transporter: No
- Off-site waste receiver: Verified to be non-commercial

Universal Waste Summary:
- Waste type: Batteries
- Accumulated waste on-site: No
- Generated waste on-site: Not reported

- Waste type: Lamps
- Accumulated waste on-site: No
- Generated waste on-site: Not reported

- Waste type: Pesticides
- Accumulated waste on-site: No
- Generated waste on-site: Not reported

- Waste type: Thermostats
- Accumulated waste on-site: No
- Generated waste on-site: Not reported

Historical Generators:
- Date form received by agency: 07/02/1990
- Facility name: U S WEST - DES MOINES WEST OFFICE
- Classification: Not a generator, verified

Hazardous Waste Summary:
- Waste code: D000
- Waste name: Not Defined

- Waste code: F002
- Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

U S WEST - DES MOINES WEST OFFICE (Continued) **1004690831**

Waste code: F006
Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 09/13/1994
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA Contractor/Grantee

FINDS:

Registry ID: 110006400322

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Z112 **AST** **A100341171**
NW **6008 SW 9TH ST.** **N/A**
> 1 **DES MOINES, IA**
1.213 mi.
6406 ft. **Site 4 of 7 in cluster Z**

Relative:
Higher

Actual:
945 ft.

AST:
Key: Not reported
Tank Key Num: 3473
Fac County Code: 77
Registration Number: 17685
Year Of Manufacture (age): Not reported
Size: 1500
Type: Steel
Contents: Diesel
Plan Date: 5/4/2009
Registration Date: 5/4/2009
Plan Number: Not reported
Owners Name: Not reported
Owners Address: Not reported
Owners City,St,Zip: Not reported
Out of Service Date: Not reported
Amount Received: Not reported
Date Received: Not reported

Z113 **US WEST** **FINDS** **1011289920**
NW **6008 SW 9TH STREET** **N/A**
> 1 **DES MOINES, IA 50315**
1.213 mi.
6406 ft. **Site 5 of 7 in cluster Z**

Relative:
Higher

Actual:
945 ft.

FINDS:

Registry ID: 110036293980

Environmental Interest/Information System
IDNR-EFD (Iowa Department Of Natural Resources - Emission Factor Documentation) provides information about existing emission factors

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Z114 **QWEST - DES MOINES SOUTH** **TIER 2** **S107949880**
NW **6008 SW 9TH STREET** **N/A**
> 1 **DES MOINES, IA 50315**
1.213 mi.
6406 ft. **Site 6 of 7 in cluster Z**

Relative:
Higher

Actual:
945 ft.

TIER 2:

State Id:	IA
Report Year:	2009
Fire District:	Des Moines Fire Department
Site Map:	F
Date Signed:	2010-01-29T07:18:49
Date Modified:	2009-01-13T20:29:23
Site Coord Abbreviation:	F
Latitude:	41.530009999999997
Longitude:	-93.625907999999995
Dike Or Other Safeguard:	F
Mailing Address:	1801 California St., Suite 1160
Mail City:	Denver
Mail State:	CO
Mail Zip:	80202
Mail Country:	US
Notes:	Not reported

Facility:

Record Key:	FDIDSIT2B40000964
Facility Record Id:	FAIDSIT2A00000964
Id:	Not reported
Description:	EIN #
Last Modified:	2009-01-13T20:29:23
Record Key:	FDIDSIT2B50000964
Facility Record Id:	FAIDSIT2A00000964
Id:	Not reported
Description:	TRIFID
Last Modified:	2009-01-13T20:29:23
Record Key:	FDIDSIT2B30000964
Facility Record Id:	FAIDSIT2A00000964
Id:	517110
Description:	NAICS
Last Modified:	2009-01-13T20:29:23
Record Key:	FDIDSIT2B20000964
Facility Record Id:	FAIDSIT2A00000964

QWEST - DES MOINES SOUTH (Continued) **S107949880**

Id:	14-872-117
Description:	Dun & Bradstreet
Last Modified:	2009-01-13T20:29:23
Record Key:	FDIDSIT2B10000964
Facility Record Id:	FAIDSIT2A00000964
Id:	4813
Description:	SIC
Last Modified:	2009-01-13T20:29:23

Contact:

First Name:	Not reported
Last Name:	UniCall
Title:	Qwest Emerg Ctr
Email:	Not reported
Address:	Not reported
City:	Not reported
Country:	Not reported
State:	Not reported
Zip Code:	Not reported
Type1:	Emergency Contact
Type2:	Not reported
Type3:	Not reported
Type4:	Not reported
Contact Id:	CTIDSIT2F00002933
Date Modified:	2009-01-13T20:29:23
Telephone:	866-864-2255
Telephone Type:	24 Hr. Phone
Last Modified:	2009-01-13T20:29:23
Record Key:	PHIDSIT2H00008798
Contact Id:	CTIDSIT2F00002933
Telephone:	866-864-2255
Telephone Type:	Phone
Last Modified:	2009-01-13T20:29:23
Record Key:	PHIDSIT2H00008797
Contact Id:	CTIDSIT2F00002933

Contact:

First Name:	Not reported
Last Name:	Work Env
Title:	Ctr
Email:	Not reported
Address:	Not reported
City:	Not reported
Country:	Not reported
State:	Not reported
Zip Code:	Not reported
Type1:	Emergency Contact
Type2:	Not reported
Type3:	Not reported
Type4:	Not reported
Contact Id:	CTIDSIT2F00002934
Date Modified:	2009-01-13T20:29:23

QWEST - DES MOINES SOUTH (Continued) **S107949880**

Telephone: 800-201-7033
Telephone Type: 24 Hr. Phone
Last Modified: 2009-01-13T20:29:23
Record Key: PHIDSIT2H00008801
Contact Id: CTIDSIT2F00002934

Telephone: 800-201-7033
Telephone Type: Phone
Last Modified: 2009-01-13T20:29:23
Record Key: PHIDSIT2H00008800
Contact Id: CTIDSIT2F00002934

Contact:
First Name: Not reported
Last Name: Qwest Communications
Title: Not reported
Email: Not reported
Address: 1801 California St, Suite 1160
City: Denver
Country: US
State: CO
Zip Code: 80202
Type1: Owner / Operator
Type2: Not reported
Type3: Not reported
Type4: Not reported
Contact Id: CTIDSIT2FO0000964
Date Modified: 2009-01-13T20:29:23

Telephone: 303-992-7090
Telephone Type: Emergency
Last Modified: 2009-01-13T20:29:23
Record Key: PHIDSIT2HO0000964
Contact Id: CTIDSIT2FO0000964

Contact:
First Name: Not reported
Last Name: Not reported
Title: Not reported
Email: Not reported
Address: 1801 California St., Suite 1160
City: Denver
Country: Not reported
State: CO
Zip Code: 80202
Type1: Mailing
Type2: Not reported
Type3: Not reported
Type4: Not reported
Contact Id: CTIDSIT2FM0000964
Date Modified: 2009-01-13T20:29:23

Telephone: Not reported
Telephone Type: Emergency

QWEST - DES MOINES SOUTH (Continued) **S107949880**

Last Modified:	2009-01-13T20:29:23
Record Key:	PHIDSIT2HM0000964
Contact Id:	CTIDSIT2FM0000964

Chemical:

Acute:	T
Ave Amount:	3240
Ave Amount Code:	03
Facility Id:	FAIDSIT2A00000964
Chem Inv Record Id:	CVIDSIT2C00005417
Chronic:	F
Cicas:	7664939
EHS Chemical:	T
Last Modified:	2008-02-19T12:54:03
Days On Site:	365
Chemical Name:	SULFURIC ACID
Fire:	F
Gas:	F
Liquid:	T
Max Amount:	3240
Max Amount Code:	03
Mixture:	T
Pressure:	F
Pure:	F
Reactive:	T
Solid:	F
Trade Secret:	F

Chemical Mix:

Record Key:	CMIDSIT2E00001994
Facility Id:	FAIDSIT2A00000964
Chemical Inv Recid:	CVIDSIT2C00005417
Mx Chemical:	Sulfuric Acid
Mx Cas:	7664-93-9
Percentage:	40.00
Wt Vol:	Not reported
Mx Ehs:	T
Last Modified:	2008-02-19T12:54:03

Record Key:	CMIDSIT2E00001995
Facility Id:	FAIDSIT2A00000964
Chemical Inv Recid:	CVIDSIT2C00005417
Mx Chemical:	Water
Mx Cas:	Not reported
Percentage:	60.00
Wt Vol:	Not reported
Mx Ehs:	F
Last Modified:	2008-02-19T12:54:03

Chemical Loc:

Record Key:	CLIDSIT2D00008611
Chem Inv Record Id:	CVIDSIT2C00005417
Facility Id:	FAIDSIT2A00000964
Type Code:	R
Pressure Code:	1
Temperature Code:	4

QWEST - DES MOINES SOUTH (Continued) **S107949880**

Location: SE & SW BASEMENT - POWER ROOMS
Amount: 0

Acute: F
Ave Amount: 48480
Ave Amount Code: 04
Facility Id: FAIDSIT2A00000964
Chem Inv Record Id: CVIDSIT2C00005418
Chronic: T
Cicas: 7439921
EHS Chemical: F
Last Modified: 2008-02-19T12:53:43
Days On Site: 365
Chemical Name: LEAD
Fire: F
Gas: F
Liquid: F
Max Amount: 48480
Max Amount Code: 04
Mixture: F
Pressure: F
Pure: T
Reactive: F
Solid: T
Trade Secret: F

Chemical Loc:
Record Key: CLIDSIT2D00008612
Chem Inv Record Id: CVIDSIT2C00005418
Facility Id: FAIDSIT2A00000964
Type Code: R
Pressure Code: 1
Temperature Code: 4
Location: SE & SW BASEMENT - POWER ROOMS
Amount: 0

Acute: T
Ave Amount: 10625
Ave Amount Code: 04
Facility Id: FAIDSIT2A00000964
Chem Inv Record Id: CVIDSIT2C00005419
Chronic: T
Cicas: 68476346
EHS Chemical: F
Last Modified: 2008-02-19T12:53:13
Days On Site: 365
Chemical Name: DIESEL FUEL
Fire: T
Gas: F
Liquid: T
Max Amount: 10625
Max Amount Code: 04
Mixture: F
Pressure: F
Pure: T
Reactive: F

QWEST - DES MOINES SOUTH (Continued) **S107949880**

Solid: F
Trade Secret: F

Chemical Loc:
Record Key: CLIDSIT2D00008613
Chem Inv Record Id: CVIDSIT2C00005419
Facility Id: FAIDSIT2A00000964
Type Code: A
Pressure Code: 1
Temperature Code: 4
Location: NW EXTERIOR UNDER GENERATOR
Amount: 0

Z115 **US WEST** **UST** **1001142160**
NW **6008 SW 9TH STREET** **HIST UST** **N/A**
> 1 **DES MOINES, IA 50315**
1.213 mi.
6406 ft. **Site 7 of 7 in cluster Z**

Relative: Higher

UST:
Registration: 198710512

Actual: 945 ft.

UST:
Registration: 198710512
Status Description: Regulated tanks - r/f
Type Description: Private/Corporate

Tank Id: 30793
Install Date: 7/1/1975
Status Description: Regulated tanks - r/f
Capacity: 500
Content Description: Diesel

HIST UST:
Tank Number: 001
Tank Status: **Regulated tanks - r/f**
Tank Type: Commercial
Tank Capacity: 500
Currently In Use: No
Tank Material and Construction: Steel
Tank Material and Construction Other: Not reported
Tank Internal Protection Fiberglass: Not reported
Tank External Protection Cathodic: Not reported
Temp Closed Date: Not reported
Site Install Date: 7/1/75 0:00:00
Date Removed: 1/5/90 0:00:00
Filled Inert: Not reported
Date Filled in Place: Not reported
Inert Material: Not reported
Date Last Contained Product: Not reported
No Further Action Date: 1/1/00 0:00:00
Permanently Out of Use: Not reported
Compartment Case: Not reported
Compartments: No
Compartment Capacity: 0
Compartment 1 Contents: Not reported

US WEST (Continued) **1001142160**

Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Not reported
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Not reported
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported

US WEST (Continued) **1001142160**

Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

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AB116 **MITCHELL ELEMENTARY SCHOOL** **UST** **U001729040**
NNW **111 PORTER AVE** **HIST UST** **N/A**
> 1 **DES MOINES, IA 50315**
1.215 mi.
6415 ft. **Site 1 of 2 in cluster AB**

Relative: Higher

UST:
Registration: 198609840

Actual: 931 ft.

UST:

Registration:	198609840
Status Description:	Non-regulated heating oil tanks - active
Type Description:	Private/Corporate
Tank Id:	29563
Install Date:	12/1/1958
Status Description:	Non-regulated heating oil tank - active
Capacity:	8500
Content Description:	Other

HIST UST:

Tank Number:	001
Tank Status:	**Non-regulated heating oil tank - active**
Tank Type:	Not reported
Tank Capacity:	8500
Currently In Use:	No
Tank Material and Construction:	Steel Int. Lined with Fiberglass
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	1/1/72 0:00:00
Site Install Date:	12/1/58 0:00:00
Date Removed:	Not reported
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Yes
TIP None:	Not reported
TIP Internal Unknown:	Not reported

MITCHELL ELEMENTARY SCHOOL (Continued) **U001729040**

TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Yes
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported

MITCHELL ELEMENTARY SCHOOL (Continued) **U001729040**

Installation Cert. by Professional Engineers: Not reported
Manufacturer Checklist Completed: Not reported
Tanks/Pipes Tested for leaks during/after Install: Not reported
Other Installation: Not reported
Installer Cert. by LUST Board: Not reported
Installation Cert. by LUST Board Cert. Inspector: Not reported

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AB117 **MITCHELL ELEMENTARY SCH** **FINDS** **1011268839**
NNW **111 PORTER AVE** **N/A**
> 1 **DES MOINES, IA 50315**
1.215 mi.
6415 ft. **Site 2 of 2 in cluster AB**

Relative: Higher

Actual: 931 ft.

FINDS:

Registry ID: 110036197040

Environmental Interest/Information System
IDNR-EFD (Iowa Department Of Natural Resources - Emission Factor Documentation) provides information about existing emission factors

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118 **SPILLS** **S106597735**
WNW **13TH / RITTENHOUSE ST.** **N/A**
> 1 **DES MOINES, IA**
1.220 mi.
6443 ft.

Relative: Higher

Actual: 907 ft.

SPILL:

Facility ID:	09129-CWO-2022
Reported Date:	9/12/1999
Reported Time:	Not reported
Taken By:	CLARK OTT
Spill Date:	9/12/1999
Spill Time:	Not reported
6 hr Letter:	No
Continuous Release:	No
Incident Location:	Not reported
Incident Mode:	Transportation
Incident Type:	Petroleum
Incident Medium Land:	Yes
Incident Medium Water:	No
Incident Medium Air:	No
Initial Instructions:	Not reported
Events:	HAZMAT ASSUMES A 5 GALLON BUCKET OF MATERIAL FELL OFF OF A PICKUP TRUCK. NO MATERIAL REACHED A WATERWAY.

119
NW
> 1
1.241 mi.
6553 ft.

CHRIST THE KING SCHOOL
701 WELL AVE
DES MOINES, IA 50315

FTTS
HIST FTTS
FINDS

1004465246
N/A

Relative:
Higher

Actual:
910 ft.

FTTS INSP:

Inspection Number:	19920911IA005 1
Region:	07
Inspection Date:	09/11/92
Inspector:	WILHITE
Violation occurred:	Yes
Investigation Type:	AHERA, Enforcement, State Conducted
Investigation Reason:	Neutral Scheme, Region
Legislation Code:	TSCA
Facility Function:	User

HIST FTTS INSP:

Inspection Number:	19920911IA005 1
Region:	07
Inspection Date:	Not reported
Inspector:	WILHITE
Violation occurred:	Yes
Investigation Type:	AHERA, Enforcement, State Conducted
Investigation Reason:	Neutral Scheme, Region
Legislation Code:	TSCA
Facility Function:	User

FINDS:

Registry ID: 110011717464

Environmental Interest/Information System

NCDB (National Compliance Data Base) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA). The system tracks inspections in regions and states with cooperative agreements, enforcement actions, and settlements.

AA120
WNW
> 1
1.252 mi.
6609 ft.

Site 2 of 3 in cluster AA

ODONNELL HARDWARE
1201 ARMY POST RD
DES MOINES, IA 50315

UST
HIST UST

U001735383
N/A

Relative:
Higher

UST:

Registration:	199017195

Actual:
952 ft.

UST:

Registration:	199017195
Status Description:	Regulated tanks - r/f
Type Description:	Private/Corporate
Tank Id:	41460
Install Date:	10/1/1983
Status Description:	Regulated tanks - r/f

ODONNELL HARDWARE (Continued) **U001735383**

Capacity:	1000
Content Description:	Kerosene

HIST UST:

Tank Number:	001
Tank Status:	**Regulated tanks - r/f**
Tank Type:	Commercial
Tank Capacity:	1000
Currently In Use:	No
Tank Material and Construction:	Steel
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	12/1/98 0:00:00
Site Install Date:	10/1/83 0:00:00
Date Removed:	9/20/99 0:00:00
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Yes
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Yes
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Yes
LDS Statistical:	Not reported
LDS Manual Guaging:	Yes
LDS None:	Not reported
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Yes

ODONNELL HARDWARE (Continued) **U001735383**

PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Yes
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Yes
Tanks/Pipes Tested for leaks during/after Install:	Yes
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

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AA121
WNW
> 1
1.252 mi.
6609 ft.

Relative:
Higher

Actual:
952 ft.

ODONNELL HARDWARE **FINDS** **1011279672**
1201 ARMY POST RD **N/A**
DES MOINES, IA 50315

Site 3 of 3 in cluster AA

FINDS:

Registry ID: 110036363814

Environmental Interest/Information System
IDNR-EFD (Iowa Department Of Natural Resources - Emission Factor Documentation) provides information about existing emission factors

AC122
NNE
> 1
1.260 mi.
6654 ft.

5921 SE 14TH ST. IN DES MOINES
DES MOINES, IA

Site 1 of 4 in cluster AC

SPILLS **S107670131**
N/A

Relative:
Higher

Actual:
916 ft.

SPILL:

Facility ID:	020606-RLT-0906
Reported Date:	2/6/2006
Reported Time:	9:06:00 AM
Taken By:	Rodney Tucker
Spill Date:	2/6/2006
Spill Time:	4:30:00 AM
6 hr Letter:	No
Continuous Release:	No
Incident Location:	Not reported
Incident Mode:	Transportation
Incident Type:	Petroleum
Incident Medium Land:	Not reported
Incident Medium Water:	Not reported
Incident Medium Air:	Not reported
Initial Instructions:	Oil dry was placed on the spilled oil and will be disposed of at the local landfill.
Events:	Garbage truck # 206544 blew a hydraulic hose on the lifting arm while lifting a dumpster. It is believed to have cracked due to the cold weather. The oil was contained to the concrete parking lot. No waters of the state were affected.

AD123
WNW
> 1
1.271 mi.
6709 ft.

AC BINDERY
1210 ARMY POST RD
DES MOINES, IA 50315

Site 1 of 2 in cluster AD

RCRA-NonGen **1000606195**
FINDS **IAD984598797**

Relative:
Higher

Actual:
951 ft.

RCRA-NonGen:

Date form received by agency:	12/08/2005
Facility name:	AC BINDERY
Facility address:	1210 ARMY POST RD DES MOINES, IA 50315
EPA ID:	IAD984598797
Mailing address:	ARMY POST RD DES MOINES, IA 50315
Contact:	JOHN HARRIS
Contact address:	ARMY POST RD DES MOINES, IA 50315
Contact country:	US
Contact telephone:	(515) 266-8367
Contact email:	Not reported
EPA Region:	07
Land type:	Private
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	ARTCRAFT INC
Owner/operator address:	HWY 65/68 DES MOINES, IA 50315
Owner/operator country:	US
Owner/operator telephone:	Not reported

AC BINDERY (Continued) **1000606195**

Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 03/11/2003
Owner/Op end date: Not reported

Owner/operator name: ARTCRAFT INC
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 02/11/1994
Owner/Op end date: 03/10/2003

Owner/operator name: DORIS STOUT
Owner/operator address: 1210 ARMY POST RD
DES MOINES, IA 50315
Owner/operator country: Not reported
Owner/operator telephone: (515) 285-3550
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 02/11/1994
Owner/Op end date: 03/10/2003

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Historical Generators:
Date form received by agency: 04/07/2003
Facility name: AC BINDERY
Site name: ARTCRAFT INC - FORMER SITE OF
Classification: Not a generator, verified

Date form received by agency: 02/11/1994
Facility name: AC BINDERY
Site name: ARTCRAFT INC
Classification: Small Quantity Generator

Date form received by agency: 02/07/1994
Facility name: AC BINDERY

AC BINDERY (Continued) **1000606195**

Site name: ARTCRAFT INC
Classification: Small Quantity Generator

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 12/08/2005
Evaluation: COMPLIANCE ASSISTANCE VISIT
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

Evaluation date: 02/07/1994
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA Contractor/Grantee

FINDS:

Registry ID: 110005764976

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

AE124
NW
> 1
1.273 mi.
6723 ft.

Relative: Higher

Actual: 946 ft.

NIZZI STA **FINDS** **1011270260**
5920 SW 9TH STREET **N/A**
DES MOINES, IA 50315

Site 1 of 5 in cluster AE

FINDS:

Registry ID: 110036187998

Environmental Interest/Information System
IDNR-EFD (Iowa Department Of Natural Resources - Emission Factor Documentation) provides information about existing emission factors

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AE125
NW
> 1
1.273 mi.
6723 ft.

Relative: Higher

Actual: 946 ft.

NIZZI STATION **LUST** **U003172419**
5920 SW 9TH STREET **HIST LUST** **N/A**
DES MOINES, IA 50315 **UST**
HIST UST

Site 2 of 5 in cluster AE

LUST:
Registration: 199017057
Leak Number: 7LTB96
Date Reported: 12/21/1988

NIZZI STATION (Continued) **U003172419**

Date Cleanup Started: 10/28/1994
Date Cleanup Completed: 7/15/1998
Record Description: No Action Required
Product Description: Gasoline

HIST LUST:
Facility ID: 199017057
Leak Number: 7LTB96
Leak Entry Date: 12/21/88
Spill Number: Not reported
Occur Date: Not reported
Occur Time: Not reported
Discover Date: 12/21/1988 0:00
Discover Time: AM
Facility Addr 2: Not reported
Facility Phone: Not reported
Facility Fax1: Not reported
Facility Fax2: Not reported
Owner Name: FRANK A NIZZI
Owner Type: Private/Corporate
Owner Addr: 1328 ROSE AVENUE
Owner City,St,Zip: DES MOINES, IA 503150000
Owner Phone: 5152444615
Owner Fax: Not reported
Lead: State Fund
Coordinator: ERD
Staff Initials: ERD
Leak Contact: FRANK NIZZI
Leak Address: Not reported
Leak City,St,Zip: 0
Leak Phone: 5152444615
Record Name: BANDURSKI
Record Date: Not reported
Record Location: Lust
Reporter Name: FRANK NIZZI
Reporter Business: Not reported
Reporter Date: 12/21/88
Reporter Addr: 1328 ROSE AVE
Rprtr City,St,Zip: DES MOINES, IA 0
Reporter Phone: 5152444615
Responsible Party: Not reported
RP Company: Not reported
RP Address: Not reported
RP City,St,Zip: 0
RP Phone: 0
RP Ext: Not reported
RP Fax: Not reported
ER Date: Not reported
Delete: No
Ground Water Professional ID: 0
Ground Water Professional Due Date: 01/10/89
Ground Water Professional Received Date: 01/09/89
Corrective Action Design Report Id: 0
Corrective Action Design Due Date: Not reported
Corrective Action Design Record Date: / /

IA Hist Lust Status:

NIZZI STATION (Continued) **U003172419**

ID:	5420
Site Leak Number:	7LTB96
Discovered During:	Removal
Tanks Removed:	3
Leak Cause:	Not reported
Gas:	Yes
Diesel:	Not reported
Oil:	Not reported
Kerosene:	Not reported
Released Fuel Oil:	Not reported
Released Hydraulic Oil:	Not reported
Released Other Petroleum:	Not reported
Released Unknown:	Not reported
Released Non_Petroleum Chemical:	Not reported
Gallons Released:	000000000000
Leak Status:	Stopped
Loc Soil:	Yes
Loc Ground Water:	Not reported
Loc Surface Water:	Not reported
Loc Water Supply:	Not reported
Res Public Water Supply:	Not reported
Resources Water Well:	Not reported
Res Actual Drinking WW:	Not reported
Res Non-Drink WW:	Not reported
respotprtg:	Not reported
ressoil:	Not reported
Res Ground Water:	Not reported
Res Surface Water:	Not reported
Res Toxic Vapor:	Not reported
Res Explosive Vapor:	Not reported
Res Other:	Not reported
Res Impacted Soil:	Not reported
Res Impacted Ground Water:	Not reported
Res Impacted Water Well:	Not reported
Res Impacted Pub Water Supply:	Not reported
Res Impacted Surface Water:	Not reported
Res Impacted Toxic Vapor:	Not reported
Res Impacted Explosive Vapor:	Not reported
Res Impacted Other:	Not reported
Res Impacted Drinking WW:	Not reported
Res Impacted Non-Drink WW:	Not reported
Res Impacted Potential Non Drink WW:	Not reported
Officials Onsite Health:	Not reported
Officials Onsite Fire:	Not reported
Officials Onsite Law:	Not reported
Officials Onsite Civil:	Not reported
Officials Onsite None:	Not reported
Officials Onsite Unknown:	Not reported
Officials Onsite Other:	Not reported
AST:	Not reported
UST/LUST Other:	Not reported
Delete:	No

IA Hist Lust Cause:

Release Cause:	Not reported

NIZZI STATION (Continued) **U003172419**

IA Hist Lust Misc:

Misc Due Date:	Not reported	Misc Rec Date:	Not reported
Misc Other:	Not reported	Misc Title:	Not reported

IA Hist Lust Site Monitoring Report:

Site Monitoring Report Due Date:	Not reported
Site Monitoring Report Rec Date:	Not reported
Site Monitoring Report Reg Date:	Not reported
Site Monitoring Report Rejected Date:	Not reported
Site Monitoring Report Type:	Not reported
Reclassification Request Type:	Not reported
Site Monitoring Report Revd By:	Not reported
GW professional ID:	Not reported

IA Hist Lust Remediation:

Heat Treatment:	No
Land Application:	No
On Site:	No
Achieved Over-Excavation:	No
Soil Venting Passive:	No
Soil Venting Active:	No
Bioremediation Passive:	No
Bioremediation Active:	No
In Situ GW Treatment - Air Sparging:	No
Ground Water:	No
Fresh Water:	No
IGT - pH Adjustment:	No
Nutrient:	No
Oxygen:	No
Biological:	No
Permit Date:	Not reported
Other:	No
Surface Treatment - Carbon Absorption:	No
Biological:	No
ST Other:	No
TDT Sanitary Sewer:	No
TDT Storm Sewer:	No
Stream:	No
TDT Other:	No
Reduced Risk Plugged Well:	No
RR Replace:	No
RR Relocate:	No
RR Other:	No
Delete:	No

IA Hist Lust Free Product Recovery:

FPR Report Assesment Due:	Not reported
FPR Report Received:	Not reported
FPR Report Accepted:	Not reported
FPR Report Rejected:	Not reported
FPR Report Revised:	Not reported

IA Hist Lust Corrective Action Design Report:

Corrective Action Design Record Date:	Not reported
Corrective Action Design Received:	Not reported

NIZZI STATION (Continued) **U003172419**

Corrective Action Design Accepted:	Not reported
Corrective Action Design Rejected:	Not reported
Revised Report Received:	Not reported

IA Hist Lust Tier 1 Report:

T1 Assesment Due:	9/10/98 0:00:00
T1 Received:	7/8/98 0:00:00
Tier 1 Consultant Recommends:	Not reported
T1 Accepted:	7/15/98 0:00:00
T1 Rejected:	Not reported
T1 Revised:	Not reported
T1 Reviewed:	Not reported

IA Hist Lust Tier 2 Report:

T2 Assesment Due:	Not reported
T2 Received:	Not reported
T2 Accepted:	Not reported
T2 Rejected:	Not reported
T2 Reviewed:	Not reported

IA Hist Lust Tier 3 Report:

T3 Assesment Due:	Not reported
T3 Received:	Not reported
T3 Accepted:	Not reported
T3 Rejected:	Not reported

IA Hist Lust Administration:

ID:	5420
Owner Identified:	No
Responsible Party Found:	No
RP Date:	Not reported
Owner Broke:	No
ER Date:	Not reported
Cost Recovery Start Dt:	Not reported
CR Notice of Intent Dt:	Not reported
CR Appeal of NOI Dt:	Not reported
CR Final Decision Dt:	Not reported
CR EP Comm Lien Approval Dt:	Not reported
CR Lien:	Not reported
CR Ten Yr Renewal Dt:	Not reported
CR Lien Named:	No
crtyrdate:	Not reported
CR Remediation:	Not reported
Delete:	No
CR Amnt Received:	Not reported
CR End Date:	Not reported

IA Hist Lust 28E:

Counter:	Not reported
Staff Initials:	Not reported
Type:	Not reported
County:	Not reported
Part Of State:	Not reported
Priority Number:	Not reported
Reason:	Not reported

NIZZI STATION (Continued) **U003172419**

Responsible Party:	Not reported
rfpno:	Not reported
Removed:	Not reported
Date Removed:	Not reported
Field Office:	Not reported
Newlist:	Not reported
State Lead:	Not reported
Access Letter Mailed:	Not reported
Owner Signed Access:	Not reported
Signed Access to Contractor:	Not reported
Contractor Signed Access:	Not reported
Final Access Mailed:	Not reported
nfr:	Not reported
Start Date:	Not reported

IA Hist Lust AO:

Seq Number:	Not reported
Distribution:	Not reported
UST/LUST Other:	Not reported
Order Type:	Not reported
Legal Ref Start:	Not reported
Division ADM Date:	Not reported
CE Bureau Date:	Not reported
AO Issue Date:	Not reported
AO Number:	Not reported
Name Of Parties:	Not reported
Penalty Due Date:	Not reported
Penalty Amount:	Not reported
Penalty Paid Date:	Not reported
Penalty Amount Paid:	Not reported
AO Appeal Date:	Not reported
ALJ Decision Date:	Not reported
EPC Decision Date:	Not reported
Attorney Gen Ref Date:	Not reported
Final Court Decision:	Not reported
Case Number:	Not reported
County:	Not reported
Action Required:	Not reported
Compliance Due:	Not reported
In Compliance Date:	Not reported
Removed:	Not reported
Staff Initials:	Not reported

IA Hist Lust ATP:

Seq Number:	Not reported
Last Name:	Not reported
Priority Rank:	Not reported
Type:	Not reported
Reason:	Not reported
ATP Due:	Not reported
ATP Letter:	Not reported
Financial Documents Recvd:	Not reported
Able/Unable To Pay:	Not reported
Final Letter:	Not reported
Project Complete:	Not reported
RP Able to Pay:	Not reported

NIZZI STATION (Continued) **U003172419**

Project Removed:	Not reported
Staff Initials:	Not reported
Comment:	Not reported

IA Hist Lust Contract:

Seq Number:	Not reported
Tank City:	Not reported
Staff Initials:	Not reported
Score:	Not reported
Scope Completed:	Not reported
Advertise:	Not reported
Receive Bids:	Not reported
Commission Approval:	Not reported
Contract Approved:	Not reported
Original Contract Amt:	Not reported
Change Orders:	Not reported
Paid to Date:	Not reported
SCR/CADR Received:	Not reported
SCR/CADR Approved:	Not reported
Contract:	Not reported

IA Hist Lust Bedrock Well:

ID:	Not reported
Category:	Not reported
Sample Water Supply:	Not reported
GIS Survey:	Not reported

IA Hist Lust Inst Control:

Inst Control Begin:	Not reported
Inst Control Type:	Not reported

IA Hist Lust Track:

ID:	5420
Site Assesment Start Date:	12/31/88 0:00:00
Free Product Recvry End Date:	Not reported
FP Letter Sent Date:	Not reported
FP Report Frequency:	Not reported
Assesment Report Due:	Not reported
Assesment Report Received:	Not reported
Assesment Report Approved:	Not reported
Achieved Over-Excavation:	Not reported
Release Not Verified Date:	Not reported
Ref to Contaminated Site Section:	Not reported
Cleanup Start Date:	10/28/94 0:00:00
Cleanup Complete Date:	7/15/98 0:00:00
Cleanup Report Due Date:	Not reported
Cleanup Report Received Date:	Not reported
Cleanup Report Approved Date:	Not reported
Check Report Due Date:	Not reported
Check Report Received Date:	Not reported
Check Report Rejected Date:	Not reported
Check Report Approved Date:	Not reported
Date Classified:	7/15/98 0:00:00
Risk Classification -NFA:	Yes
Class - Low Risk:	No

NIZZI STATION (Continued) **U003172419**

Class - High Risk:	No
Lust Current:	No Action Required
Tier 1 Consultant Recommends:	Not reported
T1 Actual GW Ingestion:	No
T1 Poten GW Ingestion from Protected GW:	No
T1 Poten GW Ingestion from Protected GW:	No
T1 GW Vapor to Enclosed Space:	No
T1 GW to Plastic Water Line:	No
T1 Surface Water:	No
T1 Soil Leaching to GW:	No
T1 Soil Vapor to Enclosed Space:	No
T1 Soil to Plastic Line:	No
Tier 2 Consultant Recommends:	Not reported
T2 Actual GW Ingestion:	Not reported
T2 Poten GW Ingestion from Protected GW:	Not reported
T2 Poten GW Ingestion from Protected GW:	Not reported
T2 GW Vapor to Enclosed Space:	Not reported
T2 GW to Plastic Water Line:	Not reported
T2 SW General Use:	Not reported
T2 SW Designated Use:	Not reported
T2 Soil Leaching to GW:	Not reported
T2 Soil Vapor to Enclosed Space:	Not reported
T2 Soil to Plastic Line:	Not reported
Institutional Control Obtained:	No
NFA Certificate Sent:	8/13/98 0:00:00
No Action Required:	**No**
Priority Ranking:	Not reported
Delete:	No

UST:

Registration:	199017057

UST:

Registration:	199017057
Status Description:	Regulated tanks - r/f
Type Description:	Private/Corporate
Tank Id:	41173
Install Date:	10/1/1969
Status Description:	Regulated tanks - r/f
Capacity:	12000
Content Description:	Gasoline
Registration:	199017057
Tank Id:	41171
Install Date:	10/1/1969
Status Description:	Regulated tanks - r/f
Capacity:	12000
Content Description:	Gasoline
Registration:	199017057
Tank Id:	41172
Install Date:	10/1/1969
Status Description:	Regulated tanks - r/f
Capacity:	12000
Content Description:	Gasoline

NIZZI STATION (Continued) **U003172419**

HIST UST:

Tank Number:	001
Tank Status:	**Regulated tanks - r/f**
Tank Type:	Commercial
Tank Capacity:	12000
Currently In Use:	No
Tank Material and Construction:	Steel
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	1/1/82 0:00:00
Site Install Date:	10/1/69 0:00:00
Date Removed:	12/15/88 0:00:00
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Not reported
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Yes
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Yes
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Yes
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Yes
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Not reported
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported

NIZZI STATION (Continued) **U003172419**

PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

Tank Number:	002
Tank Status:	**Regulated tanks - r/f**
Tank Type:	Commercial
Tank Capacity:	12000
Currently In Use:	No
Tank Material and Construction:	Steel
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	1/1/82 0:00:00
Site Install Date:	10/1/69 0:00:00
Date Removed:	12/15/88 0:00:00
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported

NIZZI STATION (Continued) **U003172419**

TIP Internal Lining:	Not reported
TIP None:	Not reported
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Yes
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Yes
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Yes
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Yes
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Not reported
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported

NIZZI STATION (Continued) **U003172419**

Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported
Tank Number:	003
Tank Status:	**Regulated tanks - r/f**
Tank Type:	Commercial
Tank Capacity:	12000
Currently In Use:	No
Tank Material and Construction:	Composite (steel with FRP)
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	1/1/82 0:00:00
Site Install Date:	10/1/69 0:00:00
Date Removed:	12/15/88 0:00:00
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Not reported
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Yes
TEP Agency Specify:	Not reported
TEP None:	Yes
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Yes
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported

NIZZI STATION (Continued) **U003172419**

LDS Manual Guaging:	Not reported
LDS None:	Yes
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Yes
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Not reported
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

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AF126 **AMERICAN TOWER CORPORATION (ATC) - ARMY POST** **FINDS** **1011982453**
NE **6185 SE 16TH COURT** **N/A**
> 1 **DES MOINES, IA 50320**
1.274 mi.
6725 ft. **Site 1 of 2 in cluster AF**

Relative:
Higher

FINDS:

Registry ID: 110037949174

Actual:
943 ft.

Environmental Interest/Information System

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to

AMERICAN TOWER CORPORATION (ATC) - ARMY POST (Continued) **1011982453**

replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

AF127 **AMERICAN TOWER - ARMY POST, IA** **TIER 2** **S109945406**
NE **6185 SE 16TH COURT COURT** **N/A**
> 1 **DES MOINES, IA 50320**
1.274 mi.
6725 ft. **Site 2 of 2 in cluster AF**

Relative:
Higher

Actual:
943 ft.

TIER 2:

State Id:	IA
Report Year:	2009
Fire District:	Des Moines Fire Department
Site Map:	F
Date Signed:	2010-01-06T14:44:30
Date Modified:	2009-01-22T11:12:55
Site Coord Abbreviation:	F
Latitude:	41.527956000000003
Longitude:	-93.590084000000004
Dike Or Other Safeguard:	F
Mailing Address:	P.O. Box 63604
Mail City:	Phoenix
Mail State:	AZ
Mail Zip:	85082
Mail Country:	US
Notes:	Not reported

Facility:

Record Key:	FDIDSIT2B10002459
Facility Record Id:	FAIDSIT2A00002459
Id:	4813
Description:	SIC
Last Modified:	2009-01-22T11:12:55
Record Key:	FDIDSIT2B40002459
Facility Record Id:	FAIDSIT2A00002459
Id:	Not reported
Description:	EIN #
Last Modified:	2009-01-22T11:12:55
Record Key:	FDIDSIT2B30002459
Facility Record Id:	FAIDSIT2A00002459
Id:	517212
Description:	NAICS
Last Modified:	2009-01-22T11:12:55
Record Key:	FDIDSIT2B20002459
Facility Record Id:	FAIDSIT2A00002459
Id:	926396870

AMERICAN TOWER - ARMY POST, IA (Continued) **S109945406**

Description: Dun & Bradstreet
Last Modified: 2009-01-22T11:12:55

Record Key: FDIDSIT2B50002459
Facility Record Id: FAIDSIT2A00002459
Id: Not reported
Description: TRIFID
Last Modified: 2009-01-22T11:12:55

Contact:
First Name: Not reported
Last Name: American Tower Corporation
Title: Not reported
Email: Not reported
Address: P.O. Box 63604
City: Phoenix
Country: Not reported
State: AZ
Zip Code: 85082
Type1: Mailing
Type2: Not reported
Type3: Not reported
Type4: Not reported
Contact Id: CTIDSIT2FM0002459
Date Modified: 2009-01-22T11:12:55

Telephone: 602-284-0280
Telephone Type: Emergency
Last Modified: 2009-01-22T11:12:55
Record Key: PHIDSIT2HM0002459
Contact Id: CTIDSIT2FM0002459

Contact:
First Name: Not reported
Last Name: scot Sandefur
Title: Not reported
Email: Not reported
Address: P.O. Box 64604
City: Phoenix
Country: US
State: AZ
Zip Code: 85082
Type1: Owner / Operator
Type2: Not reported
Type3: Not reported
Type4: Not reported
Contact Id: CTIDSIT2FO0002459
Date Modified: 2009-01-22T11:12:55

Telephone: 602-284-0280
Telephone Type: Emergency
Last Modified: 2009-01-22T11:12:55
Record Key: PHIDSIT2HO0002459
Contact Id: CTIDSIT2FO0002459

AMERICAN TOWER - ARMY POST, IA (Continued) **S109945406**

Contact:
First Name: Not reported
Last Name: Scot Sandefur
Title: Director, EH&S
Email: Not reported
Address: Not reported
City: Not reported
Country: Not reported
State: Not reported
Zip Code: Not reported
Type1: Emergency Contact
Type2: Not reported
Type3: Not reported
Type4: Not reported
Contact Id: CTIDSIT2F00007951
Date Modified: 2009-01-22T11:12:55

Telephone: 602-284-0280
Telephone Type: Phone
Last Modified: 2009-01-22T11:12:55
Record Key: PHIDSIT2H00023851
Contact Id: CTIDSIT2F00007951

Telephone: 602-284-0280
Telephone Type: 24 Hr. Phone
Last Modified: 2009-01-22T11:12:55
Record Key: PHIDSIT2H00023852
Contact Id: CTIDSIT2F00007951

Contact:
First Name: Not reported
Last Name: Alarm Response Center
Title: ARC
Email: Not reported
Address: Not reported
City: Not reported
Country: Not reported
State: Not reported
Zip Code: Not reported
Type1: Emergency Contact
Type2: Not reported
Type3: Not reported
Type4: Not reported
Contact Id: CTIDSIT2F00010501
Date Modified: 2009-01-22T11:12:55

Telephone: 800-830-3365
Telephone Type: Phone
Last Modified: 2009-01-22T11:12:55
Record Key: PHIDSIT2H00031499
Contact Id: CTIDSIT2F00010501

Telephone: 800-830-3365
Telephone Type: 24 Hr. Phone
Last Modified: 2009-01-22T11:12:55

AMERICAN TOWER - ARMY POST, IA (Continued) **S109945406**

Record Key: PHIDSIT2H00031500
Contact Id: CTIDSIT2F00010501

Chemical:
Acute: T
Ave Amount: 21600
Ave Amount Code: 04
Facility Id: FAIDSIT2A00002459
Chem Inv Record Id: CVIDSIT2C00012980
Chronic: T
Cicas: 68476346
EHS Chemical: F
Last Modified: 2008-01-29T14:36:35
Days On Site: 365
Chemical Name: DIESEL FUEL
Fire: T
Gas: F
Liquid: T
Max Amount: 27000
Max Amount Code: 04
Mixture: T
Pressure: F
Pure: F
Reactive: F
Solid: F
Trade Secret: F

Chemical Loc:
Record Key: CLIDSIT2D00020556
Chem Inv Record Id: CVIDSIT2C00012980
Facility Id: FAIDSIT2A00002459
Type Code: A
Pressure Code: 1
Temperature Code: 4
Location: OUTSIDE BUILDING
Amount: 0

AG128 **A & D ANDREW DITCHING & TILING** **UST** **U003126552**
NW **1005 SW PAYTON** **HIST UST** **N/A**
> 1 **DES MOINES, IA 50315**
1.281 mi.
6761 ft. **Site 1 of 2 in cluster AG**

Relative:
Higher

UST:
Registration: 198915803

Actual:
951 ft.

UST:
Registration: 198915803
Status Description: Regulated tanks - r/f
Type Description: Private/Corporate

Tank Id: 39247
Install Date: 8/1/1973
Status Description: Regulated tanks - r/f
Capacity: 1000

A & D ANDREW DITCHING & TILING (Continued) **U003126552**

Content Description: Gasoline

HIST UST:

Tank Number:	001
Tank Status:	**Regulated tanks - r/f**
Tank Type:	Commercial
Tank Capacity:	1000
Currently In Use:	No
Tank Material and Construction:	Steel
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported
Site Install Date:	8/1/73 0:00:00
Date Removed:	9/25/90 0:00:00
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	1/1/00 0:00:00
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Yes
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Yes
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Yes
LDS Statistical:	Not reported
LDS Manual Guaging:	Yes
LDS None:	Yes
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Yes
PCP Fiberglass Reinforced Plastic:	Not reported

A & D ANDREW DITCHING & TILING (Continued) **U003126552**

PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Yes
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

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AG129 **A & D ANDREW DITCHING & TILING** **FINDS** **1011295285**
NW **1005 SW PAYTON** **N/A**
> 1 **DES MOINES, IA 50315**
1.281 mi.
6761 ft. **Site 2 of 2 in cluster AG**

Relative:
Higher

Actual:
951 ft.

FINDS:

Registry ID: 110036390312

Environmental Interest/Information System
IDNR-EFD (Iowa Department Of Natural Resources - Emission Factor Documentation) provides information about existing emission factors

AD130 **A TO Z RENTALS** **RCRA-CESQG** **1004689669**
WNW **1211 ARMY POST RD** **FINDS** **IAD056733165**
> 1 **DES MOINES, IA 50315**
1.288 mi.
6798 ft. **Site 2 of 2 in cluster AD**

Relative:
Higher

Actual:
950 ft.

RCRA-CESQG:

Date form received by agency:	02/07/1994
Facility name:	A TO Z RENTALS
Facility address:	1211 ARMY POST RD DES MOINES, IA 50315
EPA ID:	IAD056733165
Mailing address:	ARMY POST RD DES MOINES, IA 50315
Contact:	Not reported
Contact address:	Not reported Not reported
Contact country:	Not reported
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	07
Land type:	Private
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name:	GLEN KLEMP
Owner/operator address:	1654 LIVINGSTON AVE WEST ST PAUL, MN 55118
Owner/operator country:	Not reported
Owner/operator telephone:	(612) 457-0300
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	Unknown
Mixed waste (haz. and radioactive):	Unknown
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	Unknown
Furnace exemption:	Unknown

A TO Z RENTALS (Continued) **1004689669**

Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Verified to be non-commercial

Historical Generators:
Date form received by agency: 04/10/1986
Facility name: A TO Z RENTALS
Classification: Small Quantity Generator

Hazardous Waste Summary:
Waste code: D000
Waste name: Not Defined

Waste code: UOIL
Waste name: UOIL

Waste code: D000
Waste name: Not Defined

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 02/07/1994
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA Contractor/Grantee

FINDS:

Registry ID: 110005744622

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

AC131 **SIGNS PLUS, INC.** **AIRS** **S107669737**
NNE **1410 SE DIEHL AVE** **N/A**
> 1 **DES MOINES, IA 50320**
1.293 mi.
6827 ft. **Site 2 of 4 in cluster AC**

Relative:
Higher

Actual:
915 ft.

AIRS:

Facility Number:	77-01-267
Status:	Minor
Closed?:	NO
Region:	Central
Exempt:	NO
Contact Name:	Ms. Beth McGeough
Contact Phone:	515-285-8700
Facility Contact Phone:	Not reported
Mailing Address:	1410 SE DIEHL AVE
Mailing Address 2:	Not reported
Mailing City,St,Zip:	DES MOINES, IA 50320-
SIC Primary:	Not reported
NAICS Primary:	Not reported

AC132 **SIGNS PLUS MANUFACTURING INC** **RCRA-NonGen** **1005415873**
NNE **1410 SE DIEHL AVE** **FINDS** **IAR000501163**
> 1 **DES MOINES, IA 50320**
1.293 mi.
6827 ft. **Site 3 of 4 in cluster AC**

Relative:
Higher

Actual:
915 ft.

RCRA-NonGen:

Date form received by agency:	07/01/2002
Facility name:	SIGNS PLUS MANUFACTURING INC
Facility address:	1410 SE DIEHL AVE DES MOINES, IA 50320
EPA ID:	IAR000501163
Mailing address:	SE DIEHL AVE DES MOINES, IA 50320
Contact:	Not reported
Contact address:	Not reported Not reported
Contact country:	Not reported
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	07
Land type:	Private
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	MERLE MARTENS
Owner/operator address:	4949 PLEASANT ST STE 104 WEST DES MOINES, IA 50266
Owner/operator country:	Not reported
Owner/operator telephone:	(515) 223-4841
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	01/01/0001
Owner/Op end date:	Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: Unknown

SIGNS PLUS MANUFACTURING INC (Continued) **1005415873**

Mixed waste (haz. and radioactive): Unknown
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: Unknown
Furnace exemption: Unknown
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Verified to be non-commercial

Historical Generators:
Date form received by agency: 03/29/2002
Facility name: SIGNS PLUS MANUFACTURING INC
Classification: Small Quantity Generator

Hazardous Waste Summary:
Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D009
Waste name: MERCURY

Waste code: F005
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D009
Waste name: MERCURY

Waste code: F005

SIGNS PLUS MANUFACTURING INC (Continued) **1005415873**

Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Facility Has Received Notices of Violations:

Regulation violated: FR - 40 CFR 262.11
Area of violation: Generators - General
Date violation determined: 02/26/2002
Date achieved compliance: 09/03/2002
Violation lead agency: EPA
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 05/22/2002
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 40 CFR 279.22(c)(1)
Area of violation: Generators - General
Date violation determined: 10/16/1997
Date achieved compliance: 04/06/1998
Violation lead agency: EPA
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/06/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 40 CFR 262.11
Area of violation: Generators - General
Date violation determined: 10/16/1997
Date achieved compliance: 04/06/1998
Violation lead agency: EPA
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/06/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:

Evaluation date: 07/01/2002
Evaluation: COMPLIANCE ASSISTANCE VISIT
Area of violation: Not reported
Date achieved compliance: Not reported

SIGNS PLUS MANUFACTURING INC (Continued) **1005415873**

Evaluation lead agency: EPA

Evaluation date: 02/26/2002
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 09/03/2002
Evaluation lead agency: EPA

Evaluation date: 08/22/2001
Evaluation: FOLLOW-UP INSPECTION
Area of violation: Generators - General
Date achieved compliance: 04/06/1998
Evaluation lead agency: EPA

Evaluation date: 10/16/1997
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 04/06/1998
Evaluation lead agency: EPA

Evaluation date: 10/14/1997
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Generators - General
Date achieved compliance: 04/06/1998
Evaluation lead agency: EPA Contractor/Grantee

FINDS:

Registry ID: 110001402045

Environmental Interest/Information System

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

AE133 **SPILLS** **S106719771**
NW **913 FREDERICK, / SURROUNDING HOUSES.** **N/A**
> 1 **DES MOINES, IA**
1.294 mi.
6831 ft. **Site 3 of 5 in cluster AE**

Relative:
Higher

Actual:
948 ft.

SPILL:

Facility ID:	02046-SM-1116
Reported Date:	2/4/1996
Reported Time:	11:16:00 AM
Taken By:	SUSAN MILLARD
Spill Date:	2/4/1996
Spill Time:	10:45:00 AM
6 hr Letter:	No
Continuous Release:	No
Incident Location:	Not reported
Incident Mode:	Handling And Storage
Incident Type:	Petroleum
Incident Medium Land:	Yes
Incident Medium Water:	No
Incident Medium Air:	No
Initial Instructions:	Not reported
Events:	Des Moines Haz Mat responded to a report of strong gasoline fumes comming from the basement floor drains of 4 houses on Frederick St.

AC134 **VANS MOBILE HOMES** **RCRA-NonGen** **1000134787**
NNE **5832 SE 14TH ST** **FINDS** **IAD087123188**
> 1 **DES MOINES, IA 50320**
1.304 mi.
6883 ft. **Site 4 of 4 in cluster AC**

Relative:
Higher

Actual:
925 ft.

RCRA-NonGen:

Date form received by agency:	02/10/1994
Facility name:	VANS MOBILE HOMES
Facility address:	5832 SE 14TH ST DES MOINES, IA 50320
EPA ID:	IAD087123188
Mailing address:	SE 14TH ST DES MOINES, IA 50320
Contact:	Not reported
Contact address:	Not reported Not reported
Contact country:	Not reported
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	07
Land type:	Private
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	BOB TROSTLE RACING
Owner/operator address:	937 MAPLE ST WEST DES MOINES, IA 50265
Owner/operator country:	Not reported
Owner/operator telephone:	515
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported

VANS MOBILE HOMES (Continued) **1000134787**

Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: Unknown
Mixed waste (haz. and radioactive): Unknown
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: Unknown
Furnace exemption: Unknown
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Verified to be non-commercial

Historical Generators:
Date form received by agency: 09/04/1986
Facility name: VANS MOBILE HOMES
Classification: Small Quantity Generator

Hazardous Waste Summary:
Waste code: NONE
Waste name: None

Waste code: D000
Waste name: Not Defined

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 02/10/1994
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA Contractor/Grantee

FINDS:

Registry ID: 110005748771

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource

VANS MOBILE HOMES (Continued) **1000134787**

Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

AE135 **PHILLIPS** **LUST** **U003171324**
NW **5800 SW 9TH STREET** **HIST LUST** **N/A**
> 1 **DES MOINES, IA 50315** **UST**
1.313 mi. **HIST UST**
6930 ft. **Site 4 of 5 in cluster AE**

Relative: Higher

Actual: 949 ft.

LUST:

Registration:	198608688
Leak Number:	9LTD00
Date Reported:	2/4/1996
Date Cleanup Started:	9/4/2002
Date Cleanup Completed:	3/20/2007
Record Description:	No Action Required
Product Description:	Gasoline

HIST LUST:

Facility ID:	198608688
Leak Number:	9LTD00
Leak Entry Date:	02/22/96
Spill Number:	02046-SM-1116
Occur Date:	Not reported
Occur Time:	Not reported
Discover Date:	2/4/1996 0:00
Discover Time:	10:45AM
Facility Addr 2:	Not reported
Facility Phone:	Not reported
Facility Fax1:	Not reported
Facility Fax2:	Not reported
Owner Name:	DELL OIL LTD
Owner Type:	Private/Corporate
Owner Addr:	5166 NW 111TH DRIVE
Owner City,St,Zip:	GRIMES, IA 501110000
Owner Phone:	5159863333
Owner Fax:	Not reported
Lead:	P
Coordinator:	ERD
Staff Initials:	KKL
Leak Contact:	BILL SAWDAY
Leak Address:	Not reported
Leak City,St,Zip:	0
Leak Phone:	5152872167
Record Name:	JAMES GASTINEAU
Record Date:	2/6/1996 0:00
Record Location:	Lust
Reporter Name:	Not reported
Reporter Business:	DES MOINES FIRE DEPT
Reporter Date:	02/04/96
Reporter Addr:	9TH & MULBERRY
Rprtr City,St,Zip:	DES MOINES, IA 0
Reporter Phone:	0

PHILLIPS (Continued) **U003171324**

Responsible Party: Not reported
RP Company: Not reported
RP Address: Not reported
RP City,St,Zip: 0
RP Phone: 0
RP Ext: Not reported
RP Fax: Not reported
ER Date: Not reported
Delete: No
Ground Water Professional ID: 1236
Ground Water Professional Due Date: 07/10/98
Ground Water Professional Received Date: 07/13/99
Corrective Action Design Report Id: 1236
Corrective Action Design Due Date: Not reported
Corrective Action Design Record Date: 10/31/00

IA Hist Lust Status:
ID: 4052
Site Leak Number: 9LTD00
Discovered During: Other
Tanks Removed: 00
Leak Cause: UNK
Gas: Yes
Diesel: Not reported
Oil: Not reported
Kerosene: Not reported
Released Fuel Oil: Not reported
Released Hydraulic Oil: Not reported
Released Other Petroleum: Not reported
Released Unknown: Not reported
Released Non_Petroleum Chemical: Not reported
Gallons Released: UNK000000000
Leak Status: Unknown
Loc Soil: Not reported
Loc Ground Water: Yes
Loc Surface Water: Not reported
Loc Water Supply: Not reported
Res Public Water Supply: Not reported
Resources Water Well: Not reported
Res Actual Drinking WW: Not reported
Res Non-Drink WW: Not reported
respotprtg: Not reported
ressoil: Not reported
Res Ground Water: Not reported
Res Surface Water: Not reported
Res Toxic Vapor: Not reported
Res Explosive Vapor: Not reported
Res Other: Not reported
Res Impacted Soil: Not reported
Res Impacted Ground Water: Not reported
Res Impacted Water Well: Not reported
Res Impacted Pub Water Supply: Not reported
Res Impacted Surface Water: Not reported
Res Impacted Toxic Vapor: Not reported
Res Impacted Explosive Vapor: Not reported
Res Impacted Other: Not reported
Res Impacted Drinking WW: Not reported
Res Impacted Non-Drink WW: Not reported

PHILLIPS (Continued) **U003171324**

Res Impacted Potential Non Drink WW:	Not reported
Officials Onsite Health:	Not reported
Officials Onsite Fire:	Yes
Officials Onsite Law:	Not reported
Officials Onsite Civil:	Not reported
Officials Onsite None:	Not reported
Officials Onsite Unknown:	Not reported
Officials Onsite Other:	Not reported
AST:	Not reported
UST/LUST Other:	Not reported
Delete:	No

IA Hist Lust Cause:

Release Cause:	Unknown

IA Hist Lust HICA:

Leak Number:	9LTD00
Registration Number:	198608688
Date CorrectiveActionDesign Report(CADR) Rec:	Not reported
Date CADR Due:	Not reported
Date CADR Approved:	Not reported
Date CADR Rejected:	Not reported
Date CADR Remediation Started:	9/24/2003 0:00
Date CADR Remediation Completed:	Not reported
Staff CADR Reviewed By:	Not reported

IA Hist Lust Groundwater:

Groundwater Prof. Applicant Id Num.:	1236
Groundwater Pro. App. Last Name:	WADE
Groundwater Pro. App. First Name:	BRAD
Groundwater Pro. Firm:	GROUNDWATER SERVICE & SUPPLY, INC
Groundwater Pro. Address:	3311 - 109TH STREET
Groundwater Pro. Address 2:	Not reported
Groundwater Pro. City:	URBANDALE
Groundwater Pro. State:	IA
Groundwater Pro. Zip Code:	-50322
Groundwater Pro. Tele:	5153312103
Groundwater Pro. Fax:	Not reported
Groundwater Pro. Email:	bwade@gssmidwest.com
Groundwater Pro. Exp. Of Gwp Cert.:	12/31/2007 0:00
Is The Gwp Certified?:	Yes
Is Gwp Cert. For Cadr?:	Yes

IA Hist Lust Misc:

Misc Due Date:	8/7/03 0:00:00	Misc Rec Date:	Not reported
Misc Other:	Not reported	Misc Title:	OE report
Misc Due Date:	Not reported	Misc Rec Date:	10/18/04 0:00:00
Misc Other:	Not reported	Misc Title:	MTBE WORKSHEET & DISK
Misc Due Date:	Not reported	Misc Rec Date:	7/27/05 0:00:00
Misc Other:	Not reported	Misc Title:	MTBE WORKSHEET & DISK
Misc Due Date:	Not reported	Misc Rec Date:	12/10/99 0:00:00
Misc Other:	Not reported	Misc Title:	MTBE WORKSHEET & DISK

PHILLIPS (Continued) **U003171324**

Misc Due Date:	Not reported	Misc Rec Date:	4/20/06 0:00:00
Misc Other:	Not reported	Misc Title:	MTBE WORKSHEET & DISK
Misc Due Date:	Not reported	Misc Rec Date:	11/27/06 0:00:00
Misc Other:	Not reported	Misc Title:	MTBE WORKSHEET & DISK
Misc Due Date:	Not reported	Misc Rec Date:	10/31/00 0:00:00
Misc Other:	Not reported	Misc Title:	SMR/MTBE/DISKETTE
Misc Due Date:	Not reported	Misc Rec Date:	11/14/01 0:00:00
Misc Other:	Not reported	Misc Title:	MTBE WORKSHEET & DISK
Misc Due Date:	Not reported	Misc Rec Date:	8/6/02 0:00:00
Misc Other:	Not reported	Misc Title:	MTBE WORKSHEET & DISK

IA Hist Lust Site Monitoring Report:

Site Monitoring Report Due Date:	10/30/99 0:00:00
Site Monitoring Report Rec Date:	9/20/99 0:00:00
Site Monitoring Report Reg Date:	Not reported
Site Monitoring Report Rejected Date:	Not reported
Site Monitoring Report Type:	P
Reclassification Request Type:	Not reported
Site Monitoring Report Revd By:	Not reported
GW professional ID:	Not reported
Site Monitoring Report Due Date:	10/30/00 0:00:00
Site Monitoring Report Rec Date:	10/31/00 0:00:00
Site Monitoring Report Reg Date:	Not reported
Site Monitoring Report Rejected Date:	Not reported
Site Monitoring Report Type:	H
Reclassification Request Type:	Not reported
Site Monitoring Report Revd By:	Not reported
GW professional ID:	Not reported
Site Monitoring Report Due Date:	Not reported
Site Monitoring Report Rec Date:	7/27/05 0:00:00
Site Monitoring Report Reg Date:	3/15/06 0:00:00
Site Monitoring Report Rejected Date:	Not reported
Site Monitoring Report Type:	C
Reclassification Request Type:	Low R
Site Monitoring Report Revd By:	KKL
GW professional ID:	1236
Site Monitoring Report Due Date:	10/30/06 0:00:00
Site Monitoring Report Rec Date:	4/20/06 0:00:00
Site Monitoring Report Reg Date:	5/5/06 0:00:00
Site Monitoring Report Rejected Date:	Not reported
Site Monitoring Report Type:	C
Reclassification Request Type:	NFA
Site Monitoring Report Revd By:	KKL
GW professional ID:	1236
Site Monitoring Report Due Date:	10/30/06 0:00:00
Site Monitoring Report Rec Date:	11/27/06 0:00:00
Site Monitoring Report Reg Date:	Not reported
Site Monitoring Report Rejected Date:	Not reported
Site Monitoring Report Type:	C

PHILLIPS (Continued) **U003171324**

Reclassification Request Type:	NFA
Site Monitoring Report Revd By:	Not reported
GW professional ID:	1236
Site Monitoring Report Due Date:	10/30/01 0:00:00
Site Monitoring Report Rec Date:	11/14/01 0:00:00
Site Monitoring Report Reg Date:	Not reported
Site Monitoring Report Rejected Date:	Not reported
Site Monitoring Report Type:	H
Reclassification Request Type:	Not reported
Site Monitoring Report Revd By:	Not reported
GW professional ID:	Not reported
Site Monitoring Report Due Date:	10/30/02 0:00:00
Site Monitoring Report Rec Date:	8/6/02 0:00:00
Site Monitoring Report Reg Date:	Not reported
Site Monitoring Report Rejected Date:	Not reported
Site Monitoring Report Type:	H
Reclassification Request Type:	Not reported
Site Monitoring Report Revd By:	Not reported
GW professional ID:	Not reported
Site Monitoring Report Due Date:	10/30/03 0:00:00
Site Monitoring Report Rec Date:	1/29/03 0:00:00
Site Monitoring Report Reg Date:	Not reported
Site Monitoring Report Rejected Date:	5/7/03 0:00:00
Site Monitoring Report Type:	H
Reclassification Request Type:	Not reported
Site Monitoring Report Revd By:	Not reported
GW professional ID:	Not reported
Site Monitoring Report Due Date:	10/30/03 0:00:00
Site Monitoring Report Rec Date:	10/18/04 0:00:00
Site Monitoring Report Reg Date:	4/4/05 0:00:00
Site Monitoring Report Rejected Date:	Not reported
Site Monitoring Report Type:	C
Reclassification Request Type:	NFA
Site Monitoring Report Revd By:	KKL
GW professional ID:	Not reported

IA Hist Lust Remediation:

Heat Treatment:	No
Land Application:	No
On Site:	No
Achieved Over-Excavation:	No
Soil Venting Passive:	No
Soil Venting Active:	No
Bioremediation Passive:	No
Bioremediation Active:	No
In Situ GW Treatment - Air Sparging:	No
Ground Water:	No
Fresh Water:	No
IGT - pH Adjustment:	No
Nutrient:	No
Oxygen:	No
Biological:	No
Permit Date:	Not reported

PHILLIPS (Continued) **U003171324**

Other:	No
Surface Treatment - Carbon Absorption:	No
Biological:	No
ST Other:	No
TDT Sanitary Sewer:	No
TDT Storm Sewer:	No
Stream:	No
TDT Other:	No
Reduced Risk Plugged Well:	No
RR Replace:	No
RR Relocate:	No
RR Other:	No
Delete:	No

IA Hist Lust Free Product Recovery:

FPR Report Assesment Due:	Not reported
FPR Report Received:	4/19/99 0:00:00
FPR Report Accepted:	Not reported
FPR Report Rejected:	Not reported
FPR Report Revised:	Not reported
FPR Report Assesment Due:	Not reported
FPR Report Received:	7/13/99 0:00:00
FPR Report Accepted:	Not reported
FPR Report Rejected:	Not reported
FPR Report Revised:	Not reported
FPR Report Assesment Due:	Not reported
FPR Report Received:	7/16/99 0:00:00
FPR Report Accepted:	Not reported
FPR Report Rejected:	Not reported
FPR Report Revised:	Not reported
FPR Report Assesment Due:	10/15/99 0:00:00
FPR Report Received:	9/17/99 0:00:00
FPR Report Accepted:	1/18/00 0:00:00
FPR Report Rejected:	Not reported
FPR Report Revised:	Not reported
FPR Report Assesment Due:	11/15/99 0:00:00
FPR Report Received:	10/25/99 0:00:00
FPR Report Accepted:	1/18/00 0:00:00
FPR Report Rejected:	Not reported
FPR Report Revised:	Not reported
FPR Report Assesment Due:	9/15/99 0:00:00
FPR Report Received:	8/24/99 0:00:00
FPR Report Accepted:	1/18/00 0:00:00
FPR Report Rejected:	Not reported
FPR Report Revised:	Not reported
FPR Report Assesment Due:	Not reported
FPR Report Received:	Not reported
FPR Report Accepted:	Not reported
FPR Report Rejected:	Not reported
FPR Report Revised:	Not reported

PHILLIPS (Continued) **U003171324**

FPR Report Assesment Due: 12/15/99 0:00:00
FPR Report Received: 11/29/99 0:00:00
FPR Report Accepted: 12/14/99 0:00:00
FPR Report Rejected: Not reported
FPR Report Revised: Not reported

FPR Report Assesment Due: 1/15/00 0:00:00
FPR Report Received: 1/3/00 0:00:00
FPR Report Accepted: 1/24/00 0:00:00
FPR Report Rejected: Not reported
FPR Report Revised: Not reported

IA Hist Lust Corrective Action Design Report:
Corrective Action Design Record Date: Not reported
Corrective Action Design Received: Not reported
Corrective Action Design Accepted: Not reported
Corrective Action Design Rejected: Not reported
Revised Report Received: Not reported

IA Hist Lust Tier 1 Report:
T1 Assesment Due: Not reported
T1 Received: Not reported
Tier 1 Consultant Recommends: Not reported
T1 Accepted: Not reported
T1 Rejected: Not reported
T1 Revised: Not reported
T1 Reviewed: Not reported

IA Hist Lust Tier 2 Report:
T2 Assesment Due: 5/23/05 0:00:00
T2 Received: Not reported
T2 Accepted: Not reported
T2 Rejected: Not reported
T2 Reviewed: Not reported

T2 Assesment Due: Not reported
T2 Received: 12/1/03 0:00:00
T2 Accepted: Not reported
T2 Rejected: 4/4/05 0:00:00
T2 Reviewed: KKL

T2 Assesment Due: Not reported
T2 Received: 8/6/02 0:00:00
T2 Accepted: 9/4/02 0:00:00
T2 Rejected: Not reported
T2 Reviewed: ERD

T2 Assesment Due: Not reported
T2 Received: 12/10/99 0:00:00
T2 Accepted: 2/8/00 0:00:00
T2 Rejected: Not reported
T2 Reviewed: TMV

IA Hist Lust Tier 3 Report:
T3 Assesment Due: Not reported

PHILLIPS (Continued) **U003171324**

T3 Received:	Not reported
T3 Accepted:	Not reported
T3 Rejected:	Not reported

IA Hist Lust Administration:

ID:	4052
Owner Identified:	Yes
Responsible Party Found:	Yes
RP Date:	2/22/96 0:00:00
Owner Broke:	No
ER Date:	Not reported
Cost Recovery Start Dt:	Not reported
CR Notice of Intent Dt:	Not reported
CR Appeal of NOI Dt:	Not reported
CR Final Decision Dt:	Not reported
CR EP Comm Lien Approval Dt:	Not reported
CR Lien:	Not reported
CR Ten Yr Renewal Dt:	Not reported
CR Lien Named:	No
crtyrdate:	Not reported
CR Remediation:	Not reported
Delete:	No
CR Amnt Received:	Not reported
CR End Date:	Not reported

IA Hist Lust 28E:

Counter:	Not reported
Staff Initials:	Not reported
Type:	Not reported
County:	Not reported
Part Of State:	Not reported
Priority Number:	Not reported
Reason:	Not reported
Responsible Party:	Not reported
rfpno:	Not reported
Removed:	Not reported
Date Removed:	Not reported
Field Office:	Not reported
Newlist:	Not reported
State Lead:	Not reported
Access Letter Mailed:	Not reported
Owner Signed Access:	Not reported
Signed Access to Contractor:	Not reported
Contractor Signed Access:	Not reported
Final Access Mailed:	Not reported
nfr:	Not reported
Start Date:	Not reported

IA Hist Lust AO:

Seq Number:	Not reported
Distribution:	Not reported
UST/LUST Other:	Not reported
Order Type:	Not reported
Legal Ref Start:	Not reported
Division ADM Date:	Not reported
CE Bureau Date:	Not reported

PHILLIPS (Continued) **U003171324**

AO Issue Date: Not reported
AO Number: Not reported
Name Of Parties: Not reported
Penalty Due Date: Not reported
Penalty Amount: Not reported
Penalty Paid Date: Not reported
Penalty Amount Paid: Not reported
AO Appeal Date: Not reported
ALJ Decision Date: Not reported
EPC Decision Date: Not reported
Attorney Gen Ref Date: Not reported
Final Court Decision: Not reported
Case Number: Not reported
County: Not reported
Action Required: Not reported
Compliance Due: Not reported
In Compliance Date: Not reported
Removed: Not reported
Staff Initials: Not reported

IA Hist Lust ATP:
Seq Number: Not reported
Last Name: Not reported
Priority Rank: Not reported
Type: Not reported
Reason: Not reported
ATP Due: Not reported
ATP Letter: Not reported
Financial Documents Recvd: Not reported
Able/Unable To Pay: Not reported
Final Letter: Not reported
Project Complete: Not reported
RP Able to Pay: Not reported
Project Removed: Not reported
Staff Initials: Not reported
Comment: Not reported

IA Hist Lust Contract:
Seq Number: Not reported
Tank City: Not reported
Staff Initials: Not reported
Score: Not reported
Scope Completed: Not reported
Advertise: Not reported
Receive Bids: Not reported
Commission Approval: Not reported
Contract Approved: Not reported
Original Contract Amt: Not reported
Change Orders: Not reported
Paid to Date: Not reported
SCR/CADR Received: Not reported
SCR/CADR Approved: Not reported
Contract: Not reported

IA Hist Lust Bedrock Well:
ID: Not reported

PHILLIPS (Continued) **U003171324**

Category:	Not reported
Sample Water Supply:	Not reported
GIS Survey:	Not reported

IA Hist Lust Inst Control:

Inst Control Begin:	Not reported
Inst Control Type:	Not reported

IA Hist Lust Track:

ID:	4052
Site Assesment Start Date:	Not reported
Free Product Recvry End Date:	5/11/00 0:00:00
FP Letter Sent Date:	Not reported
FP Report Frequency:	MONTHLY
Assesment Report Due:	Not reported
Assesment Report Received:	Not reported
Assesment Report Approved:	Not reported
Achieved Over-Excavation:	Not reported
Release Not Verified Date:	Not reported
Ref to Contaminated Site Section:	Not reported
Cleanup Start Date:	Not reported
Cleanup Complete Date:	Not reported
Cleanup Report Due Date:	Not reported
Cleanup Report Received Date:	Not reported
Cleanup Report Approved Date:	Not reported
Check Report Due Date:	Not reported
Check Report Received Date:	Not reported
Check Report Rejected Date:	Not reported
Check Report Approved Date:	Not reported
Date Classified:	5/5/06 0:00:00
Risk Classification -NFA:	No
Class - Low Risk:	Yes
Class - High Risk:	No
Lust Current:	Low Risk
Tier 1 Consultant Recommends:	Not reported
T1 Actual GW Ingestion:	No
T1 Poten GW Ingestion from Protected GW:	No
T1 Poten GW Ingestion from Protected GW:	No
T1 GW Vapor to Enclosed Space:	No
T1 GW to Plastic Water Line:	No
T1 Surface Water:	No
T1 Soil Leaching to GW:	No
T1 Soil Vapor to Enclosed Space:	No
T1 Soil to Plastic Line:	No
Tier 2 Consultant Recommends:	Low Risk
T2 Actual GW Ingestion:	NFA
T2 Poten GW Ingestion from Protected GW:	NFA
T2 Poten GW Ingestion from Protected GW:	NFA
T2 GW Vapor to Enclosed Space:	Low Risk
T2 GW to Plastic Water Line:	NFA
T2 SW General Use:	NFA
T2 SW Designated Use:	NFA
T2 Soil Leaching to GW:	NFA
T2 Soil Vapor to Enclosed Space:	NFA
T2 Soil to Plastic Line:	NFA
Institutional Control Obtained:	No

PHILLIPS (Continued) **U003171324**

NFA Certificate Sent: Not reported
No Action Required: **No**
Priority Ranking: 3
Delete: No

UST:
Registration: 198608688

UST:
Registration: 198608688
Status Description: Regulated tanks - temp closed
Type Description: Private/Corporate

Tank Id: 26357
Install Date: 6/1/1972
Status Description: Regulated tanks - r/f
Capacity: 8000
Content Description: Gasoline

Registration: 198608688
Tank Id: 26359
Install Date: 12/1/1993
Status Description: Regulated tank - active
Capacity: 9488
Content Description: Gasoline

Registration: 198608688
Tank Id: 26358
Install Date: 6/1/1972
Status Description: Regulated tanks - r/f
Capacity: 8000
Content Description: Gasoline

Registration: 198608688
Tank Id: 26359
Install Date: 12/1/1993
Status Description: Regulated tank - active
Capacity: 5857
Content Description: Gasoline

Registration: 198608688
Tank Id: 26359
Install Date: 12/1/1993
Status Description: Regulated tanks - temp closed
Capacity: 9488
Content Description: Gasoline

Registration: 198608688
Tank Id: 26359
Install Date: 12/1/1993
Status Description: Regulated tanks - r/f
Capacity: 5857
Content Description: Gasoline

Registration: 198608688
Tank Id: 26356

PHILLIPS (Continued) **U003171324**

Install Date:	6/1/1972
Status Description:	Regulated tanks - r/f
Capacity:	8000
Content Description:	Gasoline

Registration:	198608688
Tank Id:	26359
Install Date:	12/1/1993
Status Description:	Regulated tanks - r/f
Capacity:	9488
Content Description:	Gasoline

Registration:	198608688
Tank Id:	26355
Install Date:	4/1/1972
Status Description:	Regulated tanks - r/f
Capacity:	8000
Content Description:	Gasoline

Registration:	198608688
Tank Id:	26359
Install Date:	12/1/1993
Status Description:	Regulated tanks - temp closed
Capacity:	5857
Content Description:	Gasoline

HIST UST:

Tank Number:	001
Tank Status:	**Regulated tanks - r/f**
Tank Type:	Commercial
Tank Capacity:	8000
Currently In Use:	No
Tank Material and Construction:	FRP
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported
Site Install Date:	4/1/72 0:00:00
Date Removed:	11/1/93 0:00:00
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Yes
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported

PHILLIPS (Continued) **U003171324**

TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Yes
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Yes
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Not reported
PCP Fiberglass Reinforced Plastic:	Yes
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Yes
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported

PHILLIPS (Continued) **U003171324**

Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported
Tank Number:	002
Tank Status:	**Regulated tanks - r/f**
Tank Type:	Commercial
Tank Capacity:	8000
Currently In Use:	No
Tank Material and Construction:	FRP
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported
Site Install Date:	6/1/72 0:00:00
Date Removed:	11/1/93 0:00:00
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Yes
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Yes
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Yes
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Not reported
PCP Fiberglass Reinforced Plastic:	Yes

PHILLIPS (Continued) **U003171324**

PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Yes
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

Tank Number:	003
Tank Status:	**Regulated tanks - r/f**
Tank Type:	Commercial
Tank Capacity:	8000
Currently In Use:	No
Tank Material and Construction:	FRP
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported
Site Install Date:	6/1/72 0:00:00
Date Removed:	11/1/93 0:00:00
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0

PHILLIPS (Continued) **U003171324**

Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Yes
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Yes
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Yes
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Not reported
PCP Fiberglass Reinforced Plastic:	Yes
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Yes
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported

PHILLIPS (Continued) **U003171324**

Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

Tank Number:	004
Tank Status:	**Regulated tanks - r/f**
Tank Type:	Commercial
Tank Capacity:	8000
Currently In Use:	No
Tank Material and Construction:	Steel
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported
Site Install Date:	6/1/72 0:00:00
Date Removed:	11/1/93 0:00:00
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Yes
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Yes
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported

PHILLIPS (Continued) **U003171324**

LDS Tank Tightness Testing:	Yes
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Not reported
PCP Fiberglass Reinforced Plastic:	Yes
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Yes
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

Tank Number:	005
Tank Status:	**Regulated tank - active**
Tank Type:	Commercial
Tank Capacity:	0
Currently In Use:	Yes
Tank Material and Construction:	Double Wall Composite
Tank Material and Construction Other:	COMPOSITE
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported
Site Install Date:	12/1/93 0:00:00
Date Removed:	Not reported

PHILLIPS (Continued) **U003171324**

Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	Yes
Compartment Capacity:	5857
Compartment 1 Contents:	Gasoline
Compartment 1 Case:	Not reported
Compartment 2 Capacity:	9488
Compartment 2 Contents:	Gasoline
Compartment 2 Case:	Not reported
Compartment 3 Capacity:	9488
Compartment 3 Contents:	Gasoline
Compartment 3 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Yes
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Yes
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Yes
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Yes
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Not reported
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Yes
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Yes
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Yes

PHILLIPS (Continued) **U003171324**

PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	SUMPS AT TANKS AND DISPENSERS
Spill Protection:	Yes
Catchment Basin Size:	2
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Yes
Automatic Shutoff Device:	Yes
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Yes
Manufacturer Checklist Completed:	Yes
Tanks/Pipes Tested for leaks during/after Install:	Yes
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

Click this hyperlink while viewing on your computer to access additional IA HIST UST: detail in the EDR Site Report.

AE136 **PHILLIPS** **FINDS** **1011270591**
NW **5800 SW 9TH STREET** **N/A**
> 1 **DES MOINES, IA 50315**
1.313 mi.
6930 ft. **Site 5 of 5 in cluster AE**

Relative: Higher

FINDS:

Registry ID: 110036176321

Actual: 949 ft.

Environmental Interest/Information System
IDNR-EFD (Iowa Department Of Natural Resources - Emission Factor Documentation) provides information about existing emission factors

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AH137 **LOVEJOY ELEMENTARY SCHOOL** **UST** **U003126213**
NNE **801 SE KENYON AVE** **HIST UST** **N/A**
> 1 **DES MOINES, IA 50315**
1.324 mi.
6992 ft. **Site 1 of 3 in cluster AH**

Relative: Higher

UST:
Registration: 198609845

Actual: 927 ft.

UST:
Registration: 198609845
Status Description: Non-regulated heating oil tanks - active

LOVEJOY ELEMENTARY SCHOOL (Continued) **U003126213**

Type Description: Private/Corporate

Tank Id: 29568
Install Date: 12/1/1972
Status Description: Non-regulated heating oil tank - active
Capacity: 10000
Content Description: Other

HIST UST:

Tank Number:	001
Tank Status:	**Non-regulated heating oil tank - active**
Tank Type:	Not reported
Tank Capacity:	10000
Currently In Use:	No
Tank Material and Construction:	Steel Int. Lined with Fiberglass
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	1/1/71 0:00:00
Site Install Date:	12/1/72 0:00:00
Date Removed:	Not reported
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Yes
TIP None:	Not reported
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported

LOVEJOY ELEMENTARY SCHOOL (Continued) **U003126213**

LDS None:	Not reported
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Yes
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

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AH138 **LOVEJOY ELEMENTARY SCH** **FINDS** **1011286481**
NNE **801 SE KENYON AVE** **N/A**
> 1 **DES MOINES, IA 50315**
1.324 mi.
6992 ft. **Site 2 of 3 in cluster AH**

Relative: Higher

FINDS:

Registry ID: 110036175206

Actual: 927 ft.

Environmental Interest/Information System
IDNR-EFD (Iowa Department Of Natural Resources - Emission Factor Documentation) provides information about existing emission factors

AH139 **LOVEJOY ELEMENTARY SCHOOL** **FINDS** **1008302978**
NNE **801 E KENYON AVE** **N/A**
> 1 **DES MOINES, IA 50315**
1.324 mi.
6992 ft. **Site 3 of 3 in cluster AH**

Relative:
Higher

Actual:
927 ft.

FINDS:

Registry ID: 110036780150

Environmental Interest/Information System
NCES (National Center for Education Statistics) is the primary federal entity for collecting and analyzing data related to education in the United States and other nations and the institute of education sciences.

AI140 **PAYLESS CASHWAYS INC #60 - FSO** **RCRA-NonGen** **1004690712**
ENE **1825 SE ARMY POST RD** **FINDS** **IAD984620443**
> 1 **DES MOINES, IA 50320**
1.345 mi.
7103 ft. **Site 1 of 2 in cluster AI**

Relative:
Higher

Actual:
944 ft.

RCRA-NonGen:

Date form received by agency:	05/04/2004
Facility name:	PAYLESS CASHWAYS INC #60 - FSO
Facility address:	1825 SE ARMY POST RD
	DES MOINES, IA 50320
EPA ID:	IAD984620443
Mailing address:	SE ARMY POST RD
	DES MOINES, IA 50320
Contact:	Not reported
Contact address:	Not reported
	Not reported
Contact country:	US
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	07
Land type:	Private
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste:	Unknown
Mixed waste (haz. and radioactive):	Unknown
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	Unknown
Furnace exemption:	Unknown
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No
Off-site waste receiver:	Commercial status unknown

PAYLESS CASHWAYS INC #60 - FSO (Continued) **1004690712**

Historical Generators:
Date form received by agency: 01/19/1994
Facility name: PAYLESS CASHWAYS INC #60 - FSO
Site name: PAYLESS CASHWAYS INC #60
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 01/19/1994
Facility name: PAYLESS CASHWAYS INC #60 - FSO
Site name: PAYLESS CASHWAYS INC #60
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 05/04/2004
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

Evaluation date: 01/20/1994
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA Contractor/Grantee

FINDS:

Registry ID: 110005767768

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

IDNR-EFD (Iowa Department Of Natural Resources - Emission Factor Documentation) provides information about existing emission factors

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AI141 **PAYLESS CASHWAYS** **LUST** **1000744496**
ENE **1825 SE ARMY POST RD** **HIST LUST** **N/A**
> 1 **DES MOINES, IA 50320** **UST**
1.345 mi. **HIST UST**
7103 ft. **Site 2 of 2 in cluster AI**

Relative: Higher

Actual: 944 ft.

LUST:
Registration: 198609652
Leak Number: 7LTA47
Date Reported: 7/28/1988
Date Cleanup Started: 11/28/1988
Date Cleanup Completed: 12/9/1988
Record Description: No Action Required
Product Description: Gasoline

PAYLESS CASHWAYS (Continued) **1000744496**

HIST LUST:

Facility ID:	198609652
Leak Number:	7LTA47
Leak Entry Date:	07/28/88
Spill Number:	Not reported
Occur Date:	Not reported
Occur Time:	Not reported
Discover Date:	Not reported
Discover Time:	Not reported
Facility Addr 2:	Not reported
Facility Phone:	Not reported
Facility Fax1:	Not reported
Facility Fax2:	Not reported
Owner Name:	PAYLESS CASHWAYS INC
Owner Type:	Private/Corporate
Owner Addr:	2301 MAIN
Owner City,St,Zip:	KANSAS CITY, MO 641080000
Owner Phone:	0000000000
Owner Fax:	Not reported
Lead:	Responsible Party
Coordinator:	ERD
Staff Initials:	Not reported
Leak Contact:	WILLIAM SHARP
Leak Address:	Not reported
Leak City,St,Zip:	0
Leak Phone:	0
Record Name:	Not reported
Record Date:	Not reported
Record Location:	Other
Reporter Name:	Not reported
Reporter Business:	Not reported
Reporter Date:	07/28/88
Reporter Addr:	Not reported
Rprtr City,St,Zip:	0
Reporter Phone:	0
Responsible Party:	Not reported
RP Company:	Not reported
RP Address:	Not reported
RP City,St,Zip:	0
RP Phone:	0
RP Ext:	Not reported
RP Fax:	Not reported
ER Date:	Not reported
Delete:	No
Ground Water Professional ID:	0
Ground Water Professional Due Date:	/ /
Ground Water Professional Received Date:	/ /
Corrective Action Design Report Id:	0
Corrective Action Design Due Date:	Not reported
Corrective Action Design Record Date:	/ /

IA Hist Lust Status:

ID:	4485
Site Leak Number:	7LTA47
Discovered During:	Other
Tanks Removed:	0
Leak Cause:	Not reported

PAYLESS CASHWAYS (Continued) **1000744496**

Gas:	Yes
Diesel:	Not reported
Oil:	Not reported
Kerosene:	Not reported
Released Fuel Oil:	Not reported
Released Hydraulic Oil:	Not reported
Released Other Petroleum:	Not reported
Released Unknown:	Not reported
Released Non_Petroleum Chemical:	Not reported
Gallons Released:	000000000000
Leak Status:	Unknown
Loc Soil:	Not reported
Loc Ground Water:	Not reported
Loc Surface Water:	Not reported
Loc Water Supply:	Not reported
Res Public Water Supply:	Not reported
Resources Water Well:	Not reported
Res Actual Drinking WW:	Not reported
Res Non-Drink WW:	Not reported
respotprtg:	Not reported
ressoil:	Not reported
Res Ground Water:	Not reported
Res Surface Water:	Not reported
Res Toxic Vapor:	Not reported
Res Explosive Vapor:	Not reported
Res Other:	Not reported
Res Impacted Soil:	Not reported
Res Impacted Ground Water:	Not reported
Res Impacted Water Well:	Not reported
Res Impacted Pub Water Supply:	Not reported
Res Impacted Surface Water:	Not reported
Res Impacted Toxic Vapor:	Not reported
Res Impacted Explosive Vapor:	Not reported
Res Impacted Other:	Not reported
Res Impacted Drinking WW:	Not reported
Res Impacted Non-Drink WW:	Not reported
Res Impacted Potential Non Drink WW:	Not reported
Officials Onsite Health:	Not reported
Officials Onsite Fire:	Not reported
Officials Onsite Law:	Not reported
Officials Onsite Civil:	Not reported
Officials Onsite None:	Not reported
Officials Onsite Unknown:	Not reported
Officials Onsite Other:	Not reported
AST:	Not reported
UST/LUST Other:	Not reported
Delete:	No

IA Hist Lust Cause:
Release Cause: Not reported

IA Hist Lust Misc:

Misc Due Date:	10/3/88 0:00:00	Misc Rec Date:	12/9/88 0:00:00
Misc Other:	Not reported	Misc Title:	Not reported

PAYLESS CASHWAYS (Continued) **1000744496**

IA Hist Lust Site Monitoring Report:

Site Monitoring Report Due Date:	Not reported
Site Monitoring Report Rec Date:	Not reported
Site Monitoring Report Reg Date:	Not reported
Site Monitoring Report Rejected Date:	Not reported
Site Monitoring Report Type:	Not reported
Reclassification Request Type:	Not reported
Site Monitoring Report Revd By:	Not reported
GW professional ID:	Not reported

IA Hist Lust Remediation:

Heat Treatment:	No
Land Application:	No
On Site:	No
Achieved Over-Excavation:	Yes
Soil Venting Passive:	No
Soil Venting Active:	No
Bioremediation Passive:	No
Bioremediation Active:	No
In Situ GW Treatment - Air Sparging:	No
Ground Water:	No
Fresh Water:	No
IGT - pH Adjustment:	No
Nutrient:	No
Oxygen:	No
Biological:	No
Permit Date:	Not reported
Other:	No
Surface Treatment - Carbon Absorption:	No
Biological:	No
ST Other:	No
TDT Sanitary Sewer:	No
TDT Storm Sewer:	No
Stream:	No
TDT Other:	No
Reduced Risk Plugged Well:	No
RR Replace:	No
RR Relocate:	No
RR Other:	No
Delete:	No

IA Hist Lust Free Product Recovery:

FPR Report Assesment Due:	Not reported
FPR Report Received:	Not reported
FPR Report Accepted:	Not reported
FPR Report Rejected:	Not reported
FPR Report Revised:	Not reported

IA Hist Lust Corrective Action Design Report:

Corrective Action Design Record Date:	Not reported
Corrective Action Design Received:	Not reported
Corrective Action Design Accepted:	Not reported
Corrective Action Design Rejected:	Not reported
Revised Report Received:	Not reported

PAYLESS CASHWAYS (Continued) **1000744496**

IA Hist Lust Tier 1 Report:

T1 Assesment Due:	Not reported
T1 Received:	Not reported
Tier 1 Consultant Recommends:	Not reported
T1 Accepted:	Not reported
T1 Rejected:	Not reported
T1 Revised:	Not reported
T1 Reviewed:	Not reported

IA Hist Lust Tier 2 Report:

T2 Assesment Due:	Not reported
T2 Received:	Not reported
T2 Accepted:	Not reported
T2 Rejected:	Not reported
T2 Reviewed:	Not reported

IA Hist Lust Tier 3 Report:

T3 Assesment Due:	Not reported
T3 Received:	Not reported
T3 Accepted:	Not reported
T3 Rejected:	Not reported

IA Hist Lust Administration:

ID:	4485
Owner Identified:	Yes
Responsible Party Found:	No
RP Date:	7/28/88 0:00:00
Owner Broke:	No
ER Date:	Not reported
Cost Recovery Start Dt:	Not reported
CR Notice of Intent Dt:	Not reported
CR Appeal of NOI Dt:	Not reported
CR Final Decision Dt:	Not reported
CR EP Comm Lien Approval Dt:	Not reported
CR Lien:	Not reported
CR Ten Yr Renewal Dt:	Not reported
CR Lien Named:	No
crtyrdate:	Not reported
CR Remediation:	Not reported
Delete:	No
CR Amnt Received:	Not reported
CR End Date:	Not reported

IA Hist Lust 28E:

Counter:	Not reported
Staff Initials:	Not reported
Type:	Not reported
County:	Not reported
Part Of State:	Not reported
Priority Number:	Not reported
Reason:	Not reported
Responsible Party:	Not reported
rfpno:	Not reported
Removed:	Not reported
Date Removed:	Not reported

PAYLESS CASHWAYS (Continued) **1000744496**

Field Office:	Not reported
Newlist:	Not reported
State Lead:	Not reported
Access Letter Mailed:	Not reported
Owner Signed Access:	Not reported
Signed Access to Contractor:	Not reported
Contractor Signed Access:	Not reported
Final Access Mailed:	Not reported
nfr:	Not reported
Start Date:	Not reported

IA Hist Lust AO:

Seq Number:	Not reported
Distribution:	Not reported
UST/LUST Other:	Not reported
Order Type:	Not reported
Legal Ref Start:	Not reported
Division ADM Date:	Not reported
CE Bureau Date:	Not reported
AO Issue Date:	Not reported
AO Number:	Not reported
Name Of Parties:	Not reported
Penalty Due Date:	Not reported
Penalty Amount:	Not reported
Penalty Paid Date:	Not reported
Penalty Amount Paid:	Not reported
AO Appeal Date:	Not reported
ALJ Decision Date:	Not reported
EPC Decision Date:	Not reported
Attorney Gen Ref Date:	Not reported
Final Court Decision:	Not reported
Case Number:	Not reported
County:	Not reported
Action Required:	Not reported
Compliance Due:	Not reported
In Compliance Date:	Not reported
Removed:	Not reported
Staff Initials:	Not reported

IA Hist Lust ATP:

Seq Number:	Not reported
Last Name:	Not reported
Priority Rank:	Not reported
Type:	Not reported
Reason:	Not reported
ATP Due:	Not reported
ATP Letter:	Not reported
Financial Documents Recvd:	Not reported
Able/Unable To Pay:	Not reported
Final Letter:	Not reported
Project Complete:	Not reported
RP Able to Pay:	Not reported
Project Removed:	Not reported
Staff Initials:	Not reported
Comment:	Not reported

PAYLESS CASHWAYS (Continued) **1000744496**

IA Hist Lust Contract:

Seq Number:	Not reported
Tank City:	Not reported
Staff Initials:	Not reported
Score:	Not reported
Scope Completed:	Not reported
Advertise:	Not reported
Receive Bids:	Not reported
Commission Approval:	Not reported
Contract Approved:	Not reported
Original Contract Amt:	Not reported
Change Orders:	Not reported
Paid to Date:	Not reported
SCR/CADR Received:	Not reported
SCR/CADR Approved:	Not reported
Contract:	Not reported

IA Hist Lust Bedrock Well:

ID:	Not reported
Category:	Not reported
Sample Water Supply:	Not reported
GIS Survey:	Not reported

IA Hist Lust Inst Control:

Inst Control Begin:	Not reported
Inst Control Type:	Not reported

IA Hist Lust Track:

ID:	4485
Site Assesment Start Date:	8/22/88 0:00:00
Free Product Recvry End Date:	Not reported
FP Letter Sent Date:	Not reported
FP Report Frequency:	Not reported
Assesment Report Due:	Not reported
Assesment Report Received:	Not reported
Assesment Report Approved:	Not reported
Achieved Over-Excavation:	Yes
Release Not Verified Date:	Not reported
Ref to Contaminated Site Section:	Not reported
Cleanup Start Date:	11/28/88 0:00:00
Cleanup Complete Date:	12/9/88 0:00:00
Cleanup Report Due Date:	Not reported
Cleanup Report Received Date:	Not reported
Cleanup Report Approved Date:	Not reported
Check Report Due Date:	Not reported
Check Report Received Date:	Not reported
Check Report Rejected Date:	Not reported
Check Report Approved Date:	Not reported
Date Classified:	12/9/88 0:00:00
Risk Classification -NFA:	Yes
Class - Low Risk:	No
Class - High Risk:	No
Lust Current:	No Action Required
Tier 1 Consultant Recommends:	Not reported
T1 Actual GW Ingestion:	No

PAYLESS CASHWAYS (Continued) **1000744496**

T1 Poten GW Ingestion from Protected GW:	No
T1 Poten GW Ingestion from Protected GW:	No
T1 GW Vapor to Enclosed Space:	No
T1 GW to Plastic Water Line:	No
T1 Surface Water:	No
T1 Soil Leaching to GW:	No
T1 Soil Vapor to Enclosed Space:	No
T1 Soil to Plastic Line:	No
Tier 2 Consultant Recommends:	Not reported
T2 Actual GW Ingestion:	Not reported
T2 Poten GW Ingestion from Protected GW:	Not reported
T2 Poten GW Ingestion from Protected GW:	Not reported
T2 GW Vapor to Enclosed Space:	Not reported
T2 GW to Plastic Water Line:	Not reported
T2 SW General Use:	Not reported
T2 SW Designated Use:	Not reported
T2 Soil Leaching to GW:	Not reported
T2 Soil Vapor to Enclosed Space:	Not reported
T2 Soil to Plastic Line:	Not reported
Institutional Control Obtained:	No
NFA Certificate Sent:	Not reported
No Action Required:	**No**
Priority Ranking:	Not reported
Delete:	No

UST:

Registration:	198609652

UST:

Registration:	198609652
Status Description:	Regulated tanks - r/f
Type Description:	Private/Corporate
Tank Id:	29149
Install Date:	6/1/1983
Status Description:	Regulated tanks - r/f
Capacity:	1000
Content Description:	Gasoline

HIST UST:

Tank Number:	001
Tank Status:	**Regulated tanks - r/f**
Tank Type:	Commercial
Tank Capacity:	1000
Currently In Use:	No
Tank Material and Construction:	Other
Tank Material and Construction Other:	UNKNOWN
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported
Site Install Date:	6/1/83 0:00:00
Date Removed:	6/1/88 0:00:00
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported

PAYLESS CASHWAYS (Continued) **1000744496**

No Further Action Date:	1/23/04 0:00:00
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Not reported
TIP Internal Unknown:	Not reported
TIP Internal Other:	UNKNOWN
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	UNKNOWN
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Not reported
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported

PAYLESS CASHWAYS (Continued) **1000744496**

PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

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AJ142 **ARMY POST RENTAL INC** **UST** **U001869674**
WNW **1211 W ARMY POST RD** **HIST UST** **N/A**
> 1 **DES MOINES, IA 50315**
1.347 mi.
7111 ft. **Site 1 of 8 in cluster AJ**

Relative: Higher

UST:
Registration: 198606101

Actual: 949 ft.

UST:
Registration: 198606101
Status Description: Regulated tanks - r/f
Type Description: Private/Corporate

Tank Id: 17730
Install Date: 3/1/1971
Status Description: Regulated tanks - r/f
Capacity: 1000
Content Description: Gasoline

HIST UST:

Tank Number:	001
Tank Status:	**Regulated tanks - r/f**
Tank Type:	Commercial
Tank Capacity:	1000
Currently In Use:	No
Tank Material and Construction:	Steel
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported
Site Install Date:	3/1/71 0:00:00
Date Removed:	9/19/90 0:00:00
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	1/1/00 0:00:00
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No

ARMY POST RENTAL INC (Continued) **U001869674**

Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Not reported
TIP Internal Unknown:	Not reported
TIP Internal Other:	UNKNOWN
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	UNKNOWN
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Yes
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported

ARMY POST RENTAL INC (Continued) **U001869674**

Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

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AJ143 **ARTCRAFT INC-FORMER SITE OF** **RCRA-NonGen** **1000180754**
WNW **2017 S LAWN DR** **FINDS** **IAD052466216**
> 1 **DES MOINES, IA 50315**
1.349 mi.
7120 ft. **Site 2 of 8 in cluster AJ**

Relative:
Higher

Actual:
950 ft.

RCRA-NonGen:

Date form received by agency:	02/07/1994
Facility name:	ARTCRAFT INC-FORMER SITE OF
Facility address:	2017 S LAWN DR DES MOINES, IA 50315
EPA ID:	IAD052466216
Mailing address:	SOUTHLAWN DR DES MOINES, IA 50315
Contact:	Not reported
Contact address:	Not reported Not reported
Contact country:	Not reported
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	07
Land type:	Private
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	ARTCRAFT INC
Owner/operator address:	X X,
Owner/operator country:	Not reported
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	Unknown
Mixed waste (haz. and radioactive):	Unknown
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	Unknown

ARTCRAFT INC-FORMER SITE OF (Continued) **1000180754**

Furnace exemption:	Unknown
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No
Off-site waste receiver:	Verified to be non-commercial

Historical Generators:

Date form received by agency:	08/18/1980
Facility name:	ARTCRAFT INC-FORMER SITE OF
Classification:	Not a generator, verified

Hazardous Waste Summary:

Waste code:	NONE
Waste name:	None
Waste code:	NONE
Waste name:	None
Violation Status:	No violations found

Evaluation Action Summary:

Evaluation date:	02/07/1994
Evaluation:	FOCUSED COMPLIANCE INSPECTION
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	EPA Contractor/Grantee

FINDS:

Registry ID: 110005744070

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

AJ144 **LITHO GRAPHICS INC** **RCRA-CESQG** **1000906838**
WNW **1300 SW ARMY POST RD** **FINDS** **IA0000561910**
> 1 **DES MOINES, IA 50315**
1.360 mi.
7182 ft. **Site 3 of 8 in cluster AJ**

Relative: Higher

Actual: 953 ft.

RCRA-CESQG:

Date form received by agency:	04/11/1995
Facility name:	LITHO GRAPHICS INC
Facility address:	1300 SW ARMY POST RD DES MOINES, IA 50315
EPA ID:	IA0000561910
Mailing address:	ARMY POST RD

LITHO GRAPHICS INC (Continued) **1000906838**

DES MOINES, IA 50315
Contact: Not reported
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 07
Land type: Private
Classification: Conditionally Exempt Small Quantity Generator
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:
Owner/operator name: ROBERT LOSSNER
Owner/operator address: 1008 MEADOW DR
NORWALK, IA 50211
Owner/operator country: Not reported
Owner/operator telephone: (515) 287-0392
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: Unknown
Mixed waste (haz. and radioactive): Unknown
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: Unknown
Furnace exemption: Unknown
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Verified to be non-commercial

Historical Generators:
Date form received by agency: 08/03/1994

LITHO GRAPHICS INC (Continued) **1000906838**

Facility name: LITHO GRAPHICS INC
Classification: Conditionally Exempt Small Quantity Generator

Hazardous Waste Summary:
Waste code: D000
Waste name: Not Defined

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 04/11/1995
Evaluation: COMPLIANCE ASSISTANCE VISIT
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

FINDS:

Registry ID: 110009360486

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

AK145 **DMACC SUCCESS CENTER** **RCRA-NonGen** **1010316662**
NNW **800 SW PORTER** **IAR000506592**
> 1 **DES MOINES, IA 50315**
1.362 mi.
7189 ft. **Site 1 of 3 in cluster AK**

Relative:
Higher

Actual:
930 ft.

RCRA-NonGen:
Date form received by agency: 03/28/2007
Facility name: DMACC SUCCESS CENTER
Facility address: 800 SW PORTER
DES MOINES, IA 50315
EPA ID: IAR000506592
Mailing address: SW PORTER
DES MOINES, IA 50315
Contact: ROD B CLARK
Contact address: SW PORTER
DES MOINES, IA 50315
Contact country: US
Contact telephone: (515) 964-6612

DMACC SUCCESS CENTER (Continued) **1010316662**

Contact email: RBCLARK@DMACC.EDU
EPA Region: 07
Land type: State
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: DES MOINES AREA COMMUNITY COLLEGE
Owner/operator address: S ANKENY BLVD
ANKENY, IA 50023
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: State
Owner/Operator Type: Owner
Owner/Op start date: 03/18/1966
Owner/Op end date: Not reported

Owner/operator name: DES MOINES AREA COMMUNITY COLLEGE
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: State
Owner/Operator Type: Operator
Owner/Op start date: 03/18/1966
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Historical Generators:
Date form received by agency: 06/27/2006
Facility name: DMACC SUCCESS CENTER
Classification: Conditionally Exempt Small Quantity Generator

Hazardous Waste Summary:
Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE

DMACC SUCCESS CENTER (Continued) **1010316662**

FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D002
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 03/28/2007
Evaluation: COMPLIANCE ASSISTANCE VISIT
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA Contractor/Grantee

AK146 **DMACC SUCCESS CENTER** **FINDS** **1010161711**
NNW **800 SW PORTER** **N/A**
> 1 **DES MOINES, IA 50315**
1.362 mi.
7189 ft. **Site 2 of 3 in cluster AK**

Relative: Higher

Actual: 930 ft.

FINDS:

Registry ID: 110030465725

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

AJ147 **GIT-N-GO CONVENIENCE STORE #2A** **FINDS** **1007649392**
WNW **1307 ARMY POST ROAD** **N/A**
> 1 **DES MOINES, IA 50315**
1.367 mi.
7220 ft. **Site 4 of 8 in cluster AJ**

Relative: Higher

Actual: 954 ft.

FINDS:

Registry ID: 110020053546

Environmental Interest/Information System

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

IDNR-EFD (Iowa Department Of Natural Resources - Emission Factor Documentation) provides information about existing emission factors

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AJ148 **GIT-N-GO CONVENIENCE STORE #2** **LUST** **U003168919**
WNW **1307 ARMY POST RD (#2)** **HIST LUST** **N/A**
> 1 **DES MOINES, IA 50315** **UST**
1.367 mi. **HIST UST**
7220 ft. **Site 5 of 8 in cluster AJ**

Relative: Higher

Actual: 954 ft.

LUST:

Registration:	198601922
Leak Number:	7LTU15
Date Reported:	9/14/1990
Date Cleanup Started:	7/20/1995
Date Cleanup Completed:	6/4/1999
Record Description:	No Action Required
Product Description:	Gasoline

Registration:	198601922
Leak Number:	7LTU15
Date Reported:	9/14/1990
Date Cleanup Started:	7/20/1995
Date Cleanup Completed:	6/4/1999
Record Description:	No Action Required
Product Description:	Waste Oil

HIST LUST:

Facility ID:	198601922
Leak Number:	7LTU15
Leak Entry Date:	09/17/90
Spill Number:	Not reported
Occur Date:	Not reported

GIT-N-GO CONVENIENCE STORE #2 (Continued) **U003168919**

Occur Time:	Not reported
Discover Date:	9/13/1990 0:00
Discover Time:	4:30 PM
Facility Addr 2:	Not reported
Facility Phone:	Not reported
Facility Fax1:	Not reported
Facility Fax2:	Not reported
Owner Name:	GIT-N-GO CONVENIENCE STORES INC
Owner Type:	Private/Corporate
Owner Addr:	2716 INDIANOLA AVENUE
Owner City,St,Zip:	DES MOINES, IA 503150000
Owner Phone:	5152888565
Owner Fax:	Not reported
Lead:	State Fund
Coordinator:	ERD
Staff Initials:	WDG
Leak Contact:	MIKE BROWN
Leak Address:	Not reported
Leak City,St,Zip:	0
Leak Phone:	3032912288
Record Name:	HORN
Record Date:	9/14/1990 0:00
Record Location:	Lust
Reporter Name:	BRUCE SCHATTER
Reporter Business:	I C MIDWEST
Reporter Date:	09/14/90
Reporter Addr:	9290 BOND SUITE 102
Rprtr City,St,Zip:	OVERLAND PARK, KS 662140000
Reporter Phone:	9135990160
Responsible Party:	Not reported
RP Company:	Not reported
RP Address:	Not reported
RP City,St,Zip:	0
RP Phone:	0
RP Ext:	Not reported
RP Fax:	Not reported
ER Date:	Not reported
Delete:	No
Ground Water Professional ID:	1519
Ground Water Professional Due Date:	09/30/97
Ground Water Professional Received Date:	08/29/97
Corrective Action Design Report Id:	0
Corrective Action Design Due Date:	Not reported
Corrective Action Design Record Date:	/ /

IA Hist Lust Status:

ID:	1105
Site Leak Number:	7LTU15
Discovered During:	Other
Tanks Removed:	0
Leak Cause:	UNK
Gas:	Yes
Diesel:	Not reported
Oil:	Yes
Kerosene:	Not reported
Released Fuel Oil:	Not reported
Released Hydraulic Oil:	Not reported
Released Other Petroleum:	Not reported

GIT-N-GO CONVENIENCE STORE #2 (Continued) **U003168919**

Released Unknown:	Not reported
Released Non_Petroleum Chemical:	Not reported
Gallons Released:	000000000000
Leak Status:	Unknown
Loc Soil:	Yes
Loc Ground Water:	Yes
Loc Surface Water:	Not reported
Loc Water Supply:	Not reported
Res Public Water Supply:	Not reported
Resources Water Well:	Not reported
Res Actual Drinking WW:	Not reported
Res Non-Drink WW:	Not reported
respotprtg:	Not reported
ressoil:	Not reported
Res Ground Water:	Not reported
Res Surface Water:	Not reported
Res Toxic Vapor:	Not reported
Res Explosive Vapor:	Not reported
Res Other:	Not reported
Res Impacted Soil:	Not reported
Res Impacted Ground Water:	Not reported
Res Impacted Water Well:	Not reported
Res Impacted Pub Water Supply:	Not reported
Res Impacted Surface Water:	Not reported
Res Impacted Toxic Vapor:	Not reported
Res Impacted Explosive Vapor:	Not reported
Res Impacted Other:	Not reported
Res Impacted Drinking WW:	Not reported
Res Impacted Non-Drink WW:	Not reported
Res Impacted Potential Non Drink WW:	Not reported
Officials Onsite Health:	Not reported
Officials Onsite Fire:	Not reported
Officials Onsite Law:	Not reported
Officials Onsite Civil:	Not reported
Officials Onsite None:	Yes
Officials Onsite Unknown:	Not reported
Officials Onsite Other:	Not reported
AST:	Not reported
UST/LUST Other:	Not reported
Delete:	No

IA Hist Lust Cause:

Release Cause:	Unknown

IA Hist Lust Groundwater:

Groundwater Prof. Applicant Id Num.	1519
Groundwater Pro. App. Last Name:	SHETYE
Groundwater Pro. App. First Name:	UMESH
Groundwater Pro. Firm:	MPS ENGINEERS
Groundwater Pro. Address:	4949 WESTOWN #165-126
Groundwater Pro. Address 2:	Not reported
Groundwater Pro. City:	WEST DES MOINES
Groundwater Pro. State:	IA
Groundwater Pro. Zip Code:	-50266
Groundwater Pro. Tele:	5152219832
Groundwater Pro. Fax:	Not reported

GIT-N-GO CONVENIENCE STORE #2 (Continued) **U003168919**

Groundwater Pro. Email: ushetye7@hotmail.com
Groundwater Pro. Exp. Of Gwp Cert.: 12/31/2007 0:00
Is The Gwp Certified?: Yes
Is Gwp Cert. For Cadr?: Yes

IA Hist Lust Misc:

Misc Due Date:	Not reported	Misc Rec Date:	Not reported
Misc Other:	Not reported	Misc Title:	Not reported

IA Hist Lust Site Monitoring Report:

Site Monitoring Report Due Date:	Not reported
Site Monitoring Report Rec Date:	Not reported
Site Monitoring Report Reg Date:	Not reported
Site Monitoring Report Rejected Date:	Not reported
Site Monitoring Report Type:	Not reported
Reclassification Request Type:	Not reported
Site Monitoring Report Revd By:	Not reported
GW professional ID:	Not reported

IA Hist Lust Remediation:

Heat Treatment:	No
Land Application:	No
On Site:	No
Achieved Over-Excavation:	No
Soil Venting Passive:	No
Soil Venting Active:	No
Bioremediation Passive:	No
Bioremediation Active:	No
In Situ GW Treatment - Air Sparging:	No
Ground Water:	No
Fresh Water:	No
IGT - pH Adjustment:	No
Nutrient:	No
Oxygen:	No
Biological:	No
Permit Date:	Not reported
Other:	No
Surface Treatment - Carbon Absorption:	No
Biological:	No
ST Other:	No
TDT Sanitary Sewer:	No
TDT Storm Sewer:	No
Stream:	No
TDT Other:	No
Reduced Risk Plugged Well:	No
RR Replace:	No
RR Relocate:	No
RR Other:	No
Delete:	No

IA Hist Lust Free Product Recovery:

FPR Report Assesment Due:	Not reported
FPR Report Received:	Not reported
FPR Report Accepted:	Not reported
FPR Report Rejected:	Not reported

GIT-N-GO CONVENIENCE STORE #2 (Continued) **U003168919**

FPR Report Revised: Not reported

IA Hist Lust Corrective Action Design Report:
Corrective Action Design Record Date: Not reported
Corrective Action Design Received: Not reported
Corrective Action Design Accepted: Not reported
Corrective Action Design Rejected: Not reported
Revised Report Received: Not reported

IA Hist Lust Tier 1 Report:
T1 Assesment Due: 2/28/98 0:00:00
T1 Received: 5/7/99 0:00:00
Tier 1 Consultant Recommends: Not reported
T1 Accepted: 6/4/99 0:00:00
T1 Rejected: Not reported
T1 Revised: Not reported
T1 Reviewed: Not reported

IA Hist Lust Tier 2 Report:
T2 Assesment Due: Not reported
T2 Received: Not reported
T2 Accepted: Not reported
T2 Rejected: Not reported
T2 Reviewed: Not reported

IA Hist Lust Tier 3 Report:
T3 Assesment Due: Not reported
T3 Received: Not reported
T3 Accepted: Not reported
T3 Rejected: Not reported

IA Hist Lust Administration:
ID: 1105
Owner Identified: Yes
Responsible Party Found: Yes
RP Date: 9/17/90 0:00:00
Owner Broke: No
ER Date: Not reported
Cost Recovery Start Dt: Not reported
CR Notice of Intent Dt: Not reported
CR Appeal of NOI Dt: Not reported
CR Final Decision Dt: Not reported
CR EP Comm Lien Approval Dt: Not reported
CR Lien: Not reported
CR Ten Yr Renewal Dt: Not reported
CR Lien Named: No
crtyrdate: Not reported
CR Remediation: Not reported
Delete: No
CR Amnt Received: Not reported
CR End Date: Not reported

IA Hist Lust 28E:
Counter: Not reported

GIT-N-GO CONVENIENCE STORE #2 (Continued) **U003168919**

Staff Initials:	Not reported
Type:	Not reported
County:	Not reported
Part Of State:	Not reported
Priority Number:	Not reported
Reason:	Not reported
Responsible Party:	Not reported
rfpno:	Not reported
Removed:	Not reported
Date Removed:	Not reported
Field Office:	Not reported
Newlist:	Not reported
State Lead:	Not reported
Access Letter Mailed:	Not reported
Owner Signed Access:	Not reported
Signed Access to Contractor:	Not reported
Contractor Signed Access:	Not reported
Final Access Mailed:	Not reported
nfr:	Not reported
Start Date:	Not reported

IA Hist Lust AO:

Seq Number:	Not reported
Distribution:	Not reported
UST/LUST Other:	Not reported
Order Type:	Not reported
Legal Ref Start:	Not reported
Division ADM Date:	Not reported
CE Bureau Date:	Not reported
AO Issue Date:	Not reported
AO Number:	Not reported
Name Of Parties:	Not reported
Penalty Due Date:	Not reported
Penalty Amount:	Not reported
Penalty Paid Date:	Not reported
Penalty Amount Paid:	Not reported
AO Appeal Date:	Not reported
ALJ Decision Date:	Not reported
EPC Decision Date:	Not reported
Attorney Gen Ref Date:	Not reported
Final Court Decision:	Not reported
Case Number:	Not reported
County:	Not reported
Action Required:	Not reported
Compliance Due:	Not reported
In Compliance Date:	Not reported
Removed:	Not reported
Staff Initials:	Not reported

IA Hist Lust ATP:

Seq Number:	Not reported
Last Name:	Not reported
Priority Rank:	Not reported
Type:	Not reported
Reason:	Not reported
ATP Due:	Not reported

GIT-N-GO CONVENIENCE STORE #2 (Continued) **U003168919**

ATP Letter:	Not reported
Financial Documents Recvd:	Not reported
Able/Unable To Pay:	Not reported
Final Letter:	Not reported
Project Complete:	Not reported
RP Able to Pay:	Not reported
Project Removed:	Not reported
Staff Initials:	Not reported
Comment:	Not reported

IA Hist Lust Contract:

Seq Number:	Not reported
Tank City:	Not reported
Staff Initials:	Not reported
Score:	Not reported
Scope Completed:	Not reported
Advertise:	Not reported
Receive Bids:	Not reported
Commission Approval:	Not reported
Contract Approved:	Not reported
Original Contract Amt:	Not reported
Change Orders:	Not reported
Paid to Date:	Not reported
SCR/CADR Received:	Not reported
SCR/CADR Approved:	Not reported
Contract:	Not reported

IA Hist Lust Bedrock Well:

ID:	Not reported
Category:	Not reported
Sample Water Supply:	Not reported
GIS Survey:	Not reported

IA Hist Lust Inst Control:

Inst Control Begin:	Not reported
Inst Control Type:	Not reported

IA Hist Lust Track:

ID:	1105
Site Assesment Start Date:	9/28/90 0:00:00
Free Product Recvry End Date:	6/4/99 0:00:00
FP Letter Sent Date:	9/20/90 0:00:00
FP Report Frequency:	Not reported
Assesment Report Due:	Not reported
Assesment Report Received:	Not reported
Assesment Report Approved:	Not reported
Achieved Over-Excavation:	Not reported
Release Not Verified Date:	Not reported
Ref to Contaminated Site Section:	Not reported
Cleanup Start Date:	7/20/95 0:00:00
Cleanup Complete Date:	6/4/99 0:00:00
Cleanup Report Due Date:	Not reported
Cleanup Report Received Date:	Not reported
Cleanup Report Approved Date:	Not reported
Check Report Due Date:	Not reported

GIT-N-GO CONVENIENCE STORE #2 (Continued) **U003168919**

Check Report Received Date:	Not reported
Check Report Rejected Date:	Not reported
Check Report Approved Date:	Not reported
Date Classified:	6/4/99 0:00:00
Risk Classification -NFA:	Yes
Class - Low Risk:	No
Class - High Risk:	No
Lust Current:	No Action Required
Tier 1 Consultant Recommends:	NFA
T1 Actual GW Ingestion:	No
T1 Poten GW Ingestion from Protected GW:	No
T1 Poten GW Ingestion from Protected GW:	No
T1 GW Vapor to Enclosed Space:	No
T1 GW to Plastic Water Line:	No
T1 Surface Water:	No
T1 Soil Leaching to GW:	No
T1 Soil Vapor to Enclosed Space:	No
T1 Soil to Plastic Line:	No
Tier 2 Consultant Recommends:	Not reported
T2 Actual GW Ingestion:	Not reported
T2 Poten GW Ingestion from Protected GW:	Not reported
T2 Poten GW Ingestion from Protected GW:	Not reported
T2 GW Vapor to Enclosed Space:	Not reported
T2 GW to Plastic Water Line:	Not reported
T2 SW General Use:	Not reported
T2 SW Designated Use:	Not reported
T2 Soil Leaching to GW:	Not reported
T2 Soil Vapor to Enclosed Space:	Not reported
T2 Soil to Plastic Line:	Not reported
Institutional Control Obtained:	No
NFA Certificate Sent:	9/2/99 0:00:00
No Action Required:	**No**
Priority Ranking:	5
Delete:	No

UST:

Registration:	198601922

UST:

Registration:	198601922
Status Description:	Regulated tanks - active
Type Description:	Private/Corporate
Tank Id:	5199
Install Date:	6/1/1979
Status Description:	Regulated tank - active
Capacity:	10000
Content Description:	Gasoline
Registration:	198601922
Tank Id:	5201
Install Date:	6/1/1979
Status Description:	Regulated tank - active
Capacity:	6000
Content Description:	Gasoline

GIT-N-GO CONVENIENCE STORE #2 (Continued) **U003168919**

Registration:	198601922
Tank Id:	5202
Install Date:	6/1/1979
Status Description:	Regulated tank - active
Capacity:	6000
Content Description:	Gasoline

Registration:	198601922
Tank Id:	5203
Install Date:	12/1/1900
Status Description:	Regulated tanks - r/f
Capacity:	560
Content Description:	Other

Registration:	198601922
Tank Id:	5200
Install Date:	6/1/1979
Status Description:	Regulated tank - active
Capacity:	8000
Content Description:	Gasoline

HIST UST:

Tank Number:	001
Tank Status:	**Regulated tank - active**
Tank Type:	Commercial
Tank Capacity:	10000
Currently In Use:	Yes
Tank Material and Construction:	Steel Int. Lined with Fiberglass
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Yes
Temp Closed Date:	Not reported
Site Install Date:	6/1/79 0:00:00
Date Removed:	Not reported
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Yes
TIP None:	Not reported
TIP Internal Unknown:	Not reported
TIP Internal Other:	01/91
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Yes
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Yes
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported

GIT-N-GO CONVENIENCE STORE #2 (Continued) **U003168919**

TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	IMPRESSED (RECERT:12/29/94)
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Yes
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Yes
LDS Tank Tightness Testing:	Yes
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	VR TLS-350 + W/CSLD
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Not reported
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Yes
PCP Flex Wall:	X
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Yes
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Yes
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Yes
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	RED JACKET ALLD
Spill Protection:	Yes
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Yes
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Yes
Manufacturer Checklist Completed:	Yes
Tanks/Pipes Tested for leaks during/after Install:	Yes
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

Tank Number:	002
Tank Status:	**Regulated tank - active**

GIT-N-GO CONVENIENCE STORE #2 (Continued) **U003168919**

Tank Type:	Commercial
Tank Capacity:	8000
Currently In Use:	Yes
Tank Material and Construction:	Steel Int. Lined with Fiberglass
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Yes
Temp Closed Date:	Not reported
Site Install Date:	6/1/79 0:00:00
Date Removed:	Not reported
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Yes
TIP None:	Not reported
TIP Internal Unknown:	Not reported
TIP Internal Other:	01/91
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Yes
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Yes
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	IMPRESSED (RECERT: 12/29/94)
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Yes
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Yes
LDS Tank Tightness Testing:	Yes
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	VR TLS-350+ W/CSLD
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Not reported
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Yes
PCP Flex Wall:	X
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported

GIT-N-GO CONVENIENCE STORE #2 (Continued) **U003168919**

Type of Piping Pressurized Piping:	Yes
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Yes
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Yes
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	RED JACKET ALLD
Spill Protection:	Yes
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Yes
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Yes
Manufacturer Checklist Completed:	Yes
Tanks/Pipes Tested for leaks during/after Install:	Yes
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

Tank Number:	003
Tank Status:	**Regulated tank - active**
Tank Type:	Commercial
Tank Capacity:	6000
Currently In Use:	Yes
Tank Material and Construction:	Steel Int. Lined with Fiberglass
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Yes
Temp Closed Date:	Not reported
Site Install Date:	6/1/79 0:00:00
Date Removed:	Not reported
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Yes
TIP None:	Not reported
TIP Internal Unknown:	Not reported

GIT-N-GO CONVENIENCE STORE #2 (Continued) **U003168919**

TIP Internal Other:	01/91
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Yes
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Yes
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	IMPRESSED (RECERT: 12/29/94)
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Yes
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Yes
LDS Tank Tightness Testing:	Yes
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	VR TLS-350 + W/CSLD
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Not reported
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Yes
PCP Flex Wall:	X
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Yes
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Yes
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Yes
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	RED JACKET ALLD
Spill Protection:	Yes
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Yes
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported

GIT-N-GO CONVENIENCE STORE #2 (Continued) **U003168919**

Installation Cert. by Professional Engineers:	Yes
Manufacturer Checklist Completed:	Yes
Tanks/Pipes Tested for leaks during/after Install:	Yes
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

Tank Number:	004
Tank Status:	**Regulated tank - active**
Tank Type:	Commercial
Tank Capacity:	6000
Currently In Use:	Yes
Tank Material and Construction:	Steel Int. Lined with Fiberglass
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Yes
Temp Closed Date:	Not reported
Site Install Date:	6/1/79 0:00:00
Date Removed:	Not reported
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Yes
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Yes
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Yes
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	IMPRESSED (RECERT: 12/29/94)
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Yes
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Yes
LDS Tank Tightness Testing:	Yes
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	VR TLS-350+ W/CSLD

GIT-N-GO CONVENIENCE STORE #2 (Continued) **U003168919**

Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Not reported
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Yes
PCP Flex Wall:	X
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Yes
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Yes
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Yes
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	RED JACKET ALLD
Spill Protection:	Yes
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Yes
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Yes
Manufacturer Checklist Completed:	Yes
Tanks/Pipes Tested for leaks during/after Install:	Yes
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

Tank Number:	005
Tank Status:	**Regulated tanks - r/f**
Tank Type:	Commercial
Tank Capacity:	560
Currently In Use:	No
Tank Material and Construction:	Steel
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported
Site Install Date:	12/1/00 0:00:00
Date Removed:	5/19/91 0:00:00
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported

GIT-N-GO CONVENIENCE STORE #2 (Continued) **U003168919**

Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Yes
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Yes
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Yes
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Not reported
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported

GIT-N-GO CONVENIENCE STORE #2 (Continued) **U003168919**

Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

Click this hyperlink while viewing on your computer to access additional IA HIST UST: detail in the EDR Site Report.

AK149 **SPILLS** **S106597535**
NNW **5502 SW 7TH STREET** **N/A**
> 1 **DES MOINES, IA**
1.374 mi.
7254 ft. **Site 3 of 3 in cluster AK**

Relative:
Higher

Actual:
906 ft.

SPILL:

Facility ID:	08277-KL-1339
Reported Date:	8/27/1997
Reported Time:	1:39:00 PM
Taken By:	KATHY LEE
Spill Date:	8/27/1997
Spill Time:	11:30:00 AM
6 hr Letter:	No
Continuous Release:	No
Incident Location:	Not reported
Incident Mode:	Transformer
Incident Type:	Transformer oil/PCB
Incident Medium Land:	Yes
Incident Medium Water:	No
Incident Medium Air:	No
Initial Instructions:	Not reported
Events:	Pole mounted transformer struck by lightening during storm at 10:00 am. Unit contained 10 gallons of oil. Non-PCB unit. Dillavou stated that not much oil could be recovered due to the rain.

AJ150 **WASH HOUSE** **RCRA-NonGen** **1000238204**
WNW **1316 ARMY POST RD** **FINDS** **IAD078089802**
> 1 **DES MOINES, IA 50315**
1.377 mi.
7271 ft. **Site 6 of 8 in cluster AJ**

Relative:
Higher

Actual:
953 ft.

RCRA-NonGen:

Date form received by agency:	09/14/1994
Facility name:	WASH HOUSE
Facility address:	1316 ARMY POST RD DES MOINES, IA 50315

WASH HOUSE (Continued) **1000238204**

EPA ID: IAD078089802
Mailing address: ARMY POST RD
DES MOINES, IA 50315
Contact: GENE HOWE
Contact address: 1316 ARMY POST RD
DES MOINES, IA 50315
Contact country: US
Contact telephone: (515) 285-0424
Contact email: Not reported
EPA Region: 07
Land type: Private
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: GENE HOWE
Owner/operator address: 1316 ARMY POST RD
DES MOINES, IA 50315
Owner/operator country: Not reported
Owner/operator telephone: (515) 285-0424
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): Unknown
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Verified to be non-commercial

Historical Generators:
Date form received by agency: 09/13/1994
Facility name: WASH HOUSE
Classification: Not a generator, verified

Hazardous Waste Summary:
Waste code: NONE
Waste name: None

Waste code: NONE
Waste name: None

WASH HOUSE (Continued) **1000238204**

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 09/13/1994
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA Contractor/Grantee

FINDS:

Registry ID: 110005748012

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

AJ151 **VAN AUTO TECH** **RCRA-NonGen** **1001076473**
WNW **1326 ARMY POST RD** **FINDS** **IAD000805333**
> 1 **DES MOINES, IA 50315** **UST**
1.388 mi. **HIST UST**
7328 ft. **Site 7 of 8 in cluster AJ**

Relative: Higher

Actual: 952 ft.

RCRA-NonGen:
Date form received by agency: 05/04/2004
Facility name: VAN AUTO TECH
Facility address: 1326 ARMY POST RD
DES MOINES, IA 50315
EPA ID: IAD000805333
Mailing address: ARMY POST ROAD
DES MOINES, IA 50315
Contact: PHAM VAN THO
Contact address: Not reported
Not reported
Contact country: US
Contact telephone: (515) 285-5533
Contact email: Not reported
EPA Region: 07
Land type: Private
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:
U.S. importer of hazardous waste: Unknown
Mixed waste (haz. and radioactive): Unknown
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: Unknown
Furnace exemption: Unknown
Used oil fuel burner: No

VAN AUTO TECH (Continued) **1001076473**

Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Historical Generators:
Date form received by agency: 08/24/1994
Facility name: VAN AUTO TECH
Site name: WOODS SERVICE
Classification: Not a generator, verified

Date form received by agency: 08/24/1994
Facility name: VAN AUTO TECH
Site name: WOODS SERVICE
Classification: Conditionally Exempt Small Quantity Generator

Hazardous Waste Summary:
Waste code: UOIL
Waste name: UOIL

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 05/04/2004
Evaluation: COMPLIANCE ASSISTANCE VISIT
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

Evaluation date: 08/24/1994
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA Contractor/Grantee

FINDS:

Registry ID: 110005735491

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

IDNR-EFD (Iowa Department Of Natural Resources - Emission Factor Documentation) provides information about existing emission factors

UST:
Registration: 198811211

VAN AUTO TECH (Continued) **1001076473**

UST:

Registration:	198811211
Status Description:	Regulated tanks - r/f
Type Description:	Private/Corporate
Tank Id:	32221
Install Date:	6/1/1973
Status Description:	Regulated tanks - r/f
Capacity:	6000
Content Description:	Gasoline
Registration:	198811211
Tank Id:	32222
Install Date:	6/1/1973
Status Description:	Regulated tanks - r/f
Capacity:	4000
Content Description:	Gasoline

HIST UST:

Tank Number:	001
Tank Status:	**Regulated tanks - r/f**
Tank Type:	Commercial
Tank Capacity:	6000
Currently In Use:	No
Tank Material and Construction:	Steel
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported
Site Install Date:	6/1/73 0:00:00
Date Removed:	10/22/90 0:00:00
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	1/1/00 0:00:00
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Not reported
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported

VAN AUTO TECH (Continued) **1001076473**

Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Yes
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

Tank Number:	002
Tank Status:	**Regulated tanks - r/f**
Tank Type:	Commercial
Tank Capacity:	4000

VAN AUTO TECH (Continued) **1001076473**

Currently In Use:	No
Tank Material and Construction:	Steel
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported
Site Install Date:	6/1/73 0:00:00
Date Removed:	10/22/90 0:00:00
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	1/1/00 0:00:00
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Not reported
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Yes
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported

VAN AUTO TECH (Continued) **1001076473**

TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

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AJ152 **WOODS SERVICE** **RCRA-NonGen** **1010415348**
WNW **1326 ARMY POST RD** **IAD981498264**
> 1 **DES MOINES, IA 50315**
1.388 mi.
7328 ft. **Site 8 of 8 in cluster AJ**

Relative:
Higher

Actual:
952 ft.

RCRA-NonGen:

Date form received by agency:	01/19/1994
Facility name:	WOODS SERVICE
Facility address:	1326 ARMY POST RD DES MOINES, IA 50315
EPA ID:	IAD981498264
Mailing address:	ARMY POST RD DES MOINES, IA 50315
Contact:	RONALD E WOODS
Contact address:	1326 ARMY POST RD DES MOINES, IA 50315
Contact country:	US
Contact telephone:	(515) 287-3654
Contact email:	Not reported
EPA Region:	07
Land type:	Private
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	RON WOODS
Owner/operator address:	1106 WEST ST

WOODS SERVICE (Continued) **1010415348**

DES MOINES, IA 50315
Owner/operator country: Not reported
Owner/operator telephone: (515) 287-3654
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): Unknown
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Verified to be non-commercial

Historical Generators:
Date form received by agency: 01/19/1994
Facility name: WOODS SERVICE
Classification: Not a generator, verified

Hazardous Waste Summary:
Waste code: NONE
Waste name: None

Waste code: NONE
Waste name: None

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 01/19/1994
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA Contractor/Grantee

AL153 **GIT-N-GO** **LUST** **U003171439**
SSE **702 BEARDSLEY (#20)** **HIST LUST** **N/A**
> 1 **NORWALK, IA 50211** **HIST UST**
1.395 mi.
7365 ft. **Site 1 of 4 in cluster AL**

Relative:
Lower

Actual:
0 ft.

LUST:

Registration:	198609043
Leak Number:	7LTB85
Date Reported:	12/6/1988
Date Cleanup Started:	10/19/1993
Date Cleanup Completed:	Not reported
Record Description:	Low Risk
Product Description:	Gasoline

HIST LUST:

Facility ID:	198609043
Leak Number:	7LTB85
Leak Entry Date:	12/06/88
Spill Number:	Not reported
Occur Date:	Not reported
Occur Time:	Not reported
Discover Date:	12/6/1988 0:00
Discover Time:	9:20 AM
Facility Addr 2:	Not reported
Facility Phone:	Not reported
Facility Fax1:	Not reported
Facility Fax2:	Not reported
Owner Name:	GIT-N-GO CONVENIENCE STORES INC
Owner Type:	Private/Corporate
Owner Addr:	PETE KLINDT
Owner Addr 2:	2716 INDIANOLA AVENUE
Owner City,St,Zip:	DES MOINES, IA 503150000
Owner Phone:	5152888565
Owner Fax:	Not reported
Lead:	State Fund
Coordinator:	ERD
Staff Initials:	ERD
Leak Contact:	ED RASCH
Leak Address:	Not reported
Leak City,St,Zip:	0
Leak Phone:	5152858491
Record Name:	SCHRUNK
Record Date:	12/6/1988 0:00
Record Location:	Lust
Reporter Name:	ED RASCH
Reporter Business:	Not reported
Reporter Date:	12/06/88
Reporter Addr:	BOX 375
Rprtr City,St,Zip:	NORWALK, IA 502110000
Reporter Phone:	5152858491
Responsible Party:	EDWARD RASCH
RP Company:	Not reported
RP Address:	1100 NORTH 2ND STREET
RP City,St,Zip:	CHEROKEE, IA 51210
RP Phone:	0
RP Ext:	Not reported
RP Fax:	Not reported
ER Date:	Not reported

GIT-N-GO (Continued) **U003171439**

Delete:	No
Ground Water Professional ID:	1688
Ground Water Professional Due Date:	08/23/99
Ground Water Professional Received Date:	01/24/89
Corrective Action Design Report Id:	1577
Corrective Action Design Due Date:	Not reported
Corrective Action Design Record Date:	07/20/04

IA Hist Lust Status:

ID:	4198
Site Leak Number:	7LTB85
Discovered During:	Other
Tanks Removed:	0
Leak Cause:	Not reported
Gas:	Yes
Diesel:	Not reported
Oil:	Not reported
Kerosene:	Not reported
Released Fuel Oil:	Not reported
Released Hydraulic Oil:	Not reported
Released Other Petroleum:	Not reported
Released Unknown:	Not reported
Released Non_Petroleum Chemical:	Not reported
Gallons Released:	000000000000
Leak Status:	Continuing
Loc Soil:	Not reported
Loc Ground Water:	Yes
Loc Surface Water:	Not reported
Loc Water Supply:	Not reported
Res Public Water Supply:	Not reported
Resources Water Well:	Not reported
Res Actual Drinking WW:	Not reported
Res Non-Drink WW:	Not reported
respotprtg:	Not reported
ressoil:	Not reported
Res Ground Water:	Not reported
Res Surface Water:	Not reported
Res Toxic Vapor:	Not reported
Res Explosive Vapor:	Not reported
Res Other:	Not reported
Res Impacted Soil:	Not reported
Res Impacted Ground Water:	Not reported
Res Impacted Water Well:	Not reported
Res Impacted Pub Water Supply:	Not reported
Res Impacted Surface Water:	Not reported
Res Impacted Toxic Vapor:	Not reported
Res Impacted Explosive Vapor:	Not reported
Res Impacted Other:	Not reported
Res Impacted Drinking WW:	Not reported
Res Impacted Non-Drink WW:	Not reported
Res Impacted Potential Non Drink WW:	Not reported
Officials Onsite Health:	Not reported
Officials Onsite Fire:	Not reported
Officials Onsite Law:	Not reported
Officials Onsite Civil:	Not reported
Officials Onsite None:	Not reported
Officials Onsite Unknown:	Not reported
Officials Onsite Other:	Not reported

GIT-N-GO (Continued) **U003171439**

AST: Not reported
UST/LUST Other: Not reported
Delete: No

IA Hist Lust Cause:
Release Cause: Not reported

IA Hist Lust Groundwater:
Groundwater Prof. Applicant Id Num.: 1688
Groundwater Pro. App. Last Name: SUN
Groundwater Pro. App. First Name: DONGLIN
Groundwater Pro. Firm: MPS ENGINEERS
Groundwater Pro. Address: 1300 - 50TH STREET, SUITE 107
Groundwater Pro. Address 2: Not reported
Groundwater Pro. City: WEST DES MOINES
Groundwater Pro. State: IA
Groundwater Pro. Zip Code: -50266
Groundwater Pro. Tele: 5152219832
Groundwater Pro. Fax: Not reported
Groundwater Pro. Email: donglin@earthlink.net
Groundwater Pro. Exp. Of Gwp Cert.: 12/31/2001 0:00
Is The Gwp Certified?: No
Is Gwp Cert. For Cadr?: No

IA Hist Lust Misc:

Misc Due Date:	Not reported	Misc Rec Date:	7/20/04 0:00:00
Misc Other:	Not reported	Misc Title:	MTBE WORKSHEET & DISK
Misc Due Date:	11/30/91 0:00:00	Misc Rec Date:	11/7/91 0:00:00
Misc Other:	Not reported	Misc Title:	Not reported

IA Hist Lust Site Monitoring Report:
Site Monitoring Report Due Date: Not reported
Site Monitoring Report Rec Date: Not reported
Site Monitoring Report Reg Date: Not reported
Site Monitoring Report Rejected Date: Not reported
Site Monitoring Report Type: Not reported
Reclassification Request Type: Not reported
Site Monitoring Report Revd By: Not reported
GW professional ID: Not reported

IA Hist Lust Remediation:
Heat Treatment: No
Land Application: No
On Site: No
Achieved Over-Excavation: No
Soil Venting Passive: No
Soil Venting Active: No
Bioremediation Passive: No
Bioremediation Active: No
In Situ GW Treatment - Air Sparging: No
Ground Water: No
Fresh Water: No
IGT - pH Adjustment: No
Nutrient: No

GIT-N-GO (Continued) **U003171439**

Oxygen:	No
Biological:	No
Permit Date:	Not reported
Other:	No
Surface Treatment - Carbon Absorption:	No
Biological:	No
ST Other:	No
TDT Sanitary Sewer:	No
TDT Storm Sewer:	No
Stream:	No
TDT Other:	No
Reduced Risk Plugged Well:	No
RR Replace:	No
RR Relocate:	No
RR Other:	No
Delete:	No

IA Hist Lust Free Product Recovery:

FPR Report Assesment Due:	6/15/00 0:00:00
FPR Report Received:	6/6/00 0:00:00
FPR Report Accepted:	7/7/00 0:00:00
FPR Report Rejected:	Not reported
FPR Report Revised:	Not reported
FPR Report Assesment Due:	Not reported
FPR Report Received:	Not reported
FPR Report Accepted:	Not reported
FPR Report Rejected:	Not reported
FPR Report Revised:	Not reported
FPR Report Assesment Due:	1/15/01 0:00:00
FPR Report Received:	12/22/00 0:00:00
FPR Report Accepted:	1/9/01 0:00:00
FPR Report Rejected:	Not reported
FPR Report Revised:	Not reported
FPR Report Assesment Due:	2/15/01 0:00:00
FPR Report Received:	1/20/04 0:00:00
FPR Report Accepted:	1/22/04 0:00:00
FPR Report Rejected:	Not reported
FPR Report Revised:	Not reported
FPR Report Assesment Due:	1/15/04 0:00:00
FPR Report Received:	1/23/04 0:00:00
FPR Report Accepted:	1/27/04 0:00:00
FPR Report Rejected:	Not reported
FPR Report Revised:	Not reported
FPR Report Assesment Due:	2/15/04 0:00:00
FPR Report Received:	Not reported
FPR Report Accepted:	Not reported
FPR Report Rejected:	Not reported
FPR Report Revised:	Not reported

IA Hist Lust Corrective Action Design Report:

Corrective Action Design Record Date:	6/5/00 0:00:00

GIT-N-GO (Continued) **U003171439**

Corrective Action Design Received:	6/6/00 0:00:00
Corrective Action Design Accepted:	7/12/00 0:00:00
Corrective Action Design Rejected:	Not reported
Revised Report Received:	Not reported

IA Hist Lust Tier 1 Report:

T1 Assesment Due:	Not reported
T1 Received:	Not reported
Tier 1 Consultant Recommends:	Not reported
T1 Accepted:	Not reported
T1 Rejected:	Not reported
T1 Revised:	Not reported
T1 Reviewed:	Not reported

IA Hist Lust Tier 2 Report:

T2 Assesment Due:	6/22/06 0:00:00
T2 Received:	Not reported
T2 Accepted:	Not reported
T2 Rejected:	Not reported
T2 Reviewed:	Not reported
T2 Assesment Due:	4/19/05 0:00:00
T2 Received:	5/27/05 0:00:00
T2 Accepted:	Not reported
T2 Rejected:	3/21/06 0:00:00
T2 Reviewed:	BDJ
T2 Assesment Due:	12/9/00 0:00:00
T2 Received:	9/10/01 0:00:00
T2 Accepted:	Not reported
T2 Rejected:	10/5/01 0:00:00
T2 Reviewed:	ERD
T2 Assesment Due:	1/7/03 0:00:00
T2 Received:	7/20/04 0:00:00
T2 Accepted:	Not reported
T2 Rejected:	1/13/05 0:00:00
T2 Reviewed:	BDJ

IA Hist Lust Tier 3 Report:

T3 Assesment Due:	Not reported
T3 Received:	Not reported
T3 Accepted:	Not reported
T3 Rejected:	Not reported

IA Hist Lust Administration:

ID:	4198
Owner Identified:	No
Responsible Party Found:	No
RP Date:	Not reported
Owner Broke:	No
ER Date:	Not reported
Cost Recovery Start Dt:	Not reported
CR Notice of Intent Dt:	Not reported
CR Appeal of NOI Dt:	Not reported

GIT-N-GO (Continued) **U003171439**

CR Final Decision Dt:	Not reported
CR EP Comm Lien Approval Dt:	Not reported
CR Lien:	Not reported
CR Ten Yr Renewal Dt:	Not reported
CR Lien Named:	No
crtyrdate:	Not reported
CR Remediation:	Not reported
Delete:	No
CR Amnt Received:	Not reported
CR End Date:	Not reported

IA Hist Lust 28E:

Counter:	Not reported
Staff Initials:	Not reported
Type:	Not reported
County:	Not reported
Part Of State:	Not reported
Priority Number:	Not reported
Reason:	Not reported
Responsible Party:	Not reported
rfpno:	Not reported
Removed:	Not reported
Date Removed:	Not reported
Field Office:	Not reported
Newlist:	Not reported
State Lead:	Not reported
Access Letter Mailed:	Not reported
Owner Signed Access:	Not reported
Signed Access to Contractor:	Not reported
Contractor Signed Access:	Not reported
Final Access Mailed:	Not reported
nfr:	Not reported
Start Date:	Not reported

IA Hist Lust AO:

Seq Number:	491
Distribution:	Not reported
UST/LUST Other:	L
Order Type:	TIER 2
Legal Ref Start:	5/13/03 0:00:00
Division ADM Date:	5/14/03 0:00:00
CE Bureau Date:	5/14/03 0:00:00
AO Issue Date:	8/4/03 0:00:00
AO Number:	0308
Name Of Parties:	GIT-N-GO CONVENIENCE STORES, INC.
Penalty Due Date:	10/9/03 0:00:00
Penalty Amount:	$3000.00
Penalty Paid Date:	Not reported
Penalty Amount Paid:	Not reported
AO Appeal Date:	Not reported
ALJ Decision Date:	Not reported
EPC Decision Date:	Not reported
Attorney Gen Ref Date:	Not reported
Final Court Decision:	Not reported
Case Number:	Not reported
County:	Not reported

GIT-N-GO (Continued) **U003171439**

Action Required:	Not reported
Compliance Due:	10/9/03 0:00:00
In Compliance Date:	Not reported
Removed:	No
Staff Initials:	JRH

IA Hist Lust ATP:

Seq Number:	Not reported
Last Name:	Not reported
Priority Rank:	Not reported
Type:	Not reported
Reason:	Not reported
ATP Due:	Not reported
ATP Letter:	Not reported
Financial Documents Recvd:	Not reported
Able/Unable To Pay:	Not reported
Final Letter:	Not reported
Project Complete:	Not reported
RP Able to Pay:	Not reported
Project Removed:	Not reported
Staff Initials:	Not reported
Comment:	Not reported

IA Hist Lust Contract:

Seq Number:	Not reported
Tank City:	Not reported
Staff Initials:	Not reported
Score:	Not reported
Scope Completed:	Not reported
Advertise:	Not reported
Receive Bids:	Not reported
Commission Approval:	Not reported
Contract Approved:	Not reported
Original Contract Amt:	Not reported
Change Orders:	Not reported
Paid to Date:	Not reported
SCR/CADR Received:	Not reported
SCR/CADR Approved:	Not reported
Contract:	Not reported

IA Hist Lust Bedrock Well:

ID:	Not reported
Category:	Not reported
Sample Water Supply:	Not reported
GIS Survey:	Not reported

IA Hist Lust Inst Control:

Inst Control Begin:	Not reported
Inst Control Type:	Not reported

IA Hist Lust Track:

ID:	4198
Site Assesment Start Date:	12/22/88 0:00:00
Free Product Recvry End Date:	Not reported
FP Letter Sent Date:	4/21/00 0:00:00

GIT-N-GO (Continued) **U003171439**

FP Report Frequency:	MONTHLY
Assesment Report Due:	Not reported
Assesment Report Received:	Not reported
Assesment Report Approved:	Not reported
Achieved Over-Excavation:	Not reported
Release Not Verified Date:	Not reported
Ref to Contaminated Site Section:	Not reported
Cleanup Start Date:	10/19/93 0:00:00
Cleanup Complete Date:	Not reported
Cleanup Report Due Date:	5/8/93 0:00:00
Cleanup Report Received Date:	8/27/93 0:00:00
Cleanup Report Approved Date:	10/18/93 0:00:00
Check Report Due Date:	Not reported
Check Report Received Date:	Not reported
Check Report Rejected Date:	Not reported
Check Report Approved Date:	Not reported
Date Classified:	10/18/93 0:00:00
Risk Classification -NFA:	No
Class - Low Risk:	Yes
Class - High Risk:	No
Lust Current:	Low Risk
Tier 1 Consultant Recommends:	Not reported
T1 Actual GW Ingestion:	No
T1 Poten GW Ingestion from Protected GW:	No
T1 Poten GW Ingestion from Protected GW:	No
T1 GW Vapor to Enclosed Space:	No
T1 GW to Plastic Water Line:	No
T1 Surface Water:	No
T1 Soil Leaching to GW:	No
T1 Soil Vapor to Enclosed Space:	No
T1 Soil to Plastic Line:	No
Tier 2 Consultant Recommends:	High Risk
T2 Actual GW Ingestion:	Not reported
T2 Poten GW Ingestion from Protected GW:	Not reported
T2 Poten GW Ingestion from Protected GW:	Not reported
T2 GW Vapor to Enclosed Space:	Not reported
T2 GW to Plastic Water Line:	Not reported
T2 SW General Use:	Not reported
T2 SW Designated Use:	Not reported
T2 Soil Leaching to GW:	Not reported
T2 Soil Vapor to Enclosed Space:	Not reported
T2 Soil to Plastic Line:	Not reported
Institutional Control Obtained:	No
NFA Certificate Sent:	Not reported
No Action Required:	**No**
Priority Ranking:	1
Delete:	No

HIST UST:

Tank Number:	001
Tank Status:	**Regulated tank - active**
Tank Type:	Commercial
Tank Capacity:	12000
Currently In Use:	Yes
Tank Material and Construction:	Steel
Tank Material and Construction Other:	Not reported

GIT-N-GO (Continued) **U003171439**

Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Yes
Temp Closed Date:	Not reported
Site Install Date:	6/1/74 0:00:00
Date Removed:	Not reported
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Yes
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Yes
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Yes
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Yes
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Seneca installed cp
TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	12/17/04 0:00:00
TEP Other:	IMPRESSED (RECERT: 12/30/94)
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Yes
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	VEEDER ROOT TLS 350+
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Not reported
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Yes
PCP Flex Wall:	X
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Yes
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Yes

GIT-N-GO (Continued) **U003171439**

PLD Automatic Line Tightness:	Yes
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	VEEDER ROOT TLS 350+
Spill Protection:	Yes
Catchment Basin Size:	Yes
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Yes
Automatic Shutoff Device:	Yes
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	CATHODE ONLY
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

Tank Number:	002
Tank Status:	**Regulated tank - active**
Tank Type:	Commercial
Tank Capacity:	6000
Currently In Use:	Yes
Tank Material and Construction:	Steel
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Yes
Temp Closed Date:	Not reported
Site Install Date:	6/1/74 0:00:00
Date Removed:	Not reported
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Yes
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Yes
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Yes
TEP Factor Install Cathodic Protection:	Not reported

GIT-N-GO (Continued) **U003171439**

TEP Impressed Current:	Yes
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	SENECA INSTALLED CP
TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	12/17/04 0:00:00
TEP Other:	IMPRESSED (RECERT:12/30/94)
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Yes
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	VEEDER ROOT TLS 350+
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Not reported
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Yes
PCP Flex Wall:	X
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Yes
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Yes
PLD Automatic Line Tightness:	Yes
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	VEEDER ROOT TLS 350+
Spill Protection:	Yes
Catchment Basin Size:	Yes
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Yes
Automatic Shutoff Device:	Yes
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported

GIT-N-GO (Continued) **U003171439**

Installation Cert. by LUST Board Cert. Inspector: Not reported

Tank Number:	003
Tank Status:	**Regulated tank - active**
Tank Type:	Commercial
Tank Capacity:	3000
Currently In Use:	Yes
Tank Material and Construction:	Steel
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Yes
Temp Closed Date:	Not reported
Site Install Date:	6/1/76 0:00:00
Date Removed:	Not reported
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Yes
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Yes
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Yes
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Yes
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	SENECA INSTALLED CP
TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	12/17/04 0:00:00
TEP Other:	IMPRESSED (RECERT: 12/30/94)
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Yes
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	VEEDER ROOT TLS 350+
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Not reported
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported

GIT-N-GO (Continued) **U003171439**

PCP Double Wall:	Yes
PCP Flex Wall:	X
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Yes
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Yes
PLD Automatic Line Tightness:	Yes
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	VEEDER ROOT TLS 350+
Spill Protection:	Yes
Catchment Basin Size:	Yes
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Yes
Automatic Shutoff Device:	Yes
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

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AL154 **GIT-N-GO #20** **UST** **U004134388**
SSE **702 BEARDSLEY** **N/A**
> 1 **NORWALK, IA 50211**
1.395 mi.
7365 ft. **Site 2 of 4 in cluster AL**

Relative:
Lower

UST:
Registration: 198609043

Actual:
0 ft.

UST:

Registration:	198609043
Status Description:	Regulated tanks - active
Type Description:	Private/Corporate
Tank Id:	27381
Install Date:	6/1/1974
Status Description:	Regulated tank - active
Capacity:	6000
Content Description:	Gasoline
Registration:	198609043
Tank Id:	27380
Install Date:	6/1/1974

GIT-N-GO #20 (Continued) **U004134388**

Status Description: Regulated tank - active
Capacity: 12000
Content Description: Gasoline

Registration: 198609043
Tank Id: 27382
Install Date: 6/1/1976
Status Description: Regulated tank - active
Capacity: 3000
Content Description: Gasoline

AL155 **GIT-N-GO** **FINDS** **1011286141**
SSE **702 BEARDSLEY (#20)** **N/A**
> 1 **NORWALK, IA 50211**
1.395 mi.
7365 ft. **Site 3 of 4 in cluster AL**

Relative:
Lower

Actual:
0 ft.

FINDS:

Registry ID: 110036241359

Environmental Interest/Information System
IDNR-EFD (Iowa Department Of Natural Resources - Emission Factor Documentation) provides information about existing emission factors

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AL156 **JAMES OIL CO LLC** **TIER 2** **S109946893**
SSE **701 BEARDSLEY STREET** **N/A**
> 1 **NORWALK, IA 50211**
1.398 mi.
7382 ft. **Site 4 of 4 in cluster AL**

Relative:
Lower

Actual:
0 ft.

TIER 2:
State Id: IA
Report Year: 2009
Fire District: Norwalk Fire Department
Site Map: F
Date Signed: 2010-02-19T14:43:08
Date Modified: 2009-02-25T14:16:12
Site Coord Abbreviation: F
Latitude: 41.496941999999997
Longitude: -93.673979000000003
Dike Or Other Safeguard: F
Mailing Address: Not reported
Mail City: Not reported
Mail State: Not reported
Mail Zip: Not reported
Mail Country: Not reported
Notes: Not reported

Facility:
Record Key: FDIDSIT2B40004524
Facility Record Id: FAIDSIT2A00004524
Id: Not reported
Description: EIN #
Last Modified: 2009-02-25T14:16:12

JAMES OIL CO LLC (Continued) **S109946893**

Record Key: FDIDSIT2B50004524
Facility Record Id: FAIDSIT2A00004524
Id: Not reported
Description: TRIFID
Last Modified: 2009-02-25T14:16:12

Record Key: FDIDSIT2B30004524
Facility Record Id: FAIDSIT2A00004524
Id: 424720
Description: NAICS
Last Modified: 2009-02-25T14:16:12

Record Key: FDIDSIT2B20004524
Facility Record Id: FAIDSIT2A00004524
Id: 056732134
Description: Dun & Bradstreet
Last Modified: 2009-02-25T14:16:12

Record Key: FDIDSIT2B10004524
Facility Record Id: FAIDSIT2A00004524
Id: 5172
Description: SIC
Last Modified: 2009-02-25T14:16:12

Contact:
First Name: Not reported
Last Name: Scott James
Title: Manager
Email: Not reported
Address: Not reported
City: Not reported
Country: Not reported
State: Not reported
Zip Code: Not reported
Type1: Emergency Contact
Type2: Not reported
Type3: Not reported
Type4: Not reported
Contact Id: CTIDSIT2F00013800
Date Modified: 2009-02-25T14:16:12

Telephone: 515-249-4330
Telephone Type: 24 Hr. Phone
Last Modified: 2009-02-25T14:16:12
Record Key: PHIDSIT2H00041397
Contact Id: CTIDSIT2F00013800

Telephone: 515-989-3314
Telephone Type: Phone
Last Modified: 2009-02-25T14:16:12
Record Key: PHIDSIT2H00041396
Contact Id: CTIDSIT2F00013800

Contact:
First Name: Not reported

JAMES OIL CO LLC (Continued) **S109946893**

Last Name:	Brett Thies
Title:	Supervisor
Email:	Not reported
Address:	Not reported
City:	Not reported
Country:	Not reported
State:	Not reported
Zip Code:	Not reported
Type1:	Emergency Contact
Type2:	Not reported
Type3:	Not reported
Type4:	Not reported
Contact Id:	CTIDSIT2F00013801
Date Modified:	2009-02-25T14:16:12
Telephone:	515-249-5167
Telephone Type:	24 Hr. Phone
Last Modified:	2009-02-25T14:16:12
Record Key:	PHIDSIT2H00041400
Contact Id:	CTIDSIT2F00013801
Telephone:	515-961-3573
Telephone Type:	Phone
Last Modified:	2009-02-25T14:16:12
Record Key:	PHIDSIT2H00041399
Contact Id:	CTIDSIT2F00013801

Contact:

First Name:	Not reported
Last Name:	Not reported
Title:	Not reported
Email:	Not reported
Address:	Not reported
City:	Not reported
Country:	Not reported
State:	Not reported
Zip Code:	Not reported
Type1:	Mailing
Type2:	Not reported
Type3:	Not reported
Type4:	Not reported
Contact Id:	CTIDSIT2FM0004524
Date Modified:	2009-02-25T14:16:12
Telephone:	Not reported
Telephone Type:	Emergency
Last Modified:	2009-02-25T14:16:12
Record Key:	PHIDSIT2HM0004524
Contact Id:	CTIDSIT2FM0004524

Contact:

First Name:	Not reported
Last Name:	Scott James
Title:	Not reported

JAMES OIL CO LLC (Continued) **S109946893**

Email:	Not reported
Address:	PO Box 328
City:	Carlisle
Country:	US
State:	IA
Zip Code:	50047
Type1:	Owner / Operator
Type2:	Not reported
Type3:	Not reported
Type4:	Not reported
Contact Id:	CTIDSIT2FO0004524
Date Modified:	2009-02-25T14:16:12
Telephone:	515-989-3314
Telephone Type:	Emergency
Last Modified:	2009-02-25T14:16:12
Record Key:	PHIDSIT2HO0004524
Contact Id:	CTIDSIT2FO0004524

Chemical:

Acute:	F
Ave Amount:	999
Ave Amount Code:	02
Facility Id:	FAIDSIT2A00004524
Chem Inv Record Id:	CVIDSIT2C00024779
Chronic:	F
Cicas:	68476302
EHS Chemical:	F
Last Modified:	2008-06-10T09:39:19
Days On Site:	365
Chemical Name:	DIESEL FUEL #2
Fire:	T
Gas:	F
Liquid:	T
Max Amount:	999999
Max Amount Code:	05
Mixture:	F
Pressure:	F
Pure:	T
Reactive:	F
Solid:	F
Trade Secret:	F

Chemical Loc:

Record Key:	CLIDSIT2D00039704
Chem Inv Record Id:	CVIDSIT2C00024779
Facility Id:	FAIDSIT2A00004524
Type Code:	A
Pressure Code:	1
Temperature Code:	4
Location:	NE CORNER
Amount:	0

AM157 **COTA INDUSTRIES INC-FORMER SITE OF** **RCRA-NonGen** **1000142699**
NNE **5512 SE 14TH ST** **IAD059182253**
> 1 **DES MOINES, IA 50320**
1.402 mi.
7402 ft. **Site 1 of 4 in cluster AM**

Relative:
Higher

Actual:
927 ft.

RCRA-NonGen:

Date form received by agency:	04/26/1993
Facility name:	COTA INDUSTRIES INC-FORMER SITE OF
Facility address:	5512 SE 14TH ST
	DES MOINES, IA 50320
EPA ID:	IAD059182253
Mailing address:	SE 14TH ST
	DES MOINES, IA 50320
Contact:	Not reported
Contact address:	Not reported
	Not reported
Contact country:	Not reported
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	07
Land type:	Private
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	X
Owner/operator address:	X
	X, X X
Owner/operator country:	Not reported
Owner/operator telephone:	X
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	Unknown
Mixed waste (haz. and radioactive):	Unknown
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	Unknown
Furnace exemption:	Unknown
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No
Off-site waste receiver:	Verified to be non-commercial

Hazardous Waste Summary:

Waste code:	NONE
Waste name:	None

COTA INDUSTRIES INC-FORMER SITE OF (Continued) **1000142699**

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 08/23/1990
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

AM158 **SPECIALTY COMPONENTS INC** **RCRA-NonGen** **1000171414**
NNE **5512 SE 14TH** **FINDS** **IAD073483208**
> 1 **DES MOINES, IA 50320**
1.402 mi.
7402 ft. **Site 2 of 4 in cluster AM**

Relative: Higher

Actual: 927 ft.

RCRA-NonGen:
Date form received by agency: 11/19/1980
Facility name: SPECIALTY COMPONENTS INC
Facility address: 5512 SE 14TH
DES MOINES, IA 50320
EPA ID: IAD073483208
Mailing address: SE 14TH
DES MOINES, IA 50320
Contact: Not reported
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 07
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: X
Owner/operator address: X
X, X X
Owner/operator country: Not reported
Owner/operator telephone: X
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: Unknown
Mixed waste (haz. and radioactive): Unknown
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: Unknown
Furnace exemption: Unknown
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No

SPECIALTY COMPONENTS INC (Continued) **1000171414**

Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Verified to be non-commercial

Hazardous Waste Summary:
Waste code: NONE
Waste name: None

Violation Status: No violations found

FINDS:

Registry ID: 110009361902

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

AM159 **COTA DRUM SITE** **CERC-NFRAP** **1001122146**
NNE **5512 SE 14TH ST** **IA0001764943**
> 1 **DES MOINES, IA 50320**
1.402 mi.
7402 ft. **Site 3 of 4 in cluster AM**

Relative:
Higher

Actual:
927 ft.

CERC-NFRAP:
Site ID: 0703069
Federal Facility: Not a Federal Facility
NPL Status: Not on the NPL
Non NPL Status: NFRAP

CERCLIS-NFRAP Site Contact Name(s):
Contact Title: BUDGET COORDINATOR
Contact Name: TERI HANKINS
Contact Tel: (913) 551-7118

Contact Title: Comm Involement Coor
Contact Name: Fritz Hirter
Contact Tel: (913) 551-7130

Contact Title: SITE MANAGER
Contact Name: RON KING
Contact Tel: (913) 551-7568

Contact Title: Site Manager
Contact Name: KEN RAPPLEAN
Contact Tel: (913) 551-7769

Contact Title: REGIONAL ATTORNEY
Contact Name: BOB RICHARDS
Contact Tel: (913) 551-7502

COTA DRUM SITE (Continued) **1001122146**

CERCLIS-NFRAP Assessment History:

Action:	DISCOVERY
Date Started:	Not reported
Date Completed:	08/30/1995
Priority Level:	Not reported
Action:	BU
Date Started:	Not reported
Date Completed:	02/09/1996
Priority Level:	Not reported
Action:	BU
Date Started:	Not reported
Date Completed:	02/09/1996
Priority Level:	Not reported
Action:	6N
Date Started:	Not reported
Date Completed:	03/05/1996
Priority Level:	Not reported
Action:	6N
Date Started:	Not reported
Date Completed:	03/05/1996
Priority Level:	Not reported
Action:	BU
Date Started:	Not reported
Date Completed:	11/09/1996
Priority Level:	Not reported
Action:	BU
Date Started:	Not reported
Date Completed:	11/09/1996
Priority Level:	Not reported
Action:	SITE INSPECTION
Date Started:	02/08/1996
Date Completed:	03/10/1997
Priority Level:	NFRAP: No further Remedial Action planned
Action:	PRELIMINARY ASSESSMENT
Date Started:	02/08/1996
Date Completed:	03/10/1997
Priority Level:	Low priority for further assessment
Action:	6I
Date Started:	Not reported
Date Completed:	03/10/1997
Priority Level:	Not reported
Action:	ARCHIVE SITE
Date Started:	Not reported
Date Completed:	05/09/2001
Priority Level:	Not reported
Action:	7A

COTA DRUM SITE (Continued) **1001122146**

Date Started: Not reported
Date Completed: 05/09/2001
Priority Level: Not reported

AM160 **COTA INDUSTRIES** **ALLSITES** **S109380644**
NNE **5512 SE 14TH STREET** **N/A**
> 1 **DES MOINES, IA 50320**
1.402 mi.
7402 ft. **Site 4 of 4 in cluster AM**

Relative:
Higher

Actual:
927 ft.

ALLSITES:
Site Id Number: 1273
Project Manager: Matthew Culp
Ownership Type: Private
Status: Closed
Origin: IDNR Field Office
Program: EPA Lead
Site Type: Disposal

AN161 **KURTZ FACLTY** **FINDS** **1011285749**
NW **1000 SW PORTER AVE** **N/A**
> 1 **DES MOINES, IA 50315**
1.414 mi.
7467 ft. **Site 1 of 4 in cluster AN**

Relative:
Higher

Actual:
939 ft.

FINDS:

Registry ID: 110036192722

Environmental Interest/Information System
IDNR-EFD (Iowa Department Of Natural Resources - Emission Factor Documentation) provides information about existing emission factors

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AN162 **KURTZ FACILITY** **LUST** **U003171710**
NW **1000 SW PORTER AVE** **HIST LUST** **N/A**
> 1 **DES MOINES, IA 50315** **UST**
1.414 mi. **HIST UST**
7467 ft. **Site 2 of 4 in cluster AN**

Relative:
Higher

Actual:
939 ft.

LUST:
Registration: 198609864
Leak Number: 9LTE62
Date Reported: 2/18/1997
Date Cleanup Started: 6/13/1997
Date Cleanup Completed: 11/4/1998
Record Description: No Action Required
Product Description: Other Petroleum

HIST LUST:
Facility ID: 198609864
Leak Number: 9LTE62
Leak Entry Date: 03/13/97
Spill Number: 02187-KL-1300

KURTZ FACILITY (Continued) **U003171710**

Occur Date:	Not reported
Occur Time:	Not reported
Discover Date:	2/18/1997 0:00
Discover Time:	12:30PM
Facility Addr 2:	Not reported
Facility Phone:	Not reported
Facility Fax1:	Not reported
Facility Fax2:	Not reported
Owner Name:	DES MOINES PUBLIC SCHOOLS
Owner Type:	Private/Corporate
Owner Addr:	1800 GRAND AVENUE
Owner City,St,Zip:	DES MOINES, IA 503070000
Owner Phone:	0002847700
Owner Fax:	Not reported
Lead:	Responsible Party
Coordinator:	ERD
Staff Initials:	Not reported
Leak Contact:	GAYLE FARRELL
Leak Address:	Not reported
Leak City,St,Zip:	0
Leak Phone:	5152427917
Record Name:	GASTINEAU
Record Date:	3/12/1997 0:00
Record Location:	Lust
Reporter Name:	Not reported
Reporter Business:	DES MOINES HAZMAT
Reporter Date:	02/18/97
Reporter Addr:	Not reported
Rprtr City,St,Zip:	0
Reporter Phone:	0
Responsible Party:	Not reported
RP Company:	Not reported
RP Address:	Not reported
RP City,St,Zip:	0
RP Phone:	0
RP Ext:	Not reported
RP Fax:	Not reported
ER Date:	Not reported
Delete:	No
Ground Water Professional ID:	0
Ground Water Professional Due Date:	05/03/97
Ground Water Professional Received Date:	/ /
Corrective Action Design Report Id:	0
Corrective Action Design Due Date:	Not reported
Corrective Action Design Record Date:	/ /

IA Hist Lust Status:

ID:	4541
Site Leak Number:	9LTE62
Discovered During:	Other
Tanks Removed:	00
Leak Cause:	UNK
Gas:	Not reported
Diesel:	Not reported
Oil:	Not reported
Kerosene:	Not reported
Released Fuel Oil:	Not reported
Released Hydraulic Oil:	Not reported

KURTZ FACILITY (Continued) **U003171710**

Released Other Petroleum:	Yes
Released Unknown:	Not reported
Released Non_Petroleum Chemical:	Not reported
Gallons Released:	UNK000000000
Leak Status:	Stopped
Loc Soil:	Not reported
Loc Ground Water:	Not reported
Loc Surface Water:	Yes
Loc Water Supply:	Not reported
Res Public Water Supply:	Not reported
Resources Water Well:	Not reported
Res Actual Drinking WW:	Not reported
Res Non-Drink WW:	Not reported
respotprtg:	Not reported
ressoil:	Not reported
Res Ground Water:	Not reported
Res Surface Water:	Not reported
Res Toxic Vapor:	Not reported
Res Explosive Vapor:	Not reported
Res Other:	Not reported
Res Impacted Soil:	Not reported
Res Impacted Ground Water:	Not reported
Res Impacted Water Well:	Not reported
Res Impacted Pub Water Supply:	Not reported
Res Impacted Surface Water:	Not reported
Res Impacted Toxic Vapor:	Not reported
Res Impacted Explosive Vapor:	Not reported
Res Impacted Other:	Not reported
Res Impacted Drinking WW:	Not reported
Res Impacted Non-Drink WW:	Not reported
Res Impacted Potential Non Drink WW:	Not reported
Officials Onsite Health:	Not reported
Officials Onsite Fire:	Yes
Officials Onsite Law:	Not reported
Officials Onsite Civil:	Not reported
Officials Onsite None:	Not reported
Officials Onsite Unknown:	Not reported
Officials Onsite Other:	Not reported
AST:	Not reported
UST/LUST Other:	Not reported
Delete:	No

IA Hist Lust Cause:

Release Cause:	Unknown

IA Hist Lust Misc:

Misc Due Date:	Not reported	Misc Rec Date:	Not reported
Misc Other:	Not reported	Misc Title:	Not reported

IA Hist Lust Site Monitoring Report:

Site Monitoring Report Due Date:	Not reported
Site Monitoring Report Rec Date:	Not reported
Site Monitoring Report Reg Date:	Not reported
Site Monitoring Report Rejected Date:	Not reported
Site Monitoring Report Type:	Not reported
Reclassification Request Type:	Not reported

KURTZ FACILITY (Continued) **U003171710**

Site Monitoring Report Revd By:	Not reported
GW professional ID:	Not reported

IA Hist Lust Remediation:

Heat Treatment:	No
Land Application:	No
On Site:	No
Achieved Over-Excavation:	No
Soil Venting Passive:	No
Soil Venting Active:	No
Bioremediation Passive:	No
Bioremediation Active:	No
In Situ GW Treatment - Air Sparging:	No
Ground Water:	No
Fresh Water:	No
IGT - pH Adjustment:	No
Nutrient:	No
Oxygen:	No
Biological:	No
Permit Date:	Not reported
Other:	No
Surface Treatment - Carbon Absorption:	No
Biological:	No
ST Other:	No
TDT Sanitary Sewer:	No
TDT Storm Sewer:	No
Stream:	No
TDT Other:	No
Reduced Risk Plugged Well:	No
RR Replace:	No
RR Relocate:	No
RR Other:	No
Delete:	No

IA Hist Lust Free Product Recovery:

FPR Report Assesment Due:	Not reported
FPR Report Received:	Not reported
FPR Report Accepted:	Not reported
FPR Report Rejected:	Not reported
FPR Report Revised:	Not reported

IA Hist Lust Corrective Action Design Report:

Corrective Action Design Record Date:	Not reported
Corrective Action Design Received:	Not reported
Corrective Action Design Accepted:	Not reported
Corrective Action Design Rejected:	Not reported
Revised Report Received:	Not reported

IA Hist Lust Tier 1 Report:

T1 Assesment Due:	Not reported
T1 Received:	Not reported
Tier 1 Consultant Recommends:	Not reported
T1 Accepted:	Not reported
T1 Rejected:	Not reported
T1 Revised:	Not reported

KURTZ FACILITY (Continued) **U003171710**

T1 Reviewed:	Not reported
IA Hist Lust Tier 2 Report:	
T2 Assesment Due:	Not reported
T2 Received:	Not reported
T2 Accepted:	Not reported
T2 Rejected:	Not reported
T2 Reviewed:	Not reported
IA Hist Lust Tier 3 Report:	
T3 Assesment Due:	Not reported
T3 Received:	Not reported
T3 Accepted:	Not reported
T3 Rejected:	Not reported
IA Hist Lust Administration:	
ID:	4541
Owner Identified:	Yes
Responsible Party Found:	Yes
RP Date:	3/13/97 0:00:00
Owner Broke:	No
ER Date:	Not reported
Cost Recovery Start Dt:	Not reported
CR Notice of Intent Dt:	Not reported
CR Appeal of NOI Dt:	Not reported
CR Final Decision Dt:	Not reported
CR EP Comm Lien Approval Dt:	Not reported
CR Lien:	Not reported
CR Ten Yr Renewal Dt:	Not reported
CR Lien Named:	No
crtyrdate:	Not reported
CR Remediation:	Not reported
Delete:	No
CR Amnt Received:	Not reported
CR End Date:	Not reported
IA Hist Lust 28E:	
Counter:	Not reported
Staff Initials:	Not reported
Type:	Not reported
County:	Not reported
Part Of State:	Not reported
Priority Number:	Not reported
Reason:	Not reported
Responsible Party:	Not reported
rfpno:	Not reported
Removed:	Not reported
Date Removed:	Not reported
Field Office:	Not reported
Newlist:	Not reported
State Lead:	Not reported
Access Letter Mailed:	Not reported
Owner Signed Access:	Not reported
Signed Access to Contractor:	Not reported
Contractor Signed Access:	Not reported

KURTZ FACILITY (Continued) **U003171710**

Final Access Mailed:	Not reported
nfr:	Not reported
Start Date:	Not reported

IA Hist Lust AO:

Seq Number:	Not reported
Distribution:	Not reported
UST/LUST Other:	Not reported
Order Type:	Not reported
Legal Ref Start:	Not reported
Division ADM Date:	Not reported
CE Bureau Date:	Not reported
AO Issue Date:	Not reported
AO Number:	Not reported
Name Of Parties:	Not reported
Penalty Due Date:	Not reported
Penalty Amount:	Not reported
Penalty Paid Date:	Not reported
Penalty Amount Paid:	Not reported
AO Appeal Date:	Not reported
ALJ Decision Date:	Not reported
EPC Decision Date:	Not reported
Attorney Gen Ref Date:	Not reported
Final Court Decision:	Not reported
Case Number:	Not reported
County:	Not reported
Action Required:	Not reported
Compliance Due:	Not reported
In Compliance Date:	Not reported
Removed:	Not reported
Staff Initials:	Not reported

IA Hist Lust ATP:

Seq Number:	Not reported
Last Name:	Not reported
Priority Rank:	Not reported
Type:	Not reported
Reason:	Not reported
ATP Due:	Not reported
ATP Letter:	Not reported
Financial Documents Recvd:	Not reported
Able/Unable To Pay:	Not reported
Final Letter:	Not reported
Project Complete:	Not reported
RP Able to Pay:	Not reported
Project Removed:	Not reported
Staff Initials:	Not reported
Comment:	Not reported

IA Hist Lust Contract:

Seq Number:	Not reported
Tank City:	Not reported
Staff Initials:	Not reported
Score:	Not reported
Scope Completed:	Not reported
Advertise:	Not reported

KURTZ FACILITY (Continued) **U003171710**

Receive Bids:	Not reported
Commission Approval:	Not reported
Contract Approved:	Not reported
Original Contract Amt:	Not reported
Change Orders:	Not reported
Paid to Date:	Not reported
SCR/CADR Received:	Not reported
SCR/CADR Approved:	Not reported
Contract:	Not reported

IA Hist Lust Bedrock Well:

ID:	Not reported
Category:	Not reported
Sample Water Supply:	Not reported
GIS Survey:	Not reported

IA Hist Lust Inst Control:

Inst Control Begin:	Not reported
Inst Control Type:	Not reported

IA Hist Lust Track:

ID:	4541
Site Assesment Start Date:	4/1/97 0:00:00
Free Product Recvry End Date:	Not reported
FP Letter Sent Date:	Not reported
FP Report Frequency:	Not reported
Assesment Report Due:	Not reported
Assesment Report Received:	Not reported
Assesment Report Approved:	Not reported
Achieved Over-Excavation:	Not reported
Release Not Verified Date:	Not reported
Ref to Contaminated Site Section:	Not reported
Cleanup Start Date:	6/13/97 0:00:00
Cleanup Complete Date:	11/4/98 0:00:00
Cleanup Report Due Date:	Not reported
Cleanup Report Received Date:	Not reported
Cleanup Report Approved Date:	Not reported
Check Report Due Date:	Not reported
Check Report Received Date:	Not reported
Check Report Rejected Date:	Not reported
Check Report Approved Date:	Not reported
Date Classified:	11/4/98 0:00:00
Risk Classification -NFA:	Yes
Class - Low Risk:	No
Class - High Risk:	No
Lust Current:	No Action Required
Tier 1 Consultant Recommends:	Not reported
T1 Actual GW Ingestion:	No
T1 Poten GW Ingestion from Protected GW:	No
T1 Poten GW Ingestion from Protected GW:	No
T1 GW Vapor to Enclosed Space:	No
T1 GW to Plastic Water Line:	No
T1 Surface Water:	No
T1 Soil Leaching to GW:	No
T1 Soil Vapor to Enclosed Space:	No
T1 Soil to Plastic Line:	No

KURTZ FACILITY (Continued) **U003171710**

Tier 2 Consultant Recommends:	Not reported
T2 Actual GW Ingestion:	Not reported
T2 Poten GW Ingestion from Protected GW:	Not reported
T2 Poten GW Ingestion from Protected GW:	Not reported
T2 GW Vapor to Enclosed Space:	Not reported
T2 GW to Plastic Water Line:	Not reported
T2 SW General Use:	Not reported
T2 SW Designated Use:	Not reported
T2 Soil Leaching to GW:	Not reported
T2 Soil Vapor to Enclosed Space:	Not reported
T2 Soil to Plastic Line:	Not reported
Institutional Control Obtained:	No
NFA Certificate Sent:	Not reported
No Action Required:	**No**
Priority Ranking:	5
Delete:	No

UST:

Registration:	198609864

UST:

Registration:	198609864
Status Description:	Non-regulated heating oil tanks - r/f
Type Description:	Private/Corporate
Tank Id:	29587
Install Date:	12/1/1958
Status Description:	Non-regulated heating oil tank - r/f
Capacity:	10000
Content Description:	Other

HIST UST:

Tank Number:	001
Tank Status:	**Non-regulated heating oil tank - r/f**
Tank Type:	Not reported
Tank Capacity:	10000
Currently In Use:	No
Tank Material and Construction:	Steel Int. Lined with Fiberglass
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported
Site Install Date:	12/1/58 0:00:00
Date Removed:	2/18/97 0:00:00
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Yes

KURTZ FACILITY (Continued) **U003171710**

TIP None:	Not reported
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Yes
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported

KURTZ FACILITY (Continued) **U003171710**

High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

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AN163 **GRANGER/MITCHELL ELEMENTARY AT KURTZ** **FINDS** **1011475855**
NW **1000 PORTER AVE** **N/A**
> 1 **DES MOINES, IA 50315**
1.414 mi.
7467 ft. **Site 3 of 4 in cluster AN**

Relative:
Higher

Actual:
939 ft.

FINDS:

Registry ID: 110036808924

Environmental Interest/Information System
NCES (National Center for Education Statistics) is the primary federal entity for collecting and analyzing data related to education in the United States and other nations and the institute of education sciences.

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164 **MORRIS ELEMENTARY SCHOOL** **FINDS** **1011304304**
WNW **1401 GEIL AVENUE** **N/A**
> 1 **DES MOINES, IA 50315**
1.417 mi.
7482 ft.

Relative:
Higher

Actual:
942 ft.

FINDS:

Registry ID: 110036781015

Environmental Interest/Information System
NCES (National Center for Education Statistics) is the primary federal entity for collecting and analyzing data related to education in the United States and other nations and the institute of education sciences.

AN165 **ORCHARD PLACE** **RCRA-NonGen** **1004689753**
NW **925 SW PORTER** **FINDS** **IAD073479248**
> 1 **DES MOINES, IA 50315**
1.431 mi.
7556 ft. **Site 4 of 4 in cluster AN**

Relative:
Higher

Actual:
942 ft.

RCRA-NonGen:

Date form received by agency:	01/17/1994
Facility name:	ORCHARD PLACE
Facility address:	925 SW PORTER DES MOINES, IA 50315
EPA ID:	IAD073479248

ORCHARD PLACE (Continued) **1004689753**

Mailing address: SW PORTER
DES MOINES, IA 50315
Contact: LEONA FARRIS
Contact address: 925 SW PORTER
DES MOINES, IA 50315
Contact country: US
Contact telephone: (515) 285-6781
Contact email: Not reported
EPA Region: 07
Land type: Private
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: ORCHARD PLACE CORP
Owner/operator address: 925 SW PORTER AVE
DES MOINES, IA 50315
Owner/operator country: Not reported
Owner/operator telephone: (515) 285-6781
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): Unknown
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Verified to be non-commercial

Historical Generators:
Date form received by agency: 01/17/1994
Facility name: ORCHARD PLACE
Classification: Not a generator, verified

Hazardous Waste Summary:
Waste code: NONE
Waste name: None

Waste code: NONE
Waste name: None

Violation Status: No violations found

ORCHARD PLACE (Continued) **1004689753**

Evaluation Action Summary:
Evaluation date: 01/17/1994
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA Contractor/Grantee

FINDS:

Registry ID: 110005746862

Environmental Interest/Information System

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

NCES (National Center for Education Statistics) is the primary federal entity for collecting and analyzing data related to education in the United States and other nations and the institute of education sciences.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

AO166 **WATROUS ELEMENTARY SCHOOL** **UST** **U001729032**
WNW **6430 SW 14TH ST** **HIST UST** **N/A**
> 1 **DES MOINES, IA 50315**
1.460 mi.
7708 ft. **Site 1 of 10 in cluster AO**

Relative: Higher

UST:
Registration: 198609831

Actual: 954 ft.

UST:
Registration: 198609831
Status Description: Non-regulated heating oil tanks - r/f
Type Description: Private/Corporate

Tank Id: 29552
Install Date: 12/1/1954
Status Description: Non-regulated heating oil tank - r/f
Capacity: 8500
Content Description: Other

WATROUS ELEMENTARY SCHOOL (Continued) **U001729032**

HIST UST:

Tank Number:	001
Tank Status:	**Non-regulated heating oil tank - r/f**
Tank Type:	Not reported
Tank Capacity:	8500
Currently In Use:	No
Tank Material and Construction:	Steel Int. Lined with Fiberglass
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported
Site Install Date:	12/1/54 0:00:00
Date Removed:	1/1/94 0:00:00
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Yes
TIP None:	Not reported
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Yes
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported

WATROUS ELEMENTARY SCHOOL (Continued) **U001729032**

PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

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AO167 **WATROUS ELEMENTARY SCH** **FINDS** **1011274464**
WNW **6430 SW 14TH ST** **N/A**
> 1 **DES MOINES, IA 50315**
1.460 mi.
7708 ft. **Site 2 of 10 in cluster AO**

Relative:
Higher

Actual:
954 ft.

FINDS:

Registry ID: 110036321441

Environmental Interest/Information System
IDNR-EFD (Iowa Department Of Natural Resources - Emission Factor Documentation) provides information about existing emission factors

AO168 **SOUTHRIDGE TIRE/AUTO CENTER INC** **RCRA-CESQG** **1004689935**
WNW **6409 SE 14TH ST** **FINDS** **IAD107365983**
> 1 **DES MOINES, IA 50315**
1.464 mi.
7732 ft. **Site 3 of 10 in cluster AO**

Relative:
Higher

Actual:
954 ft.

RCRA-CESQG:

Date form received by agency:	01/10/1994
Facility name:	SOUTHRIDGE TIRE/AUTO CENTER INC
Facility address:	6409 SE 14TH ST DES MOINES, IA 50315
EPA ID:	IAD107365983
Mailing address:	SE 14TH ST DES MOINES, IA 50315
Contact:	PAUL SMITH
Contact address:	6409 SE 14TH ST DES MOINES, IA 50315
Contact country:	US
Contact telephone:	(515) 287-7753
Contact email:	Not reported
EPA Region:	07
Land type:	Private
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name:	SOUTHRIDGE AUTO/TIRE INC
Owner/operator address:	X X, IA X
Owner/operator country:	Not reported
Owner/operator telephone:	X
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	Unknown
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No

SOUTHRIDGE TIRE/AUTO CENTER INC (Continued) **1004689935**

Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Verified to be non-commercial

Historical Generators:
Date form received by agency: 01/06/1994
Facility name: SOUTHRIDGE TIRE/AUTO CENTER INC
Classification: Conditionally Exempt Small Quantity Generator

Hazardous Waste Summary:
Waste code: D000
Waste name: Not Defined

Waste code: UOIL
Waste name: UOIL

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D018
Waste name: BENZENE

Waste code: D039
Waste name: TETRACHLOROETHYLENE

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 01/06/1994
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA Contractor/Grantee

FINDS:

Registry ID: 110005750632

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

AO169 **KRAFT 5-STAR MUFFLER** **FINDS** **1007736777**
WNW **1400 ARMY POST ROAD** **N/A**
> 1 **DES MOINES, IA 50315**
1.472 mi.
7775 ft. **Site 4 of 10 in cluster AO**

Relative:
Higher

Actual:
954 ft.

FINDS:

Registry ID: 110018943090

Environmental Interest/Information System

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

AO170 **SMITH'S TENDERLOINS (FORMER SERVICE STATION)** **LUST** **S106058948**
WNW **1401 ARMY POST ROAD** **HIST LUST** **N/A**
> 1 **DES MOINES, IA 50315**
1.473 mi.
7779 ft. **Site 5 of 10 in cluster AO**

Relative:
Higher

Actual:
954 ft.

LUST:

Registration:	197910269
Leak Number:	9LTD45
Date Reported:	3/5/1996
Date Cleanup Started:	8/21/2007
Date Cleanup Completed:	8/21/2007
Record Description:	No Action Required
Product Description:	Unknown

HIST LUST:

Facility ID:	197910269
Leak Number:	9LTD45
Leak Entry Date:	04/19/96
Spill Number:	Not reported

SMITH'S TENDERLOINS (FORMER SERVICE STATION) (Continued) **S106058948**

Occur Date:	Not reported
Occur Time:	Not reported
Discover Date:	Not reported
Discover Time:	Not reported
Facility Addr 2:	Not reported
Facility Phone:	Not reported
Facility Fax1:	Not reported
Facility Fax2:	Not reported
Owner Name:	GREGORY SMITH
Owner Type:	Private/Corporate
Owner Addr:	1401 ARMY POST RD
Owner City,St,Zip:	DES MOINES, IA 503150000
Owner Phone:	5152874742
Owner Fax:	Not reported
Lead:	Responsible Party
Coordinator:	ERD
Staff Initials:	KKL
Leak Contact:	ROBIN BOYD
Leak Address:	CHEVRON PRODUCTS COMPANY
Leak Address 2:	2300 WINDY RIDGE PKWY STE 800
Leak City,St,Zip:	ATLANTA, GA 30339
Leak Phone:	5152874742
Record Name:	GASTINEAU
Record Date:	3/11/1996 0:00
Record Location:	Lust
Reporter Name:	JAN SHERWOOD
Reporter Business:	ATC ENVIRONMENTAL
Reporter Date:	03/05/96
Reporter Addr:	2625 N LOOP DR
Rprtr City,St,Zip:	AMES, IA 500100000
Reporter Phone:	5152332902
Responsible Party:	MS. GESELE M HARRIS
RP Company:	CHEVRON ENV MGMT CO
RP Address:	PO BOX 1706
RP City,St,Zip:	ATLANTA, GA 303011706
RP Phone:	7709843000
RP Ext:	Not reported
RP Fax:	Not reported
ER Date:	Not reported
Delete:	No
Ground Water Professional ID:	1539
Ground Water Professional Due Date:	09/15/01
Ground Water Professional Received Date:	09/07/01
Corrective Action Design Report Id:	0
Corrective Action Design Due Date:	Not reported
Corrective Action Design Record Date:	/ /

IA Hist Lust Status:

ID:	318
Site Leak Number:	9LTD45
Discovered During:	Other
Tanks Removed:	00
Leak Cause:	UNK
Gas:	Not reported
Diesel:	Not reported
Oil:	Not reported
Kerosene:	Not reported
Released Fuel Oil:	Not reported

SMITH'S TENDERLOINS (FORMER SERVICE STATION) (Continued) **S106058948**

Released Hydraulic Oil:	Not reported
Released Other Petroleum:	Not reported
Released Unknown:	Yes
Released Non_Petroleum Chemical:	Not reported
Gallons Released:	UNK000000000
Leak Status:	Unknown
Loc Soil:	Yes
Loc Ground Water:	Yes
Loc Surface Water:	Not reported
Loc Water Supply:	Not reported
Res Public Water Supply:	Not reported
Resources Water Well:	Not reported
Res Actual Drinking WW:	Not reported
Res Non-Drink WW:	Not reported
respotprtg:	Not reported
ressoil:	Not reported
Res Ground Water:	Not reported
Res Surface Water:	Not reported
Res Toxic Vapor:	Not reported
Res Explosive Vapor:	Not reported
Res Other:	Not reported
Res Impacted Soil:	Not reported
Res Impacted Ground Water:	Not reported
Res Impacted Water Well:	Not reported
Res Impacted Pub Water Supply:	Not reported
Res Impacted Surface Water:	Not reported
Res Impacted Toxic Vapor:	Not reported
Res Impacted Explosive Vapor:	Not reported
Res Impacted Other:	Not reported
Res Impacted Drinking WW:	Not reported
Res Impacted Non-Drink WW:	Not reported
Res Impacted Potential Non Drink WW:	Not reported
Officials Onsite Health:	Not reported
Officials Onsite Fire:	Not reported
Officials Onsite Law:	Not reported
Officials Onsite Civil:	Not reported
Officials Onsite None:	Not reported
Officials Onsite Unknown:	Yes
Officials Onsite Other:	Not reported
AST:	Not reported
UST/LUST Other:	Not reported
Delete:	No

IA Hist Lust Cause:
Release Cause: Unknown

IA Hist Lust Groundwater:

Groundwater Prof. Applicant Id Num.:	1539
Groundwater Pro. App. Last Name:	MCCUNE
Groundwater Pro. App. First Name:	WILLIAM T.
Groundwater Pro. Firm:	BLASLAND, BOUCK & LEE, INC
Groundwater Pro. Address:	6723 TOWPATH ROAD, BOX 66
Groundwater Pro. Address 2:	Not reported
Groundwater Pro. City:	SYRACUSE
Groundwater Pro. State:	NY
Groundwater Pro. Zip Code:	13214

SMITH'S TENDERLOINS (FORMER SERVICE STATION) (Continued) **S106058948**

Groundwater Pro. Tele: 3154469172
Groundwater Pro. Fax: Not reported
Groundwater Pro. Email: wtm@bbl-inc.com
Groundwater Pro. Exp. Of Gwp Cert.: 12/31/2007 0:00
Is The Gwp Certified?: Yes
Is Gwp Cert. For Cadr?: Yes

IA Hist Lust Misc:
Misc Due Date: 11/5/96 0:00:00
Misc Rec Date: Not reported
Misc Other: Not reported
Misc Title: Not reported

IA Hist Lust Site Monitoring Report:
Site Monitoring Report Due Date: Not reported
Site Monitoring Report Rec Date: Not reported
Site Monitoring Report Reg Date: Not reported
Site Monitoring Report Rejected Date: Not reported
Site Monitoring Report Type: Not reported
Reclassification Request Type: Not reported
Site Monitoring Report Revd By: Not reported
GW professional ID: Not reported

IA Hist Lust Remediation:
Heat Treatment: No
Land Application: No
On Site: No
Achieved Over-Excavation: No
Soil Venting Passive: No
Soil Venting Active: No
Bioremediation Passive: No
Bioremediation Active: No
In Situ GW Treatment - Air Sparging: No
Ground Water: No
Fresh Water: No
IGT - pH Adjustment: No
Nutrient: No
Oxygen: No
Biological: No
Permit Date: Not reported
Other: No
Surface Treatment - Carbon Absorption: No
Biological: No
ST Other: No
TDT Sanitary Sewer: No
TDT Storm Sewer: No
Stream: No
TDT Other: No
Reduced Risk Plugged Well: No
RR Replace: No
RR Relocate: No
RR Other: No
Delete: No

IA Hist Lust Free Product Recovery:
FPR Report Assesment Due: Not reported
FPR Report Received: Not reported

SMITH'S TENDERLOINS (FORMER SERVICE STATION) (Continued) **S106058948**

FPR Report Accepted: Not reported
FPR Report Rejected: Not reported
FPR Report Revised: Not reported

IA Hist Lust Corrective Action Design Report:
Corrective Action Design Record Date: Not reported
Corrective Action Design Received: Not reported
Corrective Action Design Accepted: Not reported
Corrective Action Design Rejected: Not reported
Revised Report Received: Not reported

IA Hist Lust Tier 1 Report:
T1 Assesment Due: 3/1/02 0:00:00
T1 Received: 3/26/02 0:00:00
Tier 1 Consultant Recommends: Not reported
T1 Accepted: Not reported
T1 Rejected: 3/26/02 0:00:00
T1 Revised: Not reported
T1 Reviewed: JPP

T1 Assesment Due: 7/15/02 0:00:00
T1 Received: 8/12/02 0:00:00
Tier 1 Consultant Recommends: Not reported
T1 Accepted: Not reported
T1 Rejected: 9/3/02 0:00:00
T1 Revised: Not reported
T1 Reviewed: JPP

T1 Assesment Due: 6/19/03 0:00:00
T1 Received: 6/16/03 0:00:00
Tier 1 Consultant Recommends: Not reported
T1 Accepted: Not reported
T1 Rejected: 12/8/03 0:00:00
T1 Revised: Not reported
T1 Reviewed: JPP

T1 Assesment Due: 6/30/04 0:00:00
T1 Received: 8/13/04 0:00:00
Tier 1 Consultant Recommends: Not reported
T1 Accepted: Not reported
T1 Rejected: 10/28/04 0:00:00
T1 Revised: Not reported
T1 Reviewed: KKL

T1 Assesment Due: Not reported
T1 Received: 8/5/05 0:00:00
Tier 1 Consultant Recommends: Not reported
T1 Accepted: Not reported
T1 Rejected: 1/31/06 0:00:00
T1 Revised: Not reported
T1 Reviewed: KKL

IA Hist Lust Tier 2 Report:
T2 Assesment Due: 3/27/06 0:00:00
T2 Received: 4/12/06 0:00:00
T2 Accepted: Not reported

SMITH'S TENDERLOINS (FORMER SERVICE STATION) (Continued) **S106058948**

T2 Rejected:	Not reported
T2 Reviewed:	Not reported
T2 Assesment Due:	1/31/05 0:00:00
T2 Received:	8/5/05 0:00:00
T2 Accepted:	Not reported
T2 Rejected:	1/31/06 0:00:00
T2 Reviewed:	KKL

IA Hist Lust Tier 3 Report:

T3 Assesment Due:	Not reported
T3 Received:	Not reported
T3 Accepted:	Not reported
T3 Rejected:	Not reported

IA Hist Lust Administration:

ID:	318
Owner Identified:	Yes
Responsible Party Found:	Yes
RP Date:	4/19/96 0:00:00
Owner Broke:	No
ER Date:	Not reported
Cost Recovery Start Dt:	Not reported
CR Notice of Intent Dt:	Not reported
CR Appeal of NOI Dt:	Not reported
CR Final Decision Dt:	Not reported
CR EP Comm Lien Approval Dt:	Not reported
CR Lien:	Not reported
CR Ten Yr Renewal Dt:	Not reported
CR Lien Named:	No
crtyrdate:	Not reported
CR Remediation:	Not reported
Delete:	No
CR Amnt Received:	Not reported
CR End Date:	Not reported

IA Hist Lust 28E:

Counter:	905
Staff Initials:	Not reported
Type:	Not reported
County:	Not reported
Part Of State:	Not reported
Priority Number:	Not reported
Reason:	Not reported
Responsible Party:	Not reported
rfpno:	Not reported
Removed:	No
Date Removed:	Not reported
Field Office:	0.00
Newlist:	0
State Lead:	Not reported
Access Letter Mailed:	Not reported
Owner Signed Access:	Not reported
Signed Access to Contractor:	Not reported
Contractor Signed Access:	Not reported
Final Access Mailed:	Not reported

SMITH'S TENDERLOINS (FORMER SERVICE STATION) (Continued) **S106058948**

nfr: Not reported
Start Date: Not reported

IA Hist Lust AO:
Seq Number: Not reported
Distribution: Not reported
UST/LUST Other: Not reported
Order Type: Not reported
Legal Ref Start: Not reported
Division ADM Date: Not reported
CE Bureau Date: Not reported
AO Issue Date: Not reported
AO Number: Not reported
Name Of Parties: Not reported
Penalty Due Date: Not reported
Penalty Amount: Not reported
Penalty Paid Date: Not reported
Penalty Amount Paid: Not reported
AO Appeal Date: Not reported
ALJ Decision Date: Not reported
EPC Decision Date: Not reported
Attorney Gen Ref Date: Not reported
Final Court Decision: Not reported
Case Number: Not reported
County: Not reported
Action Required: Not reported
Compliance Due: Not reported
In Compliance Date: Not reported
Removed: Not reported
Staff Initials: Not reported

IA Hist Lust ATP:
Seq Number: Not reported
Last Name: Not reported
Priority Rank: Not reported
Type: Not reported
Reason: Not reported
ATP Due: Not reported
ATP Letter: Not reported
Financial Documents Recvd: Not reported
Able/Unable To Pay: Not reported
Final Letter: Not reported
Project Complete: Not reported
RP Able to Pay: Not reported
Project Removed: Not reported
Staff Initials: Not reported
Comment: Not reported

IA Hist Lust Contract:
Seq Number: Not reported
Tank City: Not reported
Staff Initials: Not reported
Score: Not reported
Scope Completed: Not reported
Advertise: Not reported
Receive Bids: Not reported

SMITH'S TENDERLOINS (FORMER SERVICE STATION) (Continued) **S106058948**

Commission Approval:	Not reported
Contract Approved:	Not reported
Original Contract Amt:	Not reported
Change Orders:	Not reported
Paid to Date:	Not reported
SCR/CADR Received:	Not reported
SCR/CADR Approved:	Not reported
Contract:	Not reported

IA Hist Lust Bedrock Well:

ID:	Not reported
Category:	Not reported
Sample Water Supply:	Not reported
GIS Survey:	Not reported

IA Hist Lust Inst Control:

Inst Control Begin:	Not reported
Inst Control Type:	Not reported

IA Hist Lust Track:

ID:	318
Site Assesment Start Date:	Not reported
Free Product Recvry End Date:	Not reported
FP Letter Sent Date:	Not reported
FP Report Frequency:	Not reported
Assesment Report Due:	Not reported
Assesment Report Received:	Not reported
Assesment Report Approved:	Not reported
Achieved Over-Excavation:	Not reported
Release Not Verified Date:	Not reported
Ref to Contaminated Site Section:	Not reported
Cleanup Start Date:	Not reported
Cleanup Complete Date:	Not reported
Cleanup Report Due Date:	Not reported
Cleanup Report Received Date:	Not reported
Cleanup Report Approved Date:	Not reported
Check Report Due Date:	Not reported
Check Report Received Date:	Not reported
Check Report Rejected Date:	Not reported
Check Report Approved Date:	Not reported
Date Classified:	Not reported
Risk Classification -NFA:	No
Class - Low Risk:	No
Class - High Risk:	No
Lust Current:	Not Classified
Tier 1 Consultant Recommends:	Tier 2
T1 Actual GW Ingestion:	No
T1 Poten GW Ingestion from Protected GW:	No
T1 Poten GW Ingestion from Protected GW:	No
T1 GW Vapor to Enclosed Space:	No
T1 GW to Plastic Water Line:	No
T1 Surface Water:	No
T1 Soil Leaching to GW:	No
T1 Soil Vapor to Enclosed Space:	Yes
T1 Soil to Plastic Line:	No
Tier 2 Consultant Recommends:	NFA

SMITH'S TENDERLOINS (FORMER SERVICE STATION) (Continued) **S106058948**

T2 Actual GW Ingestion:	Not reported
T2 Poten GW Ingestion from Protected GW:	Not reported
T2 Poten GW Ingestion from Protected GW:	Not reported
T2 GW Vapor to Enclosed Space:	Not reported
T2 GW to Plastic Water Line:	Not reported
T2 SW General Use:	Not reported
T2 SW Designated Use:	Not reported
T2 Soil Leaching to GW:	Not reported
T2 Soil Vapor to Enclosed Space:	Not reported
T2 Soil to Plastic Line:	Not reported
Institutional Control Obtained:	No
NFA Certificate Sent:	Not reported
No Action Required:	**No**
Priority Ranking:	5
Delete:	No

AO171 **SMITHS TENDERLOINS FORMER SVC STA** **FINDS** **1011296685**
WNW **1401 ARMY POST ROAD** **N/A**
> 1 **DES MOINES, IA 50315**
1.473 mi.
7779 ft. **Site 6 of 10 in cluster AO**

Relative:
Higher

FINDS:

Registry ID: 110036368070

Actual:
954 ft.

Environmental Interest/Information System
IDNR-EFD (Iowa Department Of Natural Resources - Emission Factor Documentation) provides information about existing emission factors

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AO172 **GIT-N-GO** **FINDS** **1011283727**
WNW **1414 ARMY POST RD** **N/A**
> 1 **DES MOINES, IA 50315**
1.481 mi.
7819 ft. **Site 7 of 10 in cluster AO**

Relative:
Higher

FINDS:

Registry ID: 110036158154

Actual:
954 ft.

Environmental Interest/Information System
IDNR-EFD (Iowa Department Of Natural Resources - Emission Factor Documentation) provides information about existing emission factors

AO173 **GIT-N-GO** **LUST** **U003169881**
WNW **1414 ARMY POST RD** **HIST LUST** **N/A**
> 1 **DES MOINES, IA 50315** **UST**
1.481 mi. **HIST UST**
7819 ft. **Site 8 of 10 in cluster AO**

Relative:
Higher

Actual:
954 ft.

LUST:

Registration:	198604829
Leak Number:	7LTO76
Date Reported:	7/9/1990
Date Cleanup Started:	3/11/1996
Date Cleanup Completed:	10/19/1999
Record Description:	No Action Required
Product Description:	Gasoline

HIST LUST:

Facility ID:	198604829
Leak Number:	7LTO76
Leak Entry Date:	07/10/90
Spill Number:	Not reported
Occur Date:	Not reported
Occur Time:	Not reported
Discover Date:	7/9/1990 0:00
Discover Time:	Not reported
Facility Addr 2:	Not reported
Facility Phone:	Not reported
Facility Fax1:	Not reported
Facility Fax2:	Not reported
Owner Name:	GIT-N-GO CONVENIENCE STORES INC
Owner Type:	Private/Corporate
Owner Addr:	2716 INDIANOLA AVENUE
Owner City,St,Zip:	DES MOINES, IA 503150000
Owner Phone:	5152858565
Owner Fax:	Not reported
Lead:	State Fund
Coordinator:	ERD
Staff Initials:	WDG
Leak Contact:	PETE KLINDT
Leak Address:	Not reported
Leak City,St,Zip:	0
Leak Phone:	5152888565
Record Name:	ROGGE
Record Date:	7/10/1990 0:00
Record Location:	Lust
Reporter Name:	PETE KLINDT
Reporter Business:	GIT-N-GO
Reporter Date:	07/09/90
Reporter Addr:	2716 INDIANOLA RD
Rprtr City,St,Zip:	DES MOINES, IA 503150000
Reporter Phone:	5152888565
Responsible Party:	PETE KLINDT
RP Company:	GIT -N- GO CONVEIENCE STORES
RP Address:	2716 INDIANOLA ROAD
RP City,St,Zip:	DES MOINES, IA 50315
RP Phone:	0
RP Ext:	Not reported
RP Fax:	Not reported
ER Date:	Not reported
Delete:	No

GIT-N-GO (Continued) **U003169881**

Ground Water Professional ID:	1066
Ground Water Professional Due Date:	09/20/97
Ground Water Professional Received Date:	09/16/97
Corrective Action Design Report Id:	0
Corrective Action Design Due Date:	Not reported
Corrective Action Design Record Date:	/ /

IA Hist Lust Status:

ID:	2285
Site Leak Number:	7LTO76
Discovered During:	Other
Tanks Removed:	0
Leak Cause:	Not reported
Gas:	Yes
Diesel:	Not reported
Oil:	Not reported
Kerosene:	Not reported
Released Fuel Oil:	Not reported
Released Hydraulic Oil:	Not reported
Released Other Petroleum:	Not reported
Released Unknown:	Not reported
Released Non_Petroleum Chemical:	Not reported
Gallons Released:	000000000000
Leak Status:	Unknown
Loc Soil:	Yes
Loc Ground Water:	Yes
Loc Surface Water:	Not reported
Loc Water Supply:	Not reported
Res Public Water Supply:	Not reported
Resources Water Well:	Not reported
Res Actual Drinking WW:	Not reported
Res Non-Drink WW:	Not reported
respotprtg:	Not reported
ressoil:	Not reported
Res Ground Water:	Not reported
Res Surface Water:	Not reported
Res Toxic Vapor:	Not reported
Res Explosive Vapor:	Not reported
Res Other:	Not reported
Res Impacted Soil:	Not reported
Res Impacted Ground Water:	Not reported
Res Impacted Water Well:	Not reported
Res Impacted Pub Water Supply:	Not reported
Res Impacted Surface Water:	Not reported
Res Impacted Toxic Vapor:	Not reported
Res Impacted Explosive Vapor:	Not reported
Res Impacted Other:	Not reported
Res Impacted Drinking WW:	Not reported
Res Impacted Non-Drink WW:	Not reported
Res Impacted Potential Non Drink WW:	Not reported
Officials Onsite Health:	Not reported
Officials Onsite Fire:	Not reported
Officials Onsite Law:	Not reported
Officials Onsite Civil:	Not reported
Officials Onsite None:	Not reported
Officials Onsite Unknown:	Yes
Officials Onsite Other:	Not reported
AST:	Not reported

GIT-N-GO (Continued) **U003169881**

UST/LUST Other: Not reported
Delete: No

IA Hist Lust Cause:
Release Cause: Not reported

IA Hist Lust Groundwater:
Groundwater Prof. Applicant Id Num.: 1066
Groundwater Pro. App. Last Name: SENSENBRENNER
Groundwater Pro. App. First Name: DENNIS R.
Groundwater Pro. Firm: TERRACON ENVIRONMENTAL, INC
Groundwater Pro. Address: 600 SW 7TH, SUITE M
Groundwater Pro. Address 2: Not reported
Groundwater Pro. City: DES MOINES
Groundwater Pro. State: IA
Groundwater Pro. Zip Code: -50309
Groundwater Pro. Tele: 5152443184
Groundwater Pro. Fax: Not reported
Groundwater Pro. Email: drsensenbrenner@terracon.com
Groundwater Pro. Exp. Of Gwp Cert.: 12/31/2007 0:00
Is The Gwp Certified?: Yes
Is Gwp Cert. For Cadr?: Yes

IA Hist Lust Misc:
Misc Due Date: Not reported
Misc Rec Date: Not reported
Misc Other: Not reported
Misc Title: Not reported

IA Hist Lust Site Monitoring Report:
Site Monitoring Report Due Date: Not reported
Site Monitoring Report Rec Date: Not reported
Site Monitoring Report Reg Date: Not reported
Site Monitoring Report Rejected Date: Not reported
Site Monitoring Report Type: Not reported
Reclassification Request Type: Not reported
Site Monitoring Report Revd By: Not reported
GW professional ID: Not reported

IA Hist Lust Remediation:
Heat Treatment: No
Land Application: No
On Site: No
Achieved Over-Excavation: No
Soil Venting Passive: No
Soil Venting Active: No
Bioremediation Passive: No
Bioremediation Active: No
In Situ GW Treatment - Air Sparging: No
Ground Water: No
Fresh Water: No
IGT - pH Adjustment: No
Nutrient: No
Oxygen: No
Biological: No
Permit Date: Not reported
Other: No

GIT-N-GO (Continued) **U003169881**

Surface Treatment - Carbon Absorption:	No
Biological:	No
ST Other:	No
TDT Sanitary Sewer:	No
TDT Storm Sewer:	No
Stream:	No
TDT Other:	No
Reduced Risk Plugged Well:	No
RR Replace:	No
RR Relocate:	No
RR Other:	No
Delete:	No

IA Hist Lust Free Product Recovery:

FPR Report Assesment Due:	Not reported
FPR Report Received:	Not reported
FPR Report Accepted:	Not reported
FPR Report Rejected:	Not reported
FPR Report Revised:	Not reported

IA Hist Lust Corrective Action Design Report:

Corrective Action Design Record Date:	Not reported
Corrective Action Design Received:	Not reported
Corrective Action Design Accepted:	Not reported
Corrective Action Design Rejected:	Not reported
Revised Report Received:	Not reported

IA Hist Lust Tier 1 Report:

T1 Assesment Due:	9/26/99 0:00:00
T1 Received:	3/3/98 0:00:00
Tier 1 Consultant Recommends:	Not reported
T1 Accepted:	10/19/99 0:00:00
T1 Rejected:	Not reported
T1 Revised:	Not reported
T1 Reviewed:	Not reported

IA Hist Lust Tier 2 Report:

T2 Assesment Due:	Not reported
T2 Received:	Not reported
T2 Accepted:	Not reported
T2 Rejected:	Not reported
T2 Reviewed:	Not reported

IA Hist Lust Tier 3 Report:

T3 Assesment Due:	Not reported
T3 Received:	Not reported
T3 Accepted:	Not reported
T3 Rejected:	Not reported

IA Hist Lust Administration:

ID:	2285
Owner Identified:	Yes
Responsible Party Found:	Yes
RP Date:	7/10/90 0:00:00

GIT-N-GO (Continued) **U003169881**

Owner Broke:	No
ER Date:	Not reported
Cost Recovery Start Dt:	Not reported
CR Notice of Intent Dt:	Not reported
CR Appeal of NOI Dt:	Not reported
CR Final Decision Dt:	Not reported
CR EP Comm Lien Approval Dt:	Not reported
CR Lien:	Not reported
CR Ten Yr Renewal Dt:	Not reported
CR Lien Named:	No
crtyrdate:	Not reported
CR Remediation:	Not reported
Delete:	No
CR Amnt Received:	Not reported
CR End Date:	Not reported

IA Hist Lust 28E:

Counter:	Not reported
Staff Initials:	Not reported
Type:	Not reported
County:	Not reported
Part Of State:	Not reported
Priority Number:	Not reported
Reason:	Not reported
Responsible Party:	Not reported
rfpno:	Not reported
Removed:	Not reported
Date Removed:	Not reported
Field Office:	Not reported
Newlist:	Not reported
State Lead:	Not reported
Access Letter Mailed:	Not reported
Owner Signed Access:	Not reported
Signed Access to Contractor:	Not reported
Contractor Signed Access:	Not reported
Final Access Mailed:	Not reported
nfr:	Not reported
Start Date:	Not reported

IA Hist Lust AO:

Seq Number:	Not reported
Distribution:	Not reported
UST/LUST Other:	Not reported
Order Type:	Not reported
Legal Ref Start:	Not reported
Division ADM Date:	Not reported
CE Bureau Date:	Not reported
AO Issue Date:	Not reported
AO Number:	Not reported
Name Of Parties:	Not reported
Penalty Due Date:	Not reported
Penalty Amount:	Not reported
Penalty Paid Date:	Not reported
Penalty Amount Paid:	Not reported
AO Appeal Date:	Not reported
ALJ Decision Date:	Not reported

GIT-N-GO (Continued) **U003169881**

EPC Decision Date:	Not reported
Attorney Gen Ref Date:	Not reported
Final Court Decision:	Not reported
Case Number:	Not reported
County:	Not reported
Action Required:	Not reported
Compliance Due:	Not reported
In Compliance Date:	Not reported
Removed:	Not reported
Staff Initials:	Not reported

IA Hist Lust ATP:

Seq Number:	Not reported
Last Name:	Not reported
Priority Rank:	Not reported
Type:	Not reported
Reason:	Not reported
ATP Due:	Not reported
ATP Letter:	Not reported
Financial Documents Recvd:	Not reported
Able/Unable To Pay:	Not reported
Final Letter:	Not reported
Project Complete:	Not reported
RP Able to Pay:	Not reported
Project Removed:	Not reported
Staff Initials:	Not reported
Comment:	Not reported

IA Hist Lust Contract:

Seq Number:	Not reported
Tank City:	Not reported
Staff Initials:	Not reported
Score:	Not reported
Scope Completed:	Not reported
Advertise:	Not reported
Receive Bids:	Not reported
Commission Approval:	Not reported
Contract Approved:	Not reported
Original Contract Amt:	Not reported
Change Orders:	Not reported
Paid to Date:	Not reported
SCR/CADR Received:	Not reported
SCR/CADR Approved:	Not reported
Contract:	Not reported

IA Hist Lust Bedrock Well:

ID:	Not reported
Category:	Not reported
Sample Water Supply:	Not reported
GIS Survey:	Not reported

IA Hist Lust Inst Control:

Inst Control Begin:	Not reported
Inst Control Type:	Not reported

GIT-N-GO (Continued) **U003169881**

IA Hist Lust Track:

ID:	2285
Site Assesment Start Date:	7/20/90 0:00:00
Free Product Recvry End Date:	Not reported
FP Letter Sent Date:	Not reported
FP Report Frequency:	Not reported
Assesment Report Due:	Not reported
Assesment Report Received:	Not reported
Assesment Report Approved:	Not reported
Achieved Over-Excavation:	Not reported
Release Not Verified Date:	Not reported
Ref to Contaminated Site Section:	Not reported
Cleanup Start Date:	3/11/96 0:00:00
Cleanup Complete Date:	10/19/99 0:00:00
Cleanup Report Due Date:	Not reported
Cleanup Report Received Date:	Not reported
Cleanup Report Approved Date:	Not reported
Check Report Due Date:	Not reported
Check Report Received Date:	Not reported
Check Report Rejected Date:	Not reported
Check Report Approved Date:	Not reported
Date Classified:	10/19/99 0:00:00
Risk Classification -NFA:	Yes
Class - Low Risk:	No
Class - High Risk:	No
Lust Current:	No Action Required
Tier 1 Consultant Recommends:	NFA
T1 Actual GW Ingestion:	No
T1 Poten GW Ingestion from Protected GW:	No
T1 Poten GW Ingestion from Protected GW:	No
T1 GW Vapor to Enclosed Space:	No
T1 GW to Plastic Water Line:	No
T1 Surface Water:	No
T1 Soil Leaching to GW:	No
T1 Soil Vapor to Enclosed Space:	No
T1 Soil to Plastic Line:	No
Tier 2 Consultant Recommends:	Not reported
T2 Actual GW Ingestion:	Not reported
T2 Poten GW Ingestion from Protected GW:	Not reported
T2 Poten GW Ingestion from Protected GW:	Not reported
T2 GW Vapor to Enclosed Space:	Not reported
T2 GW to Plastic Water Line:	Not reported
T2 SW General Use:	Not reported
T2 SW Designated Use:	Not reported
T2 Soil Leaching to GW:	Not reported
T2 Soil Vapor to Enclosed Space:	Not reported
T2 Soil to Plastic Line:	Not reported
Institutional Control Obtained:	No
NFA Certificate Sent:	8/14/00 0:00:00
No Action Required:	**No**
Priority Ranking:	5
Delete:	No

UST:

Registration:	198604829

GIT-N-GO (Continued) **U003169881**

UST:

Registration:	198604829
Status Description:	Regulated tanks - r/f
Type Description:	Private/Corporate
Tank Id:	13803
Install Date:	6/1/1974
Status Description:	Regulated tanks - r/f
Capacity:	6000
Content Description:	Gasoline
Registration:	198604829
Tank Id:	13802
Install Date:	6/1/1974
Status Description:	Regulated tanks - r/f
Capacity:	10000
Content Description:	Gasoline

HIST UST:

Tank Number:	001
Tank Status:	**Regulated tanks - r/f**
Tank Type:	Commercial
Tank Capacity:	10000
Currently In Use:	No
Tank Material and Construction:	Steel
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported
Site Install Date:	6/1/74 0:00:00
Date Removed:	9/26/94 0:00:00
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Not reported
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported

GIT-N-GO (Continued) **U003169881**

Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Yes
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Yes
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	SIRAS
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Yes
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

Tank Number:	002
Tank Status:	**Regulated tanks - r/f**
Tank Type:	Commercial
Tank Capacity:	6000

GIT-N-GO (Continued) **U003169881**

Currently In Use:	No
Tank Material and Construction:	Steel
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported
Site Install Date:	6/1/74 0:00:00
Date Removed:	9/26/94 0:00:00
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Not reported
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Yes
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Yes
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	SIRAS
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Yes
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported

GIT-N-GO (Continued) **U003169881**

TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

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AO174 **SPILLS** **S105273467**
WNW **1439 ARMY POST ROAD** **N/A**
> 1 **DES MOINES, IA**
1.496 mi.
7897 ft. **Site 9 of 10 in cluster AO**

Relative:
Higher

Actual:
955 ft.

SPILL:

Facility ID:	082901-KAL-1418
Reported Date:	8/29/2001
Reported Time:	2:18:00 PM
Taken By:	Kathy Lee
Spill Date:	8/29/2001
Spill Time:	11:00:00 AM
6 hr Letter:	FALSE
Continuous Release:	FALSE
Incident Location:	Not reported
Incident Mode:	Transformer
Incident Type:	Transformer oil/PCB
Incident Medium Land:	TRUE
Incident Medium Water:	FALSE
Incident Medium Air:	FALSE
Initial Instructions:	The unit has been replaced, oil cleaned up and soil replaced. A copy of lab results was requested.
Events:	Internal fault in pole mount transformer.One gallon of nonpcb oil spilled on concrete parking lot and grass.

AP175
WNW
> 1
1.499 mi.
7913 ft.

SOUTHRIDGE AMOCO
6300 SE 14TH STREET
DES MOINES, IA 50315

Site 1 of 2 in cluster AP

Relative:
Higher

Actual:
953 ft.

FINDS **1011271953**
N/A

FINDS:

Registry ID: 110036183901

Environmental Interest/Information System
IDNR-EFD (Iowa Department Of Natural Resources - Emission Factor Documentation) provides information about existing emission factors

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AP176
WNW
> 1
1.499 mi.
7913 ft.

SOUTHRIDGE AMOCO
6300 SE 14TH STREET
DES MOINES, IA 50315

Site 2 of 2 in cluster AP

Relative:
Higher

Actual:
953 ft.

LUST **U003170448**
HIST LUST **N/A**
UST
HIST UST

LUST:

Registration:	198606466
Leak Number:	7LTK59
Date Reported:	3/21/1990
Date Cleanup Started:	6/2/1995
Date Cleanup Completed:	8/4/1997
Record Description:	No Action Required
Product Description:	Gasoline

HIST LUST:

Facility ID:	198606466
Leak Number:	7LTK59
Leak Entry Date:	03/23/90
Spill Number:	Not reported
Occur Date:	3/21/1990 0:00
Occur Time:	10:00AM
Discover Date:	3/21/1990 0:00
Discover Time:	10:00AM
Facility Addr 2:	Not reported
Facility Phone:	Not reported
Facility Fax1:	Not reported
Facility Fax2:	Not reported
Owner Name:	SOUTHRIDGE BP
Owner Type:	Private/Corporate
Owner Addr:	W.B. STONE JR.
Owner Addr 2:	6300 SE 14TH ST
Owner City,St,Zip:	DES MOINES, IA 50320-
Owner Phone:	5635837386
Owner Fax:	Not reported
Lead:	State Fund
Coordinator:	ERD
Staff Initials:	ERD
Leak Contact:	NORM VELDHUIZEN
Leak Address:	Not reported
Leak City,St,Zip:	0
Leak Phone:	5152857192
Record Name:	HORN
Record Date:	3/2/1990 0:00

SOUTHRIDGE AMOCO (Continued) **U003170448**

Record Location:	Lust
Reporter Name:	NORM VELDHUIZEN
Reporter Business:	AMOCO OIL CO
Reporter Date:	03/21/90
Reporter Addr:	711 E 1ST
Rprtr City,St,Zip:	ALTOONA, IA 500090000
Reporter Phone:	5152254015
Responsible Party:	THOMAS TUNNICLIFF
RP Company:	ATLANTIC RICHFIELD CO
RP Address:	2240 BLUESTONE DR
RP City,St,Zip:	ST CHARLES, MO 63303
RP Phone:	0
RP Ext:	Not reported
RP Fax:	Not reported
ER Date:	Not reported
Delete:	No
Ground Water Professional ID:	1618
Ground Water Professional Due Date:	05/10/92
Ground Water Professional Received Date:	04/06/92
Corrective Action Design Report Id:	0
Corrective Action Design Due Date:	Not reported
Corrective Action Design Record Date:	/ /

IA Hist Lust Status:

ID:	3001
Site Leak Number:	7LTK59
Discovered During:	Other
Tanks Removed:	0
Leak Cause:	UNK
Gas:	Yes
Diesel:	Not reported
Oil:	Not reported
Kerosene:	Not reported
Released Fuel Oil:	Not reported
Released Hydraulic Oil:	Not reported
Released Other Petroleum:	Not reported
Released Unknown:	Not reported
Released Non_Petroleum Chemical:	Not reported
Gallons Released:	000000000000
Leak Status:	Unknown
Loc Soil:	Yes
Loc Ground Water:	Not reported
Loc Surface Water:	Not reported
Loc Water Supply:	Not reported
Res Public Water Supply:	Not reported
Resources Water Well:	Not reported
Res Actual Drinking WW:	Not reported
Res Non-Drink WW:	Not reported
respotprtg:	Not reported
ressoil:	Not reported
Res Ground Water:	Not reported
Res Surface Water:	Not reported
Res Toxic Vapor:	Not reported
Res Explosive Vapor:	Not reported
Res Other:	Not reported
Res Impacted Soil:	Not reported
Res Impacted Ground Water:	Not reported
Res Impacted Water Well:	Not reported

SOUTHRIDGE AMOCO (Continued) **U003170448**

Res Impacted Pub Water Supply:	Not reported
Res Impacted Surface Water:	Not reported
Res Impacted Toxic Vapor:	Not reported
Res Impacted Explosive Vapor:	Not reported
Res Impacted Other:	Not reported
Res Impacted Drinking WW:	Not reported
Res Impacted Non-Drink WW:	Not reported
Res Impacted Potential Non Drink WW:	Not reported
Officials Onsite Health:	Not reported
Officials Onsite Fire:	Not reported
Officials Onsite Law:	Not reported
Officials Onsite Civil:	Not reported
Officials Onsite None:	Yes
Officials Onsite Unknown:	Not reported
Officials Onsite Other:	Not reported
AST:	Not reported
UST/LUST Other:	Not reported
Delete:	No

IA Hist Lust Cause:

Release Cause:	Unknown

IA Hist Lust Groundwater:

Groundwater Prof. Applicant Id Num.:	1618
Groundwater Pro. App. Last Name:	HANSEN
Groundwater Pro. App. First Name:	DAVID
Groundwater Pro. Firm:	ROCKWELL SOLUTIONS, INC
Groundwater Pro. Address:	718 BRIDGER LANE
Groundwater Pro. Address 2:	Not reported
Groundwater Pro. City:	ELK RIDGE
Groundwater Pro. State:	UT
Groundwater Pro. Zip Code:	84651
Groundwater Pro. Tele:	8013612930
Groundwater Pro. Fax:	Not reported
Groundwater Pro. Email:	Not reported
Groundwater Pro. Exp. Of Gwp Cert.:	12/31/2001 0:00
Is The Gwp Certified?:	No
Is Gwp Cert. For Cadr?:	No

IA Hist Lust Misc:

Misc Due Date:	Not reported	Misc Rec Date:	Not reported
Misc Other:	Not reported	Misc Title:	Not reported

IA Hist Lust Site Monitoring Report:

Site Monitoring Report Due Date:	Not reported
Site Monitoring Report Rec Date:	Not reported
Site Monitoring Report Reg Date:	Not reported
Site Monitoring Report Rejected Date:	Not reported
Site Monitoring Report Type:	Not reported
Reclassification Request Type:	Not reported
Site Monitoring Report Revd By:	Not reported
GW professional ID:	Not reported

IA Hist Lust Remediation:

Heat Treatment:	No

SOUTHRIDGE AMOCO (Continued) **U003170448**

Land Application:	No
On Site:	No
Achieved Over-Excavation:	No
Soil Venting Passive:	No
Soil Venting Active:	No
Bioremediation Passive:	No
Bioremediation Active:	No
In Situ GW Treatment - Air Sparging:	No
Ground Water:	No
Fresh Water:	No
IGT - pH Adjustment:	No
Nutrient:	No
Oxygen:	No
Biological:	No
Permit Date:	Not reported
Other:	No
Surface Treatment - Carbon Absorption:	No
Biological:	No
ST Other:	No
TDT Sanitary Sewer:	No
TDT Storm Sewer:	No
Stream:	No
TDT Other:	No
Reduced Risk Plugged Well:	No
RR Replace:	No
RR Relocate:	No
RR Other:	No
Delete:	No

IA Hist Lust Free Product Recovery:

FPR Report Assesment Due:	Not reported
FPR Report Received:	Not reported
FPR Report Accepted:	Not reported
FPR Report Rejected:	Not reported
FPR Report Revised:	Not reported

IA Hist Lust Corrective Action Design Report:

Corrective Action Design Record Date:	Not reported
Corrective Action Design Received:	Not reported
Corrective Action Design Accepted:	Not reported
Corrective Action Design Rejected:	Not reported
Revised Report Received:	Not reported

IA Hist Lust Tier 1 Report:

T1 Assesment Due:	Not reported
T1 Received:	5/27/97 0:00:00
Tier 1 Consultant Recommends:	Not reported
T1 Accepted:	8/4/97 0:00:00
T1 Rejected:	Not reported
T1 Revised:	Not reported
T1 Reviewed:	Not reported

IA Hist Lust Tier 2 Report:

T2 Assesment Due:	Not reported
T2 Received:	Not reported

SOUTHRIDGE AMOCO (Continued) **U003170448**

T2 Accepted: Not reported
T2 Rejected: Not reported
T2 Reviewed: Not reported

IA Hist Lust Tier 3 Report:
T3 Assesment Due: Not reported
T3 Received: Not reported
T3 Accepted: Not reported
T3 Rejected: Not reported

IA Hist Lust Administration:
ID: 3001
Owner Identified: Yes
Responsible Party Found: Yes
RP Date: 3/21/90 0:00:00
Owner Broke: No
ER Date: Not reported
Cost Recovery Start Dt: Not reported
CR Notice of Intent Dt: Not reported
CR Appeal of NOI Dt: Not reported
CR Final Decision Dt: Not reported
CR EP Comm Lien Approval Dt: Not reported
CR Lien: Not reported
CR Ten Yr Renewal Dt: Not reported
CR Lien Named: No
crtyrdate: Not reported
CR Remediation: Not reported
Delete: No
CR Amnt Received: Not reported
CR End Date: Not reported

IA Hist Lust 28E:
Counter: Not reported
Staff Initials: Not reported
Type: Not reported
County: Not reported
Part Of State: Not reported
Priority Number: Not reported
Reason: Not reported
Responsible Party: Not reported
rfpno: Not reported
Removed: Not reported
Date Removed: Not reported
Field Office: Not reported
Newlist: Not reported
State Lead: Not reported
Access Letter Mailed: Not reported
Owner Signed Access: Not reported
Signed Access to Contractor: Not reported
Contractor Signed Access: Not reported
Final Access Mailed: Not reported
nfr: Not reported
Start Date: Not reported

IA Hist Lust AO:

SOUTHRIDGE AMOCO (Continued) **U003170448**

Seq Number:	Not reported
Distribution:	Not reported
UST/LUST Other:	Not reported
Order Type:	Not reported
Legal Ref Start:	Not reported
Division ADM Date:	Not reported
CE Bureau Date:	Not reported
AO Issue Date:	Not reported
AO Number:	Not reported
Name Of Parties:	Not reported
Penalty Due Date:	Not reported
Penalty Amount:	Not reported
Penalty Paid Date:	Not reported
Penalty Amount Paid:	Not reported
AO Appeal Date:	Not reported
ALJ Decision Date:	Not reported
EPC Decision Date:	Not reported
Attorney Gen Ref Date:	Not reported
Final Court Decision:	Not reported
Case Number:	Not reported
County:	Not reported
Action Required:	Not reported
Compliance Due:	Not reported
In Compliance Date:	Not reported
Removed:	Not reported
Staff Initials:	Not reported

IA Hist Lust ATP:

Seq Number:	Not reported
Last Name:	Not reported
Priority Rank:	Not reported
Type:	Not reported
Reason:	Not reported
ATP Due:	Not reported
ATP Letter:	Not reported
Financial Documents Recvd:	Not reported
Able/Unable To Pay:	Not reported
Final Letter:	Not reported
Project Complete:	Not reported
RP Able to Pay:	Not reported
Project Removed:	Not reported
Staff Initials:	Not reported
Comment:	Not reported

IA Hist Lust Contract:

Seq Number:	Not reported
Tank City:	Not reported
Staff Initials:	Not reported
Score:	Not reported
Scope Completed:	Not reported
Advertise:	Not reported
Receive Bids:	Not reported
Commission Approval:	Not reported
Contract Approved:	Not reported
Original Contract Amt:	Not reported
Change Orders:	Not reported

SOUTHRIDGE AMOCO (Continued) **U003170448**

Paid to Date:	Not reported
SCR/CADR Received:	Not reported
SCR/CADR Approved:	Not reported
Contract:	Not reported

IA Hist Lust Bedrock Well:

ID:	Not reported
Category:	Not reported
Sample Water Supply:	Not reported
GIS Survey:	Not reported

IA Hist Lust Inst Control:

Inst Control Begin:	Not reported
Inst Control Type:	Not reported

IA Hist Lust Track:

ID:	3001
Site Assesment Start Date:	4/18/90 0:00:00
Free Product Recvry End Date:	Not reported
FP Letter Sent Date:	Not reported
FP Report Frequency:	Not reported
Assesment Report Due:	Not reported
Assesment Report Received:	Not reported
Assesment Report Approved:	Not reported
Achieved Over-Excavation:	Not reported
Release Not Verified Date:	Not reported
Ref to Contaminated Site Section:	Not reported
Cleanup Start Date:	6/2/95 0:00:00
Cleanup Complete Date:	8/4/97 0:00:00
Cleanup Report Due Date:	Not reported
Cleanup Report Received Date:	Not reported
Cleanup Report Approved Date:	Not reported
Check Report Due Date:	Not reported
Check Report Received Date:	Not reported
Check Report Rejected Date:	Not reported
Check Report Approved Date:	Not reported
Date Classified:	8/4/97 0:00:00
Risk Classification -NFA:	Yes
Class - Low Risk:	No
Class - High Risk:	No
Lust Current:	No Action Required
Tier 1 Consultant Recommends:	Not reported
T1 Actual GW Ingestion:	No
T1 Poten GW Ingestion from Protected GW:	No
T1 Poten GW Ingestion from Protected GW:	No
T1 GW Vapor to Enclosed Space:	No
T1 GW to Plastic Water Line:	No
T1 Surface Water:	No
T1 Soil Leaching to GW:	No
T1 Soil Vapor to Enclosed Space:	No
T1 Soil to Plastic Line:	No
Tier 2 Consultant Recommends:	Not reported
T2 Actual GW Ingestion:	Not reported
T2 Poten GW Ingestion from Protected GW:	Not reported
T2 Poten GW Ingestion from Protected GW:	Not reported
T2 GW Vapor to Enclosed Space:	Not reported

SOUTHRIDGE AMOCO (Continued) **U003170448**

T2 GW to Plastic Water Line:	Not reported
T2 SW General Use:	Not reported
T2 SW Designated Use:	Not reported
T2 Soil Leaching to GW:	Not reported
T2 Soil Vapor to Enclosed Space:	Not reported
T2 Soil to Plastic Line:	Not reported
Institutional Control Obtained:	No
NFA Certificate Sent:	6/1/00 0:00:00
No Action Required:	**No**
Priority Ranking:	Not reported
Delete:	No

UST:
Registration: 198606466

UST:
Registration: 198606466
Status Description: Regulated tanks - active
Type Description: Private/Corporate

Tank Id: 19403
Install Date: 12/1/1972
Status Description: Regulated tanks - r/f
Capacity: 6000
Content Description: Gasoline

Registration: 198606466
Tank Id: 19399
Install Date: 2/1/1979
Status Description: Non-regulated hoist oil tank - active
Capacity: 30
Content Description: Other

Registration: 198606466
Tank Id: 19408
Install Date: 5/1/1990
Status Description: Regulated tank - active
Capacity: 12000
Content Description: Gasoline

Registration: 198606466
Tank Id: 19404
Install Date: 12/1/1972
Status Description: Regulated tanks - r/f
Capacity: 6000
Content Description: Gasoline

Registration: 198606466
Tank Id: 19400
Install Date: 12/1/1972
Status Description: Non-regulated hoist oil tank - active
Capacity: 30
Content Description: Other

Registration: 198606466
Tank Id: 19409

SOUTHRIDGE AMOCO (Continued) **U003170448**

Install Date: 5/1/1990
Status Description: Regulated tank - active
Capacity: 12000
Content Description: Gasoline

Registration: 198606466
Tank Id: 19401
Install Date: 12/1/1972
Status Description: Non-regulated hoist oil tank - active
Capacity: 30
Content Description: Other

Registration: 198606466
Tank Id: 19405
Install Date: 12/1/1972
Status Description: Regulated tanks - r/f
Capacity: 12000
Content Description: Gasoline

Registration: 198606466
Tank Id: 19407
Install Date: 5/1/1990
Status Description: Regulated tank - active
Capacity: 12000
Content Description: Gasoline

Registration: 198606466
Tank Id: 19402
Install Date: 12/1/1972
Status Description: Regulated tanks - r/f
Capacity: 550
Content Description: Used Oil

Registration: 198606466
Tank Id: 19406
Install Date: 5/1/1990
Status Description: Regulated tank - active
Capacity: 550
Content Description: Used Oil

HIST UST:
Tank Number: 001
Tank Status: Non-regulated hoist oil tank - active
Tank Type: Not reported
Tank Capacity: 30
Currently In Use: No
Tank Material and Construction: Steel
Tank Material and Construction Other: Not reported
Tank Internal Protection Fiberglass: Not reported
Tank External Protection Cathodic: Not reported
Temp Closed Date: Not reported
Site Install Date: 2/1/79 0:00:00
Date Removed: Not reported
Filled Inert: Not reported
Date Filled in Place: Not reported
Inert Material: Not reported
Date Last Contained Product: Not reported

SOUTHRIDGE AMOCO (Continued) **U003170448**

No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Not reported
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Yes
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported

SOUTHRIDGE AMOCO (Continued) **U003170448**

PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

Tank Number:	002
Tank Status:	**Non-regulated hoist oil tank - active**
Tank Type:	Not reported
Tank Capacity:	30
Currently In Use:	No
Tank Material and Construction:	Steel
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported
Site Install Date:	12/1/72 0:00:00
Date Removed:	Not reported
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Not reported
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported

SOUTHRIDGE AMOCO (Continued) **U003170448**

Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Yes
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

Tank Number:	003
Tank Status:	**Non-regulated hoist oil tank - active**
Tank Type:	Not reported
Tank Capacity:	30
Currently In Use:	No
Tank Material and Construction:	Steel
Tank Material and Construction Other:	Not reported

SOUTHRIDGE AMOCO (Continued) **U003170448**

Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported
Site Install Date:	12/1/72 0:00:00
Date Removed:	Not reported
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Not reported
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Yes
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported

SOUTHRIDGE AMOCO (Continued) **U003170448**

PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

Tank Number:	004
Tank Status:	**Regulated tanks - r/f**
Tank Type:	Commercial
Tank Capacity:	550
Currently In Use:	No
Tank Material and Construction:	Steel
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported
Site Install Date:	12/1/72 0:00:00
Date Removed:	4/30/90 0:00:00
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	1/1/00 0:00:00
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Not reported
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported

SOUTHRIDGE AMOCO (Continued) **U003170448**

TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Yes
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported

SOUTHRIDGE AMOCO (Continued) **U003170448**

Installation Cert. by LUST Board Cert. Inspector: Not reported

Tank Number:	005
Tank Status:	**Regulated tanks - r/f**
Tank Type:	Commercial
Tank Capacity:	6000
Currently In Use:	No
Tank Material and Construction:	Steel
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported
Site Install Date:	12/1/72 0:00:00
Date Removed:	4/30/90 0:00:00
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	1/1/00 0:00:00
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Not reported
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Not reported
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported

SOUTHRIDGE AMOCO (Continued) **U003170448**

PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

Click this hyperlink while viewing on your computer to access
6 additional IA HIST UST: record(s) in the EDR Site Report.

AQ177 **ORCHARD PLACE SCHOOL** **FINDS** **1011304237**
NNW **5412 SW 9TH STREET** **N/A**
> 1 **DES MOINES, IA 50315**
1.509 mi.
7967 ft. **Site 1 of 3 in cluster AQ**

Relative:
Higher

Actual:
901 ft.

FINDS:

Registry ID: 110036780551

Environmental Interest/Information System
NCES (National Center for Education Statistics) is the primary federal entity for collecting and analyzing data related to education in the United States and other nations and the institute of education sciences.

AO178 **JOCKOS AUTO PARTS** **RCRA-NonGen** **1000302512**
WNW **1500 SW ARMY POST RD** **FINDS** **IAD981497332**
> 1 **DES MOINES, IA 50315**
1.533 mi.
8093 ft. **Site 10 of 10 in cluster AO**

Relative:
Higher

Actual:
954 ft.

RCRA-NonGen:

Date form received by agency:	01/10/2001
Facility name:	JOCKOS AUTO PARTS
Facility address:	1500 SW ARMY POST RD
	DES MOINES, IA 50315
EPA ID:	IAD981497332
Mailing address:	E 22ND ST
	DES MOINES, IA 50317
Contact:	Not reported
Contact address:	Not reported
	Not reported
Contact country:	Not reported
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	07
Land type:	Private
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste:	Unknown
Mixed waste (haz. and radioactive):	Unknown
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	Unknown
Furnace exemption:	Unknown
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No
Off-site waste receiver:	Verified to be non-commercial

Historical Generators:

Date form received by agency:	02/07/1994
Facility name:	JOCKOS AUTO PARTS
Classification:	Not a generator, verified

Date form received by agency:	04/09/1986
Facility name:	JOCKOS AUTO PARTS
Classification:	Small Quantity Generator

Hazardous Waste Summary:

Waste code:	NONE
Waste name:	None

Violation Status: No violations found

JOCKOS AUTO PARTS (Continued) **1000302512**

Evaluation Action Summary:
Evaluation date: 02/07/1994
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA Contractor/Grantee

FINDS:

Registry ID: 110005753096

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

AR179 **JIFFY LUBE** **UST** **U001870521**
WNW **6140 SE 14TH ST** **HIST UST** **N/A**
> 1 **DES MOINES, IA 50315**
1.551 mi.
8187 ft. **Site 1 of 2 in cluster AR**

Relative: Higher

UST:
Registration: 198609605

Actual: 950 ft.

UST:
Registration: 198609605
Status Description: Regulated tanks - r/f
Type Description: Private/Corporate

Tank Id: 29032
Install Date: 5/1/1986
Status Description: Regulated tanks - r/f
Capacity: 1000
Content Description: Used Oil

Registration: 198609605
Tank Id: 29030
Install Date: 5/1/1986
Status Description: Regulated tanks - r/f
Capacity: 2000
Content Description: Used Oil

Registration: 198609605
Tank Id: 29031
Install Date: 5/1/1986
Status Description: Regulated tanks - r/f
Capacity: 2000
Content Description: Used Oil

Registration: 198609605
Tank Id: 29033
Install Date: 5/1/1986
Status Description: Regulated tanks - r/f

JIFFY LUBE (Continued) **U001870521**

Capacity:	1000
Content Description:	Used Oil

HIST UST:

Tank Number:	001
Tank Status:	**Regulated tanks - r/f**
Tank Type:	Commercial
Tank Capacity:	2000
Currently In Use:	No
Tank Material and Construction:	Steel
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Yes
Temp Closed Date:	7/1/98 0:00:00
Site Install Date:	5/1/86 0:00:00
Date Removed:	Not reported
Filled Inert:	Y
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Yes
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Yes
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Yes
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Yes
LDS None:	Yes
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Yes

JIFFY LUBE (Continued) **U001870521**

PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Yes
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

Tank Number:	002
Tank Status:	**Regulated tanks - r/f**
Tank Type:	Commercial
Tank Capacity:	2000
Currently In Use:	No
Tank Material and Construction:	Steel
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Yes
Temp Closed Date:	7/1/98 0:00:00
Site Install Date:	5/1/86 0:00:00
Date Removed:	Not reported
Filled Inert:	Y
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No

JIFFY LUBE (Continued) **U001870521**

Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Not reported
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Yes
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Yes
LDS None:	Yes
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Yes
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Yes
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported

JIFFY LUBE (Continued) **U001870521**

Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported
Tank Number:	003
Tank Status:	**Regulated tanks - r/f**
Tank Type:	Commercial
Tank Capacity:	1000
Currently In Use:	No
Tank Material and Construction:	Steel
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Yes
Temp Closed Date:	7/1/98 0:00:00
Site Install Date:	5/1/86 0:00:00
Date Removed:	Not reported
Filled Inert:	Y
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Yes
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Yes
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported

JIFFY LUBE (Continued) **U001870521**

LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Yes
LDS None:	Yes
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Yes
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Yes
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

Tank Number:	004
Tank Status:	**Regulated tanks - r/f**
Tank Type:	Commercial
Tank Capacity:	1000
Currently In Use:	No
Tank Material and Construction:	Steel
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Yes
Temp Closed Date:	7/1/98 0:00:00
Site Install Date:	5/1/86 0:00:00

JIFFY LUBE (Continued) **U001870521**

Date Removed:	Not reported
Filled Inert:	Y
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Yes
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Yes
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Yes
LDS None:	Yes
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Yes
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Yes
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported

JIFFY LUBE (Continued) **U001870521**

PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

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AR180 **JIFFY LUBE** **FINDS** **1011285285**
WNW **6140 SE 14TH ST** **N/A**
> 1 **DES MOINES, IA 50315**
1.551 mi.
8187 ft. **Site 2 of 2 in cluster AR**

Relative:
Higher

FINDS:

Registry ID: 110036217821

Actual:
950 ft.

Environmental Interest/Information System
IDNR-EFD (Iowa Department Of Natural Resources - Emission Factor Documentation) provides information about existing emission factors

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AS181 **DES MOINES - NAHAS AQUATIC CENTER** **NPDES** **S108268677**
NW **1101 PORTER AVENUE** **N/A**
> 1 **DES MOINES, IA 50315**
1.554 mi.
8205 ft. **Site 1 of 2 in cluster AS**

Relative:
Higher

NPDES:

Npdes Permit Number:	7727137
Epa Npdes Id Number:	0076511
Permit Expiration Date:	4/23/2006
Facility Name:	DES MOINES - NAHAS AQUATIC CENTER
Facility Address1:	1101 PORTER AVENUE
Facility City:	DES MOINES
Facility Phone Number:	(515) 237-1652
Facility Type:	INDUSTRIAL
Facility Class:	MINOR
Standard Industrial Classification Code:	7999
Owner Name:	CITY OF DES MOINES - NAHAS AQUATIC CENTER
Owner Add1:	PARKS AND RECREATION DEPT

Actual:
935 ft.

DES MOINES - NAHAS AQUATIC CENTER (Continued) **S108268677**

Owner Add2:	602 ROBERT D RAY DRIVE
Owner City:	DES MOINES
Owner State:	IA
Owner Zip:	50309-1869
Owner Phone:	(515)208-0238
Indr Regional/Field Office Number:	5
Section:	28
Township:	78
Range:	24
Design:	1
Latitude Degree:	41.534440000000
Longitude Degree:	-93.62861000000
River Basin:	DES MOINES RIVER BELOW THE RACCOON TO WHITEBREST CREEK
Nearest City:	DES MOINES
Type Of Treatment:	NO TREATMENT
Design Population Equivalent:	0
Design Biochemical Oxygen Demand:	0
Design Avg Dry Weather Flow (Mll Glns Per Dy):	0
Design Avg Wet Weather Flow (Mll Glns Per Dy):	0
Operator Certification Facility Type:	Not reported
Operator Certification Facility Grade:	Not reported

AS182 **DES MOINES-NAHAS AQUATIC CTR** **FINDS** **1005652136**
NW **1101 PORTER** **N/A**
> 1 **DES MOINES, IA 50315**
1.554 mi.
8205 ft. **Site 2 of 2 in cluster AS**

Relative: Higher

Actual: 935 ft.

FINDS:

Registry ID: 110011272586

Environmental Interest/Information System

IDNR-EFD (Iowa Department Of Natural Resources - Emission Factor Documentation) provides information about existing emission factors

PCS (Permit Compliance System) is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

AT183 **TIRE CITY** **LUST** **U003126769**
WNW **1538 SW ARMY POST RD** **HIST LUST** **N/A**
> 1 **DES MOINES, IA 50315** **UST**
1.556 mi. **HIST UST**
8215 ft. **Site 1 of 3 in cluster AT**

Relative: Higher

Actual: 955 ft.

LUST:

Registration:	199417683
Leak Number:	9LTG08
Date Reported:	1/19/1998
Date Cleanup Started:	6/19/1998
Date Cleanup Completed:	6/19/1998
Record Description:	No Action Required
Product Description:	Gasoline

TIRE CITY (Continued) **U003126769**

HIST LUST:

Facility ID:	199417683
Leak Number:	9LTG08
Leak Entry Date:	04/20/98
Spill Number:	Not reported
Occur Date:	Not reported
Occur Time:	Not reported
Discover Date:	1/8/1998 0:00
Discover Time:	Not reported
Facility Addr 2:	Not reported
Facility Phone:	Not reported
Facility Fax1:	Not reported
Facility Fax2:	Not reported
Owner Name:	STANLEY M. SIMMER
Owner Type:	Not reported
Owner Addr:	1538 SW ARMY POST RD
Owner City,St,Zip:	DES MOINES, IA 503150000
Owner Phone:	0000000000
Owner Fax:	Not reported
Lead:	State Fund
Coordinator:	ERD
Staff Initials:	ERD
Leak Contact:	STAN SIMMER
Leak Address:	Not reported
Leak City,St,Zip:	0
Leak Phone:	0
Record Name:	COLLINS
Record Date:	4/15/1998 0:00
Record Location:	UST
Reporter Name:	STEVE KOBBERDAHL
Reporter Business:	HEARTLAND ENVIR SERVICES
Reporter Date:	01/19/98
Reporter Addr:	10050 NW LAKE DRIVE
Rprtr City,St,Zip:	POLK CITY, IA 502260000
Reporter Phone:	5159849166
Responsible Party:	Not reported
RP Company:	Not reported
RP Address:	Not reported
RP City,St,Zip:	0
RP Phone:	0
RP Ext:	Not reported
RP Fax:	Not reported
ER Date:	Not reported
Delete:	No
Ground Water Professional ID:	0
Ground Water Professional Due Date:	/ /
Ground Water Professional Received Date:	01/19/98
Corrective Action Design Report Id:	0
Corrective Action Design Due Date:	Not reported
Corrective Action Design Record Date:	/ /

IA Hist Lust Status:

ID:	5584
Site Leak Number:	9LTG08
Discovered During:	Removal
Tanks Removed:	05
Leak Cause:	UNK

TIRE CITY (Continued) **U003126769**

Gas:	Yes
Diesel:	Not reported
Oil:	Not reported
Kerosene:	Not reported
Released Fuel Oil:	Not reported
Released Hydraulic Oil:	Not reported
Released Other Petroleum:	Not reported
Released Unknown:	Not reported
Released Non_Petroleum Chemical:	Not reported
Gallons Released:	UNK000000000
Leak Status:	Stopped
Loc Soil:	Yes
Loc Ground Water:	Not reported
Loc Surface Water:	Not reported
Loc Water Supply:	Not reported
Res Public Water Supply:	Not reported
Resources Water Well:	Not reported
Res Actual Drinking WW:	Not reported
Res Non-Drink WW:	Not reported
respotprtg:	Not reported
ressoil:	Not reported
Res Ground Water:	Not reported
Res Surface Water:	Not reported
Res Toxic Vapor:	Not reported
Res Explosive Vapor:	Not reported
Res Other:	Not reported
Res Impacted Soil:	Not reported
Res Impacted Ground Water:	Not reported
Res Impacted Water Well:	Not reported
Res Impacted Pub Water Supply:	Not reported
Res Impacted Surface Water:	Not reported
Res Impacted Toxic Vapor:	Not reported
Res Impacted Explosive Vapor:	Not reported
Res Impacted Other:	Not reported
Res Impacted Drinking WW:	Not reported
Res Impacted Non-Drink WW:	Not reported
Res Impacted Potential Non Drink WW:	Not reported
Officials Onsite Health:	Not reported
Officials Onsite Fire:	Not reported
Officials Onsite Law:	Not reported
Officials Onsite Civil:	Not reported
Officials Onsite None:	Not reported
Officials Onsite Unknown:	Not reported
Officials Onsite Other:	Not reported
AST:	Not reported
UST/LUST Other:	Not reported
Delete:	No

IA Hist Lust Cause:
Release Cause: Unknown

IA Hist Lust Misc:

Misc Due Date:	Not reported	Misc Rec Date:	Not reported
Misc Other:	Not reported	Misc Title:	Not reported

TIRE CITY (Continued) **U003126769**

IA Hist Lust Site Monitoring Report:

Site Monitoring Report Due Date:	Not reported
Site Monitoring Report Rec Date:	Not reported
Site Monitoring Report Reg Date:	Not reported
Site Monitoring Report Rejected Date:	Not reported
Site Monitoring Report Type:	Not reported
Reclassification Request Type:	Not reported
Site Monitoring Report Revd By:	Not reported
GW professional ID:	Not reported

IA Hist Lust Remediation:

Heat Treatment:	No
Land Application:	No
On Site:	No
Achieved Over-Excavation:	No
Soil Venting Passive:	No
Soil Venting Active:	No
Bioremediation Passive:	No
Bioremediation Active:	No
In Situ GW Treatment - Air Sparging:	No
Ground Water:	No
Fresh Water:	No
IGT - pH Adjustment:	No
Nutrient:	No
Oxygen:	No
Biological:	No
Permit Date:	Not reported
Other:	No
Surface Treatment - Carbon Absorption:	No
Biological:	No
ST Other:	No
TDT Sanitary Sewer:	No
TDT Storm Sewer:	No
Stream:	No
TDT Other:	No
Reduced Risk Plugged Well:	No
RR Replace:	No
RR Relocate:	No
RR Other:	No
Delete:	No

IA Hist Lust Free Product Recovery:

FPR Report Assesment Due:	Not reported
FPR Report Received:	Not reported
FPR Report Accepted:	Not reported
FPR Report Rejected:	Not reported
FPR Report Revised:	Not reported

IA Hist Lust Corrective Action Design Report:

Corrective Action Design Record Date:	Not reported
Corrective Action Design Received:	Not reported
Corrective Action Design Accepted:	Not reported
Corrective Action Design Rejected:	Not reported
Revised Report Received:	Not reported

TIRE CITY (Continued) **U003126769**

IA Hist Lust Tier 1 Report:

T1 Assesment Due:	Not reported
T1 Received:	4/7/98 0:00:00
Tier 1 Consultant Recommends:	Not reported
T1 Accepted:	6/19/98 0:00:00
T1 Rejected:	Not reported
T1 Revised:	Not reported
T1 Reviewed:	Not reported

IA Hist Lust Tier 2 Report:

T2 Assesment Due:	Not reported
T2 Received:	Not reported
T2 Accepted:	Not reported
T2 Rejected:	Not reported
T2 Reviewed:	Not reported

IA Hist Lust Tier 3 Report:

T3 Assesment Due:	Not reported
T3 Received:	Not reported
T3 Accepted:	Not reported
T3 Rejected:	Not reported

IA Hist Lust Administration:

ID:	5584
Owner Identified:	Yes
Responsible Party Found:	Yes
RP Date:	4/20/98 0:00:00
Owner Broke:	Yes
ER Date:	Not reported
Cost Recovery Start Dt:	Not reported
CR Notice of Intent Dt:	Not reported
CR Appeal of NOI Dt:	Not reported
CR Final Decision Dt:	Not reported
CR EP Comm Lien Approval Dt:	Not reported
CR Lien:	Not reported
CR Ten Yr Renewal Dt:	Not reported
CR Lien Named:	No
crtyrdate:	Not reported
CR Remediation:	Not reported
Delete:	No
CR Amnt Received:	Not reported
CR End Date:	Not reported

IA Hist Lust 28E:

Counter:	86
Staff Initials:	ERD
Type:	CONTRACTOR LIST
County:	POLK
Part Of State:	CENTRAL
Priority Number:	Not reported
Reason:	Closure
Responsible Party:	UNABLE TO PAY
rfpno:	USTCA9703-01
Removed:	Yes
Date Removed:	Not reported

TIRE CITY (Continued) **U003126769**

Field Office:	5.00
Newlist:	0
State Lead:	Contractor List
Access Letter Mailed:	Not reported
Owner Signed Access:	12/12/97 0:00:00
Signed Access to Contractor:	Not reported
Contractor Signed Access:	12/12/97 0:00:00
Final Access Mailed:	Not reported
nfr:	6/19/98 0:00:00
Start Date:	12/12/97 0:00:00

IA Hist Lust AO:

Seq Number:	196
Distribution:	Not reported
UST/LUST Other:	U
Order Type:	CLOSURE
Legal Ref Start:	Not reported
Division ADM Date:	Not reported
CE Bureau Date:	Not reported
AO Issue Date:	10/4/93 0:00:00
AO Number:	9322
Name Of Parties:	Not reported
Penalty Due Date:	Not reported
Penalty Amount:	$600.00
Penalty Paid Date:	Not reported
Penalty Amount Paid:	Not reported
AO Appeal Date:	Not reported
ALJ Decision Date:	Not reported
EPC Decision Date:	Not reported
Attorney Gen Ref Date:	Not reported
Final Court Decision:	Not reported
Case Number:	Not reported
County:	Not reported
Action Required:	Not reported
Compliance Due:	Not reported
In Compliance Date:	1/8/98 0:00:00
Removed:	No
Staff Initials:	Not reported

IA Hist Lust ATP:

Seq Number:	41
Last Name:	SIMMER
Priority Rank:	Not reported
Type:	U
Reason:	Closure, T1
ATP Due:	Not reported
ATP Letter:	06/05/92
Financial Documents Recvd:	01/31/94
Able/Unable To Pay:	Unable to pay
Final Letter:	3/14/1994 0:00
Project Complete:	No
RP Able to Pay:	No
Project Removed:	No
Staff Initials:	TC
Comment:	Contractor List.

TIRE CITY (Continued) **U003126769**

IA Hist Lust Contract:

Seq Number:	Not reported
Tank City:	Not reported
Staff Initials:	Not reported
Score:	Not reported
Scope Completed:	Not reported
Advertise:	Not reported
Receive Bids:	Not reported
Commission Approval:	Not reported
Contract Approved:	Not reported
Original Contract Amt:	Not reported
Change Orders:	Not reported
Paid to Date:	Not reported
SCR/CADR Received:	Not reported
SCR/CADR Approved:	Not reported
Contract:	Not reported

IA Hist Lust Bedrock Well:

ID:	Not reported
Category:	Not reported
Sample Water Supply:	Not reported
GIS Survey:	Not reported

IA Hist Lust Inst Control:

Inst Control Begin:	Not reported
Inst Control Type:	Not reported

IA Hist Lust Track:

ID:	5584
Site Assesment Start Date:	1/19/98 0:00:00
Free Product Recvry End Date:	Not reported
FP Letter Sent Date:	Not reported
FP Report Frequency:	Not reported
Assesment Report Due:	Not reported
Assesment Report Received:	Not reported
Assesment Report Approved:	Not reported
Achieved Over-Excavation:	Not reported
Release Not Verified Date:	Not reported
Ref to Contaminated Site Section:	Not reported
Cleanup Start Date:	6/19/98 0:00:00
Cleanup Complete Date:	6/19/98 0:00:00
Cleanup Report Due Date:	Not reported
Cleanup Report Received Date:	Not reported
Cleanup Report Approved Date:	Not reported
Check Report Due Date:	Not reported
Check Report Received Date:	Not reported
Check Report Rejected Date:	Not reported
Check Report Approved Date:	Not reported
Date Classified:	6/19/98 0:00:00
Risk Classification -NFA:	Yes
Class - Low Risk:	No
Class - High Risk:	No
Lust Current:	No Action Required
Tier 1 Consultant Recommends:	Not reported
T1 Actual GW Ingestion:	No

TIRE CITY (Continued) **U003126769**

T1 Poten GW Ingestion from Protected GW:	No
T1 Poten GW Ingestion from Protected GW:	No
T1 GW Vapor to Enclosed Space:	No
T1 GW to Plastic Water Line:	No
T1 Surface Water:	No
T1 Soil Leaching to GW:	No
T1 Soil Vapor to Enclosed Space:	No
T1 Soil to Plastic Line:	No
Tier 2 Consultant Recommends:	Not reported
T2 Actual GW Ingestion:	Not reported
T2 Poten GW Ingestion from Protected GW:	Not reported
T2 Poten GW Ingestion from Protected GW:	Not reported
T2 GW Vapor to Enclosed Space:	Not reported
T2 GW to Plastic Water Line:	Not reported
T2 SW General Use:	Not reported
T2 SW Designated Use:	Not reported
T2 Soil Leaching to GW:	Not reported
T2 Soil Vapor to Enclosed Space:	Not reported
T2 Soil to Plastic Line:	Not reported
Institutional Control Obtained:	No
NFA Certificate Sent:	4/20/99 0:00:00
No Action Required:	**No**
Priority Ranking:	Not reported
Delete:	No

UST:

Registration:	199417683

UST:

Registration:	199417683
Status Description:	Regulated tanks - r/f
Type Description:	Not reported
Tank Id:	42370
Install Date:	12/1/1900
Status Description:	Regulated tanks - r/f
Capacity:	1000
Content Description:	Kerosene
Registration:	199417683
Tank Id:	42368
Install Date:	12/1/1900
Status Description:	Regulated tanks - r/f
Capacity:	8000
Content Description:	Gasoline
Registration:	199417683
Tank Id:	42366
Install Date:	12/1/1900
Status Description:	Regulated tanks - r/f
Capacity:	1000
Content Description:	Gasoline
Registration:	199417683
Tank Id:	42367
Install Date:	12/1/1900

TIRE CITY (Continued) **U003126769**

Status Description: Regulated tanks - r/f
Capacity: 1000
Content Description: Gasoline

Registration: 199417683
Tank Id: 42369
Install Date: 12/1/1900
Status Description: Regulated tanks - r/f
Capacity: 4000
Content Description: Gasoline

HIST UST:

Tank Number:	001
Tank Status:	**Regulated tanks - r/f**
Tank Type:	Commercial
Tank Capacity:	1000
Currently In Use:	No
Tank Material and Construction:	Unknown
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported
Site Install Date:	12/1/00 0:00:00
Date Removed:	1/8/98 0:00:00
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	4/12/99 0:00:00
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Not reported
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported

TIRE CITY (Continued) **U003126769**

LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Not reported
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

Tank Number:	002
Tank Status:	**Regulated tanks - r/f**
Tank Type:	Commercial
Tank Capacity:	1000
Currently In Use:	No
Tank Material and Construction:	Unknown
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported
Site Install Date:	12/1/00 0:00:00
Date Removed:	1/8/98 0:00:00

TIRE CITY (Continued) **U003126769**

Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	4/12/99 0:00:00
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Not reported
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Not reported
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported

TIRE CITY (Continued) **U003126769**

PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

Tank Number:	003
Tank Status:	**Regulated tanks - r/f**
Tank Type:	Commercial
Tank Capacity:	8000
Currently In Use:	No
Tank Material and Construction:	Unknown
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported
Site Install Date:	12/1/00 0:00:00
Date Removed:	1/8/98 0:00:00
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	4/12/99 0:00:00
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Not reported
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported

TIRE CITY (Continued) **U003126769**

TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Not reported
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

Tank Number:	004
Tank Status:	**Regulated tanks - r/f**
Tank Type:	Commercial

TIRE CITY (Continued) **U003126769**

Tank Capacity:	4000
Currently In Use:	No
Tank Material and Construction:	Unknown
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported
Site Install Date:	12/1/00 0:00:00
Date Removed:	1/8/98 0:00:00
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	4/12/99 0:00:00
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Not reported
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Not reported
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported

TIRE CITY (Continued) **U003126769**

TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

Tank Number:	005
Tank Status:	**Regulated tanks - r/f**
Tank Type:	Commercial
Tank Capacity:	1000
Currently In Use:	No
Tank Material and Construction:	Unknown
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported
Site Install Date:	12/1/00 0:00:00
Date Removed:	1/8/98 0:00:00
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	4/12/99 0:00:00
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Not reported
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported

TIRE CITY (Continued) **U003126769**

TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Not reported
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported

TIRE CITY (Continued) **U003126769**

Manufacturer Checklist Completed: Not reported
Tanks/Pipes Tested for leaks during/after Install: Not reported
Other Installation: Not reported
Installer Cert. by LUST Board: Not reported
Installation Cert. by LUST Board Cert. Inspector: Not reported

Click this hyperlink while viewing on your computer to access additional IA HIST UST: detail in the EDR Site Report.

AT184 **TIRE CITY** **FINDS** **1011291367**
WNW **1538 SW ARMY POST RD** **N/A**
> 1 **DES MOINES, IA 50315**
1.556 mi.
8215 ft. **Site 2 of 3 in cluster AT**

Relative: Higher

Actual: 955 ft.

FINDS:

Registry ID: 110036310364

Environmental Interest/Information System
IDNR-EFD (Iowa Department Of Natural Resources - Emission Factor Documentation) provides information about existing emission factors

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AQ185 **C&K PRINTING INC** **RCRA-CESQG** **1001481567**
NNW **5311 SW 9TH ST** **FINDS** **IAD990676306**
> 1 **DES MOINES, IA 50315**
1.561 mi.
8244 ft. **Site 2 of 3 in cluster AQ**

Relative: Equal

Actual: 880 ft.

RCRA-CESQG:
Date form received by agency: 03/02/1999
Facility name: C&K PRINTING INC
Facility address: 5311 SW 9TH ST
DES MOINES, IA 503157216
EPA ID: IAD990676306
Mailing address: PO BOX 35291
DES MOINES, IA 503157216
Contact: Not reported
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 07
Land type: Private
Classification: Conditionally Exempt Small Quantity Generator
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely

C&K PRINTING INC (Continued) **1001481567**

hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:
Owner/operator name: CARL V SCHNOEBELEN
Owner/operator address: 5311 SW NINTH ST
DES MOINES, IA 50315
Owner/operator country: Not reported
Owner/operator telephone: (515) 285-2035
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: Unknown
Mixed waste (haz. and radioactive): Unknown
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: Unknown
Furnace exemption: Unknown
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Verified to be non-commercial

Historical Generators:
Date form received by agency: 02/20/1998
Facility name: C&K PRINTING INC
Classification: Conditionally Exempt Small Quantity Generator

Hazardous Waste Summary:
Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: F003
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT

C&K PRINTING INC (Continued) **1001481567**

NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: F003
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 03/02/1999
Evaluation: COMPLIANCE ASSISTANCE VISIT
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

FINDS:

Registry ID: 110005769114

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

AQ186 **LIVINGSTON'S AUTO** **RCRA-SQG** **1000257445**
NNW **5304 SW 9TH ST** **FINDS** **IAD096518303**
> 1 **DES MOINES, IA 50315**
1.565 mi.
8265 ft. **Site 3 of 3 in cluster AQ**

Relative:
Lower

Actual:
879 ft.

RCRA-SQG:

Date form received by agency:	01/13/1994
Facility name:	LIVINGSTON'S AUTO
Facility address:	5304 SW 9TH ST DES MOINES, IA 50315
EPA ID:	IAD096518303
Mailing address:	SW 9TH ST DES MOINES, IA 50315
Contact:	DENNIS LIVINGSTON
Contact address:	5304 SW 9TH ST DES MOINES, IA 50315
Contact country:	US
Contact telephone:	(515) 287-1372
Contact email:	Not reported
EPA Region:	07
Land type:	Private
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	LIVINGSTON, DENNIS & RICK
Owner/operator address:	100 SE BELL DES MOINES, IA 50315
Owner/operator country:	Not reported
Owner/operator telephone:	(515) 243-7749
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	Unknown
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No
Off-site waste receiver:	Verified to be non-commercial

LIVINGSTON'S AUTO (Continued) **1000257445**

Historical Generators:
Date form received by agency: 01/13/1994
Facility name: LIVINGSTON'S AUTO
Classification: Small Quantity Generator

Hazardous Waste Summary:
Waste code: D000
Waste name: Not Defined

Waste code: UOIL
Waste name: UOIL

Waste code: D000
Waste name: Not Defined

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D002
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Waste code: F002
Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F004
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: CRESOLS AND CRESYLIC ACID, AND NITROBENZENE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 01/13/1994

LIVINGSTON'S AUTO (Continued) **1000257445**

Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA Contractor/Grantee

FINDS:

Registry ID: 110005749672

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

AU187 **5955 NE 19TH ST** **HMIRS** **2008439236**
NE **5955 NE 19TH ST** **N/A**
> 1 **DES MOINES, IA**
1.572 mi.
8300 ft. **Site 1 of 20 in cluster AU**

Relative: Higher

Click this hyperlink while viewing on your computer to access additional HMIRS detail in the EDR Site Report.

Actual: 944 ft.

AU188 **5955 NE 19TH ST** **HMIRS** **2007445962**
NE **5955 NE 19TH ST** **N/A**
> 1 **DESMOINES, IA**
1.572 mi.
8300 ft. **Site 2 of 20 in cluster AU**

Relative: Higher

Click this hyperlink while viewing on your computer to access additional HMIRS detail in the EDR Site Report.

Actual: 944 ft.

AU189 **5955 NE 19TH ST** **HMIRS** **2007445973**
NE **5955 NE 19TH ST** **N/A**
> 1 **DESMOINES, IA**
1.572 mi.
8300 ft. **Site 3 of 20 in cluster AU**

Relative: Higher

Click this hyperlink while viewing on your computer to access additional HMIRS detail in the EDR Site Report.

Actual: 944 ft.

AU190 **5955 NE 19TH STREET** **HMIRS** **2007439683**
NE **5955 NE 19TH STREET** **N/A**
> 1 **DES MOINES, IA**
1.572 mi.
8300 ft. **Site 4 of 20 in cluster AU**

Relative: Higher

Click this hyperlink while viewing on your computer to access additional HMIRS detail in the EDR Site Report.

Actual: 944 ft.

AU191
NE
> 1
1.572 mi.
8300 ft.
5955 NE 19TH ST
5955 NE 19TH ST
DES MOINES, IA
Site 5 of 20 in cluster AU
HMIRS **2008455005**
N/A

Relative:
Higher

Actual:
944 ft.

Click this hyperlink while viewing on your computer to access additional HMIRS detail in the EDR Site Report.

AU192
NE
> 1
1.572 mi.
8300 ft.
5955 NE 19TH ST
5955 NE 19TH ST
DES MOINES, IA
Site 6 of 20 in cluster AU
HMIRS **2008439327**
N/A

Relative:
Higher

Actual:
944 ft.

Click this hyperlink while viewing on your computer to access additional HMIRS detail in the EDR Site Report.

AU193
NE
> 1
1.572 mi.
8300 ft.
5955 NE 19TH STREET
5955 NE 19TH STREET
DESMOINES, IA
Site 7 of 20 in cluster AU
HMIRS **2007442327**
N/A

Relative:
Higher

Actual:
944 ft.

Click this hyperlink while viewing on your computer to access additional HMIRS detail in the EDR Site Report.

AU194
NE
> 1
1.572 mi.
8300 ft.
5955 NE 19TH STREET
5955 NE 19TH STREET
DES MOINES, IA
Site 8 of 20 in cluster AU
HMIRS **2008439305**
N/A

Relative:
Higher

Actual:
944 ft.

Click this hyperlink while viewing on your computer to access additional HMIRS detail in the EDR Site Report.

AU195
NE
> 1
1.572 mi.
8300 ft.
5955 NE 19TH STREET
5955 NE 19TH STREET
DES MOINES, IA
Site 9 of 20 in cluster AU
HMIRS **2008448041**
N/A

Relative:
Higher

Actual:
944 ft.

Click this hyperlink while viewing on your computer to access additional HMIRS detail in the EDR Site Report.

AU196
NE
> 1
1.572 mi.
8300 ft.
5955 NE 19TH ST
5955 NE 19TH ST
DES MOINES, IA
Site 10 of 20 in cluster AU
HMIRS **2008427370**
N/A

Relative:
Higher

Actual:
944 ft.

Click this hyperlink while viewing on your computer to access additional HMIRS detail in the EDR Site Report.

AU197
NE
> 1
1.572 mi.
8300 ft.
5955 NE 19TH ST
5955 NE 19TH ST
DES MOINES, IA
Site 11 of 20 in cluster AU

HMIRS **2007438230**
N/A

Relative:
Higher

Actual:
944 ft.

Click this hyperlink while viewing on your computer to access additional HMIRS detail in the EDR Site Report.

AU198
NE
> 1
1.572 mi.
8300 ft.
5955 NE 19TH ST
5955 NE 19TH ST
DES MOINES, IA
Site 12 of 20 in cluster AU

HMIRS **2008438519**
N/A

Relative:
Higher

Actual:
944 ft.

Click this hyperlink while viewing on your computer to access additional HMIRS detail in the EDR Site Report.

AU199
NE
> 1
1.572 mi.
8300 ft.
5955 NE 19TH STREET
5955 NE 19TH STREET
DES MOINES, IA
Site 13 of 20 in cluster AU

HMIRS **2007441838**
N/A

Relative:
Higher

Actual:
944 ft.

Click this hyperlink while viewing on your computer to access additional HMIRS detail in the EDR Site Report.

AU200
NE
> 1
1.572 mi.
8300 ft.
5955 NE 19TH STREET
5955 NE 19TH STREET
DES MOINES, IA
Site 14 of 20 in cluster AU

HMIRS **2008449243**
N/A

Relative:
Higher

Actual:
944 ft.

Click this hyperlink while viewing on your computer to access additional HMIRS detail in the EDR Site Report.

AU201
NE
> 1
1.572 mi.
8300 ft.
5955 NE 19TH STREET
5955 NE 19TH STREET
DES MOINES, IA
Site 15 of 20 in cluster AU

HMIRS **2008434868**
N/A

Relative:
Higher

Actual:
944 ft.

Click this hyperlink while viewing on your computer to access additional HMIRS detail in the EDR Site Report.

AU202
NE
> 1
1.572 mi.
8300 ft.
5955 NE 19TH ST
5955 NE 19TH ST
DES MOINES, IA
Site 16 of 20 in cluster AU

HMIRS **2008441327**
N/A

Relative:
Higher

Actual:
944 ft.

Click this hyperlink while viewing on your computer to access additional HMIRS detail in the EDR Site Report.

AU203 **5955 NE 19TH ST** **HMIRS** **2008431064**
NE **5955 NE 19TH ST** **N/A**
> 1 **DES MOINES, IA**
1.572 mi.
8300 ft. **Site 17 of 20 in cluster AU**

Relative:
Higher

Click this hyperlink while viewing on your computer to access additional HMIRS detail in the EDR Site Report.

Actual:
944 ft.

AU204 **5955 NE 19TH STREET** **HMIRS** **2008427341**
NE **5955 NE 19TH STREET** **N/A**
> 1 **DES MOINES, IA**
1.572 mi.
8300 ft. **Site 18 of 20 in cluster AU**

Relative:
Higher

Click this hyperlink while viewing on your computer to access additional HMIRS detail in the EDR Site Report.

Actual:
944 ft.

AU205 **CCX SERVICE CENTER** **UST** **U004134739**
NE **5955 NE 19TH STREET** **N/A**
> 1 **DES MOINES, IA 50313**
1.572 mi.
8300 ft. **Site 19 of 20 in cluster AU**

Relative:
Higher

UST:
Registration: 200700002

Actual:
944 ft.

UST:
Registration: 200700002
Status Description: Regulated tanks - active
Type Description: Private/Corporate

Tank Id: 44091
Install Date: 11/1/2005
Status Description: Regulated tank - active
Capacity: 2500
Content Description: New Oil

Registration: 200700002
Tank Id: 44090
Install Date: 11/1/2005
Status Description: Regulated tank - active
Capacity: 10000
Content Description: Diesel

Registration: 200700002
Tank Id: 44088
Install Date: 11/1/2005
Status Description: Regulated tank - active
Capacity: 20000
Content Description: Diesel

Registration: 200700002
Tank Id: 44089
Install Date: 11/1/2005
Status Description: Regulated tank - active
Capacity: 20000
Content Description: Diesel

AU206
NE
> 1
1.572 mi.
8300 ft.

5955 NE 19TH STREET
5955 NE 19TH STREET
DES MOINES, IA

Site 20 of 20 in cluster AU

HMIRS **2007442326**
N/A

Relative:
Higher

Actual:
944 ft.

Click this hyperlink while viewing on your computer to access additional HMIRS detail in the EDR Site Report.

AV207
NNE
> 1
1.582 mi.
8351 ft.

WALMART SUPERCENTER 1723
5101 SE 14TH ST
DES MOINES, IA 50320

Site 1 of 2 in cluster AV

FINDS **1010459605**
N/A

Relative:
Lower

Actual:
872 ft.

FINDS:

Registry ID: 110031363487

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

AV208
NNE
> 1
1.582 mi.
8351 ft.

WALMART SUPERCENTER 1723
5101 SE 14TH ST
DES MOINES, IA 50320

Site 2 of 2 in cluster AV

RCRA-SQG **1010316756**
IAR000507129

Relative:
Lower

Actual:
872 ft.

RCRA-SQG:

Date form received by agency:	12/30/2009
Facility name:	WALMART SUPERCENTER 1723
Facility address:	5101 SE 14TH ST DES MOINES, IA 50320
EPA ID:	IAR000507129
Mailing address:	P O BOX 8041 BENTONVILLE, AR 72712-8041
Contact:	TERESA PRUITT
Contact address:	P O BOX 8041 BENTONVILLE, AR 72712-8041
Contact country:	US
Contact telephone:	479-204-2231
Contact email:	TERESA.PRUITT@WAL-MART.COM
EPA Region:	07
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	WAL-MART STORES INC

WALMART SUPERCENTER 1723 (Continued) **1010316756**

Owner/operator address: P O BOX 8041
BENTONVILLE, AR 72712
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 10/24/2001
Owner/Op end date: Not reported

Owner/operator name: WAL-MART STORES INC
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 10/24/2001
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Universal Waste Summary:
Waste type: Batteries
Accumulated waste on-site: No
Generated waste on-site: Not reported

Waste type: Lamps
Accumulated waste on-site: No
Generated waste on-site: Not reported

Waste type: Pesticides
Accumulated waste on-site: No
Generated waste on-site: Not reported

Waste type: Thermostats
Accumulated waste on-site: No
Generated waste on-site: Not reported

Historical Generators:
Date form received by agency: 12/08/2008

WALMART SUPERCENTER 1723 (Continued) **1010316756**

Facility name: WALMART SUPERCENTER 1723
Site name: WAL-MART SUPERCENTER 1723
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 06/15/2006
Facility name: WALMART SUPERCENTER 1723
Site name: WAL-MART SUPERCENTER 1723
Classification: Conditionally Exempt Small Quantity Generator

Hazardous Waste Summary:

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D002
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Waste code: D003
Waste name: A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE OF SUCH WASTE WOULD BY WASTE GUNPOWDER.

Waste code: D004
Waste name: ARSENIC

Waste code: D005
Waste name: BARIUM

Waste code: D006
Waste name: CADMIUM

Waste code: D007
Waste name: CHROMIUM

Waste code: D008
Waste name: LEAD

Waste code: D009
Waste name: MERCURY

Waste code: D011
Waste name: SILVER

Waste code: D016

WALMART SUPERCENTER 1723 (Continued) **1010316756**

Waste name: 2,4-D

Waste code: D018
Waste name: BENZENE

Waste code: D022
Waste name: CHLOROFORM

Waste code: D026
Waste name: CRESOL

Waste code: D027
Waste name: 1,4-DICHLOROBENZENE

Waste code: D035
Waste name: METHYL ETHYL KETONE

Waste code: D039
Waste name: TETRACHLOROETHYLENE

Waste code: U002
Waste name: ACETONE (I)

Waste code: U072
Waste name: BENZENE, 1,4-DICHLORO-

Waste code: U080
Waste name: METHANE, DICHLORO-

Waste code: U154
Waste name: METHANOL (I)

Waste code: U159
Waste name: 2-BUTANONE (I,T)

Waste code: U165
Waste name: NAPHTHALENE

Waste code: U249
Waste name: ZINC PHOSPHIDE ZN3P2, WHEN PRESENT AT CONCENTRATIONS OF 10% OR LESS

Waste code: U279
Waste name: CARBARYL (OR) 1-NAPHTHALENOL, METHYLCARBAMATE

Waste code: U409
Waste name: CARBAMIC ACID, [1,2-PHENYLENEBIS (IMINOCARBONOTHIOYL)]BIS-, DIMETHYL ESTER (OR) THIOPHANATE-METHYL

Waste code: U411
Waste name: PHENOL, 2-(1-METHYLETHOXY)-, METHYLCARBAMATE (OR) PROPOXUR

Violation Status: No violations found

AT209
WNW
> 1
1.602 mi.
8459 ft.

1608 ARMY POST
DES MOINES, IA

Site 3 of 3 in cluster AT

SPILLS **S105472048**
N/A

Relative:
Higher

Actual:
952 ft.

SPILL:

Facility ID:	062502-CWO-2234
Reported Date:	6/25/2002
Reported Time:	10:34:00 PM
Taken By:	Clark Ott
Spill Date:	6/25/2002
Spill Time:	10:00:00 PM
6 hr Letter:	FALSE
Continuous Release:	FALSE
Incident Location:	Not reported
Incident Mode:	Transportation
Incident Type:	Petroleum
Incident Medium Land:	TRUE
Incident Medium Water:	FALSE
Incident Medium Air:	FALSE
Initial Instructions:	Hazmat used absorbents and pumped up material. It was recommended that the liquid be taken to the Regional Collection Center.
Events:	A rear-ended vehicle lost product on the pavement.

210
NNW
> 1
1.620 mi.
8553 ft.

SPRING / SW 9TH.
DES MOINES, IA

SPILLS **S105272178**
N/A

Relative:
Lower

Actual:
864 ft.

SPILL:

Facility ID:	060700-KAL-1055
Reported Date:	6/7/2000
Reported Time:	10:55:00 AM
Taken By:	Kathy Lee
Spill Date:	6/7/2000
Spill Time:	10:20:00 AM
6 hr Letter:	FALSE
Continuous Release:	FALSE
Incident Location:	Not reported
Incident Mode:	Handling And Storage
Incident Type:	Organic Chemical
Incident Medium Land:	FALSE
Incident Medium Water:	TRUE
Incident Medium Air:	FALSE
Initial Instructions:	The material was determined to be filter bashwash from the south side pool.
Events:	A city sewer crew discovered a white material flowing out of a storm sewer into Yeader Creek. At this time, the DM Hazmat Team and the city crew are walking the area trying to determine where the release is coming from. The pH of a sample collected from t

211
WNW
> 1
1.625 mi.
8582 ft.

CAMELOT CLEANERS-FORMER SITE OF
1611 ARMY POST RD
DES MOINES, IA 50315

RCRA-NonGen
FINDS

1000205323
IAD981498462

Relative:
Higher

Actual:
952 ft.

RCRA-NonGen:

Date form received by agency:	02/11/1994
Facility name:	CAMELOT CLEANERS-FORMER SITE OF
Facility address:	1611 ARMY POST RD DES MOINES, IA 50315
EPA ID:	IAD981498462
Mailing address:	SE 14TH STREET DES MOINES, IA 50320
Contact:	RUTH BURKARD
Contact address:	4121 SE 14TH STREET DES MOINES, IA 50320
Contact country:	US
Contact telephone:	(515) 285-7967
Contact email:	Not reported
EPA Region:	07
Land type:	Private
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	WAYNE EDSALL
Owner/operator address:	4121 SE 14TH DES MOINES, IA 50320
Owner/operator country:	Not reported
Owner/operator telephone:	(515) 287-1835
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	Unknown
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No
Off-site waste receiver:	Verified to be non-commercial

Historical Generators:

Date form received by agency:	02/07/1994
Facility name:	CAMELOT CLEANERS-FORMER SITE OF
Classification:	Not a generator, verified

CAMELOT CLEANERS-FORMER SITE OF (Continued) **1000205323**

Hazardous Waste Summary:
Waste code: NONE
Waste name: None

Waste code: NONE
Waste name: None

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 09/07/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

Evaluation date: 02/07/1994
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA Contractor/Grantee

FINDS:

Registry ID: 110001763583

Environmental Interest/Information System

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

AW212 **WILSHIRE MOBILE HOME COURT** **NPDES** **S108269518**
South **2714 100TH AVENUE** **N/A**
> 1 **NORWALK, IA 50211**
1.679 mi.
8867 ft. **Site 1 of 2 in cluster AW**

Relative:
Lower

Actual:
0 ft.

NPDES:
Npdes Permit Number: 9100601
Epa Npdes Id Number: 0067903
Permit Expiration Date: 5/21/2013

WILSHIRE MOBILE HOME COURT (Continued) **S108269518**

Facility Name:	WILSHIRE MOBILE HOME COURT
Facility Address1:	2714 100TH AVENUE
Facility City:	NORWALK
Facility Phone Number:	(515) 289-2345
Facility Type:	SEMI-PUBLIC
Facility Class:	MINOR
Standard Industrial Classification Code:	6515
Owner Name:	WILSHIRE MOBILE HOME COURT
Owner Add1:	2714 100TH AVENUE
Owner Add2:	Not reported
Owner City:	NORWALK
Owner State:	IA
Owner Zip:	50211-0000
Owner Phone:	(515)289-2345
Indr Regional/Field Office Number:	5
Section:	9
Township:	77
Range:	24
Design:	1
Latitude Degree:	41.486670000000
Longitude Degree:	-93.61722000000
River Basin:	DES MOINES RIVER BELOW THE RACCOON TO WHITEBREST CREEK
Nearest City:	NORWALK
Type Of Treatment:	WASTE STABILIZATION LAGOON
Design Population Equivalent:	126
Design Biochemical Oxygen Demand:	21
Design Avg Dry Weather Flow (Mll Glns Per Dy):	0
Design Avg Wet Weather Flow (Mll Glns Per Dy):	0.0123
Operator Certification Facility Type:	Not reported
Operator Certification Facility Grade:	Not reported

AW213 **WILSHIRE MOBILE HOME CT** **FINDS** **1004466098**
South **2714 100TH AVENUE** **N/A**
> 1 **NORWALK, IA 50211**
1.679 mi.
8867 ft. **Site 2 of 2 in cluster AW**

Relative:
Lower

Actual:
0 ft.

FINDS:

Registry ID: 110010030705

Environmental Interest/Information System

IDNR-EFD (Iowa Department Of Natural Resources - Emission Factor Documentation) provides information about existing emission factors

PCS (Permit Compliance System) is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

214
North
> 1
1.684 mi.
8891 ft.

108 MCKINLEY AVE
108 MCKINLEY AVE
DES MOINES, IA 50315

ERNS **93301911**
N/A

Relative:
Higher

Actual:
928 ft.

Click this hyperlink while viewing on your computer to access additional ERNS detail in the EDR Site Report.

AX215
ENE
> 1
1.685 mi.
8896 ft.

BUDGET RENT-A-CAR
2110 ARMY POST RD
DES MOINES, IA 50320
Site 1 of 4 in cluster AX

FINDS **1011292311**
N/A

Relative:
Higher

Actual:
921 ft.

FINDS:

Registry ID: 110036333189

Environmental Interest/Information System
IDNR-EFD (Iowa Department Of Natural Resources - Emission Factor Documentation) provides information about existing emission factors

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AX216
ENE
> 1
1.685 mi.
8896 ft.

BUDGET RENT-A-CAR
2110 ARMY POST RD
DES MOINES, IA 50320
Site 2 of 4 in cluster AX

LUST **S106058724**
HIST LUST **N/A**

Relative:
Higher

Actual:
921 ft.

LUST:

Registration:	197900054
Leak Number:	7LTY66
Date Reported:	4/5/1985
Date Cleanup Started:	5/19/1988
Date Cleanup Completed:	7/17/1997
Record Description:	No Action Required
Product Description:	Gasoline

HIST LUST:

Facility ID:	197900054
Leak Number:	7LTY66
Leak Entry Date:	04/06/90
Spill Number:	04055-RK-1920
Occur Date:	Not reported
Occur Time:	Not reported
Discover Date:	Not reported
Discover Time:	Not reported
Facility Addr 2:	Not reported
Facility Phone:	Not reported
Facility Fax1:	Not reported
Facility Fax2:	Not reported
Owner Name:	CITY OF DES MOINES
Owner Type:	Municipal
Owner Addr:	E 1ST & LOCUST
Owner City,St,Zip:	DES MOINES, IA 503090000
Owner Phone:	0000000000
Owner Fax:	Not reported

BUDGET RENT-A-CAR (Continued) **S106058724**

Lead:	Responsible Party
Coordinator:	ERD
Staff Initials:	Not reported
Leak Contact:	Not reported
Leak Address:	Not reported
Leak City,St,Zip:	0
Leak Phone:	0
Record Name:	HICKS
Record Date:	4/3/1990 0:00
Record Location:	Lust
Reporter Name:	GEORGE MCCUNE
Reporter Business:	BUDGET RENT-A-CAR
Reporter Date:	04/05/85
Reporter Addr:	2110 E ARMY POST RD
Rprtr City,St,Zip:	DES MOINES, IA 503200000
Reporter Phone:	0
Responsible Party:	THOMAS TUNNICLIFF
RP Company:	ATLANTIC RICHFIELD CO
RP Address:	2240 BLUESTONE DR
RP City,St,Zip:	ST CHARLES, MO 63303
RP Phone:	0
RP Ext:	Not reported
RP Fax:	Not reported
ER Date:	Not reported
Delete:	No
Ground Water Professional ID:	0
Ground Water Professional Due Date:	08/27/92
Ground Water Professional Received Date:	08/27/92
Corrective Action Design Report Id:	0
Corrective Action Design Due Date:	Not reported
Corrective Action Design Record Date:	/ /

IA Hist Lust Status:

ID:	47
Site Leak Number:	7LTY66
Discovered During:	Other
Tanks Removed:	0
Leak Cause:	Not reported
Gas:	Yes
Diesel:	Not reported
Oil:	Not reported
Kerosene:	Not reported
Released Fuel Oil:	Not reported
Released Hydraulic Oil:	Not reported
Released Other Petroleum:	Not reported
Released Unknown:	Not reported
Released Non_Petroleum Chemical:	Not reported
Gallons Released:	000000000000
Leak Status:	Stopped
Loc Soil:	Yes
Loc Ground Water:	Yes
Loc Surface Water:	Not reported
Loc Water Supply:	Not reported
Res Public Water Supply:	Not reported
Resources Water Well:	Not reported
Res Actual Drinking WW:	Not reported
Res Non-Drink WW:	Not reported
respotprtg:	Not reported

BUDGET RENT-A-CAR (Continued) **S106058724**

ressoil:	Not reported
Res Ground Water:	Not reported
Res Surface Water:	Not reported
Res Toxic Vapor:	Not reported
Res Explosive Vapor:	Not reported
Res Other:	Not reported
Res Impacted Soil:	Not reported
Res Impacted Ground Water:	Not reported
Res Impacted Water Well:	Not reported
Res Impacted Pub Water Supply:	Not reported
Res Impacted Surface Water:	Not reported
Res Impacted Toxic Vapor:	Not reported
Res Impacted Explosive Vapor:	Not reported
Res Impacted Other:	Not reported
Res Impacted Drinking WW:	Not reported
Res Impacted Non-Drink WW:	Not reported
Res Impacted Potential Non Drink WW:	Not reported
Officials Onsite Health:	Not reported
Officials Onsite Fire:	Not reported
Officials Onsite Law:	Not reported
Officials Onsite Civil:	Not reported
Officials Onsite None:	Not reported
Officials Onsite Unknown:	Yes
Officials Onsite Other:	Not reported
AST:	Not reported
UST/LUST Other:	Not reported
Delete:	No

IA Hist Lust Cause:

Release Cause:	Not reported

IA Hist Lust HICA:

Leak Number:	7LTY66
Registration Number:	197900054
Date CorrectiveActionDesign Report(CADR) Rec:	Not reported
Date CADR Due:	Not reported
Date CADR Approved:	5/19/1988 0:00
Date CADR Rejected:	Not reported
Date CADR Remediation Started:	Not reported
Date CADR Remediation Completed:	Not reported
Staff CADR Reviewed By:	Not reported

IA Hist Lust Misc:

Misc Due Date:	Not reported	Misc Rec Date:	Not reported
Misc Other:	Not reported	Misc Title:	Not reported

IA Hist Lust Site Monitoring Report:

Site Monitoring Report Due Date:	Not reported
Site Monitoring Report Rec Date:	Not reported
Site Monitoring Report Reg Date:	Not reported
Site Monitoring Report Rejected Date:	Not reported
Site Monitoring Report Type:	Not reported
Reclassification Request Type:	Not reported
Site Monitoring Report Revd By:	Not reported
GW professional ID:	Not reported

BUDGET RENT-A-CAR (Continued) **S106058724**

IA Hist Lust Remediation:

Heat Treatment:	No
Land Application:	No
On Site:	No
Achieved Over-Excavation:	No
Soil Venting Passive:	No
Soil Venting Active:	No
Bioremediation Passive:	No
Bioremediation Active:	No
In Situ GW Treatment - Air Sparging:	No
Ground Water:	No
Fresh Water:	No
IGT - pH Adjustment:	No
Nutrient:	No
Oxygen:	No
Biological:	No
Permit Date:	Not reported
Other:	No
Surface Treatment - Carbon Absorption:	No
Biological:	No
ST Other:	No
TDT Sanitary Sewer:	No
TDT Storm Sewer:	No
Stream:	No
TDT Other:	No
Reduced Risk Plugged Well:	No
RR Replace:	No
RR Relocate:	No
RR Other:	No
Delete:	No

IA Hist Lust Free Product Recovery:

FPR Report Assesment Due:	Not reported
FPR Report Received:	Not reported
FPR Report Accepted:	Not reported
FPR Report Rejected:	Not reported
FPR Report Revised:	Not reported

IA Hist Lust Corrective Action Design Report:

Corrective Action Design Record Date:	Not reported
Corrective Action Design Received:	Not reported
Corrective Action Design Accepted:	Not reported
Corrective Action Design Rejected:	Not reported
Revised Report Received:	Not reported

IA Hist Lust Tier 1 Report:

T1 Assesment Due:	Not reported
T1 Received:	5/6/97 0:00:00
Tier 1 Consultant Recommends:	Not reported
T1 Accepted:	7/17/97 0:00:00
T1 Rejected:	Not reported
T1 Revised:	Not reported
T1 Reviewed:	Not reported

BUDGET RENT-A-CAR (Continued) **S106058724**

IA Hist Lust Tier 2 Report:

T2 Assesment Due:	Not reported
T2 Received:	Not reported
T2 Accepted:	Not reported
T2 Rejected:	Not reported
T2 Reviewed:	Not reported

IA Hist Lust Tier 3 Report:

T3 Assesment Due:	Not reported
T3 Received:	Not reported
T3 Accepted:	Not reported
T3 Rejected:	Not reported

IA Hist Lust Administration:

ID:	47
Owner Identified:	Yes
Responsible Party Found:	Yes
RP Date:	4/5/90 0:00:00
Owner Broke:	Yes
ER Date:	4/5/85 0:00:00
Cost Recovery Start Dt:	Not reported
CR Notice of Intent Dt:	Not reported
CR Appeal of NOI Dt:	Not reported
CR Final Decision Dt:	Not reported
CR EP Comm Lien Approval Dt:	Not reported
CR Lien:	Not reported
CR Ten Yr Renewal Dt:	Not reported
CR Lien Named:	No
crtyrdate:	Not reported
CR Remediation:	Not reported
Delete:	No
CR Amnt Received:	Not reported
CR End Date:	Not reported

IA Hist Lust 28E:

Counter:	Not reported
Staff Initials:	Not reported
Type:	Not reported
County:	Not reported
Part Of State:	Not reported
Priority Number:	Not reported
Reason:	Not reported
Responsible Party:	Not reported
rfpno:	Not reported
Removed:	Not reported
Date Removed:	Not reported
Field Office:	Not reported
Newlist:	Not reported
State Lead:	Not reported
Access Letter Mailed:	Not reported
Owner Signed Access:	Not reported
Signed Access to Contractor:	Not reported
Contractor Signed Access:	Not reported
Final Access Mailed:	Not reported
nfr:	Not reported

BUDGET RENT-A-CAR (Continued) **S106058724**

Start Date: Not reported

IA Hist Lust AO:
Seq Number: Not reported
Distribution: Not reported
UST/LUST Other: Not reported
Order Type: Not reported
Legal Ref Start: Not reported
Division ADM Date: Not reported
CE Bureau Date: Not reported
AO Issue Date: Not reported
AO Number: Not reported
Name Of Parties: Not reported
Penalty Due Date: Not reported
Penalty Amount: Not reported
Penalty Paid Date: Not reported
Penalty Amount Paid: Not reported
AO Appeal Date: Not reported
ALJ Decision Date: Not reported
EPC Decision Date: Not reported
Attorney Gen Ref Date: Not reported
Final Court Decision: Not reported
Case Number: Not reported
County: Not reported
Action Required: Not reported
Compliance Due: Not reported
In Compliance Date: Not reported
Removed: Not reported
Staff Initials: Not reported

IA Hist Lust ATP:
Seq Number: Not reported
Last Name: Not reported
Priority Rank: Not reported
Type: Not reported
Reason: Not reported
ATP Due: Not reported
ATP Letter: Not reported
Financial Documents Recvd: Not reported
Able/Unable To Pay: Not reported
Final Letter: Not reported
Project Complete: Not reported
RP Able to Pay: Not reported
Project Removed: Not reported
Staff Initials: Not reported
Comment: Not reported

IA Hist Lust Contract:
Seq Number: Not reported
Tank City: Not reported
Staff Initials: Not reported
Score: Not reported
Scope Completed: Not reported
Advertise: Not reported
Receive Bids: Not reported
Commission Approval: Not reported

BUDGET RENT-A-CAR (Continued) **S106058724**

Contract Approved:	Not reported
Original Contract Amt:	Not reported
Change Orders:	Not reported
Paid to Date:	Not reported
SCR/CADR Received:	Not reported
SCR/CADR Approved:	Not reported
Contract:	Not reported

IA Hist Lust Bedrock Well:

ID:	Not reported
Category:	Not reported
Sample Water Supply:	Not reported
GIS Survey:	Not reported

IA Hist Lust Inst Control:

Inst Control Begin:	Not reported
Inst Control Type:	Not reported

IA Hist Lust Track:

ID:	47
Site Assesment Start Date:	1/21/88 0:00:00
Free Product Recvry End Date:	Not reported
FP Letter Sent Date:	Not reported
FP Report Frequency:	Not reported
Assesment Report Due:	Not reported
Assesment Report Received:	Not reported
Assesment Report Approved:	Not reported
Achieved Over-Excavation:	Not reported
Release Not Verified Date:	Not reported
Ref to Contaminated Site Section:	Not reported
Cleanup Start Date:	5/19/88 0:00:00
Cleanup Complete Date:	7/17/97 0:00:00
Cleanup Report Due Date:	Not reported
Cleanup Report Received Date:	Not reported
Cleanup Report Approved Date:	Not reported
Check Report Due Date:	Not reported
Check Report Received Date:	Not reported
Check Report Rejected Date:	Not reported
Check Report Approved Date:	Not reported
Date Classified:	7/17/97 0:00:00
Risk Classification -NFA:	Yes
Class - Low Risk:	No
Class - High Risk:	No
Lust Current:	No Action Required
Tier 1 Consultant Recommends:	Not reported
T1 Actual GW Ingestion:	No
T1 Poten GW Ingestion from Protected GW:	No
T1 Poten GW Ingestion from Protected GW:	No
T1 GW Vapor to Enclosed Space:	No
T1 GW to Plastic Water Line:	No
T1 Surface Water:	No
T1 Soil Leaching to GW:	No
T1 Soil Vapor to Enclosed Space:	No
T1 Soil to Plastic Line:	No
Tier 2 Consultant Recommends:	Not reported
T2 Actual GW Ingestion:	Not reported

BUDGET RENT-A-CAR (Continued) **S106058724**

T2 Poten GW Ingestion from Protected GW:	Not reported
T2 Poten GW Ingestion from Protected GW:	Not reported
T2 GW Vapor to Enclosed Space:	Not reported
T2 GW to Plastic Water Line:	Not reported
T2 SW General Use:	Not reported
T2 SW Designated Use:	Not reported
T2 Soil Leaching to GW:	Not reported
T2 Soil Vapor to Enclosed Space:	Not reported
T2 Soil to Plastic Line:	Not reported
Institutional Control Obtained:	No
NFA Certificate Sent:	Not reported
No Action Required:	**No**
Priority Ranking:	Not reported
Delete:	No

217
NW
> 1
1.703 mi.
8994 ft.

PRIVATE RESIDENCE OF ROBERT ROTAN **RCRA-NonGen** **1000219211**
1507 HIGHVIEW **FINDS** **IAD981498280**
DES MOINES, IA 50315

Relative:
Higher

Actual:
952 ft.

RCRA-NonGen:

Date form received by agency:	01/19/1994
Facility name:	PRIVATE RESIDENCE OF ROBERT ROTAN
Facility address:	1507 HIGHVIEW DES MOINES, IA 50315
EPA ID:	IAD981498280
Mailing address:	HIGHVIEW DES MOINES, IA 50315
Contact:	ROBERT ROTAN
Contact address:	1507 HIGHVIEW DES MOINES, IA 50315
Contact country:	US
Contact telephone:	(515) 285-5876
Contact email:	Not reported
EPA Region:	07
Land type:	Private
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	ROBERT ROTAN
Owner/operator address:	1507 HIGHVIEW DES MOINES, IA 50315
Owner/operator country:	Not reported
Owner/operator telephone:	(515) 285-5876
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	Unknown
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No

PRIVATE RESIDENCE OF ROBERT ROTAN (Continued) **1000219211**

Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Verified to be non-commercial

Historical Generators:
Date form received by agency: 01/17/1994
Facility name: PRIVATE RESIDENCE OF ROBERT ROTAN
Classification: Not a generator, verified

Hazardous Waste Summary:
Waste code: NONE
Waste name: None

Waste code: NONE
Waste name: None

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 01/19/1994
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA Contractor/Grantee

FINDS:

Registry ID: 110005753318

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

AY218
NNE
> 1
1.705 mi.
9003 ft.

HOME DEPOT HD2104
4900 SE 14TH ST
DES MOINES, IA 50320

Site 1 of 3 in cluster AY

FINDS **1007733520**
N/A

Relative:
Lower

Actual:
848 ft.

FINDS:

Registry ID: 110018904738

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

AY219
NNE
> 1
1.705 mi.
9003 ft.

HOME DEPOT HD2104
4900 SE 14TH ST
DES MOINES, IA 50320

Site 2 of 3 in cluster AY

RCRA-SQG **1007569878**
IAR000503532

Relative:
Lower

Actual:
848 ft.

RCRA-SQG:

Date form received by agency:	05/02/2007
Facility name:	HOME DEPOT HD2104
Facility address:	4900 SE 14TH ST DES MOINES, IA 50320-1604
EPA ID:	IAR000503532
Mailing address:	ASTON AVE STE 100 CARLSBAD, CA 92008
Contact:	MELAINE KOSKE
Contact address:	ASTON AVE STE 100 CARLSBAD, CA 92008
Contact country:	US
Contact telephone:	760-602-8700
Contact email:	Not reported
EPA Region:	07
Land type:	Private
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	HOME DEPOT USA
Owner/operator address:	PACES FERRY RD D-17 ATLANTA, GA 30339
Owner/operator country:	US
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	07/22/1999
Owner/Op end date:	Not reported

HOME DEPOT HD2104 (Continued) **1007569878**

Owner/operator name: HOME DEPOT USA
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 07/22/1999
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Historical Generators:
Date form received by agency: 01/12/2006
Facility name: HOME DEPOT HD2104
Classification: Small Quantity Generator

Date form received by agency: 06/18/2005
Facility name: HOME DEPOT HD2104
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 04/06/2005
Facility name: HOME DEPOT HD2104
Site name: HOME DEPOT 2104
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 08/10/2004
Facility name: HOME DEPOT HD2104
Site name: HOME DEPOT 2104
Classification: Conditionally Exempt Small Quantity Generator

Hazardous Waste Summary:
Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

HOME DEPOT HD2104 (Continued) **1007569878**

Waste code: D002
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Waste code: D006
Waste name: CADMIUM

Waste code: D009
Waste name: MERCURY

Waste code: D016
Waste name: 2,4-D

Waste code: D018
Waste name: BENZENE

Waste code: D035
Waste name: METHYL ETHYL KETONE

Waste code: F003
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F005
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 04/06/2005
Evaluation: COMPLIANCE ASSISTANCE VISIT
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

AY220 **HOME DEPOT #2104** **TIER 2** **S109946660**
NNE **4900 SE 14TH STREET** **N/A**
> 1 **DES MOINES, IA 50320**
1.705 mi.
9003 ft. **Site 3 of 3 in cluster AY**

Relative:
Lower

Actual:
848 ft.

TIER 2:

State Id:	IA
Report Year:	2009
Fire District:	Des Moines Fire Department
Site Map:	T
Date Signed:	2010-02-09T12:49:24
Date Modified:	2010-02-09T12:49:02
Site Coord Abbreviation:	F
Latitude:	41.53895
Longitude:	-93.596800000000002
Dike Or Other Safeguard:	F
Mailing Address:	160 CHURCH ROAD, SUITE 201
Mail City:	MANCHESTER
Mail State:	CT
Mail Zip:	06042
Mail Country:	US
Notes:	Not reported

Facility:

Record Key:	FDIDSIT2B40004677
Facility Record Id:	FAIDSIT2A00004677
Id:	Not reported
Description:	EIN #
Last Modified:	2010-02-09T12:49:02
Record Key:	FDIDSIT2B30004677
Facility Record Id:	FAIDSIT2A00004677
Id:	444110
Description:	NAICS
Last Modified:	2010-02-09T12:49:02
Record Key:	FDIDSIT2B50004677
Facility Record Id:	FAIDSIT2A00004677
Id:	Not reported
Description:	TRIFID
Last Modified:	2010-02-09T12:49:02
Record Key:	FDIDSIT2B20004677
Facility Record Id:	FAIDSIT2A00004677
Id:	783266950
Description:	Dun & Bradstreet
Last Modified:	2010-02-09T12:49:02
Record Key:	FDIDSIT2B10004677
Facility Record Id:	FAIDSIT2A00004677
Id:	5211
Description:	SIC
Last Modified:	2010-02-09T12:49:02

Contact:

First Name:	Not reported
Last Name:	The Home Depot USA, Inc.
Title:	Not reported

HOME DEPOT #2104 (Continued) **S109946660**

Email:	Not reported
Address:	2455 Paces Ferry Road, C-19
City:	Atlanta
Country:	US
State:	GA
Zip Code:	30339
Type1:	Owner / Operator
Type2:	Not reported
Type3:	Not reported
Type4:	Not reported
Contact Id:	CTIDSIT2FO0004677
Date Modified:	2010-02-09T12:49:02
Telephone:	7704338211X82714
Telephone Type:	Emergency
Last Modified:	2010-02-09T12:49:02
Record Key:	PHIDSIT2HO0004677
Contact Id:	CTIDSIT2FO0004677

Contact:

First Name:	Not reported
Last Name:	Joel Roberts
Title:	DISTRICT OPERATIONS MANAGER
Email:	Not reported
Address:	Not reported
City:	Not reported
Country:	Not reported
State:	Not reported
Zip Code:	Not reported
Type1:	Emergency Contact
Type2:	Not reported
Type3:	Not reported
Type4:	Not reported
Contact Id:	CTIDSIT2F00014162
Date Modified:	2010-02-09T12:49:02
Telephone:	515-441-0562
Telephone Type:	Phone
Last Modified:	2010-02-09T12:49:02
Record Key:	PHIDSIT2H00042482
Contact Id:	CTIDSIT2F00014162
Telephone:	515-441-0562
Telephone Type:	24 Hr. Phone
Last Modified:	2010-02-09T12:49:02
Record Key:	PHIDSIT2H00042483
Contact Id:	CTIDSIT2F00014162

Contact:

First Name:	Not reported
Last Name:	BRANDON LANSING
Title:	Store Manager
Email:	Not reported
Address:	Not reported

HOME DEPOT #2104 (Continued) **S109946660**

City:	Not reported
Country:	Not reported
State:	Not reported
Zip Code:	Not reported
Type1:	Emergency Contact
Type2:	Not reported
Type3:	Not reported
Type4:	Not reported
Contact Id:	CTIDSIT2F00014161
Date Modified:	2010-02-09T12:49:02
Telephone:	515-287-7269
Telephone Type:	24 Hr. Phone
Last Modified:	2010-02-09T12:49:02
Record Key:	PHIDSIT2H00042480
Contact Id:	CTIDSIT2F00014161
Telephone:	515-287-7269
Telephone Type:	Phone
Last Modified:	2010-02-09T12:49:02
Record Key:	PHIDSIT2H00042479
Contact Id:	CTIDSIT2F00014161

Contact:

First Name:	Not reported
Last Name:	ARCADIS-US, INC.
Title:	Not reported
Email:	Not reported
Address:	160 CHURCH ROAD, SUITE 201
City:	MANCHESTER
Country:	Not reported
State:	CT
Zip Code:	06042
Type1:	Mailing
Type2:	Not reported
Type3:	Not reported
Type4:	Not reported
Contact Id:	CTIDSIT2FM0004677
Date Modified:	2010-02-09T12:49:02
Telephone:	860-645-1084
Telephone Type:	Emergency
Last Modified:	2010-02-09T12:49:02
Record Key:	PHIDSIT2HM0004677
Contact Id:	CTIDSIT2FM0004677

Chemical:

Acute:	T
Ave Amount:	542
Ave Amount Code:	02
Facility Id:	FAIDSIT2A00004677
Chem Inv Record Id:	CVIDSIT2C00025559
Chronic:	F
Cicas:	7664939

HOME DEPOT #2104 (Continued) **S109946660**

EHS Chemical:	T
Last Modified:	2010-01-21T08:19:34
Days On Site:	365
Chemical Name:	SULFURIC ACID
Fire:	F
Gas:	F
Liquid:	T
Max Amount:	542
Max Amount Code:	02
Mixture:	F
Pressure:	F
Pure:	T
Reactive:	T
Solid:	F
Trade Secret:	F

Chemical Loc:

Record Key:	CLIDSIT2D00040864
Chem Inv Record Id:	CVIDSIT2C00025559
Facility Id:	FAIDSIT2A00004677
Type Code:	R
Pressure Code:	1
Temperature Code:	4
Location:	BATTERIES, IN RECEIVING AND ON EQUIPMENT
Amount:	0

AZ221 **KUM & GO #195** **HIST LUST** **U003170842**
NNW **5000 SOUTHWEST 9TH** **UST** **N/A**
> 1 **DES MOINES, IA 50315** **HIST UST**
1.732 mi.
9142 ft. **Site 1 of 2 in cluster AZ**

Relative:
Higher

Actual:
897 ft.

HIST LUST:

Facility ID:	198607422
Leak Number:	7LTT28
Leak Entry Date:	09/07/90
Spill Number:	Not reported
Occur Date:	Not reported
Occur Time:	Not reported
Discover Date:	Not reported
Discover Time:	Not reported
Facility Addr 2:	Not reported
Facility Phone:	Not reported
Facility Fax1:	Not reported
Facility Fax2:	Not reported
Owner Name:	KUM & GO LLC
Owner Type:	Private/Corporate
Owner Addr:	ENVIRONMENTAL DEPT
Owner Addr 2:	6400 WESTOWN PKWY
Owner City,St,Zip:	WEST DES MOINES, IA 50266-
Owner Phone:	5152617751
Owner Fax:	5152622469
Lead:	State Fund
Coordinator:	ERD
Staff Initials:	Not reported
Leak Contact:	RICK KRAFELS

KUM & GO #195 (Continued) **U003170842**

Leak Address:	Not reported
Leak City,St,Zip:	0
Leak Phone:	3166698504
Record Name:	ROGGE
Record Date:	9/6/1990 0:00
Record Location:	Lust
Reporter Name:	RICK KRAFELS
Reporter Business:	KWIK SHOP
Reporter Date:	08/27/90
Reporter Addr:	5000 SW 9TH
Rprtr City,St,Zip:	DES MOINES, IA 503150000
Reporter Phone:	0
Responsible Party:	Not reported
RP Company:	Not reported
RP Address:	Not reported
RP City,St,Zip:	0
RP Phone:	0
RP Ext:	Not reported
RP Fax:	Not reported
ER Date:	Not reported
Delete:	No
Ground Water Professional ID:	0
Ground Water Professional Due Date:	/ /
Ground Water Professional Received Date:	/ /
Corrective Action Design Report Id:	0
Corrective Action Design Due Date:	Not reported
Corrective Action Design Record Date:	/ /

IA Hist Lust Status:

ID:	3453
Site Leak Number:	7LTT28
Discovered During:	Other
Tanks Removed:	0
Leak Cause:	Not reported
Gas:	Not reported
Diesel:	Not reported
Oil:	Not reported
Kerosene:	Not reported
Released Fuel Oil:	Not reported
Released Hydraulic Oil:	Not reported
Released Other Petroleum:	Not reported
Released Unknown:	Not reported
Released Non_Petroleum Chemical:	Not reported
Gallons Released:	000000000000
Leak Status:	Unknown
Loc Soil:	Not reported
Loc Ground Water:	Not reported
Loc Surface Water:	Not reported
Loc Water Supply:	Not reported
Res Public Water Supply:	Not reported
Resources Water Well:	Not reported
Res Actual Drinking WW:	Not reported
Res Non-Drink WW:	Not reported
respotprtg:	Not reported
ressoil:	Not reported
Res Ground Water:	Not reported
Res Surface Water:	Not reported
Res Toxic Vapor:	Not reported

KUM & GO #195 (Continued) **U003170842**

Res Explosive Vapor:	Not reported
Res Other:	Not reported
Res Impacted Soil:	Not reported
Res Impacted Ground Water:	Not reported
Res Impacted Water Well:	Not reported
Res Impacted Pub Water Supply:	Not reported
Res Impacted Surface Water:	Not reported
Res Impacted Toxic Vapor:	Not reported
Res Impacted Explosive Vapor:	Not reported
Res Impacted Other:	Not reported
Res Impacted Drinking WW:	Not reported
Res Impacted Non-Drink WW:	Not reported
Res Impacted Potential Non Drink WW:	Not reported
Officials Onsite Health:	Not reported
Officials Onsite Fire:	Not reported
Officials Onsite Law:	Not reported
Officials Onsite Civil:	Not reported
Officials Onsite None:	Not reported
Officials Onsite Unknown:	Not reported
Officials Onsite Other:	Not reported
AST:	Not reported
UST/LUST Other:	Not reported
Delete:	No

IA Hist Lust Cause:

Release Cause:	Not reported

IA Hist Lust Misc:

Misc Due Date:	11/17/90 0:00:00	Misc Rec Date:	12/10/90 0:00:00
Misc Other:	Not reported	Misc Title:	Not reported

IA Hist Lust Site Monitoring Report:

Site Monitoring Report Due Date:	Not reported
Site Monitoring Report Rec Date:	Not reported
Site Monitoring Report Reg Date:	Not reported
Site Monitoring Report Rejected Date:	Not reported
Site Monitoring Report Type:	Not reported
Reclassification Request Type:	Not reported
Site Monitoring Report Revd By:	Not reported
GW professional ID:	Not reported

IA Hist Lust Remediation:

Heat Treatment:	No
Land Application:	No
On Site:	No
Achieved Over-Excavation:	No
Soil Venting Passive:	No
Soil Venting Active:	No
Bioremediation Passive:	No
Bioremediation Active:	No
In Situ GW Treatment - Air Sparging:	No
Ground Water:	No
Fresh Water:	No
IGT - pH Adjustment:	No
Nutrient:	No

KUM & GO #195 (Continued) **U003170842**

Oxygen:	No
Biological:	No
Permit Date:	Not reported
Other:	No
Surface Treatment - Carbon Absorption:	No
Biological:	No
ST Other:	No
TDT Sanitary Sewer:	No
TDT Storm Sewer:	No
Stream:	No
TDT Other:	No
Reduced Risk Plugged Well:	No
RR Replace:	No
RR Relocate:	No
RR Other:	No
Delete:	No

IA Hist Lust Free Product Recovery:

FPR Report Assesment Due:	Not reported
FPR Report Received:	Not reported
FPR Report Accepted:	Not reported
FPR Report Rejected:	Not reported
FPR Report Revised:	Not reported

IA Hist Lust Corrective Action Design Report:

Corrective Action Design Record Date:	Not reported
Corrective Action Design Received:	Not reported
Corrective Action Design Accepted:	Not reported
Corrective Action Design Rejected:	Not reported
Revised Report Received:	Not reported

IA Hist Lust Tier 1 Report:

T1 Assesment Due:	Not reported
T1 Received:	Not reported
Tier 1 Consultant Recommends:	Not reported
T1 Accepted:	Not reported
T1 Rejected:	Not reported
T1 Revised:	Not reported
T1 Reviewed:	Not reported

IA Hist Lust Tier 2 Report:

T2 Assesment Due:	Not reported
T2 Received:	Not reported
T2 Accepted:	Not reported
T2 Rejected:	Not reported
T2 Reviewed:	Not reported

IA Hist Lust Tier 3 Report:

T3 Assesment Due:	Not reported
T3 Received:	Not reported
T3 Accepted:	Not reported
T3 Rejected:	Not reported

IA Hist Lust Administration:

KUM & GO #195 (Continued) **U003170842**

ID:	3453
Owner Identified:	Yes
Responsible Party Found:	Yes
RP Date:	9/6/90 0:00:00
Owner Broke:	No
ER Date:	Not reported
Cost Recovery Start Dt:	Not reported
CR Notice of Intent Dt:	Not reported
CR Appeal of NOI Dt:	Not reported
CR Final Decision Dt:	Not reported
CR EP Comm Lien Approval Dt:	Not reported
CR Lien:	Not reported
CR Ten Yr Renewal Dt:	Not reported
CR Lien Named:	No
crtyrdate:	Not reported
CR Remediation:	Not reported
Delete:	No
CR Amnt Received:	Not reported
CR End Date:	Not reported

IA Hist Lust 28E:

Counter:	Not reported
Staff Initials:	Not reported
Type:	Not reported
County:	Not reported
Part Of State:	Not reported
Priority Number:	Not reported
Reason:	Not reported
Responsible Party:	Not reported
rfpno:	Not reported
Removed:	Not reported
Date Removed:	Not reported
Field Office:	Not reported
Newlist:	Not reported
State Lead:	Not reported
Access Letter Mailed:	Not reported
Owner Signed Access:	Not reported
Signed Access to Contractor:	Not reported
Contractor Signed Access:	Not reported
Final Access Mailed:	Not reported
nfr:	Not reported
Start Date:	Not reported

IA Hist Lust AO:

Seq Number:	Not reported
Distribution:	Not reported
UST/LUST Other:	Not reported
Order Type:	Not reported
Legal Ref Start:	Not reported
Division ADM Date:	Not reported
CE Bureau Date:	Not reported
AO Issue Date:	Not reported
AO Number:	Not reported
Name Of Parties:	Not reported
Penalty Due Date:	Not reported
Penalty Amount:	Not reported

KUM & GO #195 (Continued) **U003170842**

Penalty Paid Date:	Not reported
Penalty Amount Paid:	Not reported
AO Appeal Date:	Not reported
ALJ Decision Date:	Not reported
EPC Decision Date:	Not reported
Attorney Gen Ref Date:	Not reported
Final Court Decision:	Not reported
Case Number:	Not reported
County:	Not reported
Action Required:	Not reported
Compliance Due:	Not reported
In Compliance Date:	Not reported
Removed:	Not reported
Staff Initials:	Not reported

IA Hist Lust ATP:

Seq Number:	Not reported
Last Name:	Not reported
Priority Rank:	Not reported
Type:	Not reported
Reason:	Not reported
ATP Due:	Not reported
ATP Letter:	Not reported
Financial Documents Recvd:	Not reported
Able/Unable To Pay:	Not reported
Final Letter:	Not reported
Project Complete:	Not reported
RP Able to Pay:	Not reported
Project Removed:	Not reported
Staff Initials:	Not reported
Comment:	Not reported

IA Hist Lust Contract:

Seq Number:	Not reported
Tank City:	Not reported
Staff Initials:	Not reported
Score:	Not reported
Scope Completed:	Not reported
Advertise:	Not reported
Receive Bids:	Not reported
Commission Approval:	Not reported
Contract Approved:	Not reported
Original Contract Amt:	Not reported
Change Orders:	Not reported
Paid to Date:	Not reported
SCR/CADR Received:	Not reported
SCR/CADR Approved:	Not reported
Contract:	Not reported

IA Hist Lust Bedrock Well:

ID:	Not reported
Category:	Not reported
Sample Water Supply:	Not reported
GIS Survey:	Not reported

KUM & GO #195 (Continued) **U003170842**

IA Hist Lust Inst Control:

Inst Control Begin:	Not reported
Inst Control Type:	Not reported

IA Hist Lust Track:

ID:	3453
Site Assesment Start Date:	9/17/90 0:00:00
Free Product Recvry End Date:	Not reported
FP Letter Sent Date:	Not reported
FP Report Frequency:	Not reported
Assesment Report Due:	Not reported
Assesment Report Received:	Not reported
Assesment Report Approved:	Not reported
Achieved Over-Excavation:	Not reported
Release Not Verified Date:	12/19/90 0:00:00
Ref to Contaminated Site Section:	Not reported
Cleanup Start Date:	Not reported
Cleanup Complete Date:	Not reported
Cleanup Report Due Date:	Not reported
Cleanup Report Received Date:	Not reported
Cleanup Report Approved Date:	Not reported
Check Report Due Date:	Not reported
Check Report Received Date:	Not reported
Check Report Rejected Date:	Not reported
Check Report Approved Date:	Not reported
Date Classified:	12/19/90 0:00:00
Risk Classification -NFA:	Yes
Class - Low Risk:	No
Class - High Risk:	No
Lust Current:	No Action Required
Tier 1 Consultant Recommends:	Not reported
T1 Actual GW Ingestion:	No
T1 Poten GW Ingestion from Protected GW:	No
T1 Poten GW Ingestion from Protected GW:	No
T1 GW Vapor to Enclosed Space:	No
T1 GW to Plastic Water Line:	No
T1 Surface Water:	No
T1 Soil Leaching to GW:	No
T1 Soil Vapor to Enclosed Space:	No
T1 Soil to Plastic Line:	No
Tier 2 Consultant Recommends:	Not reported
T2 Actual GW Ingestion:	Not reported
T2 Poten GW Ingestion from Protected GW:	Not reported
T2 Poten GW Ingestion from Protected GW:	Not reported
T2 GW Vapor to Enclosed Space:	Not reported
T2 GW to Plastic Water Line:	Not reported
T2 SW General Use:	Not reported
T2 SW Designated Use:	Not reported
T2 Soil Leaching to GW:	Not reported
T2 Soil Vapor to Enclosed Space:	Not reported
T2 Soil to Plastic Line:	Not reported
Institutional Control Obtained:	No
NFA Certificate Sent:	Not reported
No Action Required:	**No**
Priority Ranking:	Not reported
Delete:	No

KUM & GO #195 (Continued) **U003170842**

UST:
Registration: 198607422

UST:
Registration: 198607422
Status Description: Regulated tanks - r/f
Type Description: Private/Corporate

Tank Id: 22559
Install Date: 6/1/1972
Status Description: Regulated tanks - temp closed
Capacity: 8000
Content Description: Gasoline

Registration: 198607422
Tank Id: 22560
Install Date: 6/1/1972
Status Description: Regulated tanks - r/f
Capacity: 8000
Content Description: Gasoline

Registration: 198607422
Tank Id: 22559
Install Date: 6/1/1972
Status Description: Regulated tanks - r/f
Capacity: 8000
Content Description: Gasoline

HIST UST:

Tank Number:	001
Tank Status:	**Regulated tanks - r/f**
Tank Type:	Commercial
Tank Capacity:	8000
Currently In Use:	No
Tank Material and Construction:	Steel
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Yes
Temp Closed Date:	Not reported
Site Install Date:	6/1/72 0:00:00
Date Removed:	11/15/05 0:00:00
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	12/15/05 0:00:00
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Yes
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported

KUM & GO #195 (Continued) **U003170842**

TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Yes
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Yes
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	IMPRESSED (RECERT: 4/11/95)
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Yes
LDS Tank Tightness Testing:	Yes
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	VR TLS 350
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Yes
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Yes
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Yes
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Yes
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Yes
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Yes
Automatic Shutoff Device:	Yes
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Yes

KUM & GO #195 (Continued) **U003170842**

Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported
Tank Number:	002
Tank Status:	**Regulated tanks - r/f**
Tank Type:	Commercial
Tank Capacity:	8000
Currently In Use:	No
Tank Material and Construction:	Steel
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Yes
Temp Closed Date:	Not reported
Site Install Date:	6/1/72 0:00:00
Date Removed:	11/15/05 0:00:00
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	12/15/05 0:00:00
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Yes
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Yes
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Yes
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	IMPRESSED (RECERT:4/11/95)
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Yes
LDS Tank Tightness Testing:	Yes
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	VR TLS 350
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported

KUM & GO #195 (Continued) **U003170842**

PCP Galvanized Steel:	Yes
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Yes
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Yes
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	SUCTION
Spill Protection:	Yes
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Yes
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Yes
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

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AZ222 **KUM & GO #195** **FINDS** **1011294391**
NNW **5000 SOUTHWEST 9TH** **N/A**
> 1 **DES MOINES, IA 50315**
1.732 mi.
9142 ft. **Site 2 of 2 in cluster AZ**

Relative:
Higher

Actual:
897 ft.

FINDS:

Registry ID: 110036398617

Environmental Interest/Information System
IDNR-EFD (Iowa Department Of Natural Resources - Emission Factor Documentation) provides information about existing emission factors

AX223 **CASEY'S GENERAL STORE #2244** **UST** **U003696827**
ENE **2150 E. ARMY POST ROAD** **HIST UST** **N/A**
> 1 **DES MOINES, IA 50320**
1.735 mi.
9163 ft. **Site 3 of 4 in cluster AX**

Relative:
Higher

UST:
Registration: 199918110

Actual:
912 ft.

UST:
Registration: 199918110
Status Description: Regulated tanks - active
Type Description: Private/Corporate

Tank Id: 43224
Install Date: 9/1/1999
Status Description: Regulated tank - active
Capacity: 10000
Content Description: Gasoline

Registration: 199918110
Tank Id: 43225
Install Date: 9/1/1999
Status Description: Regulated tank - active
Capacity: 10000
Content Description: Gasoline

HIST UST:

Tank Number:	001
Tank Status:	**Regulated tank - active**
Tank Type:	Commercial
Tank Capacity:	10000
Currently In Use:	Yes
Tank Material and Construction:	FRP
Tank Material and Construction Other:	XERXES
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported
Site Install Date:	9/1/99 0:00:00
Date Removed:	Not reported
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Yes
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Yes
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported

CASEY'S GENERAL STORE #2244 (Continued) **U003696827**

TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Yes
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	VEEDER ROOT TLS-350
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Not reported
PCP Fiberglass Reinforced Plastic:	Yes
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Yes
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Yes
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Yes
PLD None:	Not reported
PLD Other:	VEEDER ROOT TLS-350
Spill Protection:	Yes
Catchment Basin Size:	Yes
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Yes
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Yes
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Yes
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Yes
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	X

CASEY'S GENERAL STORE #2244 (Continued) **U003696827**

Installation Cert. by LUST Board Cert. Inspector: X

Tank Number:	002
Tank Status:	**Regulated tank - active**
Tank Type:	Commercial
Tank Capacity:	10000
Currently In Use:	Yes
Tank Material and Construction:	FRP
Tank Material and Construction Other:	XERXES
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported
Site Install Date:	9/1/99 0:00:00
Date Removed:	Not reported
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Yes
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Yes
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Yes
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	VEEDER ROOT TLS-350
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Not reported
PCP Fiberglass Reinforced Plastic:	Yes
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported

CASEY'S GENERAL STORE #2244 (Continued) **U003696827**

PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Yes
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Yes
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Yes
PLD None:	Not reported
PLD Other:	VEEDER ROOT TLS-350
Spill Protection:	Yes
Catchment Basin Size:	Yes
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Yes
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Yes
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Yes
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Yes
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	X
Installation Cert. by LUST Board Cert. Inspector:	X

AX224 **CASEYS GNRL STORE #2244** **FINDS** **1011287014**
ENE **2150 E. ARMY POST ROAD** **N/A**
> 1 **DES MOINES, IA 50320**
1.735 mi.
9163 ft. **Site 4 of 4 in cluster AX**

Relative:
Higher

Actual:
912 ft.

FINDS:

Registry ID: 110036213255

Environmental Interest/Information System
AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

CASEYS GNRL STORE #2244 (Continued) **1011287014**

IDNR-EFD (Iowa Department Of Natural Resources - Emission Factor Documentation) provides information about existing emission factors

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BA225 **BEST WESTERN DES MOINES INTERNATIONAL** **ICIS 1011608106**
WNW **1810 ARMY POST ROAD DES MOINES IA 50315** **N/A**
> 1 **DES MOINES, IA 50315**
1.766 mi.
9324 ft. **Site 1 of 2 in cluster BA**

Relative:
Higher

Actual:
955 ft.

ICIS:

Enforcement Action ID:	07-1999-0238
FRS ID:	110001761825
Program ID:	FRS 110001761825
Action Name:	BEST WESTERN DES MOINES INTERNATIONAL HOTEL PARTNERSHIP
Facility Name:	BEST WESTERN DES MOINES INTERNATIONAL
Facility Address:	1810 ARMY POST ROAD DES MOINES IA 50315 DES MOINES, Iowa 50315
Enforcement Action Type:	CAA 113A Admin Compliance Order (Non-Penalty)
Facility County:	Polk
EPA Region #:	8

Enforcement Action ID:	07-1999-0238
FRS ID:	110001761825
Program ID:	AIRS/AFS 19153C0026
Action Name:	BEST WESTERN DES MOINES INTERNATIONAL HOTEL PARTNERSHIP
Facility Name:	BEST WESTERN DES MOINES INTERNATIONAL
Facility Address:	1810 ARMY POST ROAD DES MOINES IA 50315 DES MOINES, Iowa 50315
Enforcement Action Type:	CAA 113A Admin Compliance Order (Non-Penalty)
Facility County:	Polk
EPA Region #:	8

Program ID:	AIRS/AFS 19153C0026
Facility Name:	BEST WESTERN DES MOINES INTERNATIONAL
Address:	1810 ARMY POST ROAD
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	Not reported

Program ID:	FRS 110001761825
Facility Name:	BEST WESTERN DES MOINES INTERNATIONAL
Address:	1810 ARMY POST ROAD
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	Not reported

BA226
WNW
> 1
1.766 mi.
9324 ft.

BEST WESTERN DES MOINES INTERNATIONAL — **FINDS** — **1006052797**
1810 ARMY POST ROAD — **N/A**
DES MOINES, IA 50315

Site 2 of 2 in cluster BA

Relative:
Higher

Actual:
955 ft.

FINDS:

Registry ID: 110001761825

Environmental Interest/Information System

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

227
NW
> 1
1.773 mi.
9360 ft.

COTA INDUSTRIES INC — **FINDS** — **1006519641**
5512 SE 14 ST — **N/A**
DES MOINES, IA 50315

Relative:
Higher

Actual:
911 ft.

FINDS:

Registry ID: 110001360820

Environmental Interest/Information System

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V

COTA INDUSTRIES INC (Continued) **1006519641**

of the Clean Air Act.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

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228 West > 1 1.815 mi. 9581 ft.

AMERICAN INSTITUTE OF BUSINESS
7500 FLEUR DRIVE
DES MOINES, IA 50321

FTTS **1005653745**
HIST FTTS **N/A**
FINDS

Relative: Higher

Actual: 939 ft.

FTTS INSP:

Inspection Number:	19991130IA011 1
Region:	07
Inspection Date:	11/30/99
Inspector:	HO
Violation occurred:	No
Investigation Type:	Section 6 PCB State Conducted
Investigation Reason:	Neutral Scheme, State
Legislation Code:	TSCA
Facility Function:	User

HIST FTTS INSP:

Inspection Number:	19991130IA011 1
Region:	07
Inspection Date:	Not reported
Inspector:	HO
Violation occurred:	No
Investigation Type:	Section 6 PCB State Conducted
Investigation Reason:	Neutral Scheme, State
Legislation Code:	TSCA
Facility Function:	User

FINDS:

Registry ID: 110011610872

Environmental Interest/Information System

NCDB (National Compliance Data Base) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA). The system tracks inspections in regions and states with cooperative agreements, enforcement actions, and settlements.

BB229 **TUFFY AUTO SERVICE CENTER** **ICIS** **1011564713**
NNW **4824 SW 9TH STREET DES MOINES IA 50315** **N/A**
> 1 **DES MOINES, IA 50315**
1.828 mi.
9654 ft. **Site 1 of 5 in cluster BB**

Relative:
Higher

Actual:
893 ft.

ICIS:

Enforcement Action ID:	07-2006-0182
FRS ID:	110022482464
Program ID:	AIRS/AFS 19153C0052
Action Name:	E&P AUTOMOTIVE D/B/A TUFFY AUTO SERVICE CENTERS
Facility Name:	TUFFY AUTO SERVICE CENTER
Facility Address:	4824 SW 9TH STREET DES MOINES IA 50315 DES MOINES, Iowa 50315
Enforcement Action Type:	CAA 113D1 Action For Penalty
Facility County:	Polk
EPA Region #:	8

Enforcement Action ID:	07-2006-0182
FRS ID:	110022482464
Program ID:	RCRAINFO IAD022127468
Action Name:	E&P AUTOMOTIVE D/B/A TUFFY AUTO SERVICE CENTERS
Facility Name:	TUFFY'S E & P AUTOMOTIVE
Facility Address:	4824 SW 9TH STREET DES MOINES IA 50315 DES MOINES, Iowa 50315
Enforcement Action Type:	CAA 113D1 Action For Penalty
Facility County:	Polk
EPA Region #:	8

Enforcement Action ID:	07-2006-0182
FRS ID:	110022482464
Program ID:	FRS 110022482464
Action Name:	E&P AUTOMOTIVE D/B/A TUFFY AUTO SERVICE CENTERS
Facility Name:	E&P AUTOMOTIVE D/B/A TUFFY AUTO SERVICE
Facility Address:	4824 SW 9TH STREET DES MOINES IA 50315 DES MOINES, Iowa 50315
Enforcement Action Type:	CAA 113D1 Action For Penalty
Facility County:	Polk
EPA Region #:	8

Program ID:	AIRS/AFS 19153C0052
Facility Name:	E&P AUTOMOTIVE D/B/A TUFFY AUTO SERVICE
Address:	4824 SW 9TH STREET
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	Not reported

Program ID:	FRS 110022482464
Facility Name:	E&P AUTOMOTIVE D/B/A TUFFY AUTO SERVICE
Address:	4824 SW 9TH STREET
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	Not reported

Program ID:	RCRAINFO IAD022127468
Facility Name:	E&P AUTOMOTIVE D/B/A TUFFY AUTO SERVICE

TUFFY AUTO SERVICE CENTER (Continued) **1011564713**

Address: 4824 SW 9TH STREET
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

BB230 **E&P AUTOMOTIVE D/B/A TUFFY AUTO SERVICE** **FINDS** **1008381526**
NNW **4824 SW 9TH STREET** **N/A**
> 1 **DES MOINES, IA 50315**
1.828 mi.
9654 ft. **Site 2 of 5 in cluster BB**

Relative:
Higher

Actual:
893 ft.

FINDS:

Registry ID: 110022482464

Environmental Interest/Information System

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ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

BB231 **TUFFY'S E & P AUTOMOTIVE** **RCRA-NonGen** **1000229577**
NNW **4824 SW 9TH ST** **IAD022127468**
> 1 **DES MOINES, IA 50315**
1.828 mi.
9654 ft. **Site 3 of 5 in cluster BB**

Relative:
Higher

Actual:
893 ft.

RCRA-NonGen:

Date form received by agency:	09/05/2000
Facility name:	TUFFY'S E & P AUTOMOTIVE
Facility address:	4824 SW 9TH ST DES MOINES, IA 50315
EPA ID:	IAD022127468
Mailing address:	SW 9TH ST DES MOINES, IA 50315
Contact:	Not reported
Contact address:	Not reported Not reported
Contact country:	Not reported
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	07
Land type:	Private
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste:	Unknown
Mixed waste (haz. and radioactive):	Unknown
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	Unknown
Furnace exemption:	Unknown
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No
Off-site waste receiver:	Verified to be non-commercial

Historical Generators:

Date form received by agency:	01/18/1994
Facility name:	TUFFY'S E & P AUTOMOTIVE
Classification:	Small Quantity Generator

Date form received by agency:	01/17/1994
Facility name:	TUFFY'S E & P AUTOMOTIVE
Classification:	Small Quantity Generator

Hazardous Waste Summary:

Waste code:	UOIL
Waste name:	UOIL

Facility Has Received Notices of Violations:

TUFFY'S E & P AUTOMOTIVE (Continued) **1000229577**

Regulation violated: FR - CFR 279.22(c)
Area of violation: Generators - General
Date violation determined: 08/15/1995
Date achieved compliance: 08/21/1995
Violation lead agency: EPA
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 02/27/1996
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - CFR 279.22(d)
Area of violation: Generators - General
Date violation determined: 08/15/1995
Date achieved compliance: 08/21/1995
Violation lead agency: EPA
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 02/27/1996
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 09/05/2000
Evaluation: COMPLIANCE ASSISTANCE VISIT
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

Evaluation date: 08/15/1995
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 08/21/1995
Evaluation lead agency: EPA

Evaluation date: 01/17/1994
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA Contractor/Grantee

232
NNE
> 1
1.837 mi.
9700 ft.

Relative:
Lower

Actual:
838 ft.

BUCKS S DES MOINES AUTO BODY-FORMER SITE **RCRA-NonGen** **1001967875**
4700 SE 14TH ST **FINDS** **IAD984567941**
DES MOINES, IA 50320

RCRA-NonGen:
Date form received by agency: 09/06/2000
Facility name: BUCKS S DES MOINES AUTO BODY-FORMER SITE
Facility address: 4700 SE 14TH ST
DES MOINES, IA 50320

BUCKS S DES MOINES AUTO BODY-FORMER SITE (Continued) **1001967875**

EPA ID: IAD984567941
Mailing address: SE 14TH ST
DES MOINES, IA 50320
Contact: BRADLEY MCANINCH
Contact address: 4700 SE 14TH ST
DES MOINES, IA 50320
Contact country: US
Contact telephone: (515) 287-7743
Contact email: Not reported
EPA Region: 07
Land type: Private
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: BRADLEY MCANINCH
Owner/operator address: 4700 SE 14TH ST
DES MOINES, IA 50320
Owner/operator country: Not reported
Owner/operator telephone: (515) 287-7743
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/0001
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Historical Generators:
Date form received by agency: 02/10/1994
Facility name: BUCKS S DES MOINES AUTO BODY-FORMER SITE
Classification: Conditionally Exempt Small Quantity Generator

Hazardous Waste Summary:
Waste code: D000
Waste name: Not Defined

Violation Status: No violations found

BUCKS S DES MOINES AUTO BODY-FORMER SITE (Continued) **1001967875**

Evaluation Action Summary:
Evaluation date: 02/10/1994
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA Contractor/Grantee

FINDS:

Registry ID: 110001402081

Environmental Interest/Information System
AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

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233 West > 1 1.841 mi. 9718 ft.

HICKMAN RACING
6821 FLEUR DR
DES MOINES, IA 50321

RCRA-CESQG **1004689762**
FINDS **IAD073497695**

Relative: Higher

Actual: 922 ft.

RCRA-CESQG:
Date form received by agency: 03/01/1994
Facility name: HICKMAN RACING
Facility address: 6821 FLEUR DR
DES MOINES, IA 503213126
EPA ID: IAD073497695
Mailing address: FLEUR DR
DES MOINES, IA 503213126
Contact: JIM HICKMAN
Contact address: 6821 FLEUR DR
DES MOINES, IA 503213126
Contact country: US
Contact telephone: (515) 285-4332
Contact email: Not reported
EPA Region: 07
Land type: Private
Classification: Conditionally Exempt Small Quantity Generator
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar

HICKMAN RACING (Continued) **1004689762**

month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name:	JIM HICKMAN
Owner/operator address:	5306 S UNION DES MOINES, IA 50315
Owner/operator country:	Not reported
Owner/operator telephone:	(515) 285-4332
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	Unknown
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No
Off-site waste receiver:	Verified to be non-commercial

Historical Generators:

Date form received by agency:	02/07/1994
Facility name:	HICKMAN RACING
Classification:	Conditionally Exempt Small Quantity Generator

Hazardous Waste Summary:

Waste code:	D000
Waste name:	Not Defined
Waste code:	UOIL
Waste name:	UOIL
Waste code:	D001
Waste name:	IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF

HICKMAN RACING (Continued) **1004689762**

LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 02/07/1994
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA Contractor/Grantee

FINDS:

Registry ID: 110005747086

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

234
NNE
> 1
1.872 mi.
9884 ft.

Relative: Lower

Actual: 837 ft.

ADESA DES MOINES LLC **FINDS** **1006544702**
1530 E MCKINLEY AVENUE **N/A**
DES MOINES, IA 50320

FINDS:

Registry ID: 110001761898

Environmental Interest/Information System
AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

BC235
WNW
> 1
1.874 mi.
9897 ft.

NOT KNOWN
2016 ARMY POST
DES MOINES, IA 50315

Site 1 of 2 in cluster BC

UST
HIST UST

U003935022
N/A

Relative:
Higher

Actual:
950 ft.

UST:
Registration: 198604595

UST:
Registration: 198604595
Status Description: Regulated tanks - r/f
Type Description: Unknown

Tank Id: 13083
Install Date: 12/1/1963
Status Description: Regulated tanks - r/f
Capacity: 560
Content Description: Used Oil

Registration: 198604595
Tank Id: 13084
Install Date: 12/1/1963
Status Description: Regulated tanks - r/f
Capacity: 4000
Content Description: Gasoline

Registration: 198604595
Tank Id: 13086
Install Date: 12/1/1963
Status Description: Regulated tanks - r/f
Capacity: 4000
Content Description: Gasoline

Registration: 198604595
Tank Id: 13085
Install Date: 12/1/1972
Status Description: Regulated tanks - r/f
Capacity: 8000
Content Description: Gasoline

Registration: 198604595
Tank Id: 13087
Install Date: 1/2/1900
Status Description: Regulated tanks - r/f
Capacity: 500
Content Description: Used Oil

HIST UST:
Tank Number: 001
Tank Status: Regulated tanks - r/f
Tank Type: Commercial
Tank Capacity: 560
Currently In Use: No
Tank Material and Construction: Steel
Tank Material and Construction Other: Not reported
Tank Internal Protection Fiberglass: Not reported
Tank External Protection Cathodic: Not reported
Temp Closed Date: 12/1/81 0:00:00

NOT KNOWN (Continued) **U003935022**

Site Install Date:	12/1/63 0:00:00
Date Removed:	7/1/87 0:00:00
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Not reported
TIP Internal Unknown:	Not reported
TIP Internal Other:	UNKNOWN
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	UNKNOWN
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Yes
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported

NOT KNOWN (Continued) **U003935022**

Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

Tank Number:	002
Tank Status:	**Regulated tanks - r/f**
Tank Type:	Commercial
Tank Capacity:	4000
Currently In Use:	No
Tank Material and Construction:	Steel
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	12/1/81 0:00:00
Site Install Date:	12/1/63 0:00:00
Date Removed:	7/1/87 0:00:00
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Not reported
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported

NOT KNOWN (Continued) **U003935022**

TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Yes
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

Tank Number:	003

NOT KNOWN (Continued) **U003935022**

Tank Status:	**Regulated tanks - r/f**
Tank Type:	Commercial
Tank Capacity:	8000
Currently In Use:	No
Tank Material and Construction:	Steel
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	12/1/81 0:00:00
Site Install Date:	12/1/72 0:00:00
Date Removed:	7/1/87 0:00:00
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Not reported
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Yes
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported

NOT KNOWN (Continued) **U003935022**

PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

Tank Number:	004
Tank Status:	**Regulated tanks - r/f**
Tank Type:	Commercial
Tank Capacity:	4000
Currently In Use:	No
Tank Material and Construction:	Steel
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	12/1/81 0:00:00
Site Install Date:	12/1/63 0:00:00
Date Removed:	7/1/87 0:00:00
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Not reported

NOT KNOWN (Continued) **U003935022**

TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Yes
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported

NOT KNOWN (Continued) **U003935022**

Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

Tank Number:	005
Tank Status:	**Regulated tanks - r/f**
Tank Type:	Commercial
Tank Capacity:	500
Currently In Use:	No
Tank Material and Construction:	Steel
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported
Site Install Date:	1/1/00 0:00:00
Date Removed:	11/25/97 0:00:00
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Not reported
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported

NOT KNOWN (Continued) **U003935022**

LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Not reported
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

Click this hyperlink while viewing on your computer to access additional IA HIST UST: detail in the EDR Site Report.

BC236 **NOT KNOWN** **FINDS** **1011292643**
WNW **2016 ARMY POST** **N/A**
> 1 **DES MOINES, IA 50315**
1.874 mi.
9897 ft. **Site 2 of 2 in cluster BC**

Relative:
Higher

FINDS:

Registry ID: 110036327944

Actual:
950 ft.

Environmental Interest/Information System
IDNR-EFD (Iowa Department Of Natural Resources - Emission Factor Documentation) provides information about existing emission factors

BB237
NNW
> 1
1.891 mi.
9983 ft.

ERA UNIVERSAL REALTY
4730 SOUTHWEST 9TH STREET
DES MOINES, IA 50315

Site 4 of 5 in cluster BB

FINDS **1005776546**
N/A

Relative:
Higher

Actual:
892 ft.

FINDS:

Registry ID: 110011869530

Environmental Interest/Information System
NCDB (National Compliance Data Base) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA). The system tracks inspections in regions and states with cooperative agreements, enforcement actions, and settlements.

BB238
NNW
> 1
1.891 mi.
9983 ft.

ERA UNIVERSAL REALTY
4730 SW 9TH STREET
DES MOINES, IA 50315

Site 5 of 5 in cluster BB

FTTS **1007277172**
HIST FTTS **N/A**

Relative:
Higher

Actual:
892 ft.

FTTS INSP:

Inspection Number:	19981015N7017 2
Region:	07
Inspection Date:	10/15/98
Inspector:	THOMPSON
Violation occurred:	No
Investigation Type:	Lead, Section 1018, SEE
Investigation Reason:	Neutral Scheme, State
Legislation Code:	TSCA
Facility Function:	Landlord/Renter Facility

HIST FTTS INSP:

Inspection Number:	19981015N7017 2
Region:	07
Inspection Date:	Not reported
Inspector:	THOMPSON
Violation occurred:	No
Investigation Type:	Lead, Section 1018, SEE
Investigation Reason:	Neutral Scheme, State
Legislation Code:	TSCA
Facility Function:	Landlord/Renter Facility

BD239
NNW
> 1
1.908 mi.
10073 ft.

NOT KNOWN
4704 SW 9TH STREET
DES MOINES, IA 50315

Site 1 of 4 in cluster BD

FINDS **1011275277**
N/A

Relative:
Higher

Actual:
892 ft.

FINDS:

Registry ID: 110036358857

Environmental Interest/Information System
IDNR-EFD (Iowa Department Of Natural Resources - Emission Factor Documentation) provides information about existing emission factors

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BD240
NNW
> 1
1.908 mi.
10073 ft.

NOT KNOWN
4704 SW 9TH STREET
DES MOINES, IA 50315

Site 2 of 4 in cluster BD

UST **U003935394**
HIST UST **N/A**

Relative:
Higher

UST:
Registration: 198609934

Actual:
892 ft.

UST:
Registration: 198609934
Status Description: Regulated tanks - r/f
Type Description: Private/Corporate

Tank Id: 29696
Install Date: 6/1/1975
Status Description: Regulated tanks - r/f
Capacity: 6000
Content Description: Not reported

Registration: 198609934
Tank Id: 29697
Install Date: 6/1/1975
Status Description: Regulated tanks - r/f
Capacity: 6000
Content Description: Not reported

Registration: 198609934
Tank Id: 29695
Install Date: 6/1/1975
Status Description: Regulated tanks - r/f
Capacity: 550
Content Description: Not reported

Registration: 198609934
Tank Id: 29694
Install Date: 6/1/1975
Status Description: Regulated tanks - r/f
Capacity: 8000
Content Description: Not reported

HIST UST:
Tank Number: 001
Tank Status: **Regulated tanks - r/f**
Tank Type: Commercial

NOT KNOWN (Continued) **U003935394**

Tank Capacity:	8000
Currently In Use:	No
Tank Material and Construction:	Steel
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported
Site Install Date:	6/1/75 0:00:00
Date Removed:	1/1/80 0:00:00
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Not reported
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Not reported
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported

NOT KNOWN (Continued) **U003935394**

TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

Tank Number:	002
Tank Status:	**Regulated tanks - r/f**
Tank Type:	Commercial
Tank Capacity:	550
Currently In Use:	No
Tank Material and Construction:	Steel
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported
Site Install Date:	6/1/75 0:00:00
Date Removed:	1/1/80 0:00:00
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Not reported
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported

NOT KNOWN (Continued) **U003935394**

TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Not reported
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported

NOT KNOWN (Continued) **U003935394**

Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported
Tank Number:	003
Tank Status:	**Regulated tanks - r/f**
Tank Type:	Commercial
Tank Capacity:	6000
Currently In Use:	No
Tank Material and Construction:	Steel
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported
Site Install Date:	6/1/75 0:00:00
Date Removed:	1/1/80 0:00:00
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Not reported
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Not reported

NOT KNOWN (Continued) **U003935394**

PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Not reported
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

Tank Number:	004
Tank Status:	**Regulated tanks - r/f**
Tank Type:	Commercial
Tank Capacity:	6000
Currently In Use:	No
Tank Material and Construction:	Steel
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported
Site Install Date:	6/1/75 0:00:00
Date Removed:	1/1/80 0:00:00
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported

NOT KNOWN (Continued) **U003935394**

Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Not reported
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Not reported
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported

NOT KNOWN (Continued) **U003935394**

Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

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BD241 **TRUE VALU HARDWARE** **FINDS** **1011288552**
NNW **4611 SW 9TH STREET** **N/A**
> 1 **DES MOINES, IA 50315**
1.909 mi.
10082 ft. **Site 3 of 4 in cluster BD**

Relative: Higher

Actual: 892 ft.

FINDS:

Registry ID: 110036322789

Environmental Interest/Information System
IDNR-EFD (Iowa Department Of Natural Resources - Emission Factor Documentation) provides information about existing emission factors

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BD242 **TRUE VALU HARDWARE** **UST** **U003860004**
NNW **4611 SW 9TH STREET** **HIST UST** **N/A**
> 1 **DES MOINES, IA 50315**
1.909 mi.
10082 ft. **Site 4 of 4 in cluster BD**

Relative: Higher

UST:
Registration: 198607389

Actual: 892 ft.

UST:

Registration:	198607389
Status Description:	Regulated tanks - r/f
Type Description:	Private/Corporate
Tank Id:	22450
Install Date:	10/1/1983
Status Description:	Regulated tanks - r/f
Capacity:	1000
Content Description:	Kerosene

HIST UST:

Tank Number:	001
Tank Status:	**Regulated tanks - r/f**
Tank Type:	Commercial
Tank Capacity:	1000
Currently In Use:	No

TRUE VALU HARDWARE (Continued) **U003860004**

Tank Material and Construction:	Steel
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Yes
Temp Closed Date:	Not reported
Site Install Date:	10/1/83 0:00:00
Date Removed:	4/1/87 0:00:00
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Not reported
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Yes
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported

TRUE VALU HARDWARE (Continued) **U003860004**

PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

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BE243 **BUDGET LUBE CORP** **UST U001735439**
NNE **4520 SE 14TH STREET** **HIST UST N/A**
> 1 **DES MOINES, IA 50320**
1.940 mi.
10241 ft. **Site 1 of 2 in cluster BE**

Relative: Lower

UST:
Registration: 199117270

Actual: 860 ft.

UST:

Registration:	199117270
Status Description:	Regulated tanks - r/f
Type Description:	Private/Corporate
Tank Id:	41612
Install Date:	8/1/1978
Status Description:	Regulated tanks - r/f
Capacity:	250
Content Description:	Used Oil

HIST UST:

Tank Number:	001
Tank Status:	**Regulated tanks - r/f**
Tank Type:	Commercial
Tank Capacity:	250
Currently In Use:	No
Tank Material and Construction:	Steel
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported

BUDGET LUBE CORP (Continued) **U001735439**

Temp Closed Date:	Not reported
Site Install Date:	8/1/78 0:00:00
Date Removed:	3/30/92 0:00:00
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	1/1/00 0:00:00
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Yes
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Yes
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Yes
LDS None:	Yes
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Yes
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Not reported
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported

BUDGET LUBE CORP (Continued) **U001735439**

PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

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BE244 **BUDGET LUBE CORP** **FINDS** **1011290300**
NNE **4520 SE 14TH STREET** **N/A**
> 1 **DES MOINES, IA 50320**
1.940 mi.
10241 ft. **Site 2 of 2 in cluster BE**

Relative:
Lower

FINDS:

Registry ID: 110036317955

Actual:
860 ft.

Environmental Interest/Information System
IDNR-EFD (Iowa Department Of Natural Resources - Emission Factor Documentation) provides information about existing emission factors

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BF245 **DES MOINES AIRPORT** **FINDS** **1011287143**
WNW **2104 ARMY POST RD** **N/A**
> 1 **DES MOINES, IA 50321**
1.942 mi.
10253 ft. **Site 1 of 2 in cluster BF**

Relative:
Higher

FINDS:

Registry ID: 110036176027

Actual:
951 ft.

Environmental Interest/Information System
IDNR-EFD (Iowa Department Of Natural Resources - Emission Factor Documentation) provides information about existing emission factors

BF246 **DES MOINES AIRPORT** **HIST LUST** **U003170386**
WNW **2104 ARMY POST RD** **UST** **N/A**
> 1 **DES MOINES, IA 50321** **HIST UST**
1.942 mi.
10253 ft. **Site 2 of 2 in cluster BF**

Relative:
Higher

Actual:
951 ft.

HIST LUST:

Facility ID:	198606384
Leak Number:	7LTX91
Leak Entry Date:	06/16/89
Spill Number:	06028-MDG-0801
Occur Date:	Not reported
Occur Time:	Not reported
Discover Date:	Not reported
Discover Time:	Not reported
Facility Addr 2:	Not reported
Facility Phone:	Not reported
Facility Fax1:	Not reported
Facility Fax2:	Not reported
Owner Name:	AMOCO CORP
Owner Type:	Municipal
Owner Addr:	400 S WOODS MILL RD, SUITE 240
Owner City,St,Zip:	CHESTERFIELD, MO 630173427
Owner Phone:	3144344059
Owner Fax:	Not reported
Lead:	State Fund
Coordinator:	ERD
Staff Initials:	Not reported
Leak Contact:	JIM DUFF
Leak Address:	Not reported
Leak City,St,Zip:	0
Leak Phone:	5152834587
Record Name:	BANDURSKI
Record Date:	6/13/1989 0:00
Record Location:	Lust
Reporter Name:	HICKOK & ASSOC
Reporter Business:	Not reported
Reporter Date:	06/02/88
Reporter Addr:	10550 NEW YORK AVE
Rprtr City,St,Zip:	DES MOINES, IA 503220000
Reporter Phone:	5152530830
Responsible Party:	Not reported
RP Company:	Not reported
RP Address:	Not reported
RP City,St,Zip:	0
RP Phone:	0
RP Ext:	Not reported
RP Fax:	Not reported
ER Date:	Not reported
Delete:	No
Ground Water Professional ID:	0
Ground Water Professional Due Date:	08/27/92
Ground Water Professional Received Date:	08/27/92
Corrective Action Design Report Id:	0
Corrective Action Design Due Date:	Not reported
Corrective Action Design Record Date:	/ /

IA Hist Lust Status:

ID:	2923
Site Leak Number:	7LTX91

DES MOINES AIRPORT (Continued) **U003170386**

Discovered During:	Other
Tanks Removed:	0
Leak Cause:	Not reported
Gas:	Not reported
Diesel:	Not reported
Oil:	Not reported
Kerosene:	Not reported
Released Fuel Oil:	Not reported
Released Hydraulic Oil:	Not reported
Released Other Petroleum:	Not reported
Released Unknown:	Not reported
Released Non_Petroleum Chemical:	Not reported
Gallons Released:	000000000000
Leak Status:	Stopped
Loc Soil:	Yes
Loc Ground Water:	Yes
Loc Surface Water:	Not reported
Loc Water Supply:	Not reported
Res Public Water Supply:	Not reported
Resources Water Well:	Not reported
Res Actual Drinking WW:	Not reported
Res Non-Drink WW:	Not reported
respotprtg:	Not reported
ressoil:	Not reported
Res Ground Water:	Not reported
Res Surface Water:	Not reported
Res Toxic Vapor:	Not reported
Res Explosive Vapor:	Not reported
Res Other:	Not reported
Res Impacted Soil:	Not reported
Res Impacted Ground Water:	Not reported
Res Impacted Water Well:	Not reported
Res Impacted Pub Water Supply:	Not reported
Res Impacted Surface Water:	Not reported
Res Impacted Toxic Vapor:	Not reported
Res Impacted Explosive Vapor:	Not reported
Res Impacted Other:	Not reported
Res Impacted Drinking WW:	Not reported
Res Impacted Non-Drink WW:	Not reported
Res Impacted Potential Non Drink WW:	Not reported
Officials Onsite Health:	Not reported
Officials Onsite Fire:	Not reported
Officials Onsite Law:	Not reported
Officials Onsite Civil:	Not reported
Officials Onsite None:	Not reported
Officials Onsite Unknown:	Not reported
Officials Onsite Other:	Not reported
AST:	Not reported
UST/LUST Other:	Not reported
Delete:	No

IA Hist Lust Cause:
Release Cause: Not reported

IA Hist Lust Misc:
Misc Due Date: Not reported Misc Rec Date: Not reported

DES MOINES AIRPORT (Continued) **U003170386**

Misc Other: Not reported Misc Title: Not reported

IA Hist Lust Site Monitoring Report:

Site Monitoring Report Due Date:	Not reported
Site Monitoring Report Rec Date:	Not reported
Site Monitoring Report Reg Date:	Not reported
Site Monitoring Report Rejected Date:	Not reported
Site Monitoring Report Type:	Not reported
Reclassification Request Type:	Not reported
Site Monitoring Report Revd By:	Not reported
GW professional ID:	Not reported

IA Hist Lust Remediation:

Heat Treatment:	No
Land Application:	No
On Site:	No
Achieved Over-Excavation:	No
Soil Venting Passive:	No
Soil Venting Active:	No
Bioremediation Passive:	No
Bioremediation Active:	No
In Situ GW Treatment - Air Sparging:	No
Ground Water:	No
Fresh Water:	No
IGT - pH Adjustment:	No
Nutrient:	No
Oxygen:	No
Biological:	No
Permit Date:	Not reported
Other:	No
Surface Treatment - Carbon Absorption:	No
Biological:	No
ST Other:	No
TDT Sanitary Sewer:	No
TDT Storm Sewer:	No
Stream:	No
TDT Other:	No
Reduced Risk Plugged Well:	No
RR Replace:	No
RR Relocate:	No
RR Other:	No
Delete:	No

IA Hist Lust Free Product Recovery:

FPR Report Assesment Due:	Not reported
FPR Report Received:	Not reported
FPR Report Accepted:	Not reported
FPR Report Rejected:	Not reported
FPR Report Revised:	Not reported

IA Hist Lust Corrective Action Design Report:

Corrective Action Design Record Date:	Not reported
Corrective Action Design Received:	Not reported
Corrective Action Design Accepted:	Not reported
Corrective Action Design Rejected:	Not reported

DES MOINES AIRPORT (Continued) **U003170386**

Revised Report Received: Not reported

IA Hist Lust Tier 1 Report:
T1 Assesment Due: Not reported
T1 Received: 5/6/97 0:00:00
Tier 1 Consultant Recommends: Not reported
T1 Accepted: 7/17/97 0:00:00
T1 Rejected: Not reported
T1 Revised: Not reported
T1 Reviewed: Not reported

IA Hist Lust Tier 2 Report:
T2 Assesment Due: Not reported
T2 Received: Not reported
T2 Accepted: Not reported
T2 Rejected: Not reported
T2 Reviewed: Not reported

IA Hist Lust Tier 3 Report:
T3 Assesment Due: Not reported
T3 Received: Not reported
T3 Accepted: Not reported
T3 Rejected: Not reported

IA Hist Lust Administration:
ID: 2923
Owner Identified: Yes
Responsible Party Found: Yes
RP Date: 6/16/89 0:00:00
Owner Broke: No
ER Date: 6/2/88 0:00:00
Cost Recovery Start Dt: Not reported
CR Notice of Intent Dt: Not reported
CR Appeal of NOI Dt: Not reported
CR Final Decision Dt: Not reported
CR EP Comm Lien Approval Dt: Not reported
CR Lien: Not reported
CR Ten Yr Renewal Dt: Not reported
CR Lien Named: No
crtyrdate: Not reported
CR Remediation: Not reported
Delete: No
CR Amnt Received: Not reported
CR End Date: Not reported

IA Hist Lust 28E:
Counter: Not reported
Staff Initials: Not reported
Type: Not reported
County: Not reported
Part Of State: Not reported
Priority Number: Not reported
Reason: Not reported
Responsible Party: Not reported
rfpno: Not reported

DES MOINES AIRPORT (Continued) **U003170386**

Removed:	Not reported
Date Removed:	Not reported
Field Office:	Not reported
Newlist:	Not reported
State Lead:	Not reported
Access Letter Mailed:	Not reported
Owner Signed Access:	Not reported
Signed Access to Contractor:	Not reported
Contractor Signed Access:	Not reported
Final Access Mailed:	Not reported
nfr:	Not reported
Start Date:	Not reported

IA Hist Lust AO:

Seq Number:	Not reported
Distribution:	Not reported
UST/LUST Other:	Not reported
Order Type:	Not reported
Legal Ref Start:	Not reported
Division ADM Date:	Not reported
CE Bureau Date:	Not reported
AO Issue Date:	Not reported
AO Number:	Not reported
Name Of Parties:	Not reported
Penalty Due Date:	Not reported
Penalty Amount:	Not reported
Penalty Paid Date:	Not reported
Penalty Amount Paid:	Not reported
AO Appeal Date:	Not reported
ALJ Decision Date:	Not reported
EPC Decision Date:	Not reported
Attorney Gen Ref Date:	Not reported
Final Court Decision:	Not reported
Case Number:	Not reported
County:	Not reported
Action Required:	Not reported
Compliance Due:	Not reported
In Compliance Date:	Not reported
Removed:	Not reported
Staff Initials:	Not reported

IA Hist Lust ATP:

Seq Number:	Not reported
Last Name:	Not reported
Priority Rank:	Not reported
Type:	Not reported
Reason:	Not reported
ATP Due:	Not reported
ATP Letter:	Not reported
Financial Documents Recvd:	Not reported
Able/Unable To Pay:	Not reported
Final Letter:	Not reported
Project Complete:	Not reported
RP Able to Pay:	Not reported
Project Removed:	Not reported
Staff Initials:	Not reported

DES MOINES AIRPORT (Continued) **U003170386**

Comment: Not reported

IA Hist Lust Contract:
Seq Number: Not reported
Tank City: Not reported
Staff Initials: Not reported
Score: Not reported
Scope Completed: Not reported
Advertise: Not reported
Receive Bids: Not reported
Commission Approval: Not reported
Contract Approved: Not reported
Original Contract Amt: Not reported
Change Orders: Not reported
Paid to Date: Not reported
SCR/CADR Received: Not reported
SCR/CADR Approved: Not reported
Contract: Not reported

IA Hist Lust Bedrock Well:
ID: Not reported
Category: Not reported
Sample Water Supply: Not reported
GIS Survey: Not reported

IA Hist Lust Inst Control:
Inst Control Begin: Not reported
Inst Control Type: Not reported

IA Hist Lust Track:
ID: 2923
Site Assesment Start Date: 7/27/92 0:00:00
Free Product Recvry End Date: 7/17/97 0:00:00
FP Letter Sent Date: 8/2/95 0:00:00
FP Report Frequency: Not reported
Assesment Report Due: Not reported
Assesment Report Received: Not reported
Assesment Report Approved: Not reported
Achieved Over-Excavation: Not reported
Release Not Verified Date: Not reported
Ref to Contaminated Site Section: Not reported
Cleanup Start Date: 8/4/95 0:00:00
Cleanup Complete Date: 7/17/97 0:00:00
Cleanup Report Due Date: Not reported
Cleanup Report Received Date: Not reported
Cleanup Report Approved Date: Not reported
Check Report Due Date: Not reported
Check Report Received Date: Not reported
Check Report Rejected Date: Not reported
Check Report Approved Date: Not reported
Date Classified: 7/17/97 0:00:00
Risk Classification -NFA: Yes
Class - Low Risk: No
Class - High Risk: No
Lust Current: No Action Required

DES MOINES AIRPORT (Continued) **U003170386**

Tier 1 Consultant Recommends:	Not reported
T1 Actual GW Ingestion:	No
T1 Poten GW Ingestion from Protected GW:	No
T1 Poten GW Ingestion from Protected GW:	No
T1 GW Vapor to Enclosed Space:	No
T1 GW to Plastic Water Line:	No
T1 Surface Water:	No
T1 Soil Leaching to GW:	No
T1 Soil Vapor to Enclosed Space:	No
T1 Soil to Plastic Line:	No
Tier 2 Consultant Recommends:	Not reported
T2 Actual GW Ingestion:	Not reported
T2 Poten GW Ingestion from Protected GW:	Not reported
T2 Poten GW Ingestion from Protected GW:	Not reported
T2 GW Vapor to Enclosed Space:	Not reported
T2 GW to Plastic Water Line:	Not reported
T2 SW General Use:	Not reported
T2 SW Designated Use:	Not reported
T2 Soil Leaching to GW:	Not reported
T2 Soil Vapor to Enclosed Space:	Not reported
T2 Soil to Plastic Line:	Not reported
Institutional Control Obtained:	No
NFA Certificate Sent:	6/1/00 0:00:00
No Action Required:	**No**
Priority Ranking:	5
Delete:	No

UST:

Registration:	198606384

UST:

Registration:	198606384
Status Description:	Regulated tanks - r/f
Type Description:	Municipal
Tank Id:	18728
Install Date:	12/1/1970
Status Description:	Regulated tanks - r/f
Capacity:	8000
Content Description:	Gasoline
Registration:	198606384
Tank Id:	18725
Install Date:	7/1/1963
Status Description:	Regulated tanks - r/f
Capacity:	4000
Content Description:	Gasoline
Registration:	198606384
Tank Id:	18724
Install Date:	7/1/1963
Status Description:	Regulated tanks - r/f
Capacity:	500
Content Description:	Used Oil
Registration:	198606384

DES MOINES AIRPORT (Continued) **U003170386**

Tank Id: 18727
Install Date: 7/1/1971
Status Description: Regulated tanks - r/f
Capacity: 4000
Content Description: Gasoline

Registration: 198606384
Tank Id: 18726
Install Date: 7/1/1963
Status Description: Regulated tanks - r/f
Capacity: 4000
Content Description: Gasoline

HIST UST:

Tank Number:	001
Tank Status:	**Regulated tanks - r/f**
Tank Type:	Commercial
Tank Capacity:	500
Currently In Use:	No
Tank Material and Construction:	Steel
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported
Site Install Date:	7/1/63 0:00:00
Date Removed:	10/1/87 0:00:00
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Not reported
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported

DES MOINES AIRPORT (Continued) **U003170386**

LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Yes
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

Tank Number:	002
Tank Status:	**Regulated tanks - r/f**
Tank Type:	Commercial
Tank Capacity:	4000
Currently In Use:	No
Tank Material and Construction:	Steel
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported

DES MOINES AIRPORT (Continued) **U003170386**

Site Install Date:	7/1/63 0:00:00
Date Removed:	10/1/87 0:00:00
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Not reported
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Not reported
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported

DES MOINES AIRPORT (Continued) **U003170386**

Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

Tank Number:	003
Tank Status:	**Regulated tanks - r/f**
Tank Type:	Commercial
Tank Capacity:	4000
Currently In Use:	No
Tank Material and Construction:	Steel
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported
Site Install Date:	7/1/63 0:00:00
Date Removed:	10/1/87 0:00:00
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Not reported
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported

DES MOINES AIRPORT (Continued) **U003170386**

TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Not reported
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

Tank Number:	004

DES MOINES AIRPORT (Continued) **U003170386**

Tank Status:	**Regulated tanks - r/f**
Tank Type:	Commercial
Tank Capacity:	4000
Currently In Use:	No
Tank Material and Construction:	Steel
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported
Site Install Date:	7/1/71 0:00:00
Date Removed:	10/1/87 0:00:00
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Not reported
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Not reported
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported

DES MOINES AIRPORT (Continued) **U003170386**

PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

Tank Number:	005
Tank Status:	**Regulated tanks - r/f**
Tank Type:	Commercial
Tank Capacity:	8000
Currently In Use:	No
Tank Material and Construction:	Steel
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported
Site Install Date:	12/1/70 0:00:00
Date Removed:	10/1/87 0:00:00
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Not reported

DES MOINES AIRPORT (Continued) **U003170386**

TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Not reported
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported

DES MOINES AIRPORT (Continued) **U003170386**

Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

Click this hyperlink while viewing on your computer to access additional IA HIST UST: detail in the EDR Site Report.

247
West
> 1
1.960 mi.
10347 ft.

ACCENT TAG & LABEL INC **RCRA-CESQG 1001227759**
2201 RITTENHOUSE ST **FINDS IAR000004226**
DES MOINES, IA 50321

Relative:
Higher

Actual:
942 ft.

RCRA-CESQG:

Date form received by agency:	10/28/1997
Facility name:	ACCENT TAG & LABEL INC
Facility address:	2201 RITTENHOUSE ST DES MOINES, IA 50321
EPA ID:	IAR000004226
Mailing address:	RITTENHOUSE ST DES MOINES, IA 50321
Contact:	Not reported
Contact address:	Not reported Not reported
Contact country:	Not reported
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	07
Land type:	Private
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name:	ACCENT TAG & LABEL INC
Owner/operator address:	2201 RITTENHOUSE ST DES MOINES, IA 50321
Owner/operator country:	Not reported
Owner/operator telephone:	(515) 287-2717
Legal status:	Private
Owner/Operator Type:	Owner

ACCENT TAG & LABEL INC (Continued) **1001227759**

Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: Unknown
Mixed waste (haz. and radioactive): Unknown
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: Unknown
Furnace exemption: Unknown
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Verified to be non-commercial

Historical Generators:
Date form received by agency: 12/09/1996
Facility name: ACCENT TAG & LABEL INC
Classification: Conditionally Exempt Small Quantity Generator

Hazardous Waste Summary:
Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 10/28/1997
Evaluation: COMPLIANCE ASSISTANCE VISIT
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

FINDS:

ACCENT TAG & LABEL INC (Continued) **1001227759**

Registry ID: 110005775811

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

BG248 **HEAD INC** **FINDS** **1012108115**
WNW **6214 FLEUR DRIVE** **N/A**
> 1 **DES MOINES, IA 50321**
1.978 mi.
10446 ft. **Site 1 of 3 in cluster BG**

Relative: Higher

Actual: 953 ft.

FINDS:

Registry ID: 110038875697

Environmental Interest/Information System
AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

BH249 **FORMER UST SITE** **LUST** **S106058998**
NNW **4503 SW 9TH STREET** **HIST LUST** **N/A**
> 1 **DES MOINES, IA 50309**
1.979 mi.
10449 ft. **Site 1 of 3 in cluster BH**

Relative: Higher

Actual: 903 ft.

LUST:

Registration:	197910324
Leak Number:	9LTE79
Date Reported:	5/2/1997
Date Cleanup Started:	5/2/1997
Date Cleanup Completed:	9/22/1997
Record Description:	No Action Required
Product Description:	Unknown

HIST LUST:

Facility ID:	197910324
Leak Number:	9LTE79
Leak Entry Date:	05/02/97
Spill Number:	Not reported
Occur Date:	Not reported

FORMER UST SITE (Continued) **S106058998**

Occur Time:	Not reported
Discover Date:	Not reported
Discover Time:	Not reported
Facility Addr 2:	Not reported
Facility Phone:	Not reported
Facility Fax1:	Not reported
Facility Fax2:	Not reported
Owner Name:	ROBERT ORR
Owner Type:	Private/Corporate
Owner Addr:	4111 SW 34TH ST
Owner City,St,Zip:	DES MOINES, IA 503090000
Owner Phone:	5152858160
Owner Fax:	Not reported
Lead:	Responsible Party
Coordinator:	ERD
Staff Initials:	Not reported
Leak Contact:	ROBERT ORR
Leak Address:	Not reported
Leak City,St,Zip:	0
Leak Phone:	5152858160
Record Name:	JAMES GASTINEAU
Record Date:	5/2/1997 0:00
Record Location:	Lust
Reporter Name:	ROBERT ORR
Reporter Business:	Not reported
Reporter Date:	05/02/97
Reporter Addr:	4111 SW 34TH STREET
Rprtr City,St,Zip:	DES MOINES, IA 503090000
Reporter Phone:	5152858160
Responsible Party:	Not reported
RP Company:	Not reported
RP Address:	Not reported
RP City,St,Zip:	0
RP Phone:	0
RP Ext:	Not reported
RP Fax:	Not reported
ER Date:	Not reported
Delete:	No
Ground Water Professional ID:	0
Ground Water Professional Due Date:	06/09/97
Ground Water Professional Received Date:	06/26/97
Corrective Action Design Report Id:	0
Corrective Action Design Due Date:	Not reported
Corrective Action Design Record Date:	/ /

IA Hist Lust Status:

ID:	372
Site Leak Number:	9LTE79
Discovered During:	Other
Tanks Removed:	00
Leak Cause:	UNK
Gas:	Not reported
Diesel:	Not reported
Oil:	Not reported
Kerosene:	Not reported
Released Fuel Oil:	Not reported
Released Hydraulic Oil:	Not reported
Released Other Petroleum:	Not reported

FORMER UST SITE (Continued) **S106058998**

Released Unknown:	Yes
Released Non_Petroleum Chemical:	Not reported
Gallons Released:	000000000UNK
Leak Status:	Stopped
Loc Soil:	Not reported
Loc Ground Water:	Yes
Loc Surface Water:	Not reported
Loc Water Supply:	Not reported
Res Public Water Supply:	Not reported
Resources Water Well:	Not reported
Res Actual Drinking WW:	Not reported
Res Non-Drink WW:	Not reported
respotprtg:	Not reported
ressoil:	Not reported
Res Ground Water:	Not reported
Res Surface Water:	Not reported
Res Toxic Vapor:	Not reported
Res Explosive Vapor:	Not reported
Res Other:	Not reported
Res Impacted Soil:	Not reported
Res Impacted Ground Water:	Not reported
Res Impacted Water Well:	Not reported
Res Impacted Pub Water Supply:	Not reported
Res Impacted Surface Water:	Not reported
Res Impacted Toxic Vapor:	Not reported
Res Impacted Explosive Vapor:	Not reported
Res Impacted Other:	Not reported
Res Impacted Drinking WW:	Not reported
Res Impacted Non-Drink WW:	Not reported
Res Impacted Potential Non Drink WW:	Not reported
Officials Onsite Health:	Not reported
Officials Onsite Fire:	Not reported
Officials Onsite Law:	Not reported
Officials Onsite Civil:	Not reported
Officials Onsite None:	Yes
Officials Onsite Unknown:	Not reported
Officials Onsite Other:	Not reported
AST:	Not reported
UST/LUST Other:	Not reported
Delete:	No

IA Hist Lust Cause:

Release Cause:	Unknown

IA Hist Lust Misc:

Misc Due Date:	Not reported	Misc Rec Date:	Not reported
Misc Other:	Not reported	Misc Title:	Not reported

IA Hist Lust Site Monitoring Report:

Site Monitoring Report Due Date:	Not reported
Site Monitoring Report Rec Date:	Not reported
Site Monitoring Report Reg Date:	Not reported
Site Monitoring Report Rejected Date:	Not reported
Site Monitoring Report Type:	Not reported
Reclassification Request Type:	Not reported
Site Monitoring Report Revd By:	Not reported

FORMER UST SITE (Continued) **S106058998**

GW professional ID: Not reported

IA Hist Lust Remediation:
Heat Treatment: No
Land Application: No
On Site: No
Achieved Over-Excavation: No
Soil Venting Passive: No
Soil Venting Active: No
Bioremediation Passive: No
Bioremediation Active: No
In Situ GW Treatment - Air Sparging: No
Ground Water: No
Fresh Water: No
IGT - pH Adjustment: No
Nutrient: No
Oxygen: No
Biological: No
Permit Date: Not reported
Other: No
Surface Treatment - Carbon Absorption: No
Biological: No
ST Other: No
TDT Sanitary Sewer: No
TDT Storm Sewer: No
Stream: No
TDT Other: No
Reduced Risk Plugged Well: No
RR Replace: No
RR Relocate: No
RR Other: No
Delete: No

IA Hist Lust Free Product Recovery:
FPR Report Assesment Due: Not reported
FPR Report Received: Not reported
FPR Report Accepted: Not reported
FPR Report Rejected: Not reported
FPR Report Revised: Not reported

IA Hist Lust Corrective Action Design Report:
Corrective Action Design Record Date: Not reported
Corrective Action Design Received: Not reported
Corrective Action Design Accepted: Not reported
Corrective Action Design Rejected: Not reported
Revised Report Received: Not reported

IA Hist Lust Tier 1 Report:
T1 Assesment Due: 12/1/97 0:00:00
T1 Received: 9/17/97 0:00:00
Tier 1 Consultant Recommends: Not reported
T1 Accepted: 9/22/97 0:00:00
T1 Rejected: Not reported
T1 Revised: Not reported
T1 Reviewed: Not reported

FORMER UST SITE (Continued) **S106058998**

IA Hist Lust Tier 2 Report:

T2 Assesment Due:	Not reported
T2 Received:	Not reported
T2 Accepted:	Not reported
T2 Rejected:	Not reported
T2 Reviewed:	Not reported

IA Hist Lust Tier 3 Report:

T3 Assesment Due:	Not reported
T3 Received:	Not reported
T3 Accepted:	Not reported
T3 Rejected:	Not reported

IA Hist Lust Administration:

ID:	372
Owner Identified:	Yes
Responsible Party Found:	No
RP Date:	Not reported
Owner Broke:	No
ER Date:	Not reported
Cost Recovery Start Dt:	Not reported
CR Notice of Intent Dt:	Not reported
CR Appeal of NOI Dt:	Not reported
CR Final Decision Dt:	Not reported
CR EP Comm Lien Approval Dt:	Not reported
CR Lien:	Not reported
CR Ten Yr Renewal Dt:	Not reported
CR Lien Named:	No
crtyrdate:	Not reported
CR Remediation:	Not reported
Delete:	No
CR Amnt Received:	Not reported
CR End Date:	Not reported

IA Hist Lust 28E:

Counter:	Not reported
Staff Initials:	Not reported
Type:	Not reported
County:	Not reported
Part Of State:	Not reported
Priority Number:	Not reported
Reason:	Not reported
Responsible Party:	Not reported
rfpno:	Not reported
Removed:	Not reported
Date Removed:	Not reported
Field Office:	Not reported
Newlist:	Not reported
State Lead:	Not reported
Access Letter Mailed:	Not reported
Owner Signed Access:	Not reported
Signed Access to Contractor:	Not reported
Contractor Signed Access:	Not reported
Final Access Mailed:	Not reported
nfr:	Not reported

FORMER UST SITE (Continued) **S106058998**

Start Date:	Not reported
IA Hist Lust AO:	
Seq Number:	Not reported
Distribution:	Not reported
UST/LUST Other:	Not reported
Order Type:	Not reported
Legal Ref Start:	Not reported
Division ADM Date:	Not reported
CE Bureau Date:	Not reported
AO Issue Date:	Not reported
AO Number:	Not reported
Name Of Parties:	Not reported
Penalty Due Date:	Not reported
Penalty Amount:	Not reported
Penalty Paid Date:	Not reported
Penalty Amount Paid:	Not reported
AO Appeal Date:	Not reported
ALJ Decision Date:	Not reported
EPC Decision Date:	Not reported
Attorney Gen Ref Date:	Not reported
Final Court Decision:	Not reported
Case Number:	Not reported
County:	Not reported
Action Required:	Not reported
Compliance Due:	Not reported
In Compliance Date:	Not reported
Removed:	Not reported
Staff Initials:	Not reported
IA Hist Lust ATP:	
Seq Number:	Not reported
Last Name:	Not reported
Priority Rank:	Not reported
Type:	Not reported
Reason:	Not reported
ATP Due:	Not reported
ATP Letter:	Not reported
Financial Documents Recvd:	Not reported
Able/Unable To Pay:	Not reported
Final Letter:	Not reported
Project Complete:	Not reported
RP Able to Pay:	Not reported
Project Removed:	Not reported
Staff Initials:	Not reported
Comment:	Not reported
IA Hist Lust Contract:	
Seq Number:	Not reported
Tank City:	Not reported
Staff Initials:	Not reported
Score:	Not reported
Scope Completed:	Not reported
Advertise:	Not reported
Receive Bids:	Not reported
Commission Approval:	Not reported

FORMER UST SITE (Continued) **S106058998**

Contract Approved:	Not reported
Original Contract Amt:	Not reported
Change Orders:	Not reported
Paid to Date:	Not reported
SCR/CADR Received:	Not reported
SCR/CADR Approved:	Not reported
Contract:	Not reported

IA Hist Lust Bedrock Well:

ID:	Not reported
Category:	Not reported
Sample Water Supply:	Not reported
GIS Survey:	Not reported

IA Hist Lust Inst Control:

Inst Control Begin:	Not reported
Inst Control Type:	Not reported

IA Hist Lust Track:

ID:	372
Site Assesment Start Date:	5/2/97 0:00:00
Free Product Recvry End Date:	Not reported
FP Letter Sent Date:	Not reported
FP Report Frequency:	Not reported
Assesment Report Due:	Not reported
Assesment Report Received:	Not reported
Assesment Report Approved:	Not reported
Achieved Over-Excavation:	Not reported
Release Not Verified Date:	Not reported
Ref to Contaminated Site Section:	Not reported
Cleanup Start Date:	5/2/97 0:00:00
Cleanup Complete Date:	9/22/97 0:00:00
Cleanup Report Due Date:	Not reported
Cleanup Report Received Date:	Not reported
Cleanup Report Approved Date:	Not reported
Check Report Due Date:	Not reported
Check Report Received Date:	Not reported
Check Report Rejected Date:	Not reported
Check Report Approved Date:	Not reported
Date Classified:	9/22/97 0:00:00
Risk Classification -NFA:	Yes
Class - Low Risk:	No
Class - High Risk:	No
Lust Current:	No Action Required
Tier 1 Consultant Recommends:	Not reported
T1 Actual GW Ingestion:	No
T1 Poten GW Ingestion from Protected GW:	No
T1 Poten GW Ingestion from Protected GW:	No
T1 GW Vapor to Enclosed Space:	No
T1 GW to Plastic Water Line:	No
T1 Surface Water:	No
T1 Soil Leaching to GW:	No
T1 Soil Vapor to Enclosed Space:	No
T1 Soil to Plastic Line:	No
Tier 2 Consultant Recommends:	Not reported
T2 Actual GW Ingestion:	Not reported

FORMER UST SITE (Continued) **S106058998**

T2 Poten GW Ingestion from Protected GW:	Not reported
T2 Poten GW Ingestion from Protected GW:	Not reported
T2 GW Vapor to Enclosed Space:	Not reported
T2 GW to Plastic Water Line:	Not reported
T2 SW General Use:	Not reported
T2 SW Designated Use:	Not reported
T2 Soil Leaching to GW:	Not reported
T2 Soil Vapor to Enclosed Space:	Not reported
T2 Soil to Plastic Line:	Not reported
Institutional Control Obtained:	No
NFA Certificate Sent:	11/25/97 0:00:00
No Action Required:	**No**
Priority Ranking:	Not reported
Delete:	No

BH250 **FORMER UST SITE** **FINDS** **1011291350**
NNW **4503 SW 9TH STREET** **N/A**
> 1 **DES MOINES, IA 50309**
1.980 mi.
10457 ft. **Site 2 of 3 in cluster BH**

Relative:
Higher

Actual:
903 ft.

FINDS:

Registry ID: 110036296521

Environmental Interest/Information System
IDNR-EFD (Iowa Department Of Natural Resources - Emission Factor Documentation) provides information about existing emission factors

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BG251 **DES MOINES INTL AIRPORT** **FINDS** **1006877380**
WNW **6200 FLEUR DRIVE** **N/A**
> 1 **DES MOINES, IA 50321**
1.981 mi.
10460 ft. **Site 2 of 3 in cluster BG**

Relative:
Higher

Actual:
953 ft.

FINDS:

Registry ID: 110014425005

Environmental Interest/Information System
AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when

DES MOINES INTL AIRPORT (Continued) **1006877380**

complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

BG252 **HOLIDAY INN DES MOINES AIRPORT** **FINDS** **1004469620**
WNW **6111 FLEUR DRIVE** **N/A**
> 1 **DES MOINES, IA 50321**
1.995 mi.
10532 ft. **Site 3 of 3 in cluster BG**

Relative:
Higher

Actual:
950 ft.

FINDS:

Registry ID: 110001329660

Environmental Interest/Information System

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

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253 **FIRE STATION #8** **LUST** **U003169493**
NW **1249 MCKINLEY** **HIST LUST** **N/A**
> 1 **DES MOINES, IA 50315** **UST**
2.004 mi. **HIST UST**
10580 ft.

Relative:
Higher

Actual:
915 ft.

LUST:

Registration:	198603667
Leak Number:	8LTD02
Date Reported:	10/18/1990
Date Cleanup Started:	Not reported
Date Cleanup Completed:	Not reported
Record Description:	No Action Required
Product Description:	Gasoline

Registration:	198603667
Leak Number:	8LTD02
Date Reported:	10/18/1990

FIRE STATION #8 (Continued) **U003169493**

Date Cleanup Started: Not reported
Date Cleanup Completed: Not reported
Record Description: No Action Required
Product Description: Diesel

HIST LUST:
Facility ID: 198603667
Leak Number: 8LTD02
Leak Entry Date: 10/29/90
Spill Number: Not reported
Occur Date: Not reported
Occur Time: Not reported
Discover Date: Not reported
Discover Time: Not reported
Facility Addr 2: Not reported
Facility Phone: Not reported
Facility Fax1: Not reported
Facility Fax2: Not reported
Owner Name: CITY OF DES MOINES
Owner Type: Municipal
Owner Addr: FIRE DEPARTMENT_
Owner Addr 2: 900 MULBERRY
Owner City,St,Zip: DES MOINES, IA 503090000
Owner Phone: 6412934237
Owner Fax: Not reported
Lead: Responsible Party
Coordinator: ERD
Staff Initials: Not reported
Leak Contact: MIKE KLAPP
Leak Address: Not reported
Leak City,St,Zip: 0
Leak Phone: 5152834931
Record Name: ROGGE
Record Date: 10/23/1990 0:00
Record Location: Lust
Reporter Name: MIKE KLAPP
Reporter Business: CITY OF DES MOINES/
Reporter Date: 10/18/90
Reporter Addr: E 1ST & LOCUST ST
Rprtr City,St,Zip: DES MOINES, IA 503070000
Reporter Phone: 5152834931
Responsible Party: Not reported
RP Company: Not reported
RP Address: Not reported
RP City,St,Zip: 0
RP Phone: 0
RP Ext: Not reported
RP Fax: Not reported
ER Date: Not reported
Delete: No
Ground Water Professional ID: 0
Ground Water Professional Due Date: / /
Ground Water Professional Received Date: / /
Corrective Action Design Report Id: 0
Corrective Action Design Due Date: Not reported
Corrective Action Design Record Date: / /

FIRE STATION #8 (Continued) **U003169493**

IA Hist Lust Status:

ID:	1820
Site Leak Number:	8LTD02
Discovered During:	Removal
Tanks Removed:	2
Leak Cause:	Not reported
Gas:	Yes
Diesel:	Yes
Oil:	Not reported
Kerosene:	Not reported
Released Fuel Oil:	Not reported
Released Hydraulic Oil:	Not reported
Released Other Petroleum:	Not reported
Released Unknown:	Not reported
Released Non_Petroleum Chemical:	Not reported
Gallons Released:	000000000000
Leak Status:	Unknown
Loc Soil:	Not reported
Loc Ground Water:	Not reported
Loc Surface Water:	Not reported
Loc Water Supply:	Not reported
Res Public Water Supply:	Not reported
Resources Water Well:	Not reported
Res Actual Drinking WW:	Not reported
Res Non-Drink WW:	Not reported
respotprtg:	Not reported
ressoil:	Not reported
Res Ground Water:	Not reported
Res Surface Water:	Not reported
Res Toxic Vapor:	Not reported
Res Explosive Vapor:	Not reported
Res Other:	Not reported
Res Impacted Soil:	Not reported
Res Impacted Ground Water:	Not reported
Res Impacted Water Well:	Not reported
Res Impacted Pub Water Supply:	Not reported
Res Impacted Surface Water:	Not reported
Res Impacted Toxic Vapor:	Not reported
Res Impacted Explosive Vapor:	Not reported
Res Impacted Other:	Not reported
Res Impacted Drinking WW:	Not reported
Res Impacted Non-Drink WW:	Not reported
Res Impacted Potential Non Drink WW:	Not reported
Officials Onsite Health:	Not reported
Officials Onsite Fire:	Not reported
Officials Onsite Law:	Not reported
Officials Onsite Civil:	Not reported
Officials Onsite None:	Not reported
Officials Onsite Unknown:	Yes
Officials Onsite Other:	Not reported
AST:	Not reported
UST/LUST Other:	Not reported
Delete:	No

IA Hist Lust Cause:

Release Cause:	Not reported

FIRE STATION #8 (Continued) **U003169493**

IA Hist Lust Misc:

Misc Due Date:	1/9/91 0:00:00	Misc Rec Date:	11/11/90 0:00:00
Misc Other:	Not reported	Misc Title:	Not reported

IA Hist Lust Site Monitoring Report:

Site Monitoring Report Due Date:	Not reported
Site Monitoring Report Rec Date:	Not reported
Site Monitoring Report Reg Date:	Not reported
Site Monitoring Report Rejected Date:	Not reported
Site Monitoring Report Type:	Not reported
Reclassification Request Type:	Not reported
Site Monitoring Report Revd By:	Not reported
GW professional ID:	Not reported

IA Hist Lust Remediation:

Heat Treatment:	No
Land Application:	No
On Site:	No
Achieved Over-Excavation:	No
Soil Venting Passive:	No
Soil Venting Active:	No
Bioremediation Passive:	No
Bioremediation Active:	No
In Situ GW Treatment - Air Sparging:	No
Ground Water:	No
Fresh Water:	No
IGT - pH Adjustment:	No
Nutrient:	No
Oxygen:	No
Biological:	No
Permit Date:	Not reported
Other:	No
Surface Treatment - Carbon Absorption:	No
Biological:	No
ST Other:	No
TDT Sanitary Sewer:	No
TDT Storm Sewer:	No
Stream:	No
TDT Other:	No
Reduced Risk Plugged Well:	No
RR Replace:	No
RR Relocate:	No
RR Other:	No
Delete:	No

IA Hist Lust Free Product Recovery:

FPR Report Assesment Due:	Not reported
FPR Report Received:	Not reported
FPR Report Accepted:	Not reported
FPR Report Rejected:	Not reported
FPR Report Revised:	Not reported

IA Hist Lust Corrective Action Design Report:

Corrective Action Design Record Date:	Not reported
Corrective Action Design Received:	Not reported

FIRE STATION #8 (Continued) **U003169493**

Corrective Action Design Accepted: Not reported
Corrective Action Design Rejected: Not reported
Revised Report Received: Not reported

IA Hist Lust Tier 1 Report:
T1 Assesment Due: Not reported
T1 Received: Not reported
Tier 1 Consultant Recommends: Not reported
T1 Accepted: Not reported
T1 Rejected: Not reported
T1 Revised: Not reported
T1 Reviewed: Not reported

IA Hist Lust Tier 2 Report:
T2 Assesment Due: Not reported
T2 Received: Not reported
T2 Accepted: Not reported
T2 Rejected: Not reported
T2 Reviewed: Not reported

IA Hist Lust Tier 3 Report:
T3 Assesment Due: Not reported
T3 Received: Not reported
T3 Accepted: Not reported
T3 Rejected: Not reported

IA Hist Lust Administration:
ID: 1820
Owner Identified: Yes
Responsible Party Found: Yes
RP Date: 10/29/90 0:00:00
Owner Broke: No
ER Date: Not reported
Cost Recovery Start Dt: Not reported
CR Notice of Intent Dt: Not reported
CR Appeal of NOI Dt: Not reported
CR Final Decision Dt: Not reported
CR EP Comm Lien Approval Dt: Not reported
CR Lien: Not reported
CR Ten Yr Renewal Dt: Not reported
CR Lien Named: No
crtyrdate: Not reported
CR Remediation: Not reported
Delete: No
CR Amnt Received: Not reported
CR End Date: Not reported

IA Hist Lust 28E:
Counter: Not reported
Staff Initials: Not reported
Type: Not reported
County: Not reported
Part Of State: Not reported
Priority Number: Not reported
Reason: Not reported

FIRE STATION #8 (Continued) **U003169493**

Responsible Party:	Not reported
rfpno:	Not reported
Removed:	Not reported
Date Removed:	Not reported
Field Office:	Not reported
Newlist:	Not reported
State Lead:	Not reported
Access Letter Mailed:	Not reported
Owner Signed Access:	Not reported
Signed Access to Contractor:	Not reported
Contractor Signed Access:	Not reported
Final Access Mailed:	Not reported
nfr:	Not reported
Start Date:	Not reported

IA Hist Lust AO:

Seq Number:	Not reported
Distribution:	Not reported
UST/LUST Other:	Not reported
Order Type:	Not reported
Legal Ref Start:	Not reported
Division ADM Date:	Not reported
CE Bureau Date:	Not reported
AO Issue Date:	Not reported
AO Number:	Not reported
Name Of Parties:	Not reported
Penalty Due Date:	Not reported
Penalty Amount:	Not reported
Penalty Paid Date:	Not reported
Penalty Amount Paid:	Not reported
AO Appeal Date:	Not reported
ALJ Decision Date:	Not reported
EPC Decision Date:	Not reported
Attorney Gen Ref Date:	Not reported
Final Court Decision:	Not reported
Case Number:	Not reported
County:	Not reported
Action Required:	Not reported
Compliance Due:	Not reported
In Compliance Date:	Not reported
Removed:	Not reported
Staff Initials:	Not reported

IA Hist Lust ATP:

Seq Number:	Not reported
Last Name:	Not reported
Priority Rank:	Not reported
Type:	Not reported
Reason:	Not reported
ATP Due:	Not reported
ATP Letter:	Not reported
Financial Documents Recvd:	Not reported
Able/Unable To Pay:	Not reported
Final Letter:	Not reported
Project Complete:	Not reported
RP Able to Pay:	Not reported

FIRE STATION #8 (Continued) **U003169493**

Project Removed:	Not reported
Staff Initials:	Not reported
Comment:	Not reported

IA Hist Lust Contract:

Seq Number:	Not reported
Tank City:	Not reported
Staff Initials:	Not reported
Score:	Not reported
Scope Completed:	Not reported
Advertise:	Not reported
Receive Bids:	Not reported
Commission Approval:	Not reported
Contract Approved:	Not reported
Original Contract Amt:	Not reported
Change Orders:	Not reported
Paid to Date:	Not reported
SCR/CADR Received:	Not reported
SCR/CADR Approved:	Not reported
Contract:	Not reported

IA Hist Lust Bedrock Well:

ID:	Not reported
Category:	Not reported
Sample Water Supply:	Not reported
GIS Survey:	Not reported

IA Hist Lust Inst Control:

Inst Control Begin:	Not reported
Inst Control Type:	Not reported

IA Hist Lust Track:

ID:	1820
Site Assesment Start Date:	1/9/90 0:00:00
Free Product Recvry End Date:	Not reported
FP Letter Sent Date:	Not reported
FP Report Frequency:	Not reported
Assesment Report Due:	Not reported
Assesment Report Received:	Not reported
Assesment Report Approved:	Not reported
Achieved Over-Excavation:	Not reported
Release Not Verified Date:	12/13/90 0:00:00
Ref to Contaminated Site Section:	Not reported
Cleanup Start Date:	Not reported
Cleanup Complete Date:	Not reported
Cleanup Report Due Date:	Not reported
Cleanup Report Received Date:	Not reported
Cleanup Report Approved Date:	Not reported
Check Report Due Date:	Not reported
Check Report Received Date:	Not reported
Check Report Rejected Date:	Not reported
Check Report Approved Date:	Not reported
Date Classified:	12/13/90 0:00:00
Risk Classification -NFA:	Yes
Class - Low Risk:	No

FIRE STATION #8 (Continued) **U003169493**

Class - High Risk:	No
Lust Current:	No Action Required
Tier 1 Consultant Recommends:	Not reported
T1 Actual GW Ingestion:	No
T1 Poten GW Ingestion from Protected GW:	No
T1 Poten GW Ingestion from Protected GW:	No
T1 GW Vapor to Enclosed Space:	No
T1 GW to Plastic Water Line:	No
T1 Surface Water:	No
T1 Soil Leaching to GW:	No
T1 Soil Vapor to Enclosed Space:	No
T1 Soil to Plastic Line:	No
Tier 2 Consultant Recommends:	Not reported
T2 Actual GW Ingestion:	Not reported
T2 Poten GW Ingestion from Protected GW:	Not reported
T2 Poten GW Ingestion from Protected GW:	Not reported
T2 GW Vapor to Enclosed Space:	Not reported
T2 GW to Plastic Water Line:	Not reported
T2 SW General Use:	Not reported
T2 SW Designated Use:	Not reported
T2 Soil Leaching to GW:	Not reported
T2 Soil Vapor to Enclosed Space:	Not reported
T2 Soil to Plastic Line:	Not reported
Institutional Control Obtained:	No
NFA Certificate Sent:	Not reported
No Action Required:	**No**
Priority Ranking:	Not reported
Delete:	No

UST:

Registration:	198603667

UST:

Registration:	198603667
Status Description:	Regulated tanks - r/f
Type Description:	Municipal
Tank Id:	10122
Install Date:	11/1/1980
Status Description:	Regulated tanks - r/f
Capacity:	1000
Content Description:	Diesel
Registration:	198603667
Tank Id:	10121
Install Date:	12/1/1979
Status Description:	Regulated tanks - r/f
Capacity:	500
Content Description:	Gasoline

HIST UST:

Tank Number:	001
Tank Status:	**Regulated tanks - r/f**
Tank Type:	Other
Tank Capacity:	500
Currently In Use:	No

FIRE STATION #8 (Continued) **U003169493**

Tank Material and Construction:	Steel
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported
Site Install Date:	12/1/79 0:00:00
Date Removed:	10/18/90 0:00:00
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Not reported
TIP Internal Unknown:	Not reported
TIP Internal Other:	NONE
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Yes
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported

FIRE STATION #8 (Continued) **U003169493**

PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

Tank Number:	002
Tank Status:	**Regulated tanks - r/f**
Tank Type:	Other
Tank Capacity:	1000
Currently In Use:	No
Tank Material and Construction:	Steel
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported
Site Install Date:	11/1/80 0:00:00
Date Removed:	10/18/90 0:00:00
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Not reported
TIP Internal Unknown:	Not reported
TIP Internal Other:	NONE
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported

FIRE STATION #8 (Continued) **U003169493**

TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Yes
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported

FIRE STATION #8 (Continued) **U003169493**

Other Installation: Not reported
Installer Cert. by LUST Board: Not reported
Installation Cert. by LUST Board Cert. Inspector: Not reported

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BH254 **PHILLIPS 66** **LUST** **U003169615**
NNW **4506 SW 9TH STREET** **HIST LUST** **N/A**
> 1 **DES MOINES, IA 50315** **UST**
2.015 mi. **HIST UST**
10637 ft. **Site 3 of 3 in cluster BH**

Relative: Higher

Actual: 914 ft.

LUST:
Registration: 198604034
Leak Number: 7LTY09
Date Reported: 8/20/1986
Date Cleanup Started: 12/16/1992
Date Cleanup Completed: 8/14/2001
Record Description: No Action Required
Product Description: Gasoline

HIST LUST:
Facility ID: 198604034
Leak Number: 7LTY09
Leak Entry Date: 07/14/89
Spill Number: 08206-RK-1307
Occur Date: Not reported
Occur Time: Not reported
Discover Date: 8/11/1986 0:00
Discover Time: Not reported
Facility Addr 2: Not reported
Facility Phone: Not reported
Facility Fax1: Not reported
Facility Fax2: Not reported
Owner Name: KECK INC
Owner Type: Private/Corporate
Owner Addr: 320 SW 9TH
Owner City,St,Zip: DES MOINES, IA 503090000
Owner Phone: 0000000000
Owner Fax: Not reported
Lead: State Fund
Coordinator: ERD
Staff Initials: JPP
Leak Contact: DAVID HOLMES
Leak Address: Not reported
Leak City,St,Zip: 0
Leak Phone: 5152445646
Record Name: BANDURSKI
Record Date: 7/7/1989 0:00
Record Location: Lust
Reporter Name: DON GOBLE
Reporter Business: DES MOINES FIRE DEPT
Reporter Date: 08/20/86
Reporter Addr: Not reported
Rprtr City,St,Zip: DES MOINES, IA 0
Reporter Phone: 0
Responsible Party: Not reported
RP Company: Not reported
RP Address: Not reported

PHILLIPS 66 (Continued) **U003169615**

RP City,St,Zip:	0
RP Phone:	0
RP Ext:	Not reported
RP Fax:	Not reported
ER Date:	Not reported
Delete:	No
Ground Water Professional ID:	1580
Ground Water Professional Due Date:	07/08/92
Ground Water Professional Received Date:	06/05/92
Corrective Action Design Report Id:	0
Corrective Action Design Due Date:	Not reported
Corrective Action Design Record Date:	/ /

IA Hist Lust Status:

ID:	1964
Site Leak Number:	7LTY09
Discovered During:	Other
Tanks Removed:	0
Leak Cause:	Not reported
Gas:	Yes
Diesel:	Not reported
Oil:	Not reported
Kerosene:	Not reported
Released Fuel Oil:	Not reported
Released Hydraulic Oil:	Not reported
Released Other Petroleum:	Not reported
Released Unknown:	Not reported
Released Non_Petroleum Chemical:	Not reported
Gallons Released:	000000000000
Leak Status:	Stopped
Loc Soil:	Yes
Loc Ground Water:	Yes
Loc Surface Water:	Not reported
Loc Water Supply:	Not reported
Res Public Water Supply:	Not reported
Resources Water Well:	Not reported
Res Actual Drinking WW:	Not reported
Res Non-Drink WW:	Not reported
respotprtg:	Not reported
ressoil:	Not reported
Res Ground Water:	Not reported
Res Surface Water:	Not reported
Res Toxic Vapor:	Not reported
Res Explosive Vapor:	Not reported
Res Other:	Not reported
Res Impacted Soil:	Not reported
Res Impacted Ground Water:	Not reported
Res Impacted Water Well:	Not reported
Res Impacted Pub Water Supply:	Not reported
Res Impacted Surface Water:	Not reported
Res Impacted Toxic Vapor:	Not reported
Res Impacted Explosive Vapor:	Not reported
Res Impacted Other:	Not reported
Res Impacted Drinking WW:	Not reported
Res Impacted Non-Drink WW:	Not reported
Res Impacted Potential Non Drink WW:	Not reported
Officials Onsite Health:	Not reported
Officials Onsite Fire:	Yes

PHILLIPS 66 (Continued) **U003169615**

Officials Onsite Law: Not reported
Officials Onsite Civil: Not reported
Officials Onsite None: Not reported
Officials Onsite Unknown: Not reported
Officials Onsite Other: Not reported
AST: Not reported
UST/LUST Other: Not reported
Delete: No

IA Hist Lust Cause:
Release Cause: Not reported

IA Hist Lust Groundwater:
Groundwater Prof. Applicant Id Num.: 1580
Groundwater Pro. App. Last Name: SHEKAR
Groundwater Pro. App. First Name: CHANDRA
Groundwater Pro. Firm: SHEKAR ENGINEERING, PLC
Groundwater Pro. Address: 8938 HIGHLAND OAKS DR
Groundwater Pro. Address 2: Not reported
Groundwater Pro. City: JOHNSTON
Groundwater Pro. State: IA
Groundwater Pro. Zip Code: -50131
Groundwater Pro. Tele: 5153345062
Groundwater Pro. Fax: Not reported
Groundwater Pro. Email: ashekar@att.net
Groundwater Pro. Exp. Of Gwp Cert.: 12/31/2007 0:00
Is The Gwp Certified?: Yes
Is Gwp Cert. For Cadr?: Yes

IA Hist Lust Misc:

Misc Due Date:	12/30/98 0:00:00	Misc Rec Date:	12/22/98 0:00:00
Misc Other:	Not reported	Misc Title:	SEMI-ANNUAL POST TX MON
Misc Due Date:	6/30/99 0:00:00	Misc Rec Date:	Not reported
Misc Other:	Not reported	Misc Title:	SEMI-ANNUAL POST TX MON
Misc Due Date:	Not reported	Misc Rec Date:	6/23/00 0:00:00
Misc Other:	Not reported	Misc Title:	MTBE WORKSHEET & DISK

IA Hist Lust Site Monitoring Report:
Site Monitoring Report Due Date: Not reported
Site Monitoring Report Rec Date: Not reported
Site Monitoring Report Reg Date: Not reported
Site Monitoring Report Rejected Date: Not reported
Site Monitoring Report Type: Not reported
Reclassification Request Type: Not reported
Site Monitoring Report Revd By: Not reported
GW professional ID: Not reported

IA Hist Lust Remediation:
Heat Treatment: No
Land Application: No
On Site: No
Achieved Over-Excavation: No
Soil Venting Passive: No

PHILLIPS 66 (Continued) **U003169615**

Soil Venting Active:	No
Bioremediation Passive:	No
Bioremediation Active:	No
In Situ GW Treatment - Air Sparging:	No
Ground Water:	No
Fresh Water:	No
IGT - pH Adjustment:	No
Nutrient:	No
Oxygen:	No
Biological:	No
Permit Date:	Not reported
Other:	No
Surface Treatment - Carbon Absorption:	No
Biological:	No
ST Other:	No
TDT Sanitary Sewer:	No
TDT Storm Sewer:	No
Stream:	No
TDT Other:	No
Reduced Risk Plugged Well:	No
RR Replace:	No
RR Relocate:	No
RR Other:	No
Delete:	No

IA Hist Lust Free Product Recovery:

FPR Report Assesment Due:	Not reported
FPR Report Received:	Not reported
FPR Report Accepted:	Not reported
FPR Report Rejected:	Not reported
FPR Report Revised:	Not reported

IA Hist Lust Corrective Action Design Report:

Corrective Action Design Record Date:	Not reported
Corrective Action Design Received:	Not reported
Corrective Action Design Accepted:	Not reported
Corrective Action Design Rejected:	Not reported
Revised Report Received:	Not reported

IA Hist Lust Tier 1 Report:

T1 Assesment Due:	Not reported
T1 Received:	Not reported
Tier 1 Consultant Recommends:	Not reported
T1 Accepted:	Not reported
T1 Rejected:	Not reported
T1 Revised:	Not reported
T1 Reviewed:	Not reported

IA Hist Lust Tier 2 Report:

T2 Assesment Due:	6/20/00 0:00:00
T2 Received:	6/23/00 0:00:00
T2 Accepted:	Not reported
T2 Rejected:	2/2/01 0:00:00
T2 Reviewed:	JPP

PHILLIPS 66 (Continued) **U003169615**

T2 Assesment Due:	7/24/01 0:00:00
T2 Received:	7/24/01 0:00:00
T2 Accepted:	8/14/01 0:00:00
T2 Rejected:	Not reported
T2 Reviewed:	JPP

IA Hist Lust Tier 3 Report:

T3 Assesment Due:	Not reported
T3 Received:	Not reported
T3 Accepted:	Not reported
T3 Rejected:	Not reported

IA Hist Lust Administration:

ID:	1964
Owner Identified:	Yes
Responsible Party Found:	Yes
RP Date:	8/20/86 0:00:00
Owner Broke:	No
ER Date:	8/20/86 0:00:00
Cost Recovery Start Dt:	Not reported
CR Notice of Intent Dt:	Not reported
CR Appeal of NOI Dt:	Not reported
CR Final Decision Dt:	Not reported
CR EP Comm Lien Approval Dt:	Not reported
CR Lien:	Not reported
CR Ten Yr Renewal Dt:	Not reported
CR Lien Named:	No
crtyrdate:	Not reported
CR Remediation:	Not reported
Delete:	No
CR Amnt Received:	Not reported
CR End Date:	Not reported

IA Hist Lust 28E:

Counter:	Not reported
Staff Initials:	Not reported
Type:	Not reported
County:	Not reported
Part Of State:	Not reported
Priority Number:	Not reported
Reason:	Not reported
Responsible Party:	Not reported
rfpno:	Not reported
Removed:	Not reported
Date Removed:	Not reported
Field Office:	Not reported
Newlist:	Not reported
State Lead:	Not reported
Access Letter Mailed:	Not reported
Owner Signed Access:	Not reported
Signed Access to Contractor:	Not reported
Contractor Signed Access:	Not reported
Final Access Mailed:	Not reported
nfr:	Not reported
Start Date:	Not reported

PHILLIPS 66 (Continued) **U003169615**

IA Hist Lust AO:

Seq Number:	Not reported
Distribution:	Not reported
UST/LUST Other:	Not reported
Order Type:	Not reported
Legal Ref Start:	Not reported
Division ADM Date:	Not reported
CE Bureau Date:	Not reported
AO Issue Date:	Not reported
AO Number:	Not reported
Name Of Parties:	Not reported
Penalty Due Date:	Not reported
Penalty Amount:	Not reported
Penalty Paid Date:	Not reported
Penalty Amount Paid:	Not reported
AO Appeal Date:	Not reported
ALJ Decision Date:	Not reported
EPC Decision Date:	Not reported
Attorney Gen Ref Date:	Not reported
Final Court Decision:	Not reported
Case Number:	Not reported
County:	Not reported
Action Required:	Not reported
Compliance Due:	Not reported
In Compliance Date:	Not reported
Removed:	Not reported
Staff Initials:	Not reported

IA Hist Lust ATP:

Seq Number:	Not reported
Last Name:	Not reported
Priority Rank:	Not reported
Type:	Not reported
Reason:	Not reported
ATP Due:	Not reported
ATP Letter:	Not reported
Financial Documents Recvd:	Not reported
Able/Unable To Pay:	Not reported
Final Letter:	Not reported
Project Complete:	Not reported
RP Able to Pay:	Not reported
Project Removed:	Not reported
Staff Initials:	Not reported
Comment:	Not reported

IA Hist Lust Contract:

Seq Number:	Not reported
Tank City:	Not reported
Staff Initials:	Not reported
Score:	Not reported
Scope Completed:	Not reported
Advertise:	Not reported
Receive Bids:	Not reported
Commission Approval:	Not reported
Contract Approved:	Not reported
Original Contract Amt:	Not reported

PHILLIPS 66 (Continued) **U003169615**

Change Orders:	Not reported
Paid to Date:	Not reported
SCR/CADR Received:	Not reported
SCR/CADR Approved:	Not reported
Contract:	Not reported

IA Hist Lust Bedrock Well:

ID:	Not reported
Category:	Not reported
Sample Water Supply:	Not reported
GIS Survey:	Not reported

IA Hist Lust Inst Control:

Inst Control Begin:	Not reported
Inst Control Type:	Not reported

IA Hist Lust Track:

ID:	1964
Site Assesment Start Date:	9/4/86 0:00:00
Free Product Recvry End Date:	Not reported
FP Letter Sent Date:	Not reported
FP Report Frequency:	Not reported
Assesment Report Due:	Not reported
Assesment Report Received:	Not reported
Assesment Report Approved:	Not reported
Achieved Over-Excavation:	Not reported
Release Not Verified Date:	Not reported
Ref to Contaminated Site Section:	Not reported
Cleanup Start Date:	12/16/92 0:00:00
Cleanup Complete Date:	8/14/01 0:00:00
Cleanup Report Due Date:	Not reported
Cleanup Report Received Date:	Not reported
Cleanup Report Approved Date:	Not reported
Check Report Due Date:	Not reported
Check Report Received Date:	Not reported
Check Report Rejected Date:	Not reported
Check Report Approved Date:	Not reported
Date Classified:	8/14/01 0:00:00
Risk Classification -NFA:	Yes
Class - Low Risk:	No
Class - High Risk:	No
Lust Current:	No Action Required
Tier 1 Consultant Recommends:	Not reported
T1 Actual GW Ingestion:	No
T1 Poten GW Ingestion from Protected GW:	No
T1 Poten GW Ingestion from Protected GW:	No
T1 GW Vapor to Enclosed Space:	No
T1 GW to Plastic Water Line:	No
T1 Surface Water:	No
T1 Soil Leaching to GW:	No
T1 Soil Vapor to Enclosed Space:	No
T1 Soil to Plastic Line:	No
Tier 2 Consultant Recommends:	NFA
T2 Actual GW Ingestion:	NFA
T2 Poten GW Ingestion from Protected GW:	NFA
T2 Poten GW Ingestion from Protected GW:	NFA

PHILLIPS 66 (Continued) **U003169615**

T2 GW Vapor to Enclosed Space:	NFA
T2 GW to Plastic Water Line:	NFA
T2 SW General Use:	NFA
T2 SW Designated Use:	NFA
T2 Soil Leaching to GW:	NFA
T2 Soil Vapor to Enclosed Space:	NFA
T2 Soil to Plastic Line:	NFA
Institutional Control Obtained:	No
NFA Certificate Sent:	10/22/01 0:00:00
No Action Required:	**No**
Priority Ranking:	2
Delete:	No

UST:

Registration:	198604034

UST:

Registration:	198604034
Status Description:	Regulated tanks - r/f
Type Description:	Private/Corporate
Tank Id:	11340
Install Date:	12/1/1963
Status Description:	Regulated tanks - r/f
Capacity:	500
Content Description:	Used Oil
Registration:	198604034
Tank Id:	11339
Install Date:	12/1/1963
Status Description:	Non-regulated hoist oil tank - active
Capacity:	35
Content Description:	Other
Registration:	198604034
Tank Id:	11337
Install Date:	12/1/1976
Status Description:	Regulated tanks - r/f
Capacity:	7900
Content Description:	Gasoline
Registration:	198604034
Tank Id:	11338
Install Date:	12/1/1963
Status Description:	Non-regulated hoist oil tank - active
Capacity:	35
Content Description:	Gasoline
Registration:	198604034
Tank Id:	11336
Install Date:	12/1/1976
Status Description:	Regulated tanks - r/f
Capacity:	7900
Content Description:	Gasoline

PHILLIPS 66 (Continued) **U003169615**

HIST UST:

Tank Number:	001
Tank Status:	**Regulated tanks - r/f**
Tank Type:	Commercial
Tank Capacity:	7900
Currently In Use:	No
Tank Material and Construction:	Steel
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported
Site Install Date:	12/1/76 0:00:00
Date Removed:	10/26/94 0:00:00
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Not reported
TIP Internal Unknown:	Not reported
TIP Internal Other:	UNKNOWN
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	UNKNOWN
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Yes
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported

PHILLIPS 66 (Continued) **U003169615**

PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

Tank Number:	002
Tank Status:	**Regulated tanks - r/f**
Tank Type:	Commercial
Tank Capacity:	7900
Currently In Use:	No
Tank Material and Construction:	Steel
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported
Site Install Date:	12/1/76 0:00:00
Date Removed:	10/26/94 0:00:00
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported

PHILLIPS 66 (Continued) **U003169615**

TIP Internal Lining:	Not reported
TIP None:	Not reported
TIP Internal Unknown:	Not reported
TIP Internal Other:	UNKNOWN
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	UNKNOWN
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Yes
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported

PHILLIPS 66 (Continued) **U003169615**

Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported
Tank Number:	003
Tank Status:	**Non-regulated hoist oil tank - active**
Tank Type:	Not reported
Tank Capacity:	35
Currently In Use:	No
Tank Material and Construction:	Steel
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported
Site Install Date:	12/1/63 0:00:00
Date Removed:	Not reported
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Not reported
TIP Internal Unknown:	Not reported
TIP Internal Other:	UNKNOWN
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	UNKNOWN
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported

PHILLIPS 66 (Continued) **U003169615**

LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Yes
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

Tank Number:	004
Tank Status:	**Non-regulated hoist oil tank - active**
Tank Type:	Not reported
Tank Capacity:	35
Currently In Use:	No
Tank Material and Construction:	Steel
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported
Site Install Date:	12/1/63 0:00:00
Date Removed:	Not reported
Filled Inert:	Not reported
Date Filled in Place:	Not reported

PHILLIPS 66 (Continued) **U003169615**

Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Not reported
TIP Internal Unknown:	Not reported
TIP Internal Other:	UNKNOWN
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	UNKNOWN
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Yes
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported

PHILLIPS 66 (Continued) **U003169615**

PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

Tank Number:	005
Tank Status:	**Regulated tanks - r/f**
Tank Type:	Commercial
Tank Capacity:	500
Currently In Use:	No
Tank Material and Construction:	Steel
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported
Site Install Date:	12/1/63 0:00:00
Date Removed:	5/4/90 0:00:00
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	1/1/00 0:00:00
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Not reported
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Yes
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported

PHILLIPS 66 (Continued) **U003169615**

TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Yes
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

Click this hyperlink while viewing on your computer to access additional IA HIST UST: detail in the EDR Site Report.

255
NW
> 1
2.016 mi.
10642 ft.

WRIGHT ELEMENTARY SCHOOL
5001 SW 14TH ST
DES MOINES, IA 50315

UST **U001729028**
HIST UST **N/A**

Relative:
Higher

UST:
Registration: 198609827

Actual:
912 ft.

UST:
Registration: 198609827
Status Description: Non-regulated heating oil tanks - active
Type Description: Private/Corporate

Tank Id: 29548
Install Date: 6/1/1961
Status Description: Non-regulated heating oil tank - active
Capacity: 8500
Content Description: Other

HIST UST:

Tank Number:	001
Tank Status:	**Non-regulated heating oil tank - active**
Tank Type:	Not reported
Tank Capacity:	8500
Currently In Use:	No
Tank Material and Construction:	Steel Int. Lined with Fiberglass
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	1/1/75 0:00:00
Site Install Date:	6/1/61 0:00:00
Date Removed:	Not reported
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Yes
TIP None:	Not reported
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported

WRIGHT ELEMENTARY SCHOOL (Continued) **U001729028**

TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Yes
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

256
North
> 1
2.041 mi.
10774 ft.

GRANGER ELEMENTARY SCHOOL
101 SE LEACH ST
DES MOINES, IA 50315

LUST **U001870602**
HIST LUST **N/A**
UST
HIST UST

Relative:
Higher

Actual:
939 ft.

LUST:

Registration:	198609853
Leak Number:	9LTM23
Date Reported:	6/20/2005
Date Cleanup Started:	4/3/2008
Date Cleanup Completed:	4/3/2008
Record Description:	No Action Required
Product Description:	Diesel

Registration:	198609853
Leak Number:	9LTM23
Date Reported:	6/20/2005
Date Cleanup Started:	4/3/2008
Date Cleanup Completed:	4/3/2008
Record Description:	No Action Required
Product Description:	Fuel Oil

HIST LUST:

Facility ID:	198609853
Leak Number:	9LTM23
Leak Entry Date:	09/21/05
Spill Number:	Not reported
Occur Date:	Not reported
Occur Time:	Not reported
Discover Date:	6/20/2005 0:00
Discover Time:	Not reported
Facility Addr 2:	Not reported
Facility Phone:	Not reported
Facility Fax1:	Not reported
Facility Fax2:	Not reported
Owner Name:	DES MOINES PUBLIC SCHOOLS
Owner Type:	Private/Corporate
Owner Addr:	1800 GRAND AVENUE
Owner City,St,Zip:	DES MOINES, IA 503070000
Owner Phone:	0002847700
Owner Fax:	Not reported
Lead:	Responsible Party
Coordinator:	ERD
Staff Initials:	KKL
Leak Contact:	JAMES WILKERSON
Leak Address:	DES MOINES SCHOOLS
Leak Address 2:	1658 E EUCLID
Leak City,St,Zip:	DES MOINES, IA 50316
Leak Phone:	5152427917
Record Name:	COLLINS
Record Date:	9/19/2005 0:00
Record Location:	UST
Reporter Name:	DAVID BERGER
Reporter Business:	URS
Reporter Date:	06/20/05
Reporter Addr:	2670 - 106TH STREET, #180
Rprtr City,St,Zip:	URBANDALE, IA 50322
Reporter Phone:	5152845500

GRANGER ELEMENTARY SCHOOL (Continued) **U001870602**

Responsible Party:	JAMES WILKERSON
RP Company:	DES MOINES IND SCHOOLS
RP Address:	1658 E EUCLID
RP City,St,Zip:	DES MOINES, IA 50316
RP Phone:	5152427917
RP Ext:	Not reported
RP Fax:	Not reported
ER Date:	Not reported
Delete:	No
Ground Water Professional ID:	1992
Ground Water Professional Due Date:	/ /
Ground Water Professional Received Date:	05/09/06
Corrective Action Design Report Id:	0
Corrective Action Design Due Date:	Not reported
Corrective Action Design Record Date:	/ /

IA Hist Lust Status:

ID:	6140
Site Leak Number:	9LTM23
Discovered During:	C
Tanks Removed:	Not reported
Leak Cause:	Not reported
Gas:	Not reported
Diesel:	Yes
Oil:	Not reported
Kerosene:	Not reported
Released Fuel Oil:	Yes
Released Hydraulic Oil:	Not reported
Released Other Petroleum:	Not reported
Released Unknown:	Not reported
Released Non_Petroleum Chemical:	Not reported
Gallons Released:	Not reported
Leak Status:	Stopped
Loc Soil:	Not reported
Loc Ground Water:	Not reported
Loc Surface Water:	Not reported
Loc Water Supply:	Not reported
Res Public Water Supply:	Not reported
Resources Water Well:	Not reported
Res Actual Drinking WW:	Not reported
Res Non-Drink WW:	Not reported
respotprtg:	Not reported
ressoil:	Not reported
Res Ground Water:	Not reported
Res Surface Water:	Not reported
Res Toxic Vapor:	Not reported
Res Explosive Vapor:	Not reported
Res Other:	Not reported
Res Impacted Soil:	Yes
Res Impacted Ground Water:	Not reported
Res Impacted Water Well:	Not reported
Res Impacted Pub Water Supply:	Not reported
Res Impacted Surface Water:	Not reported
Res Impacted Toxic Vapor:	Not reported
Res Impacted Explosive Vapor:	Not reported
Res Impacted Other:	Not reported
Res Impacted Drinking WW:	Not reported
Res Impacted Non-Drink WW:	Not reported

GRANGER ELEMENTARY SCHOOL (Continued) **U001870602**

Res Impacted Potential Non Drink WW: Not reported
Officials Onsite Health: Not reported
Officials Onsite Fire: Not reported
Officials Onsite Law: Not reported
Officials Onsite Civil: Not reported
Officials Onsite None: Not reported
Officials Onsite Unknown: Yes
Officials Onsite Other: Not reported
AST: Not reported
UST/LUST Other: Not reported
Delete: No

IA Hist Lust Cause:
Release Cause: Line Corrosion

Release Cause: Tank Corrosion - Bare Steel Tank

IA Hist Lust Groundwater:
Groundwater Prof. Applicant Id Num.: 1992
Groundwater Pro. App. Last Name: BERGER
Groundwater Pro. App. First Name: DAVID R.
Groundwater Pro. Firm: URS CORPORATION
Groundwater Pro. Address: 2670 - 106TH STREET, #180
Groundwater Pro. Address 2: Not reported
Groundwater Pro. City: URBANDALE
Groundwater Pro. State: IA
Groundwater Pro. Zip Code: -50322
Groundwater Pro. Tele: 5152845500
Groundwater Pro. Fax: Not reported
Groundwater Pro. Email: david_berger@URSCORP.com
Groundwater Pro. Exp. Of Gwp Cert.: 12/31/2007 0:00
Is The Gwp Certified?: Yes
Is Gwp Cert. For Cadr?: Yes

IA Hist Lust Misc:
Misc Due Date: Not reported
Misc Rec Date: 5/9/06 0:00:00
Misc Other: Not reported
Misc Title: REC'D MTBE PER E-MAIL

IA Hist Lust Site Monitoring Report:
Site Monitoring Report Due Date: Not reported
Site Monitoring Report Rec Date: Not reported
Site Monitoring Report Reg Date: Not reported
Site Monitoring Report Rejected Date: Not reported
Site Monitoring Report Type: Not reported
Reclassification Request Type: Not reported
Site Monitoring Report Revd By: Not reported
GW professional ID: Not reported

IA Hist Lust Remediation:
Heat Treatment: Not reported
Land Application: Not reported
On Site: Not reported
Achieved Over-Excavation: Not reported
Soil Venting Passive: Not reported
Soil Venting Active: Not reported

GRANGER ELEMENTARY SCHOOL (Continued) **U001870602**

Bioremediation Passive:	Not reported
Bioremediation Active:	Not reported
In Situ GW Treatment - Air Sparging:	Not reported
Ground Water:	Not reported
Fresh Water:	Not reported
IGT - pH Adjustment:	Not reported
Nutrient:	Not reported
Oxygen:	Not reported
Biological:	Not reported
Permit Date:	Not reported
Other:	Not reported
Surface Treatment - Carbon Absorption:	Not reported
Biological:	Not reported
ST Other:	Not reported
TDT Sanitary Sewer:	Not reported
TDT Storm Sewer:	Not reported
Stream:	Not reported
TDT Other:	Not reported
Reduced Risk Plugged Well:	Not reported
RR Replace:	Not reported
RR Relocate:	Not reported
RR Other:	Not reported
Delete:	Not reported

IA Hist Lust Free Product Recovery:

FPR Report Assesment Due:	Not reported
FPR Report Received:	Not reported
FPR Report Accepted:	Not reported
FPR Report Rejected:	Not reported
FPR Report Revised:	Not reported

IA Hist Lust Corrective Action Design Report:

Corrective Action Design Record Date:	Not reported
Corrective Action Design Received:	Not reported
Corrective Action Design Accepted:	Not reported
Corrective Action Design Rejected:	Not reported
Revised Report Received:	Not reported

IA Hist Lust Tier 1 Report:

T1 Assesment Due:	12/23/05 0:00:00
T1 Received:	12/22/05 0:00:00
Tier 1 Consultant Recommends:	Not reported
T1 Accepted:	Not reported
T1 Rejected:	2/2/06 0:00:00
T1 Revised:	Not reported
T1 Reviewed:	KKL

T1 Assesment Due:	5/5/06 0:00:00
T1 Received:	5/9/06 0:00:00
Tier 1 Consultant Recommends:	Not reported
T1 Accepted:	Not reported
T1 Rejected:	Not reported
T1 Revised:	Not reported
T1 Reviewed:	Not reported

GRANGER ELEMENTARY SCHOOL (Continued) **U001870602**

IA Hist Lust Tier 2 Report:

T2 Assesment Due:	Not reported
T2 Received:	Not reported
T2 Accepted:	Not reported
T2 Rejected:	Not reported
T2 Reviewed:	Not reported

IA Hist Lust Tier 3 Report:

T3 Assesment Due:	Not reported
T3 Received:	Not reported
T3 Accepted:	Not reported
T3 Rejected:	Not reported

IA Hist Lust Administration:

ID:	6151
Owner Identified:	Yes
Responsible Party Found:	Yes
RP Date:	Not reported
Owner Broke:	No
ER Date:	Not reported
Cost Recovery Start Dt:	Not reported
CR Notice of Intent Dt:	Not reported
CR Appeal of NOI Dt:	Not reported
CR Final Decision Dt:	Not reported
CR EP Comm Lien Approval Dt:	Not reported
CR Lien:	Not reported
CR Ten Yr Renewal Dt:	Not reported
CR Lien Named:	No
crtyrdate:	Not reported
CR Remediation:	Not reported
Delete:	No
CR Amnt Received:	$0.00
CR End Date:	Not reported

IA Hist Lust 28E:

Counter:	Not reported
Staff Initials:	Not reported
Type:	Not reported
County:	Not reported
Part Of State:	Not reported
Priority Number:	Not reported
Reason:	Not reported
Responsible Party:	Not reported
rfpno:	Not reported
Removed:	Not reported
Date Removed:	Not reported
Field Office:	Not reported
Newlist:	Not reported
State Lead:	Not reported
Access Letter Mailed:	Not reported
Owner Signed Access:	Not reported
Signed Access to Contractor:	Not reported
Contractor Signed Access:	Not reported
Final Access Mailed:	Not reported
nfr:	Not reported

GRANGER ELEMENTARY SCHOOL (Continued) **U001870602**

Start Date: Not reported

IA Hist Lust AO:
Seq Number: Not reported
Distribution: Not reported
UST/LUST Other: Not reported
Order Type: Not reported
Legal Ref Start: Not reported
Division ADM Date: Not reported
CE Bureau Date: Not reported
AO Issue Date: Not reported
AO Number: Not reported
Name Of Parties: Not reported
Penalty Due Date: Not reported
Penalty Amount: Not reported
Penalty Paid Date: Not reported
Penalty Amount Paid: Not reported
AO Appeal Date: Not reported
ALJ Decision Date: Not reported
EPC Decision Date: Not reported
Attorney Gen Ref Date: Not reported
Final Court Decision: Not reported
Case Number: Not reported
County: Not reported
Action Required: Not reported
Compliance Due: Not reported
In Compliance Date: Not reported
Removed: Not reported
Staff Initials: Not reported

IA Hist Lust ATP:
Seq Number: 522
Last Name: Not reported
Priority Rank: Not reported
Type: Not reported
Reason: Not reported
ATP Due: Not reported
ATP Letter: / /
Financial Documents Recvd: / /
Able/Unable To Pay: Not reported
Final Letter: Not reported
Project Complete: No
RP Able to Pay: No
Project Removed: No
Staff Initials: Not reported
Comment: Not reported

IA Hist Lust Contract:
Seq Number: Not reported
Tank City: Not reported
Staff Initials: Not reported
Score: Not reported
Scope Completed: Not reported
Advertise: Not reported
Receive Bids: Not reported
Commission Approval: Not reported

GRANGER ELEMENTARY SCHOOL (Continued) **U001870602**

Contract Approved:	Not reported
Original Contract Amt:	Not reported
Change Orders:	Not reported
Paid to Date:	Not reported
SCR/CADR Received:	Not reported
SCR/CADR Approved:	Not reported
Contract:	Not reported

IA Hist Lust Bedrock Well:

ID:	Not reported
Category:	Not reported
Sample Water Supply:	Not reported
GIS Survey:	Not reported

IA Hist Lust Inst Control:

Inst Control Begin:	Not reported
Inst Control Type:	Not reported

IA Hist Lust Track:

ID:	6248
Site Assesment Start Date:	Not reported
Free Product Recvry End Date:	Not reported
FP Letter Sent Date:	Not reported
FP Report Frequency:	Not reported
Assesment Report Due:	Not reported
Assesment Report Received:	Not reported
Assesment Report Approved:	Not reported
Achieved Over-Excavation:	Not reported
Release Not Verified Date:	Not reported
Ref to Contaminated Site Section:	Not reported
Cleanup Start Date:	Not reported
Cleanup Complete Date:	Not reported
Cleanup Report Due Date:	Not reported
Cleanup Report Received Date:	Not reported
Cleanup Report Approved Date:	Not reported
Check Report Due Date:	Not reported
Check Report Received Date:	Not reported
Check Report Rejected Date:	Not reported
Check Report Approved Date:	Not reported
Date Classified:	Not reported
Risk Classification -NFA:	No
Class - Low Risk:	No
Class - High Risk:	No
Lust Current:	Not Classified
Tier 1 Consultant Recommends:	NFA
T1 Actual GW Ingestion:	No
T1 Poten GW Ingestion from Protected GW:	No
T1 Poten GW Ingestion from Protected GW:	No
T1 GW Vapor to Enclosed Space:	No
T1 GW to Plastic Water Line:	No
T1 Surface Water:	No
T1 Soil Leaching to GW:	No
T1 Soil Vapor to Enclosed Space:	No
T1 Soil to Plastic Line:	No
Tier 2 Consultant Recommends:	Not reported
T2 Actual GW Ingestion:	Not reported

GRANGER ELEMENTARY SCHOOL (Continued) **U001870602**

T2 Poten GW Ingestion from Protected GW:	Not reported
T2 Poten GW Ingestion from Protected GW:	Not reported
T2 GW Vapor to Enclosed Space:	Not reported
T2 GW to Plastic Water Line:	Not reported
T2 SW General Use:	Not reported
T2 SW Designated Use:	Not reported
T2 Soil Leaching to GW:	Not reported
T2 Soil Vapor to Enclosed Space:	Not reported
T2 Soil to Plastic Line:	Not reported
Institutional Control Obtained:	No
NFA Certificate Sent:	Not reported
No Action Required:	**No**
Priority Ranking:	5
Delete:	No

UST:

Registration:	198609853

UST:

Registration:	198609853
Status Description:	Non-regulated heating oil tanks - r/f
Type Description:	Private/Corporate
Tank Id:	29576
Install Date:	12/1/1954
Status Description:	Regulated tanks - r/f
Capacity:	8500
Content Description:	Other

HIST UST:

Tank Number:	001
Tank Status:	**Regulated tanks - r/f**
Tank Type:	Not reported
Tank Capacity:	8500
Currently In Use:	No
Tank Material and Construction:	Steel Int. Lined with Fiberglass
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported
Site Install Date:	12/1/54 0:00:00
Date Removed:	6/20/05 0:00:00
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Yes
TIP None:	Not reported
TIP Internal Unknown:	Not reported

GRANGER ELEMENTARY SCHOOL (Continued) **U001870602**

TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Yes
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported

GRANGER ELEMENTARY SCHOOL (Continued) **U001870602**

Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

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BI257 **KNUDSON TRANSMISSION SERVICE** **RCRA-CESQG** **1001960417**
NNE **4301 SE 14TH ST** **FINDS** **IAR000007971**
> 1 **DES MOINES, IA 50320**
2.050 mi.
10824 ft. **Site 1 of 3 in cluster BI**

Relative:
Higher

Actual:
890 ft.

RCRA-CESQG:

Date form received by agency:	10/24/2000
Facility name:	KNUDSON TRANSMISSION SERVICE
Facility address:	4301 SE 14TH ST DES MOINES, IA 503201639
EPA ID:	IAR000007971
Mailing address:	SE 14TH ST DES MOINES, IA 503201639
Contact:	WILLIAM KNUDSON
Contact address:	4301 SE 14TH ST DES MOINES, IA 503201639
Contact country:	US
Contact telephone:	(515) 285-7561
Contact email:	Not reported
EPA Region:	07
Land type:	Private
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name:	WILLIAM E KNUDSON
Owner/operator address:	140 E CLINTON INDIANOLA, IA 50125
Owner/operator country:	Not reported
Owner/operator telephone:	(515) 961-5800
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	01/01/0001
Owner/Op end date:	Not reported

KNUDSON TRANSMISSION SERVICE (Continued) **1001960417**

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): Unknown
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Verified to be non-commercial

Historical Generators:
Date form received by agency: 10/18/2000
Facility name: KNUDSON TRANSMISSION SERVICE
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 02/28/2000
Facility name: KNUDSON TRANSMISSION SERVICE
Classification: Small Quantity Generator

Hazardous Waste Summary:
Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 10/18/2000
Evaluation: COMPLIANCE ASSISTANCE VISIT
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

FINDS:

Registry ID: 110005778426

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and

KNUDSON TRANSMISSION SERVICE (Continued) **1001960417**

corrective action activities required under RCRA.

BJ258 **SCHLARBAUM AUTO BODY MICHAEL SCHLARBAUM** **UST** **U001870543**
WNW **5919 FLEUR DR** **HIST UST** **N/A**
> 1 **DES MOINES, IA 50321**
2.057 mi.
10859 ft. **Site 1 of 8 in cluster BJ**

Relative:
Higher

UST:
Registration: 198609680

Actual:
941 ft.

UST:
Registration: 198609680
Status Description: Regulated tanks - r/f
Type Description: Private/Corporate

Tank Id: 29209
Install Date: 6/1/1981
Status Description: Regulated tanks - r/f
Capacity: 1000
Content Description: Not reported

Registration: 198609680
Tank Id: 29210
Install Date: 12/1/1900
Status Description: Regulated tanks - r/f
Capacity: 500
Content Description: Used Oil

HIST UST:

Tank Number:	001
Tank Status:	**Regulated tanks - r/f**
Tank Type:	Commercial
Tank Capacity:	1000
Currently In Use:	No
Tank Material and Construction:	Unknown
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	1/1/00 0:00:00
Site Install Date:	6/1/81 0:00:00
Date Removed:	Not reported
Filled Inert:	Y
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Not reported
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported

SCHLARBAUM AUTO BODY MICHAEL SCHLARBAUM (Continued) **U001870543**

TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Not reported
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported

SCHLARBAUM AUTO BODY MICHAEL SCHLARBAUM (Continued) **U001870543**

Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

Tank Number:	002
Tank Status:	**Regulated tanks - r/f**
Tank Type:	Commercial
Tank Capacity:	500
Currently In Use:	No
Tank Material and Construction:	Unknown
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	1/1/00 0:00:00
Site Install Date:	12/1/00 0:00:00
Date Removed:	Not reported
Filled Inert:	Y
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Not reported
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Not reported

SCHLARBAUM AUTO BODY MICHAEL SCHLARBAUM (Continued) **U001870543**

PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Not reported
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

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BJ259 **H & A MINI MART CORP** **LUST** **U003928686**
WNW **5901 FLEUR DR** **HIST LUST** **N/A**
> 1 **DES MOINES, IA 50321** **UST**
2.063 mi. **HIST UST**
10895 ft. **Site 2 of 8 in cluster BJ**

Relative:
Higher

Actual:
942 ft.

LUST:

Registration:	198602860
Leak Number:	7LTB50
Date Reported:	11/4/1988
Date Cleanup Started:	4/26/1995
Date Cleanup Completed:	7/29/2004
Record Description:	No Action Required
Product Description:	Gasoline

HIST LUST:

Facility ID:	198602860
Leak Number:	7LTB50

H & A MINI MART CORP (Continued) **U003928686**

Leak Entry Date:	11/04/88
Spill Number:	Not reported
Occur Date:	Not reported
Occur Time:	Not reported
Discover Date:	11/2/1988 0:00
Discover Time:	Not reported
Facility Addr 2:	Not reported
Facility Phone:	Not reported
Facility Fax1:	Not reported
Facility Fax2:	Not reported
Owner Name:	H & A MINI MART CORP DBA PHILLIPS 66
Owner Type:	Private/Corporate
Owner Addr:	ANOOP SINGH
Owner Addr 2:	5901 FLEUR DRIVE
Owner City,St,Zip:	DES MOINES, IA 50321-
Owner Phone:	5152855928
Owner Fax:	5152850779
Lead:	Responsible Party
Coordinator:	ERD
Staff Initials:	BDJ
Leak Contact:	TRISTAN GROVER
Leak Address:	EL PASO CORP
Leak Address 2:	2670 106TH ST, STE 180
Leak City,St,Zip:	URBANDALE, IA 50322
Leak Phone:	5152845500
Record Name:	HORN
Record Date:	11/4/1988 0:00
Record Location:	Other
Reporter Name:	BILL FRANTZ
Reporter Business:	Not reported
Reporter Date:	11/04/88
Reporter Addr:	303 KEO, BOX 10006
Rprtr City,St,Zip:	DES MOINES, IA 503060000
Reporter Phone:	5152487265
Responsible Party:	David Zuvanich
RP Company:	EL PASO CORP
RP Address:	1001 Louisiana St
RP Address 2:	PO Box 2511
RP City,St,Zip:	Houston, TX 77002
RP Phone:	7134203414
RP Ext:	106
RP Fax:	7134458170
ER Date:	Not reported
Delete:	No
Ground Water Professional ID:	1538
Ground Water Professional Due Date:	/ /
Ground Water Professional Received Date:	08/04/99
Corrective Action Design Report Id:	1914
Corrective Action Design Due Date:	Not reported
Corrective Action Design Record Date:	12/20/02

IA Hist Lust Status:

ID:	1499
Site Leak Number:	7LTB50
Discovered During:	Removal
Tanks Removed:	5
Leak Cause:	Not reported
Gas:	Yes

H & A MINI MART CORP (Continued) **U003928686**

Diesel:	Not reported
Oil:	Not reported
Kerosene:	Not reported
Released Fuel Oil:	Not reported
Released Hydraulic Oil:	Not reported
Released Other Petroleum:	Not reported
Released Unknown:	Not reported
Released Non_Petroleum Chemical:	Not reported
Gallons Released:	000000000000
Leak Status:	Stopped
Loc Soil:	Yes
Loc Ground Water:	Not reported
Loc Surface Water:	Not reported
Loc Water Supply:	Not reported
Res Public Water Supply:	Not reported
Resources Water Well:	Not reported
Res Actual Drinking WW:	Not reported
Res Non-Drink WW:	Not reported
respotprtg:	Not reported
ressoil:	Not reported
Res Ground Water:	Not reported
Res Surface Water:	Not reported
Res Toxic Vapor:	Not reported
Res Explosive Vapor:	Not reported
Res Other:	Yes
Res Impacted Soil:	Not reported
Res Impacted Ground Water:	Not reported
Res Impacted Water Well:	Not reported
Res Impacted Pub Water Supply:	Not reported
Res Impacted Surface Water:	Not reported
Res Impacted Toxic Vapor:	Not reported
Res Impacted Explosive Vapor:	Not reported
Res Impacted Other:	Not reported
Res Impacted Drinking WW:	Not reported
Res Impacted Non-Drink WW:	Not reported
Res Impacted Potential Non Drink WW:	Not reported
Officials Onsite Health:	Not reported
Officials Onsite Fire:	Not reported
Officials Onsite Law:	Not reported
Officials Onsite Civil:	Not reported
Officials Onsite None:	Not reported
Officials Onsite Unknown:	Not reported
Officials Onsite Other:	Not reported
AST:	Not reported
UST/LUST Other:	Not reported
Delete:	No

IA Hist Lust Cause:

Release Cause:	Not reported

IA Hist Lust Groundwater:

Groundwater Prof. Applicant Id Num.	1538
Groundwater Pro. App. Last Name:	RENVILLE
Groundwater Pro. App. First Name:	TODD L.
Groundwater Pro. Firm:	ENECOTECH MIDWEST INC
Groundwater Pro. Address:	2915 WATERS ROAD, SUITE #110

H & A MINI MART CORP (Continued) **U003928686**

Groundwater Pro. Address 2: Not reported
Groundwater Pro. City: EAGAN
Groundwater Pro. State: MN
Groundwater Pro. Zip Code: 55121
Groundwater Pro. Tele: 6514051033
Groundwater Pro. Fax: Not reported
Groundwater Pro. Email: trenville@enecotech.com
Groundwater Pro. Exp. Of Gwp Cert.: 12/31/2003 0:00
Is The Gwp Certified?: No
Is Gwp Cert. For Cadr?: No

IA Hist Lust Misc:

Misc Due Date:	Not reported	Misc Rec Date:	1/29/02 0:00:00
Misc Other:	Not reported	Misc Title:	MTBE WORKSHEET & DISK
Misc Due Date:	Not reported	Misc Rec Date:	3/31/03 0:00:00
Misc Other:	Not reported	Misc Title:	MTBE WORKSHEET & DISK
Misc Due Date:	Not reported	Misc Rec Date:	11/29/99 0:00:00
Misc Other:	Not reported	Misc Title:	MTBE WORKSHEET & DISK
Misc Due Date:	Not reported	Misc Rec Date:	12/31/03 0:00:00
Misc Other:	Not reported	Misc Title:	MTBE WORKSHEET & DISK
Misc Due Date:	Not reported	Misc Rec Date:	10/30/00 0:00:00
Misc Other:	Not reported	Misc Title:	MTBE WORKSHEET & DISK

IA Hist Lust Site Monitoring Report:

Site Monitoring Report Due Date: 10/30/02 0:00:00
Site Monitoring Report Rec Date: 3/31/03 0:00:00
Site Monitoring Report Reg Date: Not reported
Site Monitoring Report Rejected Date: Not reported
Site Monitoring Report Type: L
Reclassification Request Type: Not reported
Site Monitoring Report Revd By: Not reported
GW professional ID: Not reported

Site Monitoring Report Due Date: 10/30/99 0:00:00
Site Monitoring Report Rec Date: 11/29/99 0:00:00
Site Monitoring Report Reg Date: Not reported
Site Monitoring Report Rejected Date: Not reported
Site Monitoring Report Type: L
Reclassification Request Type: Not reported
Site Monitoring Report Revd By: Not reported
GW professional ID: Not reported

Site Monitoring Report Due Date: 10/30/00 0:00:00
Site Monitoring Report Rec Date: 10/30/00 0:00:00
Site Monitoring Report Reg Date: Not reported
Site Monitoring Report Rejected Date: Not reported
Site Monitoring Report Type: L
Reclassification Request Type: Not reported
Site Monitoring Report Revd By: Not reported
GW professional ID: Not reported

Site Monitoring Report Due Date: 12/31/01 0:00:00

H & A MINI MART CORP (Continued) **U003928686**

Site Monitoring Report Rec Date:	1/29/02 0:00:00
Site Monitoring Report Reg Date:	Not reported
Site Monitoring Report Rejected Date:	Not reported
Site Monitoring Report Type:	L
Reclassification Request Type:	Not reported
Site Monitoring Report Revd By:	Not reported
GW professional ID:	Not reported
Site Monitoring Report Due Date:	10/30/03 0:00:00
Site Monitoring Report Rec Date:	12/31/03 0:00:00
Site Monitoring Report Reg Date:	Not reported
Site Monitoring Report Rejected Date:	7/29/04 0:00:00
Site Monitoring Report Type:	C
Reclassification Request Type:	NFA
Site Monitoring Report Revd By:	BDJ
GW professional ID:	Not reported

IA Hist Lust Remediation:

Heat Treatment:	No
Land Application:	No
On Site:	No
Achieved Over-Excavation:	No
Soil Venting Passive:	No
Soil Venting Active:	No
Bioremediation Passive:	No
Bioremediation Active:	No
In Situ GW Treatment - Air Sparging:	No
Ground Water:	No
Fresh Water:	No
IGT - pH Adjustment:	No
Nutrient:	No
Oxygen:	No
Biological:	No
Permit Date:	Not reported
Other:	No
Surface Treatment - Carbon Absorption:	No
Biological:	No
ST Other:	No
TDT Sanitary Sewer:	No
TDT Storm Sewer:	No
Stream:	No
TDT Other:	No
Reduced Risk Plugged Well:	No
RR Replace:	No
RR Relocate:	No
RR Other:	No
Delete:	No

IA Hist Lust Free Product Recovery:

FPR Report Assesment Due:	Not reported
FPR Report Received:	Not reported
FPR Report Accepted:	Not reported
FPR Report Rejected:	Not reported
FPR Report Revised:	Not reported

H & A MINI MART CORP (Continued) **U003928686**

IA Hist Lust Corrective Action Design Report:
- Corrective Action Design Record Date: Not reported
- Corrective Action Design Received: Not reported
- Corrective Action Design Accepted: Not reported
- Corrective Action Design Rejected: Not reported
- Revised Report Received: Not reported

IA Hist Lust Tier 1 Report:
- T1 Assesment Due: Not reported
- T1 Received: Not reported
- Tier 1 Consultant Recommends: Not reported
- T1 Accepted: Not reported
- T1 Rejected: Not reported
- T1 Revised: Not reported
- T1 Reviewed: Not reported

IA Hist Lust Tier 2 Report:
- T2 Assesment Due: Not reported
- T2 Received: 1/27/98 0:00:00
- T2 Accepted: 3/17/98 0:00:00
- T2 Rejected: Not reported
- T2 Reviewed: CMS

IA Hist Lust Tier 3 Report:
- T3 Assesment Due: Not reported
- T3 Received: Not reported
- T3 Accepted: Not reported
- T3 Rejected: Not reported

IA Hist Lust Administration:
- ID: 1499
- Owner Identified: No
- Responsible Party Found: No
- RP Date: Not reported
- Owner Broke: No
- ER Date: Not reported
- Cost Recovery Start Dt: Not reported
- CR Notice of Intent Dt: Not reported
- CR Appeal of NOI Dt: Not reported
- CR Final Decision Dt: Not reported
- CR EP Comm Lien Approval Dt: Not reported
- CR Lien: Not reported
- CR Ten Yr Renewal Dt: Not reported
- CR Lien Named: No
- crtyrdate: Not reported
- CR Remediation: Not reported
- Delete: No
- CR Amnt Received: Not reported
- CR End Date: Not reported

IA Hist Lust 28E:
- Counter: Not reported
- Staff Initials: Not reported
- Type: Not reported

H & A MINI MART CORP (Continued) **U003928686**

County:	Not reported
Part Of State:	Not reported
Priority Number:	Not reported
Reason:	Not reported
Responsible Party:	Not reported
rfpno:	Not reported
Removed:	Not reported
Date Removed:	Not reported
Field Office:	Not reported
Newlist:	Not reported
State Lead:	Not reported
Access Letter Mailed:	Not reported
Owner Signed Access:	Not reported
Signed Access to Contractor:	Not reported
Contractor Signed Access:	Not reported
Final Access Mailed:	Not reported
nfr:	Not reported
Start Date:	Not reported

IA Hist Lust AO:

Seq Number:	Not reported
Distribution:	Not reported
UST/LUST Other:	Not reported
Order Type:	Not reported
Legal Ref Start:	Not reported
Division ADM Date:	Not reported
CE Bureau Date:	Not reported
AO Issue Date:	Not reported
AO Number:	Not reported
Name Of Parties:	Not reported
Penalty Due Date:	Not reported
Penalty Amount:	Not reported
Penalty Paid Date:	Not reported
Penalty Amount Paid:	Not reported
AO Appeal Date:	Not reported
ALJ Decision Date:	Not reported
EPC Decision Date:	Not reported
Attorney Gen Ref Date:	Not reported
Final Court Decision:	Not reported
Case Number:	Not reported
County:	Not reported
Action Required:	Not reported
Compliance Due:	Not reported
In Compliance Date:	Not reported
Removed:	Not reported
Staff Initials:	Not reported

IA Hist Lust ATP:

Seq Number:	Not reported
Last Name:	Not reported
Priority Rank:	Not reported
Type:	Not reported
Reason:	Not reported
ATP Due:	Not reported
ATP Letter:	Not reported
Financial Documents Recvd:	Not reported

H & A MINI MART CORP (Continued) **U003928686**

Able/Unable To Pay:	Not reported
Final Letter:	Not reported
Project Complete:	Not reported
RP Able to Pay:	Not reported
Project Removed:	Not reported
Staff Initials:	Not reported
Comment:	Not reported

IA Hist Lust Contract:

Seq Number:	Not reported
Tank City:	Not reported
Staff Initials:	Not reported
Score:	Not reported
Scope Completed:	Not reported
Advertise:	Not reported
Receive Bids:	Not reported
Commission Approval:	Not reported
Contract Approved:	Not reported
Original Contract Amt:	Not reported
Change Orders:	Not reported
Paid to Date:	Not reported
SCR/CADR Received:	Not reported
SCR/CADR Approved:	Not reported
Contract:	Not reported

IA Hist Lust Bedrock Well:

ID:	Not reported
Category:	Not reported
Sample Water Supply:	Not reported
GIS Survey:	Not reported

IA Hist Lust Inst Control:

Inst Control Begin:	Not reported
Inst Control Type:	Not reported

IA Hist Lust Track:

ID:	1499
Site Assesment Start Date:	11/30/88 0:00:00
Free Product Recvry End Date:	Not reported
FP Letter Sent Date:	Not reported
FP Report Frequency:	Not reported
Assesment Report Due:	Not reported
Assesment Report Received:	Not reported
Assesment Report Approved:	Not reported
Achieved Over-Excavation:	Not reported
Release Not Verified Date:	Not reported
Ref to Contaminated Site Section:	Not reported
Cleanup Start Date:	4/26/95 0:00:00
Cleanup Complete Date:	7/29/04 0:00:00
Cleanup Report Due Date:	Not reported
Cleanup Report Received Date:	Not reported
Cleanup Report Approved Date:	Not reported
Check Report Due Date:	Not reported
Check Report Received Date:	Not reported
Check Report Rejected Date:	Not reported

H & A MINI MART CORP (Continued) **U003928686**

Check Report Approved Date:	Not reported
Date Classified:	7/29/04 0:00:00
Risk Classification -NFA:	Yes
Class - Low Risk:	No
Class - High Risk:	No
Lust Current:	No Action Required
Tier 1 Consultant Recommends:	Not reported
T1 Actual GW Ingestion:	No
T1 Poten GW Ingestion from Protected GW:	No
T1 Poten GW Ingestion from Protected GW:	No
T1 GW Vapor to Enclosed Space:	No
T1 GW to Plastic Water Line:	No
T1 Surface Water:	No
T1 Soil Leaching to GW:	No
T1 Soil Vapor to Enclosed Space:	No
T1 Soil to Plastic Line:	No
Tier 2 Consultant Recommends:	NFA
T2 Actual GW Ingestion:	NFA
T2 Poten GW Ingestion from Protected GW:	NFA
T2 Poten GW Ingestion from Protected GW:	NFA
T2 GW Vapor to Enclosed Space:	NFA
T2 GW to Plastic Water Line:	NFA
T2 SW General Use:	NFA
T2 SW Designated Use:	NFA
T2 Soil Leaching to GW:	NFA
T2 Soil Vapor to Enclosed Space:	NFA
T2 Soil to Plastic Line:	NFA
Institutional Control Obtained:	No
NFA Certificate Sent:	3/28/05 0:00:00
No Action Required:	**No**
Priority Ranking:	Not reported
Delete:	No

UST:

Registration:	198602860

UST:

Registration:	198602860
Status Description:	Regulated tanks - active
Type Description:	Private/Corporate
Tank Id:	7849
Install Date:	12/1/1971
Status Description:	Regulated tanks - r/f
Capacity:	8500
Content Description:	Gasoline
Registration:	198602860
Tank Id:	7851
Install Date:	12/1/1960
Status Description:	Regulated tanks - r/f
Capacity:	3500
Content Description:	Gasoline
Registration:	198602860
Tank Id:	7856

H & A MINI MART CORP (Continued) **U003928686**

Install Date: 12/1/1988
Status Description: Regulated tank - active
Capacity: 10000
Content Description: Gasoline

Registration: 198602860
Tank Id: 7852
Install Date: 12/1/1960
Status Description: Regulated tanks - r/f
Capacity: 3500
Content Description: Gasoline

Registration: 198602860
Tank Id: 7850
Install Date: 12/1/1971
Status Description: Regulated tanks - r/f
Capacity: 8500
Content Description: Gasoline

Registration: 198602860
Tank Id: 7853
Install Date: 12/1/1960
Status Description: Regulated tanks - r/f
Capacity: 3500
Content Description: Gasoline

Registration: 198602860
Tank Id: 7854
Install Date: 12/1/1988
Status Description: Regulated tank - active
Capacity: 10000
Content Description: Gasoline

Registration: 198602860
Tank Id: 7855
Install Date: 12/1/1988
Status Description: Regulated tank - active
Capacity: 10000
Content Description: Gasoline

HIST UST:

Tank Number:	001
Tank Status:	**Regulated tanks - r/f**
Tank Type:	Commercial
Tank Capacity:	8500
Currently In Use:	No
Tank Material and Construction:	Steel
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported
Site Install Date:	12/1/71 0:00:00
Date Removed:	11/1/88 0:00:00
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported

H & A MINI MART CORP (Continued) **U003928686**

No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Not reported
TIP Internal Unknown:	Not reported
TIP Internal Other:	NO
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	NO
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Yes
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported

H & A MINI MART CORP (Continued) **U003928686**

PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

Tank Number:	002
Tank Status:	**Regulated tanks - r/f**
Tank Type:	Commercial
Tank Capacity:	8500
Currently In Use:	No
Tank Material and Construction:	Steel
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported
Site Install Date:	12/1/71 0:00:00
Date Removed:	11/1/88 0:00:00
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Not reported
TIP Internal Unknown:	Not reported
TIP Internal Other:	NO
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	NO
Other Method Cathodic Protection:	Not reported

H & A MINI MART CORP (Continued) **U003928686**

Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Yes
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

Tank Number:	003
Tank Status:	**Regulated tanks - r/f**
Tank Type:	Commercial
Tank Capacity:	3500
Currently In Use:	No
Tank Material and Construction:	Steel
Tank Material and Construction Other:	Not reported

H & A MINI MART CORP (Continued) **U003928686**

Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported
Site Install Date:	12/1/60 0:00:00
Date Removed:	11/1/88 0:00:00
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Not reported
TIP Internal Unknown:	Not reported
TIP Internal Other:	NO
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	NO
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Yes
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported

H & A MINI MART CORP (Continued) **U003928686**

PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

Tank Number:	004
Tank Status:	**Regulated tanks - r/f**
Tank Type:	Commercial
Tank Capacity:	3500
Currently In Use:	No
Tank Material and Construction:	Steel
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported
Site Install Date:	12/1/60 0:00:00
Date Removed:	11/1/88 0:00:00
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Not reported
TIP Internal Unknown:	Not reported
TIP Internal Other:	NO
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported

H & A MINI MART CORP (Continued) **U003928686**

TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	NO
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Yes
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported

H & A MINI MART CORP (Continued) **U003928686**

Installation Cert. by LUST Board Cert. Inspector: Not reported

Tank Number:	005
Tank Status:	**Regulated tanks - r/f**
Tank Type:	Commercial
Tank Capacity:	3500
Currently In Use:	No
Tank Material and Construction:	Steel
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported
Site Install Date:	12/1/60 0:00:00
Date Removed:	11/1/88 0:00:00
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Not reported
TIP Internal Unknown:	Not reported
TIP Internal Other:	NO
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	NO
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Yes
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported

H & A MINI MART CORP (Continued) **U003928686**

PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

Click this hyperlink while viewing on your computer to access
3 additional IA HIST UST: record(s) in the EDR Site Report.

BJ260 **DSM GS** **HIST UST** **U003633673**
WNW **DES MOINES AIRPORT** **N/A**
> 1 **DES MOINES, IA 50321**
2.078 mi.
10971 ft. **Site 3 of 8 in cluster BJ**

Relative:
Higher

Actual:
938 ft.

HIST UST:

Tank Number:	001
Tank Status:	**Regulated tanks - r/f**
Tank Type:	Other
Tank Capacity:	515
Currently In Use:	No
Tank Material and Construction:	Steel
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported
Site Install Date:	8/1/76 0:00:00
Date Removed:	4/1/93 0:00:00
Filled Inert:	Not reported

DSM GS (Continued) **U003633673**

Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	1/1/00 0:00:00
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Not reported
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Yes
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported

DSM GS (Continued) **U003633673**

PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

Tank Number:	002
Tank Status:	**Regulated tanks - r/f**
Tank Type:	Other
Tank Capacity:	1000
Currently In Use:	No
Tank Material and Construction:	Steel
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported
Site Install Date:	1/1/69 0:00:00
Date Removed:	12/10/93 0:00:00
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	1/1/00 0:00:00
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Not reported
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported

DSM GS (Continued) **U003633673**

Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Yes
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

Tank Number:	003
Tank Status:	**Regulated tank - active**
Tank Type:	Industrial
Tank Capacity:	600

DSM GS (Continued) **U003633673**

Currently In Use:	Yes
Tank Material and Construction:	Double Wall FRP
Tank Material and Construction Other:	LINED EXCAVATION
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported
Site Install Date:	4/1/93 0:00:00
Date Removed:	Not reported
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Yes
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Yes
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Yes
LDS Interstitial Containments:	Yes
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	RAYCHEM TRACETEK INTER. MON.
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Not reported
PCP Fiberglass Reinforced Plastic:	Yes
PCP Double Wall Fiberglass Reinforced Plastic:	Yes
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported

DSM GS (Continued) **U003633673**

TOP Safer Suction:	Yes
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Yes
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Yes
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Yes
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Yes
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Yes
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Yes
Tanks/Pipes Tested for leaks during/after Install:	Yes
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

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BJ261 **BRADS COLLISION CENTER INC** **RCRA-CESQG** **1004466975**
WNW **5807 FLEUR DRIVE SUITE A** **FINDS** **IAD005279096**
> 1 **DES MOINES, IA 50321**
2.084 mi.
11005 ft. **Site 4 of 8 in cluster BJ**

Relative:
Higher

Actual:
937 ft.

RCRA-CESQG:

Date form received by agency:	10/05/2000
Facility name:	PRECISION COLLISION CENTER
Facility address:	5807 FLEUR DR DES MOINES, IA 50321
EPA ID:	IAD005279096
Mailing address:	FLEUR DR DES MOINES, IA 50321
Contact:	EDWARD MYERS
Contact address:	5807 FLEUR DR DES MOINES, IA 50321
Contact country:	US
Contact telephone:	(515) 953-7500
Contact email:	Not reported
EPA Region:	07
Land type:	Private
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any

BRADS COLLISION CENTER INC (Continued) **1004466975**

land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name:	RICHARD MARGUILESE
Owner/operator address:	2 RUAN CENTER STE 1000 DES MOINES, IA 50309
Owner/operator country:	Not reported
Owner/operator telephone:	(515) 245-3800
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	EDWARD MYERS
Owner/operator address:	5972 APPLEWOOD DR WEST DES MOINES, IA 50266
Owner/operator country:	Not reported
Owner/operator telephone:	(515) 770-5709
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	08/01/2000
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	Unknown
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No
Off-site waste receiver:	Verified to be non-commercial

Historical Generators:

Date form received by agency:	09/11/2000
Facility name:	PRECISION COLLISION CENTER
Classification:	Not a generator, verified

Date form received by agency:	02/10/1994
Facility name:	PRECISION COLLISION CENTER
Classification:	Conditionally Exempt Small Quantity Generator

BRADS COLLISION CENTER INC (Continued) **1004466975**

Hazardous Waste Summary:

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: F003
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F005
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

Evaluation Action Summary:

Evaluation date: 02/10/1994
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA Contractor/Grantee

FINDS:

Registry ID: 110001402465

Environmental Interest/Information System

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

BRADS COLLISION CENTER INC (Continued) **1004466975**

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

BK262 **U S POSTAL SERVICE - DES MOINES** **RCRA-NonGen** **1000906805**
WNW **6104 FLEUR DR** **FINDS** **IAD984595264**
> 1 **DES MOINES, IA 50321**
2.088 mi.
11024 ft. **Site 1 of 2 in cluster BK**

Relative:
Higher

Actual:
940 ft.

RCRA-NonGen:

Date form received by agency:	04/22/2003
Facility name:	U S POSTAL SERVICE - DES MOINES
Facility address:	6010 FLEUR DR DES MOINES, IA 503212854
EPA ID:	IAD984595264
Contact:	MICHAEL K CRONIN
Contact address:	6010 FLEUR DR DES MOINES, IA 503212854
Contact country:	US
Contact telephone:	(515) 283-7702
Contact email:	Not reported
EPA Region:	07
Land type:	Municipal
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	USPS - DES MOINES AMF
Owner/operator address:	6010 FLEUER DR DES MOINES, IA 50321
Owner/operator country:	US
Owner/operator telephone:	(515) 283-7702
Legal status:	Federal
Owner/Operator Type:	Operator
Owner/Op start date:	12/23/2002
Owner/Op end date:	Not reported
Owner/operator name:	DES MOINES INTERNATIONAL AIRPORT
Owner/operator address:	5800 FLEUR DR DES MOINES, IA 50309
Owner/operator country:	Not reported
Owner/operator telephone:	(515) 256-5100
Legal status:	Municipal
Owner/Operator Type:	Owner
Owner/Op start date:	01/01/0001
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No

U S POSTAL SERVICE - DES MOINES (Continued) **1000906805**

Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No
Off-site waste receiver:	Commercial status unknown

Historical Generators:

Date form received by agency:	05/19/1997
Facility name:	U S POSTAL SERVICE - DES MOINES
Classification:	Not a generator, verified
Violation Status:	No violations found

Evaluation Action Summary:

Evaluation date:	02/20/1996
Evaluation:	COMPLIANCE ASSISTANCE VISIT
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	EPA

FINDS:

Registry ID: 110005764253

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

BK263 **DSM AIRPORT - EAST CARGO FUELING** **UST** **U001735641**
WNW **6100 FLEUR DRIVE** **HIST UST** **N/A**
> 1 **DES MOINES, IA 50321**
2.088 mi.
11027 ft. **Site 2 of 2 in cluster BK**

Relative: Higher

UST:

Registration:	199217523

Actual: 940 ft.

UST:

Registration:	199217523
Status Description:	Regulated tanks - active
Type Description:	Municipal
Tank Id:	42075
Install Date:	6/1/2000
Status Description:	Regulated tank - active
Capacity:	10000

DSM AIRPORT - EAST CARGO FUELING (Continued) **U001735641**

Content Description: Gasoline

Registration: 199217523
Tank Id: 42074
Install Date: 7/1/1992
Status Description: Regulated tank - active
Capacity: 10000
Content Description: Gasoline

HIST UST:

Tank Number:	001
Tank Status:	**Regulated tank - active**
Tank Type:	Commercial
Tank Capacity:	10000
Currently In Use:	Yes
Tank Material and Construction:	Double Wall FRP
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported
Site Install Date:	7/1/92 0:00:00
Date Removed:	Not reported
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Yes
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Yes
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Yes
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Yes
LDS Tank Tightness Testing:	Yes
LDS Statistical:	Not reported

DSM AIRPORT - EAST CARGO FUELING (Continued) **U001735641**

LDS Manual Guaging:	Not reported
LDS None:	Yes
LDS Other:	VEEDER-ROOT TLS 350 W/CSLD
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Not reported
PCP Fiberglass Reinforced Plastic:	Yes
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Yes
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Yes
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Yes
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Yes
Catchment Basin Size:	2
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Yes
Automatic Shutoff Device:	Yes
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Yes
Manufacturer Checklist Completed:	Yes
Tanks/Pipes Tested for leaks during/after Install:	Yes
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

Tank Number:	002
Tank Status:	**Regulated tank - active**
Tank Type:	Commercial
Tank Capacity:	10000
Currently In Use:	Yes
Tank Material and Construction:	Double Wall FRP
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported
Site Install Date:	6/1/00 0:00:00
Date Removed:	Not reported
Filled Inert:	Not reported
Date Filled in Place:	Not reported

DSM AIRPORT - EAST CARGO FUELING (Continued) **U001735641**

Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Not reported
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Yes
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Yes
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	VEEDER-ROOT TLS 350 W/CSLD
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Not reported
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Yes
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Yes
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Yes
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Yes
PLD Suction:	Not reported

DSM AIRPORT - EAST CARGO FUELING (Continued) **U001735641**

PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Yes
Catchment Basin Size:	2
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Yes
Automatic Shutoff Device:	Yes
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Yes
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Yes
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	X
Installation Cert. by LUST Board Cert. Inspector:	X

BJ264 **SEE 200500033** **LUST** **S107943416**
WNW **5800 FLEUR DRIVE** **TIER 2** **N/A**
> 1 **DES MOINES, IA 50315**
2.093 mi.
11052 ft. **Site 5 of 8 in cluster BJ**

Relative:
Higher

Actual:
934 ft.

LUST:

Registration:	198603443
Leak Number:	8LTC63
Date Reported:	10/16/1990
Date Cleanup Started:	11/13/1990
Date Cleanup Completed:	12/7/1992
Record Description:	No Action Required
Product Description:	Gasoline

TIER 2:

State Id:	IA
Report Year:	2008
Fire District:	Des Moines Fire Department
Site Map:	T
Date Signed:	2009-01-29T10:16:23
Date Modified:	2009-01-29T10:15:39
Site Coord Abbreviation:	F
Latitude:	41.532792000000001
Longitude:	-93.648229000000001
Dike Or Other Safeguard:	F
Mailing Address:	5800 Fleur Dr #208
Mail City:	Des Moines
Mail State:	IA
Mail Zip:	50321
Mail Country:	US
Notes:	Not reported

Facility:

Record Key:	FDIDSIT2B50001938
Facility Record Id:	FAIDSIT2A00001938
Id:	Not reported
Description:	TRIFID
Last Modified:	2009-01-29T10:15:39

SEE 200500033 (Continued) **S107943416**

Record Key: FDIDSIT2B10001938
Facility Record Id: FAIDSIT2A00001938
Id: 4512
Description: SIC
Last Modified: 2009-01-29T10:15:39

Record Key: FDIDSIT2B40001938
Facility Record Id: FAIDSIT2A00001938
Id: Not reported
Description: EIN #
Last Modified: 2009-01-29T10:15:39

Record Key: FDIDSIT2B30001938
Facility Record Id: FAIDSIT2A00001938
Id: 481111
Description: NAICS
Last Modified: 2009-01-29T10:15:39

Record Key: FDIDSIT2B20001938
Facility Record Id: FAIDSIT2A00001938
Id: 416963508
Description: Dun & Bradstreet
Last Modified: 2009-01-29T10:15:39

Contact:
First Name: Not reported
Last Name: Not reported
Title: Not reported
Email: Not reported
Address: 5800 Fleur Dr #208
City: Des Moines
Country: Not reported
State: IA
Zip Code: 50321
Type1: Mailing
Type2: Not reported
Type3: Not reported
Type4: Not reported
Contact Id: CTIDSIT2FM0001938
Date Modified: 2009-01-29T10:15:39

Telephone: 515-256-5711
Telephone Type: Emergency
Last Modified: 2009-01-29T10:15:39
Record Key: PHIDSIT2HM0001938
Contact Id: CTIDSIT2FM0001938

Contact:
First Name: Not reported
Last Name: Roger Primrose
Title: Station Manager, DSM
Email: Not reported
Address: Not reported
City: Not reported
Country: Not reported

SEE 200500033 (Continued) **S107943416**

State: Not reported
Zip Code: Not reported
Type1: Emergency Contact
Type2: Not reported
Type3: Not reported
Type4: Not reported
Contact Id: CTIDSIT2F00006053
Date Modified: 2009-01-29T10:15:39

Telephone: 515-256-5711
Telephone Type: Phone
Last Modified: 2009-01-29T10:15:39
Record Key: PHIDSIT2H00018157
Contact Id: CTIDSIT2F00006053

Telephone: 515-710-3159
Telephone Type: 24 Hr. Phone
Last Modified: 2009-01-29T10:15:39
Record Key: PHIDSIT2H00018158
Contact Id: CTIDSIT2F00006053

Contact:
First Name: Not reported
Last Name: NWA
Title: Systems Ops Control
Email: Not reported
Address: Not reported
City: Not reported
Country: Not reported
State: Not reported
Zip Code: Not reported
Type1: Emergency Contact
Type2: Not reported
Type3: Not reported
Type4: Not reported
Contact Id: CTIDSIT2F00006054
Date Modified: 2009-01-29T10:15:39

Telephone: 612-727-0307
Telephone Type: Phone
Last Modified: 2009-01-29T10:15:39
Record Key: PHIDSIT2H00018160
Contact Id: CTIDSIT2F00006054

Telephone: 612-727-0307
Telephone Type: 24 Hr. Phone
Last Modified: 2009-01-29T10:15:39
Record Key: PHIDSIT2H00018161
Contact Id: CTIDSIT2F00006054

Contact:
First Name: Not reported
Last Name: NWA: Roger Primrose
Title: Not reported

SEE 200500033 (Continued) **S107943416**

Email:	Not reported
Address:	Des Moines International Airport
City:	Des Moines
Country:	US
State:	IA
Zip Code:	50321
Type1:	Owner / Operator
Type2:	Not reported
Type3:	Not reported
Type4:	Not reported
Contact Id:	CTIDSIT2FO0001938
Date Modified:	2009-01-29T10:15:39
Telephone:	515-256-5177
Telephone Type:	Emergency
Last Modified:	2009-01-29T10:15:39
Record Key:	PHIDSIT2HO0001938
Contact Id:	CTIDSIT2FO0001938

Chemical:

Acute:	T
Ave Amount:	99999
Ave Amount Code:	04
Facility Id:	FAIDSIT2A00001938
Chem Inv Record Id:	CVIDSIT2C00011575
Chronic:	T
Cicas:	57556
EHS Chemical:	F
Last Modified:	2008-06-02T16:01:13
Days On Site:	365
Chemical Name:	PROPYLENE GLYCOL
Fire:	F
Gas:	F
Liquid:	T
Max Amount:	99999
Max Amount Code:	04
Mixture:	T
Pressure:	F
Pure:	T
Reactive:	F
Solid:	F
Trade Secret:	F

Chemical Loc:

Record Key:	CLIDSIT2D00018815
Chem Inv Record Id:	CVIDSIT2C00011575
Facility Id:	FAIDSIT2A00001938
Type Code:	A
Pressure Code:	1
Temperature Code:	4
Location:	8800 GALLON ABOVE GROUND TANK AT EAST CARGO RAMP
Amount:	0

BJ265 **SEE 200500033** **UST** **U003929565**
WNW **5800 FLEUR DRIVE** **HIST UST** **N/A**
> 1 **DES MOINES, IA 50315**
2.093 mi.
11052 ft. **Site 6 of 8 in cluster BJ**

Relative:
Higher

UST:
Registration: 198603443

Actual:
934 ft.

UST:
Registration: 198603443
Status Description: Regulated tanks - r/f
Type Description: Municipal

Tank Id: 9462
Install Date: 8/1/1982
Status Description: Regulated tanks - r/f
Capacity: 500
Content Description: Diesel

Registration: 198603443
Tank Id: 9458
Install Date: 4/1/1971
Status Description: Regulated tanks - r/f
Capacity: 5000
Content Description: Diesel

Registration: 198603443
Tank Id: 9460
Install Date: 8/1/1982
Status Description: Regulated tanks - r/f
Capacity: 500
Content Description: Gasoline

Registration: 198603443
Tank Id: 9459
Install Date: 8/1/1982
Status Description: Regulated tanks - r/f
Capacity: 1000
Content Description: Diesel

Registration: 198603443
Tank Id: 9461
Install Date: 8/1/1982
Status Description: Regulated tanks - r/f
Capacity: 1000
Content Description: Other

Registration: 198603443
Tank Id: 9464
Install Date: 11/1/1970
Status Description: Regulated tanks - r/f
Capacity: 10000
Content Description: Gasoline

Registration: 198603443
Tank Id: 9463
Install Date: 11/1/1973
Status Description: Non-regulated heating oil tank - r/f
Capacity: 15000

SEE 200500033 (Continued) **U003929565**

Content Description: Diesel

Registration: 198603443
Tank Id: 9457
Install Date: 4/1/1971
Status Description: Regulated tanks - r/f
Capacity: 5000
Content Description: Gasoline

Registration: 198603443
Tank Id: 9456
Install Date: 4/1/1973
Status Description: Regulated tanks - r/f
Capacity: 500
Content Description: Used Oil

HIST UST:

Tank Number:	001
Tank Status:	**Regulated tanks - r/f**
Tank Type:	Other
Tank Capacity:	500
Currently In Use:	No
Tank Material and Construction:	Steel
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported
Site Install Date:	4/1/73 0:00:00
Date Removed:	5/11/92 0:00:00
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	1/1/00 0:00:00
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Not reported
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported

SEE 200500033 (Continued) **U003929565**

Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Yes
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

Tank Number:	002
Tank Status:	**Regulated tanks - r/f**
Tank Type:	Other
Tank Capacity:	5000
Currently In Use:	No
Tank Material and Construction:	Steel
Tank Material and Construction Other:	Not reported

SEE 200500033 (Continued) **U003929565**

Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported
Site Install Date:	4/1/71 0:00:00
Date Removed:	5/11/92 0:00:00
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	1/1/00 0:00:00
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Not reported
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Yes
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported

SEE 200500033 (Continued) **U003929565**

PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

Tank Number:	003
Tank Status:	**Regulated tanks - r/f**
Tank Type:	Other
Tank Capacity:	5000
Currently In Use:	No
Tank Material and Construction:	Steel
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported
Site Install Date:	4/1/71 0:00:00
Date Removed:	5/11/92 0:00:00
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	1/1/00 0:00:00
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Not reported
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported

SEE 200500033 (Continued) **U003929565**

TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Yes
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported

SEE 200500033 (Continued) **U003929565**

Installation Cert. by LUST Board Cert. Inspector: Not reported

Tank Number:	004
Tank Status:	**Regulated tanks - r/f**
Tank Type:	Other
Tank Capacity:	1000
Currently In Use:	No
Tank Material and Construction:	FRP
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported
Site Install Date:	8/1/82 0:00:00
Date Removed:	8/3/94 0:00:00
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Not reported
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Not reported
PCP Fiberglass Reinforced Plastic:	Yes
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported

SEE 200500033 (Continued) **U003929565**

PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

Tank Number:	005
Tank Status:	**Regulated tanks - r/f**
Tank Type:	Other
Tank Capacity:	500
Currently In Use:	No
Tank Material and Construction:	FRP
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported
Site Install Date:	8/1/82 0:00:00
Date Removed:	8/3/94 0:00:00
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported

SEE 200500033 (Continued) **U003929565**

Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Not reported
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Not reported
PCP Fiberglass Reinforced Plastic:	Yes
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported

SEE 200500033 (Continued) **U003929565**

Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

Click this hyperlink while viewing on your computer to access
4 additional IA HIST UST: record(s) in the EDR Site Report.

BJ266 **DES MOINES INTERNATIONAL AIRPORT** **UST** **U004022257**
WNW **5800 FLUER DRIVE** **HIST UST** **N/A**
> 1 **DES MOINES, IA 50309**
2.093 mi.
11052 ft. **Site 7 of 8 in cluster BJ**

Relative: Higher

UST:
Registration: 200500033

Actual: 934 ft.

UST:

Registration:	200500033
Status Description:	Regulated tanks - active
Type Description:	Municipal
Tank Id:	43980
Install Date:	4/1/2002
Status Description:	Regulated tank - active
Capacity:	2500
Content Description:	Diesel

HIST UST:

Tank Number:	001
Tank Status:	**Regulated tank - active**
Tank Type:	Not reported
Tank Capacity:	2500
Currently In Use:	Yes
Tank Material and Construction:	FRP
Tank Material and Construction Other:	XERXES
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported
Site Install Date:	4/1/02 0:00:00
Date Removed:	Not reported
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported

DES MOINES INTERNATIONAL AIRPORT (Continued) **U004022257**

TIP Internal Lining:	Not reported
TIP None:	Yes
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Yes
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Yes
LDS Auto-Guaging:	Yes
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	VEEDER ROOT TLS 350+
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Not reported
PCP Fiberglass Reinforced Plastic:	Yes
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Yes
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Yes
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Yes
Catchment Basin Size:	5
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Yes
Automatic Shutoff Device:	Not reported

DES MOINES INTERNATIONAL AIRPORT (Continued) **U004022257**

Flow Restrictor:	Yes
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Yes
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Yes
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	X
Installation Cert. by LUST Board Cert. Inspector:	X

BJ267 **DES MOINES INTERNATIONAL AIRPORT** **HIST LUST** **1004468769**
WNW **5800 FLEUR DRIVE** **TIER 2** **N/A**
> 1 **DES MOINES, IA 50315**
2.093 mi.
11052 ft. **Site 8 of 8 in cluster BJ**

Relative:
Higher

Actual:
934 ft.

HIST LUST:

Facility ID:	198603443
Leak Number:	8LTC63
Leak Entry Date:	10/29/90
Spill Number:	Not reported
Occur Date:	Not reported
Occur Time:	Not reported
Discover Date:	Not reported
Discover Time:	Not reported
Facility Addr 2:	Not reported
Facility Phone:	Not reported
Facility Fax1:	Not reported
Facility Fax2:	Not reported
Owner Name:	CITY OF DES MOINES
Owner Type:	Municipal
Owner Addr:	400 EAST FIRST ST
Owner City,St,Zip:	DES MOINES, IA 50309-
Owner Phone:	0000000000
Owner Fax:	Not reported
Lead:	State Fund
Coordinator:	ERD
Staff Initials:	Not reported
Leak Contact:	WILLIAM FLANNERY
Leak Address:	Not reported
Leak City,St,Zip:	0
Leak Phone:	5152834257
Record Name:	ROGGE
Record Date:	10/23/1990 0:00
Record Location:	Lust
Reporter Name:	MIKE KLAPP
Reporter Business:	CITY OF DES MOINES
Reporter Date:	10/16/90
Reporter Addr:	CITY HALL
Rprtr City,St,Zip:	DES MOINES, IA 503070000
Reporter Phone:	5152834931
Responsible Party:	Not reported
RP Company:	Not reported
RP Address:	Not reported
RP City,St,Zip:	0
RP Phone:	0
RP Ext:	Not reported
RP Fax:	Not reported

DES MOINES INTERNATIONAL AIRPORT (Continued) **1004468769**

ER Date:	Not reported
Delete:	No
Ground Water Professional ID:	0
Ground Water Professional Due Date:	05/20/92
Ground Water Professional Received Date:	12/02/92
Corrective Action Design Report Id:	0
Corrective Action Design Due Date:	Not reported
Corrective Action Design Record Date:	/ /

IA Hist Lust Status:

ID:	1738
Site Leak Number:	8LTC63
Discovered During:	Other
Tanks Removed:	0
Leak Cause:	Not reported
Gas:	Yes
Diesel:	Not reported
Oil:	Not reported
Kerosene:	Not reported
Released Fuel Oil:	Not reported
Released Hydraulic Oil:	Not reported
Released Other Petroleum:	Not reported
Released Unknown:	Not reported
Released Non_Petroleum Chemical:	Not reported
Gallons Released:	000000000000
Leak Status:	Unknown
Loc Soil:	Not reported
Loc Ground Water:	Not reported
Loc Surface Water:	Not reported
Loc Water Supply:	Not reported
Res Public Water Supply:	Not reported
Resources Water Well:	Not reported
Res Actual Drinking WW:	Not reported
Res Non-Drink WW:	Not reported
respotprtg:	Not reported
ressoil:	Not reported
Res Ground Water:	Not reported
Res Surface Water:	Not reported
Res Toxic Vapor:	Not reported
Res Explosive Vapor:	Not reported
Res Other:	Not reported
Res Impacted Soil:	Not reported
Res Impacted Ground Water:	Not reported
Res Impacted Water Well:	Not reported
Res Impacted Pub Water Supply:	Not reported
Res Impacted Surface Water:	Not reported
Res Impacted Toxic Vapor:	Not reported
Res Impacted Explosive Vapor:	Not reported
Res Impacted Other:	Not reported
Res Impacted Drinking WW:	Not reported
Res Impacted Non-Drink WW:	Not reported
Res Impacted Potential Non Drink WW:	Not reported
Officials Onsite Health:	Not reported
Officials Onsite Fire:	Not reported
Officials Onsite Law:	Not reported
Officials Onsite Civil:	Not reported
Officials Onsite None:	Not reported
Officials Onsite Unknown:	Yes

DES MOINES INTERNATIONAL AIRPORT (Continued) **1004468769**

Officials Onsite Other:	Not reported
AST:	Not reported
UST/LUST Other:	Not reported
Delete:	No

IA Hist Lust Cause:

Release Cause:	Not reported

IA Hist Lust Misc:

Misc Due Date:	1/13/91 0:00:00	Misc Rec Date:	2/27/91 0:00:00
Misc Other:	Not reported	Misc Title:	Not reported

IA Hist Lust Site Monitoring Report:

Site Monitoring Report Due Date:	Not reported
Site Monitoring Report Rec Date:	Not reported
Site Monitoring Report Reg Date:	Not reported
Site Monitoring Report Rejected Date:	Not reported
Site Monitoring Report Type:	Not reported
Reclassification Request Type:	Not reported
Site Monitoring Report Revd By:	Not reported
GW professional ID:	Not reported

IA Hist Lust Remediation:

Heat Treatment:	No
Land Application:	No
On Site:	No
Achieved Over-Excavation:	Yes
Soil Venting Passive:	No
Soil Venting Active:	No
Bioremediation Passive:	No
Bioremediation Active:	No
In Situ GW Treatment - Air Sparging:	No
Ground Water:	No
Fresh Water:	No
IGT - pH Adjustment:	No
Nutrient:	No
Oxygen:	No
Biological:	No
Permit Date:	Not reported
Other:	No
Surface Treatment - Carbon Absorption:	No
Biological:	No
ST Other:	No
TDT Sanitary Sewer:	No
TDT Storm Sewer:	No
Stream:	No
TDT Other:	No
Reduced Risk Plugged Well:	No
RR Replace:	No
RR Relocate:	No
RR Other:	No
Delete:	No

IA Hist Lust Free Product Recovery:

FPR Report Assesment Due:	Not reported

DES MOINES INTERNATIONAL AIRPORT (Continued) **1004468769**

FPR Report Received:	Not reported
FPR Report Accepted:	Not reported
FPR Report Rejected:	Not reported
FPR Report Revised:	Not reported

IA Hist Lust Corrective Action Design Report:

Corrective Action Design Record Date:	Not reported
Corrective Action Design Received:	Not reported
Corrective Action Design Accepted:	Not reported
Corrective Action Design Rejected:	Not reported
Revised Report Received:	Not reported

IA Hist Lust Tier 1 Report:

T1 Assesment Due:	Not reported
T1 Received:	Not reported
Tier 1 Consultant Recommends:	Not reported
T1 Accepted:	Not reported
T1 Rejected:	Not reported
T1 Revised:	Not reported
T1 Reviewed:	Not reported

IA Hist Lust Tier 2 Report:

T2 Assesment Due:	Not reported
T2 Received:	Not reported
T2 Accepted:	Not reported
T2 Rejected:	Not reported
T2 Reviewed:	Not reported

IA Hist Lust Tier 3 Report:

T3 Assesment Due:	Not reported
T3 Received:	Not reported
T3 Accepted:	Not reported
T3 Rejected:	Not reported

IA Hist Lust Administration:

ID:	1738
Owner Identified:	Yes
Responsible Party Found:	Yes
RP Date:	10/29/90 0:00:00
Owner Broke:	No
ER Date:	Not reported
Cost Recovery Start Dt:	Not reported
CR Notice of Intent Dt:	Not reported
CR Appeal of NOI Dt:	Not reported
CR Final Decision Dt:	Not reported
CR EP Comm Lien Approval Dt:	Not reported
CR Lien:	Not reported
CR Ten Yr Renewal Dt:	Not reported
CR Lien Named:	No
crtyrdate:	Not reported
CR Remediation:	Not reported
Delete:	No
CR Amnt Received:	Not reported
CR End Date:	Not reported

DES MOINES INTERNATIONAL AIRPORT (Continued) **1004468769**

IA Hist Lust 28E:

Counter:	Not reported
Staff Initials:	Not reported
Type:	Not reported
County:	Not reported
Part Of State:	Not reported
Priority Number:	Not reported
Reason:	Not reported
Responsible Party:	Not reported
rfpno:	Not reported
Removed:	Not reported
Date Removed:	Not reported
Field Office:	Not reported
Newlist:	Not reported
State Lead:	Not reported
Access Letter Mailed:	Not reported
Owner Signed Access:	Not reported
Signed Access to Contractor:	Not reported
Contractor Signed Access:	Not reported
Final Access Mailed:	Not reported
nfr:	Not reported
Start Date:	Not reported

IA Hist Lust AO:

Seq Number:	Not reported
Distribution:	Not reported
UST/LUST Other:	Not reported
Order Type:	Not reported
Legal Ref Start:	Not reported
Division ADM Date:	Not reported
CE Bureau Date:	Not reported
AO Issue Date:	Not reported
AO Number:	Not reported
Name Of Parties:	Not reported
Penalty Due Date:	Not reported
Penalty Amount:	Not reported
Penalty Paid Date:	Not reported
Penalty Amount Paid:	Not reported
AO Appeal Date:	Not reported
ALJ Decision Date:	Not reported
EPC Decision Date:	Not reported
Attorney Gen Ref Date:	Not reported
Final Court Decision:	Not reported
Case Number:	Not reported
County:	Not reported
Action Required:	Not reported
Compliance Due:	Not reported
In Compliance Date:	Not reported
Removed:	Not reported
Staff Initials:	Not reported

IA Hist Lust ATP:

Seq Number:	Not reported
Last Name:	Not reported
Priority Rank:	Not reported
Type:	Not reported

DES MOINES INTERNATIONAL AIRPORT (Continued) **1004468769**

Reason:	Not reported
ATP Due:	Not reported
ATP Letter:	Not reported
Financial Documents Recvd:	Not reported
Able/Unable To Pay:	Not reported
Final Letter:	Not reported
Project Complete:	Not reported
RP Able to Pay:	Not reported
Project Removed:	Not reported
Staff Initials:	Not reported
Comment:	Not reported

IA Hist Lust Contract:

Seq Number:	Not reported
Tank City:	Not reported
Staff Initials:	Not reported
Score:	Not reported
Scope Completed:	Not reported
Advertise:	Not reported
Receive Bids:	Not reported
Commission Approval:	Not reported
Contract Approved:	Not reported
Original Contract Amt:	Not reported
Change Orders:	Not reported
Paid to Date:	Not reported
SCR/CADR Received:	Not reported
SCR/CADR Approved:	Not reported
Contract:	Not reported

IA Hist Lust Bedrock Well:

ID:	Not reported
Category:	Not reported
Sample Water Supply:	Not reported
GIS Survey:	Not reported

IA Hist Lust Inst Control:

Inst Control Begin:	Not reported
Inst Control Type:	Not reported

IA Hist Lust Track:

ID:	1738
Site Assesment Start Date:	11/13/90 0:00:00
Free Product Recvry End Date:	Not reported
FP Letter Sent Date:	Not reported
FP Report Frequency:	Not reported
Assesment Report Due:	10/20/92 0:00:00
Assesment Report Received:	12/2/92 0:00:00
Assesment Report Approved:	12/7/92 0:00:00
Achieved Over-Excavation:	Yes
Release Not Verified Date:	Not reported
Ref to Contaminated Site Section:	Not reported
Cleanup Start Date:	11/13/90 0:00:00
Cleanup Complete Date:	12/7/92 0:00:00
Cleanup Report Due Date:	Not reported
Cleanup Report Received Date:	Not reported

DES MOINES INTERNATIONAL AIRPORT (Continued) **1004468769**

Cleanup Report Approved Date:	Not reported
Check Report Due Date:	Not reported
Check Report Received Date:	Not reported
Check Report Rejected Date:	Not reported
Check Report Approved Date:	Not reported
Date Classified:	12/7/92 0:00:00
Risk Classification -NFA:	Yes
Class - Low Risk:	No
Class - High Risk:	No
Lust Current:	No Action Required
Tier 1 Consultant Recommends:	Not reported
T1 Actual GW Ingestion:	No
T1 Poten GW Ingestion from Protected GW:	No
T1 Poten GW Ingestion from Protected GW:	No
T1 GW Vapor to Enclosed Space:	No
T1 GW to Plastic Water Line:	No
T1 Surface Water:	No
T1 Soil Leaching to GW:	No
T1 Soil Vapor to Enclosed Space:	No
T1 Soil to Plastic Line:	No
Tier 2 Consultant Recommends:	Not reported
T2 Actual GW Ingestion:	Not reported
T2 Poten GW Ingestion from Protected GW:	Not reported
T2 Poten GW Ingestion from Protected GW:	Not reported
T2 GW Vapor to Enclosed Space:	Not reported
T2 GW to Plastic Water Line:	Not reported
T2 SW General Use:	Not reported
T2 SW Designated Use:	Not reported
T2 Soil Leaching to GW:	Not reported
T2 Soil Vapor to Enclosed Space:	Not reported
T2 Soil to Plastic Line:	Not reported
Institutional Control Obtained:	No
NFA Certificate Sent:	Not reported
No Action Required:	**No**
Priority Ranking:	Not reported
Delete:	No

TIER 2:

State Id:	IA
Report Year:	2009
Fire District:	Des Moines Fire Department
Site Map:	F
Date Signed:	2010-03-10T10:07:49
Date Modified:	2010-03-10T09:54:56
Site Coord Abbreviation:	F
Latitude:	41.532795999999998
Longitude:	-93.648230999999996
Dike Or Other Safeguard:	F
Mailing Address:	Not reported
Mail City:	Not reported
Mail State:	Not reported
Mail Zip:	Not reported
Mail Country:	Not reported
Notes:	Not reported

Facility:

DES MOINES INTERNATIONAL AIRPORT (Continued) **1004468769**

Record Key: FDIDSIT2B40002957
Facility Record Id: FAIDSIT2A00002957
Id: Not reported
Description: EIN #
Last Modified: 2010-03-10T09:54:56

Record Key: FDIDSIT2B30002957
Facility Record Id: FAIDSIT2A00002957
Id: 488119
Description: NAICS
Last Modified: 2010-03-10T09:54:56

Record Key: FDIDSIT2B50002957
Facility Record Id: FAIDSIT2A00002957
Id: Not reported
Description: TRIFID
Last Modified: 2010-03-10T09:54:56

Record Key: FDIDSIT2B20002957
Facility Record Id: FAIDSIT2A00002957
Id: 006933030
Description: Dun & Bradstreet
Last Modified: 2010-03-10T09:54:56

Record Key: FDIDSIT2B10002957
Facility Record Id: FAIDSIT2A00002957
Id: 4512
Description: SIC
Last Modified: 2010-03-10T09:54:56

Contact:
First Name: Not reported
Last Name: Not reported
Title: Not reported
Email: Not reported
Address: Not reported
City: Not reported
Country: Not reported
State: Not reported
Zip Code: Not reported
Type1: Mailing
Type2: Not reported
Type3: Not reported
Type4: Not reported
Contact Id: CTIDSIT2FM0002957
Date Modified: 2010-03-10T09:54:56

Telephone: Not reported
Telephone Type: Emergency
Last Modified: 2010-03-10T09:54:56
Record Key: PHIDSIT2HM0002957
Contact Id: CTIDSIT2FM0002957

Contact:
First Name: Not reported

DES MOINES INTERNATIONAL AIRPORT (Continued) **1004468769**

Last Name:	United Airlines
Title:	Not reported
Email:	Not reported
Address:	PO Box 66100
City:	Chicago
Country:	US
State:	IL
Zip Code:	60666
Type1:	Owner / Operator
Type2:	Not reported
Type3:	Not reported
Type4:	Not reported
Contact Id:	CTIDSIT2FO0002957
Date Modified:	2010-03-10T09:54:56
Telephone:	847-700-4000
Telephone Type:	Emergency
Last Modified:	2010-03-10T09:54:56
Record Key:	PHIDSIT2HO0002957
Contact Id:	CTIDSIT2FO0002957

Contact:

First Name:	Not reported
Last Name:	Jim Welker
Title:	General Manager
Email:	Not reported
Address:	Not reported
City:	Not reported
Country:	Not reported
State:	Not reported
Zip Code:	Not reported
Type1:	Emergency Contact
Type2:	Not reported
Type3:	Not reported
Type4:	Not reported
Contact Id:	CTIDSIT2F00013072
Date Modified:	2010-03-10T09:54:56
Telephone:	515-981-3156
Telephone Type:	Pager
Last Modified:	2010-03-10T09:54:56
Record Key:	PHIDSIT2H00039214
Contact Id:	CTIDSIT2F00013072
Telephone:	515-306-8630
Telephone Type:	24 Hr. Phone
Last Modified:	2010-03-10T09:54:56
Record Key:	PHIDSIT2H00039213
Contact Id:	CTIDSIT2F00013072
Telephone:	515-256-5200
Telephone Type:	Phone
Last Modified:	2010-03-10T09:54:56
Record Key:	PHIDSIT2H00039212
Contact Id:	CTIDSIT2F00013072

DES MOINES INTERNATIONAL AIRPORT (Continued) **1004468769**

Contact:

First Name:	Not reported
Last Name:	Mark McKain
Title:	Supervisor
Email:	Not reported
Address:	Not reported
City:	Not reported
Country:	Not reported
State:	Not reported
Zip Code:	Not reported
Type1:	Emergency Contact
Type2:	Not reported
Type3:	Not reported
Type4:	Not reported
Contact Id:	CTIDSIT2F00013073
Date Modified:	2010-03-10T09:54:56
Telephone:	515-256-5220
Telephone Type:	Phone
Last Modified:	2010-03-10T09:54:56
Record Key:	PHIDSIT2H00039215
Contact Id:	CTIDSIT2F00013073
Telephone:	515-240-7276
Telephone Type:	24 Hr. Phone
Last Modified:	2010-03-10T09:54:56
Record Key:	PHIDSIT2H00039216
Contact Id:	CTIDSIT2F00013073

Chemical:

Acute:	T
Ave Amount:	99999
Ave Amount Code:	04
Facility Id:	FAIDSIT2A00002957
Chem Inv Record Id:	CVIDSIT2C00015299
Chronic:	F
Cicas:	107211
EHS Chemical:	F
Last Modified:	2009-02-18T09:27:19
Days On Site:	365
Chemical Name:	PROPYLENE GLYCOL TYPE 1 SAFEWING MP01938 ECO
Fire:	F
Gas:	F
Liquid:	T
Max Amount:	999999
Max Amount Code:	05
Mixture:	T
Pressure:	F
Pure:	F
Reactive:	F
Solid:	F
Trade Secret:	F

Chemical Loc:

Record Key:	CLIDSIT2D00023592
Chem Inv Record Id:	CVIDSIT2C00015299

DES MOINES INTERNATIONAL AIRPORT (Continued) **1004468769**

Facility Id: FAIDSIT2A00002957
Type Code: A
Pressure Code: 1
Temperature Code: 4
Location: S CARGO RAMP
Amount: 0

Record Key: CLIDSIT2D00023593
Chem Inv Record Id: CVIDSIT2C00015299
Facility Id: FAIDSIT2A00002957
Type Code: R
Pressure Code: 1
Temperature Code: 4
Location: 2 PREIMEIR DEICING TRUCKS
Amount: 0

Acute: T
Ave Amount: 99999
Ave Amount Code: 04
Facility Id: FAIDSIT2A00002957
Chem Inv Record Id: CVIDSIT2C00015300
Chronic: F
Cicas: 57556
EHS Chemical: F
Last Modified: 2010-03-10T09:54:55
Days On Site: 365
Chemical Name: PROPYLENE GLYCOL TYPE IV KILFROST ABC-S PLUS
Fire: F
Gas: F
Liquid: T
Max Amount: 99999
Max Amount Code: 04
Mixture: T
Pressure: F
Pure: F
Reactive: F
Solid: F
Trade Secret: F

Chemical Loc:
Record Key: CLIDSIT2D00023594
Chem Inv Record Id: CVIDSIT2C00015300
Facility Id: FAIDSIT2A00002957
Type Code: A
Pressure Code: 1
Temperature Code: 4
Location: S CARGO RAMP
Amount: 0

Record Key: CLIDSIT2D00023595
Chem Inv Record Id: CVIDSIT2C00015300
Facility Id: FAIDSIT2A00002957
Type Code: R
Pressure Code: 1
Temperature Code: 4
Location: 2 PREMIER DEICING TRUCK
Amount: 0

DES MOINES INTERNATIONAL AIRPORT (Continued) **1004468769**

State Id: IA
Report Year: 2009
Fire District: Des Moines Fire Department
Site Map: T
Date Signed: 2010-02-19T10:43:19
Date Modified: 2010-02-19T10:42:31
Site Coord Abbreviation: F
Latitude: 41.532786999999999
Longitude: -93.648134999999996
Dike Or Other Safeguard: F
Mailing Address: 77 COMAIR BLVD
Mail City: ERLANGER
Mail State: KY
Mail Zip: 41018
Mail Country: US
Notes: Not reported

Facility:
Record Key: FDIDSIT2B40003504
Facility Record Id: FAIDSIT2A00003504
Id: Not reported
Description: EIN #
Last Modified: 2010-02-19T10:42:31

Record Key: FDIDSIT2B30003504
Facility Record Id: FAIDSIT2A00003504
Id: 481111
Description: NAICS
Last Modified: 2010-02-19T10:42:31

Record Key: FDIDSIT2B50003504
Facility Record Id: FAIDSIT2A00003504
Id: Not reported
Description: TRIFID
Last Modified: 2010-02-19T10:42:31

Record Key: FDIDSIT2B20003504
Facility Record Id: FAIDSIT2A00003504
Id: 08-337-568
Description: Dun & Bradstreet
Last Modified: 2010-02-19T10:42:31

Record Key: FDIDSIT2B10003504
Facility Record Id: FAIDSIT2A00003504
Id: 4512
Description: SIC
Last Modified: 2010-02-19T10:42:31

Contact:
First Name: Not reported
Last Name: Wade Wells
Title: CUSTOMER SERVICE MANAGER
Email: Not reported
Address: Not reported
City: Not reported
Country: Not reported
State: Not reported

DES MOINES INTERNATIONAL AIRPORT (Continued) **1004468769**

Zip Code: Not reported
Type1: Emergency Contact
Type2: Not reported
Type3: Not reported
Type4: Not reported
Contact Id: CTIDSIT2F00009541
Date Modified: 2010-02-19T10:42:31

Telephone: 800-221-7276
Telephone Type: 24 Hr. Phone
Last Modified: 2010-02-19T10:42:31
Record Key: PHIDSIT2H00028622
Contact Id: CTIDSIT2F00009541

Telephone: 515-256-5764
Telephone Type: Phone
Last Modified: 2010-02-19T10:42:31
Record Key: PHIDSIT2H00028621
Contact Id: CTIDSIT2F00009541

Contact:
First Name: Not reported
Last Name: COMAIR INC
Title: Not reported
Email: Not reported
Address: 77 COMAIR BLVD
City: ERLANGER
Country: US
State: KY
Zip Code: 41018
Type1: Owner / Operator
Type2: Not reported
Type3: Not reported
Type4: Not reported
Contact Id: CTIDSIT2FO0003504
Date Modified: 2010-02-19T10:42:31

Telephone: 859-767-2550
Telephone Type: Emergency
Last Modified: 2010-02-19T10:42:31
Record Key: PHIDSIT2HO0003504
Contact Id: CTIDSIT2FO0003504

Contact:
First Name: Not reported
Last Name: COMAIR INC
Title: Not reported
Email: Not reported
Address: 77 COMAIR BLVD
City: ERLANGER
Country: Not reported
State: KY
Zip Code: 41018
Type1: Mailing

DES MOINES INTERNATIONAL AIRPORT (Continued) **1004468769**

Type2:	Not reported
Type3:	Not reported
Type4:	Not reported
Contact Id:	CTIDSIT2FM0003504
Date Modified:	2010-02-19T10:42:31
Telephone:	Not reported
Telephone Type:	Emergency
Last Modified:	2010-02-19T10:42:31
Record Key:	PHIDSIT2HM0003504
Contact Id:	CTIDSIT2FM0003504

Contact:

First Name:	Not reported
Last Name:	HERB BIRKENHAUER
Title:	ENVIRONMENTAL PROGRAM MANAGER
Email:	Not reported
Address:	Not reported
City:	Not reported
Country:	Not reported
State:	Not reported
Zip Code:	Not reported
Type1:	Emergency Contact
Type2:	Not reported
Type3:	Not reported
Type4:	Not reported
Contact Id:	CTIDSIT2F00009542
Date Modified:	2010-02-19T10:42:31
Telephone:	859-767-1557
Telephone Type:	Phone
Last Modified:	2010-02-19T10:42:31
Record Key:	PHIDSIT2H00028624
Contact Id:	CTIDSIT2F00009542
Telephone:	800-221-7276
Telephone Type:	24 Hr. Phone
Last Modified:	2010-02-19T10:42:31
Record Key:	PHIDSIT2H00028625
Contact Id:	CTIDSIT2F00009542

Chemical:

Acute:	T
Ave Amount:	30465
Ave Amount Code:	04
Facility Id:	FAIDSIT2A00003504
Chem Inv Record Id:	CVIDSIT2C00017751
Chronic:	F
Cicas:	57556
EHS Chemical:	F
Last Modified:	2010-02-19T10:42:31
Days On Site:	366
Chemical Name:	PROPYLENE GLYCOL
Fire:	F

DES MOINES INTERNATIONAL AIRPORT (Continued) **1004468769**

Gas: F
Liquid: T
Max Amount: 39679
Max Amount Code: 04
Mixture: T
Pressure: F
Pure: F
Reactive: F
Solid: F
Trade Secret: F

Chemical Loc:
Record Key: CLIDSIT2D00027179
Chem Inv Record Id: CVIDSIT2C00017751
Facility Id: FAIDSIT2A00003504
Type Code: A
Pressure Code: 1
Temperature Code: 4
Location: GLYCOL STORAGE AREA-SEE MAP
Amount: 0

Record Key: CLIDSIT2D00027180
Chem Inv Record Id: CVIDSIT2C00017751
Facility Id: FAIDSIT2A00003504
Type Code: R
Pressure Code: 1
Temperature Code: 4
Location: DEICING TRUCKS-SEE MAP
Amount: 0

State Id: IA
Report Year: 2009
Fire District: Des Moines Fire Department
Site Map: F
Date Signed: 2010-02-25T20:40:44
Date Modified: 2010-02-25T00:00:00
Site Coord Abbreviation: F
Latitude: 41.533244000000003
Longitude: -93.648224999999996
Dike Or Other Safeguard: F
Mailing Address: Not reported
Mail City: Not reported
Mail State: Not reported
Mail Zip: Not reported
Mail Country: Not reported
Notes: Not reported

Facility:
Record Key: FDIDSIT2B40005159
Facility Record Id: FAIDSIT2A00005159
Id: Not reported
Description: EIN #
Last Modified: 2010-02-25T00:00:00

Record Key: FDIDSIT2B30005159
Facility Record Id: FAIDSIT2A00005159

DES MOINES INTERNATIONAL AIRPORT (Continued) **1004468769**

Id: 481111
Description: NAICS
Last Modified: 2010-02-25T00:00:00

Record Key: FDIDSIT2B50005159
Facility Record Id: FAIDSIT2A00005159
Id: Not reported
Description: TRIFID
Last Modified: 2010-02-25T00:00:00

Record Key: FDIDSIT2B20005159
Facility Record Id: FAIDSIT2A00005159
Id: Not reported
Description: Dun & Bradstreet
Last Modified: 2010-02-25T00:00:00

Record Key: FDIDSIT2B10005159
Facility Record Id: FAIDSIT2A00005159
Id: 4512
Description: SIC
Last Modified: 2010-02-25T00:00:00

Contact:
First Name: Not reported
Last Name: Wade Wells
Title: Station Manager
Email: Not reported
Address: Not reported
City: Not reported
Country: Not reported
State: Not reported
Zip Code: Not reported
Type1: Emergency Contact
Type2: Not reported
Type3: Not reported
Type4: Not reported
Contact Id: CTIDSIT2F00015552
Date Modified: 2010-02-25T00:00:00

Telephone: 402-214-4752
Telephone Type: 24 Hr. Phone
Last Modified: 2010-02-25T00:00:00
Record Key: PHIDSIT2H00046653
Contact Id: CTIDSIT2F00015552

Telephone: 515-256-5764
Telephone Type: Phone
Last Modified: 2010-02-25T00:00:00
Record Key: PHIDSIT2H00046652
Contact Id: CTIDSIT2F00015552

Contact:
First Name: Not reported
Last Name: Delta Air Lines, Inc.
Title: Not reported

DES MOINES INTERNATIONAL AIRPORT (Continued) **1004468769**

Email:	Not reported
Address:	1020 Delta Blvd. Dept. 885
City:	Atlanta
Country:	US
State:	GA
Zip Code:	30354
Type1:	Owner / Operator
Type2:	Not reported
Type3:	Not reported
Type4:	Not reported
Contact Id:	CTIDSIT2FO0005159
Date Modified:	2010-02-25T00:00:00
Telephone:	404-773-5673
Telephone Type:	Emergency
Last Modified:	2010-02-25T00:00:00
Record Key:	PHIDSIT2HO0005159
Contact Id:	CTIDSIT2FO0005159

Contact:

First Name:	Not reported
Last Name:	Not reported
Title:	Not reported
Email:	Not reported
Address:	Not reported
City:	Not reported
Country:	Not reported
State:	Not reported
Zip Code:	Not reported
Type1:	Mailing
Type2:	Not reported
Type3:	Not reported
Type4:	Not reported
Contact Id:	CTIDSIT2FM0005159
Date Modified:	2010-02-25T00:00:00
Telephone:	Not reported
Telephone Type:	Emergency
Last Modified:	2010-02-25T00:00:00
Record Key:	PHIDSIT2HM0005159
Contact Id:	CTIDSIT2FM0005159

Contact:

First Name:	Not reported
Last Name:	Jason Montoya
Title:	Environmental Coordinator
Email:	Not reported
Address:	Not reported
City:	Not reported
Country:	Not reported
State:	Not reported
Zip Code:	Not reported
Type1:	Emergency Contact
Type2:	Not reported

DES MOINES INTERNATIONAL AIRPORT (Continued) **1004468769**

Type3: Not reported
Type4: Not reported
Contact Id: CTIDSIT2F00015553
Date Modified: 2010-02-25T00:00:00

Telephone: 515-289-6150
Telephone Type: 24 Hr. Phone
Last Modified: 2010-02-25T00:00:00
Record Key: PHIDSIT2H00046656
Contact Id: CTIDSIT2F00015553

Telephone: 515-256-5564
Telephone Type: Phone
Last Modified: 2010-02-25T00:00:00
Record Key: PHIDSIT2H00046655
Contact Id: CTIDSIT2F00015553

Chemical:
Acute: T
Ave Amount: 84532
Ave Amount Code: 04
Facility Id: FAIDSIT2A00005159
Chem Inv Record Id: CVIDSIT2C00030182
Chronic: T
Cicas: 57556
EHS Chemical: F
Last Modified: 2010-02-23T09:59:28
Days On Site: 365
Chemical Name: PROPYLENE GLYCOL TYPE I
Fire: F
Gas: F
Liquid: T
Max Amount: 112710
Max Amount Code: 05
Mixture: F
Pressure: F
Pure: T
Reactive: F
Solid: F
Trade Secret: F

Chemical Loc:
Record Key: CLIDSIT2D00048759
Chem Inv Record Id: CVIDSIT2C00030182
Facility Id: FAIDSIT2A00005159
Type Code: A
Pressure Code: 1
Temperature Code: 4
Location: 8,500 GAL. BULK STORAGE FACILITY, E CARGO RAMP
Amount: 0

Record Key: CLIDSIT2D00048760
Chem Inv Record Id: CVIDSIT2C00030182
Facility Id: FAIDSIT2A00005159
Type Code: A
Pressure Code: 1

DES MOINES INTERNATIONAL AIRPORT (Continued) **1004468769**

Temperature Code: 4
Location: 4,500 GAL. BULK STORAGE FACILITY, E CARGO RAMP
Amount: 0

Acute: T
Ave Amount: 16906
Ave Amount Code: 04
Facility Id: FAIDSIT2A00005159
Chem Inv Record Id: CVIDSIT2C00030185
Chronic: T
Cicas: 57556
EHS Chemical: F
Last Modified: 2010-02-23T10:01:54
Days On Site: 365
Chemical Name: PROPYLENE GLYCOL TYPE I MIX
Fire: F
Gas: F
Liquid: T
Max Amount: 22542
Max Amount Code: 04
Mixture: T
Pressure: F
Pure: F
Reactive: F
Solid: F
Trade Secret: F

Chemical Mix:
Record Key: CMIDSIT2E00011088
Facility Id: FAIDSIT2A00005159
Chemical Inv Recid: CVIDSIT2C00030185
Mx Chemical: PROPYLENE GLYCOL
Mx Cas: 57556
Percentage: 50.00
Wt Vol: Not reported
Mx Ehs: F
Last Modified: 2010-02-23T10:01:54

Record Key: CMIDSIT2E00011089
Facility Id: FAIDSIT2A00005159
Chemical Inv Recid: CVIDSIT2C00030185
Mx Chemical: WATER
Mx Cas: 7732185
Percentage: 50.00
Wt Vol: Not reported
Mx Ehs: F
Last Modified: 2010-02-23T10:01:54

Chemical Loc:
Record Key: CLIDSIT2D00048766
Chem Inv Record Id: CVIDSIT2C00030185
Facility Id: FAIDSIT2A00005159
Type Code: R
Pressure Code: 1
Temperature Code: 4
Location: 1,000 GAL. 50/50 MIX DEICE TRUCKS GATE C2

DES MOINES INTERNATIONAL AIRPORT (Continued) **1004468769**

Amount: 0

Record Key: CLIDSIT2D00048765
Chem Inv Record Id: CVIDSIT2C00030185
Facility Id: FAIDSIT2A00005159
Type Code: R
Pressure Code: 1
Temperature Code: 4
Location: (2) 800 GAL. 50/50 MIX DEICE TRUCKS GATE C2
Amount: 0

Acute: T
Ave Amount: 12680
Ave Amount Code: 04
Facility Id: FAIDSIT2A00005159
Chem Inv Record Id: CVIDSIT2C00030186
Chronic: T
Cicas: 57556
EHS Chemical: F
Last Modified: 2010-02-23T10:03:31
Days On Site: 365
Chemical Name: PROPYLENE GLYCOL TYPE IV
Fire: F
Gas: F
Liquid: T
Max Amount: 16907
Max Amount Code: 04
Mixture: T
Pressure: F
Pure: F
Reactive: F
Solid: F
Trade Secret: F

Chemical Loc:
Record Key: CLIDSIT2D00048769
Chem Inv Record Id: CVIDSIT2C00030186
Facility Id: FAIDSIT2A00005159
Type Code: R
Pressure Code: 1
Temperature Code: 4
Location: (2) 100 GAL. DEICE TRUCKS GATE C2
Amount: 0

Record Key: CLIDSIT2D00048767
Chem Inv Record Id: CVIDSIT2C00030186
Facility Id: FAIDSIT2A00005159
Type Code: A
Pressure Code: 1
Temperature Code: 4
Location: 1,550 GAL. BULK STORAGE FACILITY, E CARGO RAMP
Amount: 0

Record Key: CLIDSIT2D00048768
Chem Inv Record Id: CVIDSIT2C00030186
Facility Id: FAIDSIT2A00005159
Type Code: R

DES MOINES INTERNATIONAL AIRPORT (Continued) **1004468769**

Pressure Code: 1
Temperature Code: 4
Location: 200 GAL. DEICE TRUCK GATE C2
Amount: 0

BI268 **KNUDSON TRANSMISSION SVC-FORMER SITE OF** **RCRA-NonGen** **1000744370**
NNE **4223-1/2 SE 14TH ST** **FINDS** **IAD984619114**
> 1 **DES MOINES, IA 50320**
2.102 mi.
11098 ft. **Site 2 of 3 in cluster BI**

Relative:
Higher

Actual:
890 ft.

RCRA-NonGen:
Date form received by agency: 05/22/2000
Facility name: KNUDSON TRANSMISSION SVC-FORMER SITE OF
Facility address: 4223-1/2 SE 14TH ST
DES MOINES, IA 50320
EPA ID: IAD984619114
Mailing address: SE 14TH ST
DES MOINES, IA 50320
Contact: WILLIAM KNUDSON
Contact address: 4223 1/2 SE 14TH ST
DES MOINES, IA 50320
Contact country: US
Contact telephone: (515) 285-7561
Contact email: Not reported
EPA Region: 07
Land type: Private
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: WILLIAM EDWARD KNUDSON
Owner/operator address: 4223 1/2 SE 14TH ST
DES MOINES, IA 50320
Owner/operator country: Not reported
Owner/operator telephone: (515) 285-7561
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): Unknown
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No

KNUDSON TRANSMISSION SVC-FORMER SITE OF (Continued) **1000744370**

Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Verified to be non-commercial

Historical Generators:
Date form received by agency: 01/21/1994
Facility name: KNUDSON TRANSMISSION SVC-FORMER SITE OF
Classification: Small Quantity Generator

Hazardous Waste Summary:
Waste code: D000
Waste name: Not Defined

Waste code: UOIL
Waste name: UOIL

Waste code: NONE
Waste name: None

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 01/21/1994
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA Contractor/Grantee

FINDS:

Registry ID: 110007510755

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

BL269 **QUIKTRIP CORP STORE 559-FORMER SITE OF** **RCRA-NonGen** **1001227593**
WNW **5701 FLEUR DR** **FINDS** **IAR000000992**
> 1 **DES MOINES, IA 50321**
2.106 mi.
11121 ft. **Site 1 of 6 in cluster BL**

Relative: Higher

Actual: 934 ft.

RCRA-NonGen:
Date form received by agency: 05/10/2001
Facility name: QUIKTRIP CORP STORE 559-FORMER SITE OF
Facility address: 5701 FLEUR DR
DES MOINES, IA 50321
EPA ID: IAR000000992
Mailing address: BLUESTONE DR
ST CHARLES, MO 63303
Contact: SHAWN MCCLANAHAN
Contact address: 901 N MINGO RD

QUIKTRIP CORP STORE 559-FORMER SITE OF (Continued) **1001227593**

TULSA, OK 74116
Contact country: US
Contact telephone: (918) 831-1353
Contact email: Not reported
EPA Region: 07
Land type: Private
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: QUIKTRIP CORPORATION
Owner/operator address: 901 N MINGO RD
TULSA, OK 74116
Owner/operator country: Not reported
Owner/operator telephone: (918) 836-8551
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 06/16/1999
Owner/Op end date: Not reported

Owner/operator name: ROBERT L MEYER
Owner/operator address: 477 RIDGECORDE PL
ST LOUIS, MO 63141
Owner/operator country: Not reported
Owner/operator telephone: 314
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/0001
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): Unknown
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Verified to be non-commercial

Historical Generators:
Date form received by agency: 06/16/1999
Facility name: QUIKTRIP CORP STORE 559-FORMER SITE OF
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 03/11/1996
Facility name: QUIKTRIP CORP STORE 559-FORMER SITE OF
Classification: Conditionally Exempt Small Quantity Generator

QUIKTRIP CORP STORE 559-FORMER SITE OF (Continued) **1001227593**

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 03/11/1996
Evaluation: COMPLIANCE ASSISTANCE VISIT
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

FINDS:

Registry ID: 110005773403

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

BL270 **QUIKTRIP #559** **LUST** **U003171241**
WNW **5701 FLEUR DR** **HIST LUST** **N/A**
> 1 **DES MOINES, IA 50321** **UST**
2.106 mi. **HIST UST**
11121 ft. **Site 2 of 6 in cluster BL**

Relative: Higher

Actual: 934 ft.

LUST:
Registration: 198608474
Leak Number: 8LTX67
Date Reported: 12/23/1993
Date Cleanup Started: 4/10/1995
Date Cleanup Completed: 6/29/2001
Record Description: No Action Required
Product Description: Gasoline

HIST LUST:
Facility ID: 198608474
Leak Number: 8LTX67
Leak Entry Date: 01/06/94
Spill Number: Not reported
Occur Date: Not reported
Occur Time: Not reported
Discover Date: 12/13/1993 0:00
Discover Time: Not reported
Facility Addr 2: Not reported
Facility Phone: Not reported
Facility Fax1: Not reported
Facility Fax2: Not reported
Owner Name: QUIKTRIP CORP - KELLI OSTMEYER
Owner Type: Private/Corporate
Owner Addr: 4705 SOUTH 129TH EAST AVENUE
Owner Addr 2: BOX 3475
Owner City,St,Zip: TULSA, OK 741347008
Owner Phone: 9186157700
Owner Fax: 9186157465

QUIKTRIP #559 (Continued) **U003171241**

Lead:	State Fund
Coordinator:	ERD
Staff Initials:	JPP
Leak Contact:	DAVID CISIEWSKI
Leak Address:	Not reported
Leak City,St,Zip:	0
Leak Phone:	0
Record Name:	BOYDSTON
Record Date:	12/27/1993 0:00
Record Location:	Lust
Reporter Name:	DEAN LEWIS
Reporter Business:	R E BLATTERT
Reporter Date:	12/23/93
Reporter Addr:	2625 NORTH LOOP DR
Rprtr City,St,Zip:	AMES, IA 500100000
Reporter Phone:	5152967035
Responsible Party:	SHAWN MC CLANAHAN
RP Company:	QUIKTRIP CORPORATION
RP Address:	PO BOX 3475
RP City,St,Zip:	TULSA, OK 741013475
RP Phone:	0
RP Ext:	Not reported
RP Fax:	Not reported
ER Date:	Not reported
Delete:	No
Ground Water Professional ID:	1621
Ground Water Professional Due Date:	08/06/99
Ground Water Professional Received Date:	08/12/99
Corrective Action Design Report Id:	1615
Corrective Action Design Due Date:	Not reported
Corrective Action Design Record Date:	/ /

IA Hist Lust Status:

ID:	3947
Site Leak Number:	8LTX67
Discovered During:	Other
Tanks Removed:	00
Leak Cause:	UNK
Gas:	Yes
Diesel:	Not reported
Oil:	Not reported
Kerosene:	Not reported
Released Fuel Oil:	Not reported
Released Hydraulic Oil:	Not reported
Released Other Petroleum:	Not reported
Released Unknown:	Not reported
Released Non_Petroleum Chemical:	Not reported
Gallons Released:	UNK000000000
Leak Status:	Unknown
Loc Soil:	Not reported
Loc Ground Water:	Yes
Loc Surface Water:	Not reported
Loc Water Supply:	Not reported
Res Public Water Supply:	Not reported
Resources Water Well:	Not reported
Res Actual Drinking WW:	Not reported
Res Non-Drink WW:	Not reported
respotprtg:	Not reported

QUIKTRIP #559 (Continued) **U003171241**

ressoil:	Not reported
Res Ground Water:	Not reported
Res Surface Water:	Not reported
Res Toxic Vapor:	Not reported
Res Explosive Vapor:	Not reported
Res Other:	Not reported
Res Impacted Soil:	Not reported
Res Impacted Ground Water:	Not reported
Res Impacted Water Well:	Not reported
Res Impacted Pub Water Supply:	Not reported
Res Impacted Surface Water:	Not reported
Res Impacted Toxic Vapor:	Not reported
Res Impacted Explosive Vapor:	Not reported
Res Impacted Other:	Not reported
Res Impacted Drinking WW:	Not reported
Res Impacted Non-Drink WW:	Not reported
Res Impacted Potential Non Drink WW:	Not reported
Officials Onsite Health:	Not reported
Officials Onsite Fire:	Not reported
Officials Onsite Law:	Not reported
Officials Onsite Civil:	Not reported
Officials Onsite None:	Yes
Officials Onsite Unknown:	Not reported
Officials Onsite Other:	Not reported
AST:	Not reported
UST/LUST Other:	Not reported
Delete:	No

IA Hist Lust Cause:

Release Cause:	Unknown

IA Hist Lust Groundwater:

Groundwater Prof. Applicant Id Num.:	1621
Groundwater Pro. App. Last Name:	MAHER-LEWIS
Groundwater Pro. App. First Name:	ANITA
Groundwater Pro. Firm:	BARKER, LEMAR & ASSOCIATES
Groundwater Pro. Address:	1801 INDUSTRIAL CIRCLE
Groundwater Pro. Address 2:	Not reported
Groundwater Pro. City:	WEST DES MOINES
Groundwater Pro. State:	IA
Groundwater Pro. Zip Code:	-50265
Groundwater Pro. Tele:	5152568814
Groundwater Pro. Fax:	Not reported
Groundwater Pro. Email:	amaher@barkerlemar.com
Groundwater Pro. Exp. Of Gwp Cert.:	12/31/2007 0:00
Is The Gwp Certified?:	Yes
Is Gwp Cert. For Cadr?:	Yes

IA Hist Lust Misc:

Misc Due Date:	Not reported	Misc Rec Date:	12/13/00 0:00:00
Misc Other:	Not reported	Misc Title:	MTBE WORKSHEET & DISK

IA Hist Lust Site Monitoring Report:

Site Monitoring Report Due Date:	10/30/99 0:00:00
Site Monitoring Report Rec Date:	8/19/99 0:00:00

QUIKTRIP #559 (Continued) **U003171241**

Site Monitoring Report Reg Date:	Not reported
Site Monitoring Report Rejected Date:	Not reported
Site Monitoring Report Type:	P
Reclassification Request Type:	Not reported
Site Monitoring Report Revd By:	Not reported
GW professional ID:	Not reported

IA Hist Lust Remediation:

Heat Treatment:	No
Land Application:	No
On Site:	No
Achieved Over-Excavation:	No
Soil Venting Passive:	No
Soil Venting Active:	No
Bioremediation Passive:	No
Bioremediation Active:	No
In Situ GW Treatment - Air Sparging:	No
Ground Water:	No
Fresh Water:	No
IGT - pH Adjustment:	No
Nutrient:	No
Oxygen:	No
Biological:	No
Permit Date:	Not reported
Other:	No
Surface Treatment - Carbon Absorption:	No
Biological:	No
ST Other:	No
TDT Sanitary Sewer:	No
TDT Storm Sewer:	No
Stream:	No
TDT Other:	No
Reduced Risk Plugged Well:	No
RR Replace:	No
RR Relocate:	No
RR Other:	No
Delete:	No

IA Hist Lust Free Product Recovery:

FPR Report Assesment Due:	Not reported
FPR Report Received:	Not reported
FPR Report Accepted:	Not reported
FPR Report Rejected:	Not reported
FPR Report Revised:	Not reported

IA Hist Lust Corrective Action Design Report:

Corrective Action Design Record Date:	Not reported
Corrective Action Design Received:	Not reported
Corrective Action Design Accepted:	Not reported
Corrective Action Design Rejected:	Not reported
Revised Report Received:	Not reported

IA Hist Lust Tier 1 Report:

T1 Assesment Due:	11/13/00 0:00:00
T1 Received:	12/5/00 0:00:00

QUIKTRIP #559 (Continued) **U003171241**

Tier 1 Consultant Recommends:	Not reported
T1 Accepted:	6/29/01 0:00:00
T1 Rejected:	Not reported
T1 Revised:	Not reported
T1 Reviewed:	ERD

IA Hist Lust Tier 2 Report:

T2 Assesment Due:	Not reported
T2 Received:	Not reported
T2 Accepted:	Not reported
T2 Rejected:	Not reported
T2 Reviewed:	Not reported

IA Hist Lust Tier 3 Report:

T3 Assesment Due:	Not reported
T3 Received:	Not reported
T3 Accepted:	Not reported
T3 Rejected:	Not reported

IA Hist Lust Administration:

ID:	3947
Owner Identified:	Yes
Responsible Party Found:	Yes
RP Date:	1/6/94 0:00:00
Owner Broke:	No
ER Date:	Not reported
Cost Recovery Start Dt:	Not reported
CR Notice of Intent Dt:	Not reported
CR Appeal of NOI Dt:	Not reported
CR Final Decision Dt:	Not reported
CR EP Comm Lien Approval Dt:	Not reported
CR Lien:	Not reported
CR Ten Yr Renewal Dt:	Not reported
CR Lien Named:	No
crtyrdate:	Not reported
CR Remediation:	Not reported
Delete:	No
CR Amnt Received:	Not reported
CR End Date:	Not reported

IA Hist Lust 28E:

Counter:	Not reported
Staff Initials:	Not reported
Type:	Not reported
County:	Not reported
Part Of State:	Not reported
Priority Number:	Not reported
Reason:	Not reported
Responsible Party:	Not reported
rfpno:	Not reported
Removed:	Not reported
Date Removed:	Not reported
Field Office:	Not reported
Newlist:	Not reported
State Lead:	Not reported

QUIKTRIP #559 (Continued) **U003171241**

Access Letter Mailed:	Not reported
Owner Signed Access:	Not reported
Signed Access to Contractor:	Not reported
Contractor Signed Access:	Not reported
Final Access Mailed:	Not reported
nfr:	Not reported
Start Date:	Not reported

IA Hist Lust AO:

Seq Number:	Not reported
Distribution:	Not reported
UST/LUST Other:	Not reported
Order Type:	Not reported
Legal Ref Start:	Not reported
Division ADM Date:	Not reported
CE Bureau Date:	Not reported
AO Issue Date:	Not reported
AO Number:	Not reported
Name Of Parties:	Not reported
Penalty Due Date:	Not reported
Penalty Amount:	Not reported
Penalty Paid Date:	Not reported
Penalty Amount Paid:	Not reported
AO Appeal Date:	Not reported
ALJ Decision Date:	Not reported
EPC Decision Date:	Not reported
Attorney Gen Ref Date:	Not reported
Final Court Decision:	Not reported
Case Number:	Not reported
County:	Not reported
Action Required:	Not reported
Compliance Due:	Not reported
In Compliance Date:	Not reported
Removed:	Not reported
Staff Initials:	Not reported

IA Hist Lust ATP:

Seq Number:	Not reported
Last Name:	Not reported
Priority Rank:	Not reported
Type:	Not reported
Reason:	Not reported
ATP Due:	Not reported
ATP Letter:	Not reported
Financial Documents Recvd:	Not reported
Able/Unable To Pay:	Not reported
Final Letter:	Not reported
Project Complete:	Not reported
RP Able to Pay:	Not reported
Project Removed:	Not reported
Staff Initials:	Not reported
Comment:	Not reported

IA Hist Lust Contract:

Seq Number:	Not reported
Tank City:	Not reported

QUIKTRIP #559 (Continued) **U003171241**

Staff Initials:	Not reported
Score:	Not reported
Scope Completed:	Not reported
Advertise:	Not reported
Receive Bids:	Not reported
Commission Approval:	Not reported
Contract Approved:	Not reported
Original Contract Amt:	Not reported
Change Orders:	Not reported
Paid to Date:	Not reported
SCR/CADR Received:	Not reported
SCR/CADR Approved:	Not reported
Contract:	Not reported

IA Hist Lust Bedrock Well:

ID:	Not reported
Category:	Not reported
Sample Water Supply:	Not reported
GIS Survey:	Not reported

IA Hist Lust Inst Control:

Inst Control Begin:	Not reported
Inst Control Type:	Not reported

IA Hist Lust Track:

ID:	3947
Site Assesment Start Date:	1/20/94 0:00:00
Free Product Recvry End Date:	Not reported
FP Letter Sent Date:	Not reported
FP Report Frequency:	Not reported
Assesment Report Due:	Not reported
Assesment Report Received:	Not reported
Assesment Report Approved:	Not reported
Achieved Over-Excavation:	Not reported
Release Not Verified Date:	Not reported
Ref to Contaminated Site Section:	Not reported
Cleanup Start Date:	4/10/95 0:00:00
Cleanup Complete Date:	6/29/01 0:00:00
Cleanup Report Due Date:	4/30/95 0:00:00
Cleanup Report Received Date:	3/16/95 0:00:00
Cleanup Report Approved Date:	4/10/95 0:00:00
Check Report Due Date:	Not reported
Check Report Received Date:	Not reported
Check Report Rejected Date:	Not reported
Check Report Approved Date:	Not reported
Date Classified:	6/29/01 0:00:00
Risk Classification -NFA:	Yes
Class - Low Risk:	No
Class - High Risk:	No
Lust Current:	No Action Required
Tier 1 Consultant Recommends:	NFA
T1 Actual GW Ingestion:	No
T1 Poten GW Ingestion from Protected GW:	No
T1 Poten GW Ingestion from Protected GW:	No
T1 GW Vapor to Enclosed Space:	No
T1 GW to Plastic Water Line:	No

QUIKTRIP #559 (Continued) **U003171241**

T1 Surface Water:	No
T1 Soil Leaching to GW:	No
T1 Soil Vapor to Enclosed Space:	Yes
T1 Soil to Plastic Line:	No
Tier 2 Consultant Recommends:	Not reported
T2 Actual GW Ingestion:	Not reported
T2 Poten GW Ingestion from Protected GW:	Not reported
T2 Poten GW Ingestion from Protected GW:	Not reported
T2 GW Vapor to Enclosed Space:	Not reported
T2 GW to Plastic Water Line:	Not reported
T2 SW General Use:	Not reported
T2 SW Designated Use:	Not reported
T2 Soil Leaching to GW:	Not reported
T2 Soil Vapor to Enclosed Space:	Not reported
T2 Soil to Plastic Line:	Not reported
Institutional Control Obtained:	No
NFA Certificate Sent:	8/21/01 0:00:00
No Action Required:	**No**
Priority Ranking:	2
Delete:	No

UST:

Registration:	198608474

UST:

Registration:	198608474
Status Description:	Regulated tanks - r/f
Type Description:	Private/Corporate
Tank Id:	25641
Install Date:	3/1/1985
Status Description:	Regulated tanks - r/f
Capacity:	12000
Content Description:	Gasoline
Registration:	198608474
Tank Id:	25640
Install Date:	3/1/1985
Status Description:	Regulated tanks - r/f
Capacity:	12000
Content Description:	Gasoline
Registration:	198608474
Tank Id:	25639
Install Date:	3/1/1985
Status Description:	Regulated tanks - r/f
Capacity:	12000
Content Description:	Gasoline

HIST UST:

Tank Number:	001
Tank Status:	**Regulated tanks - r/f**
Tank Type:	Commercial
Tank Capacity:	12000
Currently In Use:	No
Tank Material and Construction:	FRP

QUIKTRIP #559 (Continued) **U003171241**

Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported
Site Install Date:	3/1/85 0:00:00
Date Removed:	9/20/00 0:00:00
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Yes
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Yes
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Yes
LDS Tank Tightness Testing:	Yes
LDS Statistical:	Yes
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	RED JACKET RLM 9000
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Not reported
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Yes
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Yes
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported

QUIKTRIP #559 (Continued) **U003171241**

PLD Automatic Electronic:	Yes
PLD Automatic Line Tightness:	Yes
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	RJ RLM 9000
Spill Protection:	Yes
Catchment Basin Size:	Yes
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Yes
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Yes
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Yes
Manufacturer Checklist Completed:	Yes
Tanks/Pipes Tested for leaks during/after Install:	Yes
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

Tank Number:	002
Tank Status:	**Regulated tanks - r/f**
Tank Type:	Commercial
Tank Capacity:	12000
Currently In Use:	No
Tank Material and Construction:	FRP
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported
Site Install Date:	3/1/85 0:00:00
Date Removed:	9/20/00 0:00:00
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Not reported
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Yes
TEP Field Install Cathodic Protection:	Not reported

QUIKTRIP #559 (Continued) **U003171241**

TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Yes
LDS Tank Tightness Testing:	Yes
LDS Statistical:	Yes
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	RED JACKET RLM 9000
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Not reported
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Yes
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Yes
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Yes
PLD Automatic Line Tightness:	Yes
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	RED JACKET RLM 9000
Spill Protection:	Yes
Catchment Basin Size:	Yes
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Yes
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Yes
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Yes
Manufacturer Checklist Completed:	Yes
Tanks/Pipes Tested for leaks during/after Install:	Yes
Other Installation:	Not reported

QUIKTRIP #559 (Continued) **U003171241**

Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported
Tank Number:	003
Tank Status:	**Regulated tanks - r/f**
Tank Type:	Commercial
Tank Capacity:	12000
Currently In Use:	No
Tank Material and Construction:	FRP
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported
Site Install Date:	3/1/85 0:00:00
Date Removed:	9/20/00 0:00:00
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Not reported
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Yes
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Yes
LDS Tank Tightness Testing:	Yes
LDS Statistical:	Yes
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	RED JACKET RLM 9000
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Not reported
PCP Fiberglass Reinforced Plastic:	Not reported

QUIKTRIP #559 (Continued) **U003171241**

PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Yes
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Yes
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Yes
PLD Automatic Line Tightness:	Yes
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	RED JACKET RLM 9000
Spill Protection:	Yes
Catchment Basin Size:	Yes
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Yes
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Yes
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Yes
Manufacturer Checklist Completed:	Yes
Tanks/Pipes Tested for leaks during/after Install:	Yes
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

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BI271 **CUSTOM AUTO SALES** **RCRA-NonGen** **1004690154**
NNE **4211 SE 14TH ST** **FINDS** **IAD981505746**
> 1 **DES MOINES, IA 50320**
2.112 mi.
11149 ft. **Site 3 of 3 in cluster BI**

Relative:
Higher

Actual:
887 ft.

RCRA-NonGen:

Date form received by agency:	08/26/1994
Facility name:	CUSTOM AUTO SALES
Facility address:	4211 SE 14TH ST
	DES MOINES, IA 50320
EPA ID:	IAD981505746
Mailing address:	SE 14TH ST
	DES MOINES, IA 50320
Contact:	Not reported
Contact address:	Not reported
	Not reported
Contact country:	Not reported
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	07
Land type:	Private

CUSTOM AUTO SALES (Continued) **1004690154**

Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: CLAUDE REASONER
Owner/operator address: 4217 SE 14TH ST
DES MOINES, IA 50320
Owner/operator country: Not reported
Owner/operator telephone: 515
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: Unknown
Mixed waste (haz. and radioactive): Unknown
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: Unknown
Furnace exemption: Unknown
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Verified to be non-commercial

Historical Generators:
Date form received by agency: 06/30/1986
Facility name: CUSTOM AUTO SALES
Classification: Not a generator, verified

Hazardous Waste Summary:
Waste code: NONE
Waste name: None

Waste code: NONE
Waste name: None

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 08/26/1994
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA Contractor/Grantee

FINDS:

CUSTOM AUTO SALES (Continued) **1004690154**

Registry ID: 110005756422

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

BM272 **CAMPERS & CAPS** **RCRA-NonGen** **1000323988**
NNE **4200 SE 14TH** **FINDS** **IAD981704968**
> 1 **DES MOINES, IA 50320**
2.131 mi.
11252 ft. **Site 1 of 2 in cluster BM**

Relative: Higher

Actual: 888 ft.

RCRA-NonGen:
Date form received by agency: 02/10/1994
Facility name: CAMPERS & CAPS
Facility address: 4200 SE 14TH
DES MOINES, IA 50320
EPA ID: IAD981704968
Mailing address: SE 14TH
DES MOINES, IA 50320
Contact: Not reported
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 07
Land type: Private
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: LARRY SMITHSON
Owner/operator address: 4200 SE 14TH ST
DES MOINES, IA 50320
Owner/operator country: Not reported
Owner/operator telephone: 515
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: Unknown
Mixed waste (haz. and radioactive): Unknown
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: Unknown
Furnace exemption: Unknown
Used oil fuel burner: No

CAMPERS & CAPS (Continued) **1000323988**

Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Verified to be non-commercial

Historical Generators:
Date form received by agency: 10/30/1986
Facility name: CAMPERS & CAPS
Classification: Small Quantity Generator

Hazardous Waste Summary:
Waste code: NONE
Waste name: None

Waste code: D000
Waste name: Not Defined

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 02/10/1994
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA Contractor/Grantee

FINDS:

Registry ID: 110005758340

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

273
NE
> 1
2.132 mi.
11255 ft.

EWING PARK
5151 INDIANOLA RD
DES MOINES, IA 50320

LUST
HIST LUST
UST
HIST UST

U003169994
N/A

Relative:
Higher

Actual:
914 ft.

LUST:

Registration:	198605134
Leak Number:	7LTG52
Date Reported:	10/24/1989
Date Cleanup Started:	12/6/1994
Date Cleanup Completed:	12/15/2004
Record Description:	No Action Required
Product Description:	Gasoline

HIST LUST:

Facility ID:	198605134
Leak Number:	7LTG52
Leak Entry Date:	10/26/89
Spill Number:	Not reported
Occur Date:	Not reported
Occur Time:	Not reported
Discover Date:	Not reported
Discover Time:	Not reported
Facility Addr 2:	Not reported
Facility Phone:	Not reported
Facility Fax1:	Not reported
Facility Fax2:	Not reported
Owner Name:	CITY OF DM PARK & REC
Owner Type:	Municipal
Owner Addr:	3226 UNIVERSITY
Owner City,St,Zip:	DES MOINES, IA 503110000
Owner Phone:	0000000000
Owner Fax:	Not reported
Lead:	State Fund
Coordinator:	ERD
Staff Initials:	KKL
Leak Contact:	DON CALLENDER
Leak Address:	Not reported
Leak City,St,Zip:	0
Leak Phone:	5152834027
Record Name:	BANDURSKI
Record Date:	10/29/1989 0:00
Record Location:	Lust
Reporter Name:	DON CALLENDER
Reporter Business:	CITY OF DES MOINES
Reporter Date:	10/24/89
Reporter Addr:	CITY HALL
Rprtr City,St,Zip:	DES MOINES, IA 503090000
Reporter Phone:	0
Responsible Party:	HAROLD SMITH
RP Company:	CITY OF DES MOINES
RP Address:	400 EAST FIRST ST
RP City,St,Zip:	DES MOINES, IA 503091891
RP Phone:	0
RP Ext:	Not reported
RP Fax:	Not reported
ER Date:	Not reported
Delete:	No

EWING PARK (Continued) **U003169994**

Ground Water Professional ID:	1621
Ground Water Professional Due Date:	07/02/99
Ground Water Professional Received Date:	01/09/01
Corrective Action Design Report Id:	0
Corrective Action Design Due Date:	Not reported
Corrective Action Design Record Date:	/ /

IA Hist Lust Status:

ID:	2422
Site Leak Number:	7LTG52
Discovered During:	Removal
Tanks Removed:	1
Leak Cause:	Not reported
Gas:	Yes
Diesel:	Not reported
Oil:	Not reported
Kerosene:	Not reported
Released Fuel Oil:	Not reported
Released Hydraulic Oil:	Not reported
Released Other Petroleum:	Not reported
Released Unknown:	Not reported
Released Non_Petroleum Chemical:	Not reported
Gallons Released:	000000000000
Leak Status:	Stopped
Loc Soil:	Yes
Loc Ground Water:	Not reported
Loc Surface Water:	Not reported
Loc Water Supply:	Not reported
Res Public Water Supply:	Not reported
Resources Water Well:	Not reported
Res Actual Drinking WW:	Not reported
Res Non-Drink WW:	Not reported
respotprtg:	Not reported
ressoil:	Not reported
Res Ground Water:	Not reported
Res Surface Water:	Not reported
Res Toxic Vapor:	Not reported
Res Explosive Vapor:	Not reported
Res Other:	Not reported
Res Impacted Soil:	Not reported
Res Impacted Ground Water:	Not reported
Res Impacted Water Well:	Not reported
Res Impacted Pub Water Supply:	Not reported
Res Impacted Surface Water:	Not reported
Res Impacted Toxic Vapor:	Not reported
Res Impacted Explosive Vapor:	Not reported
Res Impacted Other:	Not reported
Res Impacted Drinking WW:	Not reported
Res Impacted Non-Drink WW:	Not reported
Res Impacted Potential Non Drink WW:	Not reported
Officials Onsite Health:	Not reported
Officials Onsite Fire:	Not reported
Officials Onsite Law:	Not reported
Officials Onsite Civil:	Not reported
Officials Onsite None:	Not reported
Officials Onsite Unknown:	Yes
Officials Onsite Other:	Not reported
AST:	Not reported

EWING PARK (Continued) **U003169994**

UST/LUST Other: Not reported
Delete: No

IA Hist Lust Cause:
Release Cause: Not reported

IA Hist Lust HICA:
Leak Number: 7LTG52
Registration Number: 198605134
Date CorrectiveActionDesign Report(CADR) Rec: Not reported
Date CADR Due: Not reported
Date CADR Approved: Not reported
Date CADR Rejected: Not reported
Date CADR Remediation Started: Not reported
Date CADR Remediation Completed: Not reported
Staff CADR Reviewed By: Not reported

IA Hist Lust Groundwater:
Groundwater Prof. Applicant Id Num.: 1621
Groundwater Pro. App. Last Name: MAHER-LEWIS
Groundwater Pro. App. First Name: ANITA
Groundwater Pro. Firm: BARKER, LEMAR & ASSOCIATES
Groundwater Pro. Address: 1801 INDUSTRIAL CIRCLE
Groundwater Pro. Address 2: Not reported
Groundwater Pro. City: WEST DES MOINES
Groundwater Pro. State: IA
Groundwater Pro. Zip Code: -50265
Groundwater Pro. Tele: 5152568814
Groundwater Pro. Fax: Not reported
Groundwater Pro. Email: amaher@barkerlemar.com
Groundwater Pro. Exp. Of Gwp Cert.: 12/31/2007 0:00
Is The Gwp Certified?: Yes
Is Gwp Cert. For Cadr?: Yes

IA Hist Lust Misc:
Misc Due Date: Not reported
Misc Rec Date: 1/9/01 0:00:00
Misc Other: Not reported
Misc Title: MTBE WORKSHEET & DISK

IA Hist Lust Site Monitoring Report:
Site Monitoring Report Due Date: 10/30/03 0:00:00
Site Monitoring Report Rec Date: 4/22/03 0:00:00
Site Monitoring Report Reg Date: Not reported
Site Monitoring Report Rejected Date: 12/15/04 0:00:00
Site Monitoring Report Type: C
Reclassification Request Type: NFA
Site Monitoring Report Revd By: KKL
GW professional ID: Not reported

IA Hist Lust Remediation:
Heat Treatment: No
Land Application: No
On Site: No
Achieved Over-Excavation: No
Soil Venting Passive: No

EWING PARK (Continued) **U003169994**

Soil Venting Active:	No
Bioremediation Passive:	No
Bioremediation Active:	No
In Situ GW Treatment - Air Sparging:	No
Ground Water:	No
Fresh Water:	No
IGT - pH Adjustment:	No
Nutrient:	No
Oxygen:	No
Biological:	No
Permit Date:	Not reported
Other:	No
Surface Treatment - Carbon Absorption:	No
Biological:	No
ST Other:	No
TDT Sanitary Sewer:	No
TDT Storm Sewer:	No
Stream:	No
TDT Other:	No
Reduced Risk Plugged Well:	No
RR Replace:	No
RR Relocate:	No
RR Other:	No
Delete:	No

IA Hist Lust Free Product Recovery:

FPR Report Assesment Due:	Not reported
FPR Report Received:	Not reported
FPR Report Accepted:	Not reported
FPR Report Rejected:	Not reported
FPR Report Revised:	Not reported

IA Hist Lust Corrective Action Design Report:

Corrective Action Design Record Date:	Not reported
Corrective Action Design Received:	Not reported
Corrective Action Design Accepted:	Not reported
Corrective Action Design Rejected:	Not reported
Revised Report Received:	Not reported

IA Hist Lust Tier 1 Report:

T1 Assesment Due:	Not reported
T1 Received:	Not reported
Tier 1 Consultant Recommends:	Not reported
T1 Accepted:	Not reported
T1 Rejected:	Not reported
T1 Revised:	Not reported
T1 Reviewed:	Not reported

IA Hist Lust Tier 2 Report:

T2 Assesment Due:	12/26/00 0:00:00
T2 Received:	1/9/01 0:00:00
T2 Accepted:	Not reported
T2 Rejected:	2/5/01 0:00:00
T2 Reviewed:	JPP

EWING PARK (Continued) **U003169994**

T2 Assesment Due:	8/13/01 0:00:00
T2 Received:	8/22/01 0:00:00
T2 Accepted:	9/27/01 0:00:00
T2 Rejected:	Not reported
T2 Reviewed:	JPP
T2 Assesment Due:	Not reported
T2 Received:	11/22/02 0:00:00
T2 Accepted:	Not reported
T2 Rejected:	1/27/03 0:00:00
T2 Reviewed:	JPP
T2 Assesment Due:	3/30/03 0:00:00
T2 Received:	2/18/03 0:00:00
T2 Accepted:	4/4/03 0:00:00
T2 Rejected:	Not reported
T2 Reviewed:	JPP

IA Hist Lust Tier 3 Report:

T3 Assesment Due:	Not reported
T3 Received:	Not reported
T3 Accepted:	Not reported
T3 Rejected:	Not reported

IA Hist Lust Administration:

ID:	2422
Owner Identified:	Yes
Responsible Party Found:	Yes
RP Date:	10/26/89 0:00:00
Owner Broke:	No
ER Date:	Not reported
Cost Recovery Start Dt:	Not reported
CR Notice of Intent Dt:	Not reported
CR Appeal of NOI Dt:	Not reported
CR Final Decision Dt:	Not reported
CR EP Comm Lien Approval Dt:	Not reported
CR Lien:	Not reported
CR Ten Yr Renewal Dt:	Not reported
CR Lien Named:	No
crtyrdate:	Not reported
CR Remediation:	Not reported
Delete:	No
CR Amnt Received:	Not reported
CR End Date:	Not reported

IA Hist Lust 28E:

Counter:	Not reported
Staff Initials:	Not reported
Type:	Not reported
County:	Not reported
Part Of State:	Not reported
Priority Number:	Not reported
Reason:	Not reported
Responsible Party:	Not reported
rfpno:	Not reported
Removed:	Not reported

EWING PARK (Continued) **U003169994**

Date Removed:	Not reported
Field Office:	Not reported
Newlist:	Not reported
State Lead:	Not reported
Access Letter Mailed:	Not reported
Owner Signed Access:	Not reported
Signed Access to Contractor:	Not reported
Contractor Signed Access:	Not reported
Final Access Mailed:	Not reported
nfr:	Not reported
Start Date:	Not reported

IA Hist Lust AO:

Seq Number:	Not reported
Distribution:	Not reported
UST/LUST Other:	Not reported
Order Type:	Not reported
Legal Ref Start:	Not reported
Division ADM Date:	Not reported
CE Bureau Date:	Not reported
AO Issue Date:	Not reported
AO Number:	Not reported
Name Of Parties:	Not reported
Penalty Due Date:	Not reported
Penalty Amount:	Not reported
Penalty Paid Date:	Not reported
Penalty Amount Paid:	Not reported
AO Appeal Date:	Not reported
ALJ Decision Date:	Not reported
EPC Decision Date:	Not reported
Attorney Gen Ref Date:	Not reported
Final Court Decision:	Not reported
Case Number:	Not reported
County:	Not reported
Action Required:	Not reported
Compliance Due:	Not reported
In Compliance Date:	Not reported
Removed:	Not reported
Staff Initials:	Not reported

IA Hist Lust ATP:

Seq Number:	Not reported
Last Name:	Not reported
Priority Rank:	Not reported
Type:	Not reported
Reason:	Not reported
ATP Due:	Not reported
ATP Letter:	Not reported
Financial Documents Recvd:	Not reported
Able/Unable To Pay:	Not reported
Final Letter:	Not reported
Project Complete:	Not reported
RP Able to Pay:	Not reported
Project Removed:	Not reported
Staff Initials:	Not reported
Comment:	Not reported

EWING PARK (Continued) **U003169994**

IA Hist Lust Contract:

Seq Number:	Not reported
Tank City:	Not reported
Staff Initials:	Not reported
Score:	Not reported
Scope Completed:	Not reported
Advertise:	Not reported
Receive Bids:	Not reported
Commission Approval:	Not reported
Contract Approved:	Not reported
Original Contract Amt:	Not reported
Change Orders:	Not reported
Paid to Date:	Not reported
SCR/CADR Received:	Not reported
SCR/CADR Approved:	Not reported
Contract:	Not reported

IA Hist Lust Bedrock Well:

ID:	Not reported
Category:	Not reported
Sample Water Supply:	Not reported
GIS Survey:	Not reported

IA Hist Lust Inst Control:

Inst Control Begin:	Not reported
Inst Control Type:	Not reported

IA Hist Lust Track:

ID:	2422
Site Assesment Start Date:	11/14/89 0:00:00
Free Product Recvry End Date:	Not reported
FP Letter Sent Date:	Not reported
FP Report Frequency:	Not reported
Assesment Report Due:	Not reported
Assesment Report Received:	Not reported
Assesment Report Approved:	Not reported
Achieved Over-Excavation:	Not reported
Release Not Verified Date:	Not reported
Ref to Contaminated Site Section:	Not reported
Cleanup Start Date:	12/6/94 0:00:00
Cleanup Complete Date:	12/15/04 0:00:00
Cleanup Report Due Date:	Not reported
Cleanup Report Received Date:	7/19/94 0:00:00
Cleanup Report Approved Date:	12/6/94 0:00:00
Check Report Due Date:	Not reported
Check Report Received Date:	Not reported
Check Report Rejected Date:	Not reported
Check Report Approved Date:	Not reported
Date Classified:	12/15/04 0:00:00
Risk Classification -NFA:	Yes
Class - Low Risk:	No
Class - High Risk:	No
Lust Current:	No Action Required
Tier 1 Consultant Recommends:	Not reported
T1 Actual GW Ingestion:	No

EWING PARK (Continued) **U003169994**

T1 Poten GW Ingestion from Protected GW:	No
T1 Poten GW Ingestion from Protected GW:	No
T1 GW Vapor to Enclosed Space:	No
T1 GW to Plastic Water Line:	No
T1 Surface Water:	No
T1 Soil Leaching to GW:	No
T1 Soil Vapor to Enclosed Space:	No
T1 Soil to Plastic Line:	No
Tier 2 Consultant Recommends:	NFA
T2 Actual GW Ingestion:	NFA
T2 Poten GW Ingestion from Protected GW:	NFA
T2 Poten GW Ingestion from Protected GW:	NFA
T2 GW Vapor to Enclosed Space:	NFA
T2 GW to Plastic Water Line:	NFA
T2 SW General Use:	NFA
T2 SW Designated Use:	NFA
T2 Soil Leaching to GW:	NFA
T2 Soil Vapor to Enclosed Space:	NFA
T2 Soil to Plastic Line:	NFA
Institutional Control Obtained:	No
NFA Certificate Sent:	Not reported
No Action Required:	**No**
Priority Ranking:	5
Delete:	No

UST:

Registration:	198605134

UST:

Registration:	198605134
Status Description:	Regulated tanks - r/f
Type Description:	Municipal
Tank Id:	14811
Install Date:	12/1/1900
Status Description:	Regulated tanks - r/f
Capacity:	500
Content Description:	Gasoline

HIST UST:

Tank Number:	001
Tank Status:	**Regulated tanks - r/f**
Tank Type:	Other
Tank Capacity:	500
Currently In Use:	No
Tank Material and Construction:	Steel
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported
Site Install Date:	12/1/00 0:00:00
Date Removed:	10/26/89 0:00:00
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported

EWING PARK (Continued) **U003169994**

No Further Action Date:	1/1/00 0:00:00
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Not reported
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Yes
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported

EWING PARK (Continued) **U003169994**

PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

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274
SW
> 1
2.150 mi.
11350 ft.

DAVID W EILTS **RCRA-NonGen 1000470637**
872 BLUE ST **FINDS IAD984589077**
NORWALK, IA 50211

Relative:
Lower

Actual:
0 ft.

RCRA-NonGen:

Date form received by agency:	11/17/1994
Facility name:	DAVID W EILTS
Facility address:	872 BLUE ST NORWALK, IA 50211
EPA ID:	IAD984589077
Mailing address:	BLUE ST NORWALK, IA 50211
Contact:	Not reported
Contact address:	Not reported Not reported
Contact country:	Not reported
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	07
Land type:	Private
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	DAVID W EILTS
Owner/operator address:	872 BLUE ST NORWALK, IA 50211
Owner/operator country:	Not reported
Owner/operator telephone:	(515) 285-5209
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	Unknown
Mixed waste (haz. and radioactive):	Unknown
Recycler of hazardous waste:	No

DAVID W EILTS (Continued) **1000470637**

Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	Unknown
Furnace exemption:	Unknown
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No
Off-site waste receiver:	Verified to be non-commercial

Historical Generators:

Date form received by agency:	11/29/1990
Facility name:	DAVID W EILTS
Classification:	Not a generator, verified

Hazardous Waste Summary:

Waste code:	UOIL
Waste name:	UOIL
Waste code:	D001
Waste name:	IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.
Violation Status:	No violations found

Evaluation Action Summary:

Evaluation date:	11/17/1994
Evaluation:	FOCUSED COMPLIANCE INSPECTION
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	EPA Contractor/Grantee

FINDS:

Registry ID: 110005762246

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

275 WNW > 1 2.158 mi. 11392 ft. | **DES MOINES FLYING SERVICE INC**
5600 FLEUR DR
DES MOINES, IA 50315 | **RCRA-SQG FINDS** | **1000906879 IA0000903831**

Relative: Higher

Actual: 923 ft.

RCRA-SQG:

Date form received by agency:	04/25/2007
Facility name:	DES MOINES FLYING SERVICE INC
Facility address:	5600 FLEUR DR INTERNATIONAL AIRPORT DES MOINES, IA 50315-0302
EPA ID:	IA0000903831
Mailing address:	PO BOX 35126 DES MOINES, IA 50315-0302
Contact:	JOHN LOWE
Contact address:	FLEUR DR INTERNATIONAL AIRPORT DES MOINES, IA 50315-0302
Contact country:	US
Contact telephone:	515-256-5300
Contact email:	Not reported
EPA Region:	07
Land type:	Municipal
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	HOWARD GREGORY (OWNER OF BUSINESS)
Owner/operator address:	PO BOX 35126 DES MOINES, IA 50315
Owner/operator country:	Not reported
Owner/operator telephone:	(515) 256-5329
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	DES MOINES CITY OF (PROPERTY OWNER)
Owner/operator address:	E 1ST ST DES MOINES, IA 50309
Owner/operator country:	US
Owner/operator telephone:	(515) 256-5100
Legal status:	Municipal
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No

DES MOINES FLYING SERVICE INC (Continued) **1000906879**

On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Verified to be non-commercial

Historical Generators:
Date form received by agency: 05/19/1998
Facility name: DES MOINES FLYING SERVICE INC
Classification: Small Quantity Generator

Date form received by agency: 05/06/1998
Facility name: DES MOINES FLYING SERVICE INC
Classification: Small Quantity Generator

Hazardous Waste Summary:
Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D008
Waste name: LEAD

Waste code: D035
Waste name: METHYL ETHYL KETONE

Waste code: F003
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F005
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

DES MOINES FLYING SERVICE INC (Continued) **1000906879**

Waste code: UOIL
Waste name: UOIL

Facility Has Received Notices of Violations:
Regulation violated: Not reported
Area of violation: Used Oil - Generators
Date violation determined: 04/17/2007
Date achieved compliance: 05/10/2007
Violation lead agency: EPA
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 08/14/2007
Enf. disposition status: Action Satisfied (Case Closed)
Enf. disp. status date: 08/14/2007
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 04/17/2007
Date achieved compliance: 05/10/2007
Violation lead agency: EPA
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 08/14/2007
Enf. disposition status: Action Satisfied (Case Closed)
Enf. disp. status date: 08/14/2007
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - CFR 262.40(a)
Area of violation: Generators - Records/Reporting
Date violation determined: 05/06/1998
Date achieved compliance: 12/02/1998
Violation lead agency: EPA
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 12/02/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - CFR 262.34(d)
Area of violation: Generators - General
Date violation determined: 05/06/1998
Date achieved compliance: 12/02/1998
Violation lead agency: EPA
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 12/02/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported

DES MOINES FLYING SERVICE INC (Continued) **1000906879**

Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 04/17/2007
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Used Oil - Generators
Date achieved compliance: 05/10/2007
Evaluation lead agency: EPA Contractor/Grantee

Evaluation date: 04/17/2007
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 05/10/2007
Evaluation lead agency: EPA Contractor/Grantee

Evaluation date: 05/06/1998
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Records/Reporting
Date achieved compliance: 12/02/1998
Evaluation lead agency: EPA

Evaluation date: 05/06/1998
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 12/02/1998
Evaluation lead agency: EPA

Evaluation date: 04/12/1995
Evaluation: COMPLIANCE ASSISTANCE VISIT
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

FINDS:

Registry ID: 110001328867

Environmental Interest/Information System
AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

BL276 **FAA DSM RTRD** **FINDS** **1011296780**
WNW **5800 FLEUR DR** **UST** **N/A**
> 1 **DES MOINES, IA 50321**
2.158 mi.
11392 ft. **Site 3 of 6 in cluster BL**

Relative:
Higher

Actual:
929 ft.

FINDS:

Registry ID: 110036398154

Environmental Interest/Information System
IDNR-EFD (Iowa Department Of Natural Resources - Emission Factor Documentation) provides information about existing emission factors

UST:
Registration: 198602007

UST:
Registration: 198602007
Status Description: Regulated tanks - active
Type Description: Federal

Tank Id: 5471
Install Date: 12/1/1973
Status Description: Regulated tanks - r/f
Capacity: 515
Content Description: Diesel

Registration: 198602007
Tank Id: 5472
Install Date: 11/1/1975
Status Description: Regulated tanks - r/f
Capacity: 515
Content Description: Diesel

Registration: 198602007
Tank Id: 5473
Install Date: 9/1/1989
Status Description: Regulated tank - active
Capacity: 500
Content Description: Diesel

Registration: 198602007
Tank Id: 5474
Install Date: 4/1/1993
Status Description: Regulated tanks - r/f
Capacity: 600
Content Description: Diesel

BL277
WNW
> 1
2.158 mi.
11392 ft.

DSM GS
5800 FLEUR DR
DES MOINES, IA 50321

Site 4 of 6 in cluster BL

RCRA-SQG 1000978903
FINDS IA0001005248

Relative:
Higher

Actual:
929 ft.

RCRA-SQG:

Date form received by agency:	07/10/2009
Facility name:	TRANSPORTATION SECURITY ADMINISTRATION A
Site name:	TRANSPORTATION SECURITY ADMINISTRATION AT DES MOINES INTL AIRPORT (TSA-DSM)
Facility address:	5800 FLEUR DR DES MOINES, IA 50321
EPA ID:	IA0001005248
Mailing address:	RITTENHOUSE ST STE B DES MOINES, IA 50321
Contact:	DEMARCO TAPIA
Contact address:	RITTENHOUSE ST STE B DES MOINES, IA 50321
Contact country:	US
Contact telephone:	515-974-1780
Contact email:	DEMARCO.TAPIA@DHS.GOV
EPA Region:	07
Land type:	Municipal
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	TRANSPORTATION SECURITY ADMINISTRATION
Owner/operator address:	Not reported Not reported
Owner/operator country:	US
Owner/operator telephone:	Not reported
Legal status:	Federal
Owner/Operator Type:	Operator
Owner/Op start date:	01/09/2002
Owner/Op end date:	Not reported

Owner/operator name:	DES MOINES IOWA CITY OF
Owner/operator address:	E 1ST & LOCUST DES MOINES, IA 50307
Owner/operator country:	US
Owner/operator telephone:	Not reported
Legal status:	Municipal
Owner/Operator Type:	Owner
Owner/Op start date:	07/01/1927
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No

DSM GS (Continued) **1000978903**

Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Universal Waste Summary:
Waste type: Batteries
Accumulated waste on-site: No
Generated waste on-site: Not reported

Waste type: Lamps
Accumulated waste on-site: No
Generated waste on-site: Not reported

Waste type: Pesticides
Accumulated waste on-site: No
Generated waste on-site: Not reported

Waste type: Thermostats
Accumulated waste on-site: No
Generated waste on-site: Not reported

Historical Generators:
Date form received by agency: 06/08/2004
Facility name: TRANSPORTATION SECURITY ADMINISTRATION A
Site name: TSA AT DES MOINES INTERNATIONAL AIRPORT
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 02/21/1996
Facility name: TRANSPORTATION SECURITY ADMINISTRATION A
Site name: UNITED AIRLINES
Classification: Not a generator, verified

Date form received by agency: 02/21/1996
Facility name: TRANSPORTATION SECURITY ADMINISTRATION A
Site name: UNITED AIRLINES
Classification: Conditionally Exempt Small Quantity Generator

Hazardous Waste Summary:
Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D002

DSM GS (Continued) **1000978903**

Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Waste code: D003
Waste name: A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE OF SUCH WASTE WOULD BY WASTE GUNPOWDER.

Waste code: D035
Waste name: METHYL ETHYL KETONE

Waste code: U002
Waste name: ACETONE (I)

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 02/21/1996
Evaluation: COMPLIANCE ASSISTANCE VISIT
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

FINDS:

Registry ID: 110005733279

Environmental Interest/Information System

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

IDNR-EFD (Iowa Department Of Natural Resources - Emission Factor Documentation) provides information about existing emission factors

PCS (Permit Compliance System) is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

BL278
WNW
> 1
2.158 mi.
11392 ft.

DSM GS
5800 FLEUR DR
DES MOINES, IA 50321

Site 5 of 6 in cluster BL

UST **1011295338**
N/A

Relative:
Higher

UST:
Registration: 198602008

Actual:
929 ft.

UST:
Registration: 198602008
Status Description: Regulated tanks - active
Type Description: Federal

Tank Id: 5475
Install Date: 8/1/1976
Status Description: Regulated tanks - r/f
Capacity: 515
Content Description: Diesel

Registration: 198602008
Tank Id: 5476
Install Date: 1/1/1969
Status Description: Regulated tanks - r/f
Capacity: 1000
Content Description: Diesel

Registration: 198602008
Tank Id: 5477
Install Date: 4/1/1993
Status Description: Regulated tank - active
Capacity: 600
Content Description: Diesel

BL279
WNW
> 1
2.158 mi.
11392 ft.

MESABA AIRLINES
5800 FLEUR DR GATE C-1
DES MOINES, IA 50321

Site 6 of 6 in cluster BL

RCRA-SQG **1010563271**
IAR000508622

Relative:
Higher

Actual:
929 ft.

RCRA-SQG:
Date form received by agency: 11/01/2007
Facility name: MESABA AIRLINES
Facility address: 5800 FLEUR DR GATE C-1
DES MOINES, IA 50321
EPA ID: IAR000508622
Mailing address: BLUE GENTIAN RD STE 200
EAGAN, MN 55121
Contact: BRAD RAYMOND
Contact address: FLEUR DR GATE C-1
DES MOINES, IA 50321
Contact country: US
Contact telephone: 515-953-7941
Contact email: Not reported
EPA Region: 07
Land type: Municipal
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous

MESABA AIRLINES (Continued) **1010563271**

waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: MESABA AIRLINES
Owner/operator address: BLUE GENTIAN RD STE 200
EAGAN, MN 55122
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/1989
Owner/Op end date: Not reported

Owner/operator name: MESABA AIRLINES
Owner/operator address: BLUE GENTION RD STE 200
EAGAN, MN 55122
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/1989
Owner/Op end date: Not reported

Owner/operator name: MESABA AIRLINES
Owner/operator address: Not reported
IA
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 10/01/2007
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Historical Generators:
Date form received by agency: 10/09/2007
Facility name: MESABA AIRLINES
Classification: Small Quantity Generator

MESABA AIRLINES (Continued) **1010563271**

Date form received by agency: 09/28/2007
Facility name: MESABA AIRLINES
Classification: Small Quantity Generator

Hazardous Waste Summary:

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D002
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Waste code: D007
Waste name: CHROMIUM

Waste code: D035
Waste name: METHYL ETHYL KETONE

Waste code: F003
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F005
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F007
Waste name: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS

Waste code: FLUO
Waste name: FLUO

Waste code: UOIL

MESABA AIRLINES (Continued) **1010563271**

Waste name: UOIL

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D002
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Waste code: D007
Waste name: CHROMIUM

Waste code: D035
Waste name: METHYL ETHYL KETONE

Waste code: F003
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F005
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F007
Waste name: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS

Waste code: FLUO
Waste name: FLUO

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 11/01/2007

MESABA AIRLINES (Continued) **1010563271**

Evaluation: COMPLIANCE ASSISTANCE VISIT
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA Contractor/Grantee

280
WNW
> 1
2.168 mi.
11448 ft.

DSM ALSF **UST** **U003712091**
DES MOINES AIRPORT **HIST UST** **N/A**
DES MOINES, IA 50321

Relative:
Higher

Actual:
949 ft.

UST:
Registration: 200000004

UST:
Registration: 200000004
Status Description: Emergency power generator tanks - active
Type Description: Federal

Tank Id: 43295
Install Date: 10/1/1999
Status Description: Emergency power generator tank- active
Capacity: 1000
Content Description: Diesel

HIST UST:

Tank Number:	001
Tank Status:	**Emergency power generator tank- active**
Tank Type:	Other
Tank Capacity:	1000
Currently In Use:	Yes
Tank Material and Construction:	Double Wall FRP
Tank Material and Construction Other:	XERXES
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported
Site Install Date:	10/1/99 0:00:00
Date Removed:	Not reported
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Yes
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported

DSM ALSF (Continued) **U003712091**

TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Yes
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Yes
LDS Auto-Guaging:	Yes
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	AUTOSTIK JR 4
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Not reported
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Yes
PCP Flex Wall:	X
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Yes
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Yes
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Yes
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	SUMP SENSOR
Spill Protection:	Yes
Catchment Basin Size:	5
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Yes
Automatic Shutoff Device:	Yes
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Yes
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Yes
Tanks/Pipes Tested for leaks during/after Install:	Yes
Other Installation:	Not reported
Installer Cert. by LUST Board:	X
Installation Cert. by LUST Board Cert. Inspector:	X

BM281 **STATE FARM INS** **RCRA-NonGen** **1000205319**
NNE **4121 SE 14TH ST** **FINDS** **IAD147816854**
> 1 **DES MOINES, IA 50320**
2.174 mi.
11478 ft. **Site 2 of 2 in cluster BM**

Relative:
Higher

Actual:
882 ft.

RCRA-NonGen:
Date form received by agency: 08/05/2002
Facility name: STATE FARM INS
Facility address: 4121 SE 14TH ST
DES MOINES, IA 50320
EPA ID: IAD147816854
Mailing address: SE 14TH ST
DES MOINES, IA 50320
Contact: TODD RETTENMEIER
Contact address: 4121 SE 14TH ST
DES MOINES, IA 50320
Contact country: US
Contact telephone: (515) 287-5335
Contact email: Not reported
EPA Region: 07
Land type: Private
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:
U.S. importer of hazardous waste: Unknown
Mixed waste (haz. and radioactive): Unknown
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: Unknown
Furnace exemption: Unknown
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Verified to be non-commercial

Historical Generators:
Date form received by agency: 05/19/1997
Facility name: STATE FARM INS
Classification: Small Quantity Generator

Date form received by agency: 05/19/1997
Facility name: STATE FARM INS
Classification: Conditionally Exempt Small Quantity Generator

Facility Has Received Notices of Violations:
Regulation violated: FR - CFR 261.5(g)(3)
Area of violation: Generators - General
Date violation determined: 05/19/1997
Date achieved compliance: 09/05/1997
Violation lead agency: EPA

STATE FARM INS (Continued) **1000205319**

Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/05/1997
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 08/05/2002
Evaluation: COMPLIANCE ASSISTANCE VISIT
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

Evaluation date: 05/19/1997
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 09/05/1997
Evaluation lead agency: EPA

Evaluation date: 07/16/1996
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

Evaluation date: 02/09/1994
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA Contractor/Grantee

FINDS:

Registry ID: 110013398661

Environmental Interest/Information System

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

282
North
> 1
2.175 mi.
11485 ft.

GIT-N-GO
100 SW WATROUS
DES MOINES, IA 50315

LUST **U003169882**
HIST LUST **N/A**
UST
HIST UST

Relative:
Higher

Actual:
943 ft.

LUST:

Registration:	198604830
Leak Number:	8LTT13
Date Reported:	5/11/1992
Date Cleanup Started:	Not reported
Date Cleanup Completed:	Not reported
Record Description:	No Action Required
Product Description:	Gasoline

HIST LUST:

Facility ID:	198604830
Leak Number:	8LTT13
Leak Entry Date:	05/12/92
Spill Number:	Not reported
Occur Date:	Not reported
Occur Time:	Not reported
Discover Date:	6/6/1990 0:00
Discover Time:	Not reported
Facility Addr 2:	Not reported
Facility Phone:	Not reported
Facility Fax1:	Not reported
Facility Fax2:	Not reported
Owner Name:	GIT-N-GO CONVENIENCE STORES INC
Owner Type:	Private/Corporate
Owner Addr:	2716 INDIANOLA AVENUE
Owner City,St,Zip:	DES MOINES, IA 503150000
Owner Phone:	0000000000
Owner Fax:	Not reported
Lead:	Responsible Party
Coordinator:	ERD
Staff Initials:	Not reported
Leak Contact:	PETE KLINDT
Leak Address:	Not reported
Leak City,St,Zip:	0
Leak Phone:	0
Record Name:	BOYDSTON
Record Date:	5/12/1992 0:00
Record Location:	Lust
Reporter Name:	Not reported
Reporter Business:	UST PROGRAM
Reporter Date:	05/11/92
Reporter Addr:	914 PIERCE
Rprtr City,St,Zip:	SIOUX CITY, IA 511020000
Reporter Phone:	8009421000
Responsible Party:	Not reported
RP Company:	Not reported
RP Address:	Not reported
RP City,St,Zip:	0
RP Phone:	0
RP Ext:	Not reported
RP Fax:	Not reported
ER Date:	Not reported
Delete:	No

GIT-N-GO (Continued) **U003169882**

Ground Water Professional ID:	0
Ground Water Professional Due Date:	/ /
Ground Water Professional Received Date:	/ /
Corrective Action Design Report Id:	0
Corrective Action Design Due Date:	Not reported
Corrective Action Design Record Date:	/ /

IA Hist Lust Status:

ID:	2286
Site Leak Number:	8LTT13
Discovered During:	Other
Tanks Removed:	00
Leak Cause:	UNK
Gas:	Yes
Diesel:	Not reported
Oil:	Not reported
Kerosene:	Not reported
Released Fuel Oil:	Not reported
Released Hydraulic Oil:	Not reported
Released Other Petroleum:	Not reported
Released Unknown:	Not reported
Released Non_Petroleum Chemical:	Not reported
Gallons Released:	UNK000000000
Leak Status:	Unknown
Loc Soil:	Not reported
Loc Ground Water:	Yes
Loc Surface Water:	Not reported
Loc Water Supply:	Not reported
Res Public Water Supply:	Not reported
Resources Water Well:	Not reported
Res Actual Drinking WW:	Not reported
Res Non-Drink WW:	Not reported
respotprtg:	Not reported
ressoil:	Not reported
Res Ground Water:	Not reported
Res Surface Water:	Not reported
Res Toxic Vapor:	Not reported
Res Explosive Vapor:	Not reported
Res Other:	Not reported
Res Impacted Soil:	Not reported
Res Impacted Ground Water:	Not reported
Res Impacted Water Well:	Not reported
Res Impacted Pub Water Supply:	Not reported
Res Impacted Surface Water:	Not reported
Res Impacted Toxic Vapor:	Not reported
Res Impacted Explosive Vapor:	Not reported
Res Impacted Other:	Not reported
Res Impacted Drinking WW:	Not reported
Res Impacted Non-Drink WW:	Not reported
Res Impacted Potential Non Drink WW:	Not reported
Officials Onsite Health:	Not reported
Officials Onsite Fire:	Not reported
Officials Onsite Law:	Not reported
Officials Onsite Civil:	Not reported
Officials Onsite None:	Not reported
Officials Onsite Unknown:	Yes
Officials Onsite Other:	Not reported
AST:	Not reported

GIT-N-GO (Continued) **U003169882**

UST/LUST Other: Not reported
Delete: No

IA Hist Lust Cause:
Release Cause: Unknown

IA Hist Lust Misc:
Misc Due Date: Not reported Misc Rec Date: 5/29/92 0:00:00
Misc Other: Not reported Misc Title: Not reported

IA Hist Lust Site Monitoring Report:
Site Monitoring Report Due Date: Not reported
Site Monitoring Report Rec Date: Not reported
Site Monitoring Report Reg Date: Not reported
Site Monitoring Report Rejected Date: Not reported
Site Monitoring Report Type: Not reported
Reclassification Request Type: Not reported
Site Monitoring Report Revd By: Not reported
GW professional ID: Not reported

IA Hist Lust Remediation:
Heat Treatment: No
Land Application: No
On Site: No
Achieved Over-Excavation: No
Soil Venting Passive: No
Soil Venting Active: No
Bioremediation Passive: No
Bioremediation Active: No
In Situ GW Treatment - Air Sparging: No
Ground Water: No
Fresh Water: No
IGT - pH Adjustment: No
Nutrient: No
Oxygen: No
Biological: No
Permit Date: Not reported
Other: No
Surface Treatment - Carbon Absorption: No
Biological: No
ST Other: No
TDT Sanitary Sewer: No
TDT Storm Sewer: No
Stream: No
TDT Other: No
Reduced Risk Plugged Well: No
RR Replace: No
RR Relocate: No
RR Other: No
Delete: No

IA Hist Lust Free Product Recovery:
FPR Report Assesment Due: Not reported
FPR Report Received: Not reported
FPR Report Accepted: Not reported

GIT-N-GO (Continued) **U003169882**

FPR Report Rejected:	Not reported
FPR Report Revised:	Not reported

IA Hist Lust Corrective Action Design Report:

Corrective Action Design Record Date:	Not reported
Corrective Action Design Received:	Not reported
Corrective Action Design Accepted:	Not reported
Corrective Action Design Rejected:	Not reported
Revised Report Received:	Not reported

IA Hist Lust Tier 1 Report:

T1 Assesment Due:	Not reported
T1 Received:	Not reported
Tier 1 Consultant Recommends:	Not reported
T1 Accepted:	Not reported
T1 Rejected:	Not reported
T1 Revised:	Not reported
T1 Reviewed:	Not reported

IA Hist Lust Tier 2 Report:

T2 Assesment Due:	Not reported
T2 Received:	Not reported
T2 Accepted:	Not reported
T2 Rejected:	Not reported
T2 Reviewed:	Not reported

IA Hist Lust Tier 3 Report:

T3 Assesment Due:	Not reported
T3 Received:	Not reported
T3 Accepted:	Not reported
T3 Rejected:	Not reported

IA Hist Lust Administration:

ID:	2286
Owner Identified:	Yes
Responsible Party Found:	Yes
RP Date:	5/12/92 0:00:00
Owner Broke:	No
ER Date:	Not reported
Cost Recovery Start Dt:	Not reported
CR Notice of Intent Dt:	Not reported
CR Appeal of NOI Dt:	Not reported
CR Final Decision Dt:	Not reported
CR EP Comm Lien Approval Dt:	Not reported
CR Lien:	Not reported
CR Ten Yr Renewal Dt:	Not reported
CR Lien Named:	No
crtyrdate:	Not reported
CR Remediation:	Not reported
Delete:	No
CR Amnt Received:	Not reported
CR End Date:	Not reported

IA Hist Lust 28E:

GIT-N-GO (Continued) **U003169882**

Counter:	Not reported
Staff Initials:	Not reported
Type:	Not reported
County:	Not reported
Part Of State:	Not reported
Priority Number:	Not reported
Reason:	Not reported
Responsible Party:	Not reported
rfpno:	Not reported
Removed:	Not reported
Date Removed:	Not reported
Field Office:	Not reported
Newlist:	Not reported
State Lead:	Not reported
Access Letter Mailed:	Not reported
Owner Signed Access:	Not reported
Signed Access to Contractor:	Not reported
Contractor Signed Access:	Not reported
Final Access Mailed:	Not reported
nfr:	Not reported
Start Date:	Not reported

IA Hist Lust AO:

Seq Number:	Not reported
Distribution:	Not reported
UST/LUST Other:	Not reported
Order Type:	Not reported
Legal Ref Start:	Not reported
Division ADM Date:	Not reported
CE Bureau Date:	Not reported
AO Issue Date:	Not reported
AO Number:	Not reported
Name Of Parties:	Not reported
Penalty Due Date:	Not reported
Penalty Amount:	Not reported
Penalty Paid Date:	Not reported
Penalty Amount Paid:	Not reported
AO Appeal Date:	Not reported
ALJ Decision Date:	Not reported
EPC Decision Date:	Not reported
Attorney Gen Ref Date:	Not reported
Final Court Decision:	Not reported
Case Number:	Not reported
County:	Not reported
Action Required:	Not reported
Compliance Due:	Not reported
In Compliance Date:	Not reported
Removed:	Not reported
Staff Initials:	Not reported

IA Hist Lust ATP:

Seq Number:	Not reported
Last Name:	Not reported
Priority Rank:	Not reported
Type:	Not reported
Reason:	Not reported

GIT-N-GO (Continued) **U003169882**

ATP Due:	Not reported
ATP Letter:	Not reported
Financial Documents Recvd:	Not reported
Able/Unable To Pay:	Not reported
Final Letter:	Not reported
Project Complete:	Not reported
RP Able to Pay:	Not reported
Project Removed:	Not reported
Staff Initials:	Not reported
Comment:	Not reported

IA Hist Lust Contract:

Seq Number:	Not reported
Tank City:	Not reported
Staff Initials:	Not reported
Score:	Not reported
Scope Completed:	Not reported
Advertise:	Not reported
Receive Bids:	Not reported
Commission Approval:	Not reported
Contract Approved:	Not reported
Original Contract Amt:	Not reported
Change Orders:	Not reported
Paid to Date:	Not reported
SCR/CADR Received:	Not reported
SCR/CADR Approved:	Not reported
Contract:	Not reported

IA Hist Lust Bedrock Well:

ID:	Not reported
Category:	Not reported
Sample Water Supply:	Not reported
GIS Survey:	Not reported

IA Hist Lust Inst Control:

Inst Control Begin:	Not reported
Inst Control Type:	Not reported

IA Hist Lust Track:

ID:	2286
Site Assesment Start Date:	5/20/92 0:00:00
Free Product Recvry End Date:	Not reported
FP Letter Sent Date:	Not reported
FP Report Frequency:	Not reported
Assesment Report Due:	Not reported
Assesment Report Received:	Not reported
Assesment Report Approved:	Not reported
Achieved Over-Excavation:	Not reported
Release Not Verified Date:	6/3/92 0:00:00
Ref to Contaminated Site Section:	Not reported
Cleanup Start Date:	Not reported
Cleanup Complete Date:	Not reported
Cleanup Report Due Date:	Not reported
Cleanup Report Received Date:	Not reported
Cleanup Report Approved Date:	Not reported

GIT-N-GO (Continued) **U003169882**

Check Report Due Date:	Not reported
Check Report Received Date:	Not reported
Check Report Rejected Date:	Not reported
Check Report Approved Date:	Not reported
Date Classified:	6/3/92 0:00:00
Risk Classification -NFA:	Yes
Class - Low Risk:	No
Class - High Risk:	No
Lust Current:	No Action Required
Tier 1 Consultant Recommends:	Not reported
T1 Actual GW Ingestion:	No
T1 Poten GW Ingestion from Protected GW:	No
T1 Poten GW Ingestion from Protected GW:	No
T1 GW Vapor to Enclosed Space:	No
T1 GW to Plastic Water Line:	No
T1 Surface Water:	No
T1 Soil Leaching to GW:	No
T1 Soil Vapor to Enclosed Space:	No
T1 Soil to Plastic Line:	No
Tier 2 Consultant Recommends:	Not reported
T2 Actual GW Ingestion:	Not reported
T2 Poten GW Ingestion from Protected GW:	Not reported
T2 Poten GW Ingestion from Protected GW:	Not reported
T2 GW Vapor to Enclosed Space:	Not reported
T2 GW to Plastic Water Line:	Not reported
T2 SW General Use:	Not reported
T2 SW Designated Use:	Not reported
T2 Soil Leaching to GW:	Not reported
T2 Soil Vapor to Enclosed Space:	Not reported
T2 Soil to Plastic Line:	Not reported
Institutional Control Obtained:	No
NFA Certificate Sent:	Not reported
No Action Required:	**No**
Priority Ranking:	Not reported
Delete:	No

UST:

Registration:	198604830

UST:

Registration:	198604830
Status Description:	Regulated tanks - active
Type Description:	Private/Corporate
Tank Id:	13805
Install Date:	11/1/1975
Status Description:	Regulated tank - active
Capacity:	8000
Content Description:	Gasoline
Registration:	198604830
Tank Id:	13804
Install Date:	11/1/1975
Status Description:	Regulated tank - active
Capacity:	10000
Content Description:	Gasoline

GIT-N-GO (Continued) **U003169882**

HIST UST:

Tank Number:	001
Tank Status:	**Regulated tank - active**
Tank Type:	Commercial
Tank Capacity:	10000
Currently In Use:	Yes
Tank Material and Construction:	Steel Int. Lined with Fiberglass
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Yes
Temp Closed Date:	Not reported
Site Install Date:	11/1/75 0:00:00
Date Removed:	Not reported
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Yes
TIP None:	Not reported
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Yes
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Yes
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	4/4/03 0:00:00
TEP Other:	IMPRESSED (INSTALL: 10/21/94)
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Yes
LDS Tank Tightness Testing:	Yes
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	RED JACKET STL 1401L
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Not reported
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Yes

GIT-N-GO (Continued) **U003169882**

PCP Flex Wall:	X
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Yes
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Yes
PLD Automatic Line Tightness:	Yes
PLD Interstitial:	Yes
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	INTERSTITIAL MONITORING
Spill Protection:	Yes
Catchment Basin Size:	2
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Yes
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Yes
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Yes
Manufacturer Checklist Completed:	Yes
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	IUST INSPECTED
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

Tank Number:	002
Tank Status:	**Regulated tank - active**
Tank Type:	Commercial
Tank Capacity:	8000
Currently In Use:	Yes
Tank Material and Construction:	Steel Int. Lined with Fiberglass
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Yes
Temp Closed Date:	Not reported
Site Install Date:	11/1/75 0:00:00
Date Removed:	Not reported
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported

GIT-N-GO (Continued) **U003169882**

TIP Internal Lining:	Yes
TIP None:	Not reported
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Yes
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Yes
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	4/4/03 0:00:00
TEP Other:	IMPRESSED (RECERT: 10/21/94)
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Yes
LDS Tank Tightness Testing:	Yes
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	RED JACKET STL 1401L
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Not reported
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Yes
PCP Flex Wall:	X
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Yes
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Yes
PLD Automatic Line Tightness:	Yes
PLD Interstitial:	Yes
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	INTERSTITIAL MONITORING
Spill Protection:	Yes
Catchment Basin Size:	2
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Yes
Automatic Shutoff Device:	Yes

GIT-N-GO (Continued) **U003169882**

Flow Restrictor:	Yes
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Yes
Manufacturer Checklist Completed:	Yes
Tanks/Pipes Tested for leaks during/after Install:	Yes
Other Installation:	IUST INSPECTED
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

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BN283 **UNKNOWN** **UST** **U001868676**
NNW **4100 SW 9TH STREET** **HIST UST** **N/A**
> 1 **DES MOINES, IA 50315**
2.241 mi.
11835 ft. **Site 1 of 3 in cluster BN**

Relative: Higher

UST:
Registration: 198602797

Actual: 948 ft.

UST:
Registration: 198602797
Status Description: Regulated tanks - r/f
Type Description: Private/Corporate

Tank Id: 7616
Install Date: 12/1/1900
Status Description: Regulated tanks - r/f
Capacity: 6000
Content Description: Gasoline

Registration: 198602797
Tank Id: 7617
Install Date: 12/1/1900
Status Description: Regulated tanks - r/f
Capacity: 300
Content Description: Used Oil

Registration: 198602797
Tank Id: 7615
Install Date: 12/1/1900
Status Description: Regulated tanks - r/f
Capacity: 10000
Content Description: Gasoline

HIST UST:

Tank Number:	001
Tank Status:	**Regulated tanks - r/f**
Tank Type:	Commercial
Tank Capacity:	10000
Currently In Use:	No
Tank Material and Construction:	Steel
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	1/1/00 0:00:00
Site Install Date:	12/1/00 0:00:00
Date Removed:	7/1/87 0:00:00
Filled Inert:	Not reported

UNKNOWN (Continued) **U001868676**

Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Not reported
TIP Internal Unknown:	Not reported
TIP Internal Other:	NONE
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	NONE
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Yes
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported

UNKNOWN (Continued) **U001868676**

PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

Tank Number:	002
Tank Status:	**Regulated tanks - r/f**
Tank Type:	Commercial
Tank Capacity:	6000
Currently In Use:	No
Tank Material and Construction:	Steel
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	1/1/00 0:00:00
Site Install Date:	12/1/00 0:00:00
Date Removed:	7/1/87 0:00:00
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Not reported
TIP Internal Unknown:	Not reported
TIP Internal Other:	NONE
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported

UNKNOWN (Continued) **U001868676**

Date Cathodic Protection Tested:	Not reported
TEP Other:	NONE
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Yes
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

Tank Number:	003
Tank Status:	**Regulated tanks - r/f**
Tank Type:	Commercial
Tank Capacity:	300

UNKNOWN (Continued) **U001868676**

Currently In Use:	No
Tank Material and Construction:	Steel
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	1/1/00 0:00:00
Site Install Date:	12/1/00 0:00:00
Date Removed:	7/1/87 0:00:00
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Not reported
TIP Internal Unknown:	Not reported
TIP Internal Other:	NONE
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	NONE
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Not reported
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported

UNKNOWN (Continued) **U001868676**

TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

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BN284 **MAID RITE RESTAURANT** **RCRA-NonGen** **1000324500**
NNW **4100 SW 9TH** **FINDS** **IAD981509037**
> 1 **DES MOINES, IA 50315**
2.241 mi.
11835 ft. **Site 2 of 3 in cluster BN**

Relative:
Higher

Actual:
948 ft.

RCRA-NonGen:

Date form received by agency:	02/07/1994
Facility name:	MAID RITE RESTAURANT
Facility address:	4100 SW 9TH DES MOINES, IA 50315
EPA ID:	IAD981509037
Mailing address:	SW 9TH DES MOINES, IA 50315
Contact:	Not reported
Contact address:	Not reported Not reported
Contact country:	Not reported
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	07
Land type:	Private
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	JIM ROBBINS
Owner/operator address:	4100 SW 9TH

MAID RITE RESTAURANT (Continued) **1000324500**

DES MOINES, IA 50315
Owner/operator country: Not reported
Owner/operator telephone: (515) 244-8188
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: Unknown
Mixed waste (haz. and radioactive): Unknown
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: Unknown
Furnace exemption: Unknown
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Verified to be non-commercial

Historical Generators:
Date form received by agency: 08/25/1986
Facility name: MAID RITE RESTAURANT
Classification: Small Quantity Generator

Hazardous Waste Summary:
Waste code: NONE
Waste name: None

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 02/07/1994
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA Contractor/Grantee

FINDS:

Registry ID: 110005757038

MAID RITE RESTAURANT (Continued) **1000324500**

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

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285 WNW > 1 2.246 mi. 11861 ft. **FEDERAL EXPRESS CORP - DSMR** **RCRA-NonGen 1001076500**
2571 ARMY POST RD **FINDS IAR000001784**
DES MOINES, IA 50321

Relative: Higher

Actual: 944 ft.

RCRA-NonGen:

Date form received by agency:	02/26/1999
Facility name:	FEDERAL EXPRESS CORP - DSMR
Facility address:	2571 ARMY POST RD DES MOINES, IA 50321
EPA ID:	IAR000001784
Mailing address:	SW 9TH ST DES MOINES, IA 50309
Contact:	TODD SIMPSON
Contact address:	700 SW 9TH ST DES MOINES, IA 50309
Contact country:	US
Contact telephone:	(515) 280-3529
Contact email:	Not reported
EPA Region:	07
Land type:	Private
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	FEDERAL EXPRESS CORP
Owner/operator address:	2005 CORPORATE AVE MEMPHIS, TN 38132
Owner/operator country:	Not reported
Owner/operator telephone:	901
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	Unknown
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No

FEDERAL EXPRESS CORP - DSMR (Continued) **1001076500**

Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Verified to be non-commercial

Historical Generators:
Date form received by agency: 04/23/1996
Facility name: FEDERAL EXPRESS CORP - DSMR
Classification: Not a generator, verified

Hazardous Waste Summary:
Waste code: UOIL
Waste name: UOIL

Waste code: UOIL
Waste name: UOIL

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 04/23/1996
Evaluation: COMPLIANCE ASSISTANCE VISIT
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

FINDS:

Registry ID: 110005774019

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

BO286 **JOSEPH G BERTROCHE SR** **UST** **U001723573**
NNE **4000 SE 14TH STREET** **HIST UST** **N/A**
> 1 **DES MOINES, IA 50320**
2.249 mi.
11876 ft. **Site 1 of 2 in cluster BO**

Relative: Higher

UST:
Registration: 198602726

Actual: 891 ft.

UST:
Registration: 198602726
Status Description: Regulated tanks - r/f
Type Description: Private/Corporate

Tank Id: 7396
Install Date: 12/1/1900
Status Description: Regulated tanks - r/f

JOSEPH G BERTROCHE SR (Continued) **U001723573**

Capacity: 8000
Content Description: Gasoline

Registration: 198602726
Tank Id: 7398
Install Date: 12/1/1900
Status Description: Regulated tanks - r/f
Capacity: 4000
Content Description: Diesel

Registration: 198602726
Tank Id: 7397
Install Date: 12/1/1900
Status Description: Regulated tanks - r/f
Capacity: 8000
Content Description: Gasoline

Registration: 198602726
Tank Id: 7399
Install Date: 12/1/1900
Status Description: Non-regulated hoist oil tanks - r/f
Capacity: 40
Content Description: Other

Registration: 198602726
Tank Id: 7400
Install Date: 12/1/1900
Status Description: Non-regulated hoist oil tanks - r/f
Capacity: 40
Content Description: Other

HIST UST:

Tank Number:	001
Tank Status:	**Regulated tanks - r/f**
Tank Type:	Commercial
Tank Capacity:	8000
Currently In Use:	No
Tank Material and Construction:	Unknown
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported
Site Install Date:	12/1/00 0:00:00
Date Removed:	8/1/87 0:00:00
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Not reported

JOSEPH G BERTROCHE SR (Continued) **U001723573**

TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Not reported
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported

JOSEPH G BERTROCHE SR (Continued) **U001723573**

Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported
Tank Number:	002
Tank Status:	**Regulated tanks - r/f**
Tank Type:	Commercial
Tank Capacity:	8000
Currently In Use:	No
Tank Material and Construction:	Unknown
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported
Site Install Date:	12/1/00 0:00:00
Date Removed:	8/1/87 0:00:00
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Not reported
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported

JOSEPH G BERTROCHE SR (Continued) **U001723573**

LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Not reported
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

Tank Number:	003
Tank Status:	**Regulated tanks - r/f**
Tank Type:	Commercial
Tank Capacity:	4000
Currently In Use:	No
Tank Material and Construction:	Unknown
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported
Site Install Date:	12/1/00 0:00:00
Date Removed:	8/1/87 0:00:00
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported

JOSEPH G BERTROCHE SR (Continued) **U001723573**

No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Not reported
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Not reported
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported

JOSEPH G BERTROCHE SR (Continued) **U001723573**

PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

Tank Number:	004
Tank Status:	**Non-regulated hoist oil tanks - r/f**
Tank Type:	Not reported
Tank Capacity:	40
Currently In Use:	No
Tank Material and Construction:	Unknown
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported
Site Install Date:	12/1/00 0:00:00
Date Removed:	8/1/87 0:00:00
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Not reported
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported

JOSEPH G BERTROCHE SR (Continued) **U001723573**

Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Not reported
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

Tank Number:	005
Tank Status:	**Non-regulated hoist oil tanks - r/f**
Tank Type:	Not reported
Tank Capacity:	40
Currently In Use:	No
Tank Material and Construction:	Unknown
Tank Material and Construction Other:	Not reported

JOSEPH G BERTROCHE SR (Continued) **U001723573**

Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported
Site Install Date:	12/1/00 0:00:00
Date Removed:	8/1/87 0:00:00
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Not reported
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Not reported
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported

JOSEPH G BERTROCHE SR (Continued) **U001723573**

PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

Click this hyperlink while viewing on your computer to access additional IA HIST UST: detail in the EDR Site Report.

BO287 **QUIKTRIP** **LUST** **U003171251**
NNE **3940 SE 14TH #544** **HIST LUST** **N/A**
> 1 **DES MOINES, IA 50315** **UST**
2.282 mi. **HIST UST**
12050 ft. **Site 2 of 2 in cluster BO**

Relative: Higher

Actual: 900 ft.

LUST:

Registration:	198608490
Leak Number:	7LTL46
Date Reported:	4/24/1990
Date Cleanup Started:	2/17/1995
Date Cleanup Completed:	6/1/2001
Record Description:	No Action Required
Product Description:	Gasoline

HIST LUST:

Facility ID:	198608490
Leak Number:	7LTL46
Leak Entry Date:	04/26/90
Spill Number:	Not reported
Occur Date:	4/24/1990 0:00
Occur Time:	11:20AM
Discover Date:	4/24/1990 0:00
Discover Time:	11:20AM
Facility Addr 2:	Not reported
Facility Phone:	Not reported
Facility Fax1:	Not reported
Facility Fax2:	Not reported

QUIKTRIP (Continued) **U003171251**

Owner Name:	QUIKTRIP CORP - KELLI OSTMEYER
Owner Type:	Private/Corporate
Owner Addr:	4705 SOUTH 129TH EAST AVENUE
Owner Addr 2:	BOX 3475
Owner City,St,Zip:	TULSA, OK 741347008
Owner Phone:	9186157700
Owner Fax:	9186157465
Lead:	State Fund
Coordinator:	ERD
Staff Initials:	JPP
Leak Contact:	DAVE CISIEWSKI
Leak Address:	Not reported
Leak City,St,Zip:	0
Leak Phone:	3148781221
Record Name:	WOOLCOT
Record Date:	4/24/1990 0:00
Record Location:	Other
Reporter Name:	DAVE CISIEWSKI
Reporter Business:	QUIKTRIP
Reporter Date:	04/24/90
Reporter Addr:	1023 EXECUTIVE PKWY
Rprtr City,St,Zip:	ST LOUIS, MO 631410000
Reporter Phone:	3148781221
Responsible Party:	SHAWN MCCLANAHAN
RP Company:	QUIKTRIP CORPORATION
RP Address:	PO BOX 3475
RP City,St,Zip:	TULSA, OK 741013475
RP Phone:	0
RP Ext:	Not reported
RP Fax:	Not reported
ER Date:	Not reported
Delete:	No
Ground Water Professional ID:	1621
Ground Water Professional Due Date:	05/28/97
Ground Water Professional Received Date:	08/12/99
Corrective Action Design Report Id:	0
Corrective Action Design Due Date:	Not reported
Corrective Action Design Record Date:	/ /

IA Hist Lust Status:

ID:	3961
Site Leak Number:	7LTL46
Discovered During:	Other
Tanks Removed:	0
Leak Cause:	UNK
Gas:	Yes
Diesel:	Not reported
Oil:	Not reported
Kerosene:	Not reported
Released Fuel Oil:	Not reported
Released Hydraulic Oil:	Not reported
Released Other Petroleum:	Not reported
Released Unknown:	Not reported
Released Non_Petroleum Chemical:	Not reported
Gallons Released:	000000000000
Leak Status:	Unknown
Loc Soil:	Not reported
Loc Ground Water:	Yes

QUIKTRIP (Continued) **U003171251**

Loc Surface Water:	Not reported
Loc Water Supply:	Not reported
Res Public Water Supply:	Not reported
Resources Water Well:	Not reported
Res Actual Drinking WW:	Not reported
Res Non-Drink WW:	Not reported
respotprtg:	Not reported
ressoil:	Not reported
Res Ground Water:	Not reported
Res Surface Water:	Not reported
Res Toxic Vapor:	Not reported
Res Explosive Vapor:	Not reported
Res Other:	Not reported
Res Impacted Soil:	Not reported
Res Impacted Ground Water:	Not reported
Res Impacted Water Well:	Not reported
Res Impacted Pub Water Supply:	Not reported
Res Impacted Surface Water:	Not reported
Res Impacted Toxic Vapor:	Not reported
Res Impacted Explosive Vapor:	Not reported
Res Impacted Other:	Not reported
Res Impacted Drinking WW:	Not reported
Res Impacted Non-Drink WW:	Not reported
Res Impacted Potential Non Drink WW:	Not reported
Officials Onsite Health:	Not reported
Officials Onsite Fire:	Not reported
Officials Onsite Law:	Not reported
Officials Onsite Civil:	Not reported
Officials Onsite None:	Not reported
Officials Onsite Unknown:	Yes
Officials Onsite Other:	Not reported
AST:	Not reported
UST/LUST Other:	Not reported
Delete:	No

IA Hist Lust Cause:

Release Cause:	Unknown

IA Hist Lust Groundwater:

Groundwater Prof. Applicant Id Num.:	1621
Groundwater Pro. App. Last Name:	MAHER-LEWIS
Groundwater Pro. App. First Name:	ANITA
Groundwater Pro. Firm:	BARKER, LEMAR & ASSOCIATES
Groundwater Pro. Address:	1801 INDUSTRIAL CIRCLE
Groundwater Pro. Address 2:	Not reported
Groundwater Pro. City:	WEST DES MOINES
Groundwater Pro. State:	IA
Groundwater Pro. Zip Code:	-50265
Groundwater Pro. Tele:	5152568814
Groundwater Pro. Fax:	Not reported
Groundwater Pro. Email:	amaher@barkerlemar.com
Groundwater Pro. Exp. Of Gwp Cert.:	12/31/2007 0:00
Is The Gwp Certified?:	Yes
Is Gwp Cert. For Cadr?:	Yes

QUIKTRIP (Continued) **U003171251**

IA Hist Lust Misc:

Misc Due Date:	Not reported	Misc Rec Date:	3/14/00 0:00:00
Misc Other:	Not reported	Misc Title:	MTBE WORKSHEET & DISK

IA Hist Lust Site Monitoring Report:

Site Monitoring Report Due Date:	10/30/99 0:00:00
Site Monitoring Report Rec Date:	8/6/99 0:00:00
Site Monitoring Report Reg Date:	Not reported
Site Monitoring Report Rejected Date:	Not reported
Site Monitoring Report Type:	P
Reclassification Request Type:	Not reported
Site Monitoring Report Revd By:	Not reported
GW professional ID:	Not reported

IA Hist Lust Remediation:

Heat Treatment:	No
Land Application:	No
On Site:	No
Achieved Over-Excavation:	No
Soil Venting Passive:	No
Soil Venting Active:	No
Bioremediation Passive:	No
Bioremediation Active:	No
In Situ GW Treatment - Air Sparging:	No
Ground Water:	No
Fresh Water:	No
IGT - pH Adjustment:	No
Nutrient:	No
Oxygen:	No
Biological:	No
Permit Date:	Not reported
Other:	No
Surface Treatment - Carbon Absorption:	No
Biological:	No
ST Other:	No
TDT Sanitary Sewer:	No
TDT Storm Sewer:	No
Stream:	No
TDT Other:	No
Reduced Risk Plugged Well:	No
RR Replace:	No
RR Relocate:	No
RR Other:	No
Delete:	No

IA Hist Lust Free Product Recovery:

FPR Report Assesment Due:	Not reported
FPR Report Received:	Not reported
FPR Report Accepted:	Not reported
FPR Report Rejected:	Not reported
FPR Report Revised:	Not reported

IA Hist Lust Corrective Action Design Report:

Corrective Action Design Record Date:	Not reported
Corrective Action Design Received:	Not reported

QUIKTRIP (Continued) **U003171251**

Corrective Action Design Accepted:	Not reported
Corrective Action Design Rejected:	Not reported
Revised Report Received:	Not reported

IA Hist Lust Tier 1 Report:

T1 Assesment Due:	Not reported
T1 Received:	Not reported
Tier 1 Consultant Recommends:	Not reported
T1 Accepted:	Not reported
T1 Rejected:	Not reported
T1 Revised:	Not reported
T1 Reviewed:	Not reported

IA Hist Lust Tier 2 Report:

T2 Assesment Due:	2/15/00 0:00:00
T2 Received:	3/14/00 0:00:00
T2 Accepted:	Not reported
T2 Rejected:	4/19/01 0:00:00
T2 Reviewed:	JPP
T2 Assesment Due:	7/30/01 0:00:00
T2 Received:	5/8/01 0:00:00
T2 Accepted:	6/1/01 0:00:00
T2 Rejected:	Not reported
T2 Reviewed:	JPP

IA Hist Lust Tier 3 Report:

T3 Assesment Due:	Not reported
T3 Received:	Not reported
T3 Accepted:	Not reported
T3 Rejected:	Not reported

IA Hist Lust Administration:

ID:	3961
Owner Identified:	Yes
Responsible Party Found:	Yes
RP Date:	4/26/90 0:00:00
Owner Broke:	No
ER Date:	Not reported
Cost Recovery Start Dt:	Not reported
CR Notice of Intent Dt:	Not reported
CR Appeal of NOI Dt:	Not reported
CR Final Decision Dt:	Not reported
CR EP Comm Lien Approval Dt:	Not reported
CR Lien:	Not reported
CR Ten Yr Renewal Dt:	Not reported
CR Lien Named:	No
crtyrdate:	Not reported
CR Remediation:	Not reported
Delete:	No
CR Amnt Received:	Not reported
CR End Date:	Not reported

IA Hist Lust 28E:

Counter:	Not reported

QUIKTRIP (Continued) **U003171251**

Staff Initials: Not reported
Type: Not reported
County: Not reported
Part Of State: Not reported
Priority Number: Not reported
Reason: Not reported
Responsible Party: Not reported
rfpno: Not reported
Removed: Not reported
Date Removed: Not reported
Field Office: Not reported
Newlist: Not reported
State Lead: Not reported
Access Letter Mailed: Not reported
Owner Signed Access: Not reported
Signed Access to Contractor: Not reported
Contractor Signed Access: Not reported
Final Access Mailed: Not reported
nfr: Not reported
Start Date: Not reported

IA Hist Lust AO:
Seq Number: Not reported
Distribution: Not reported
UST/LUST Other: Not reported
Order Type: Not reported
Legal Ref Start: Not reported
Division ADM Date: Not reported
CE Bureau Date: Not reported
AO Issue Date: Not reported
AO Number: Not reported
Name Of Parties: Not reported
Penalty Due Date: Not reported
Penalty Amount: Not reported
Penalty Paid Date: Not reported
Penalty Amount Paid: Not reported
AO Appeal Date: Not reported
ALJ Decision Date: Not reported
EPC Decision Date: Not reported
Attorney Gen Ref Date: Not reported
Final Court Decision: Not reported
Case Number: Not reported
County: Not reported
Action Required: Not reported
Compliance Due: Not reported
In Compliance Date: Not reported
Removed: Not reported
Staff Initials: Not reported

IA Hist Lust ATP:
Seq Number: Not reported
Last Name: Not reported
Priority Rank: Not reported
Type: Not reported
Reason: Not reported
ATP Due: Not reported

QUIKTRIP (Continued) **U003171251**

ATP Letter:	Not reported
Financial Documents Recvd:	Not reported
Able/Unable To Pay:	Not reported
Final Letter:	Not reported
Project Complete:	Not reported
RP Able to Pay:	Not reported
Project Removed:	Not reported
Staff Initials:	Not reported
Comment:	Not reported

IA Hist Lust Contract:

Seq Number:	Not reported
Tank City:	Not reported
Staff Initials:	Not reported
Score:	Not reported
Scope Completed:	Not reported
Advertise:	Not reported
Receive Bids:	Not reported
Commission Approval:	Not reported
Contract Approved:	Not reported
Original Contract Amt:	Not reported
Change Orders:	Not reported
Paid to Date:	Not reported
SCR/CADR Received:	Not reported
SCR/CADR Approved:	Not reported
Contract:	Not reported

IA Hist Lust Bedrock Well:

ID:	Not reported
Category:	Not reported
Sample Water Supply:	Not reported
GIS Survey:	Not reported

IA Hist Lust Inst Control:

Inst Control Begin:	Not reported
Inst Control Type:	Not reported

IA Hist Lust Track:

ID:	3961
Site Assesment Start Date:	4/9/90 0:00:00
Free Product Recvry End Date:	Not reported
FP Letter Sent Date:	Not reported
FP Report Frequency:	Not reported
Assesment Report Due:	Not reported
Assesment Report Received:	Not reported
Assesment Report Approved:	Not reported
Achieved Over-Excavation:	Not reported
Release Not Verified Date:	Not reported
Ref to Contaminated Site Section:	Not reported
Cleanup Start Date:	2/17/95 0:00:00
Cleanup Complete Date:	6/1/01 0:00:00
Cleanup Report Due Date:	Not reported
Cleanup Report Received Date:	Not reported
Cleanup Report Approved Date:	Not reported
Check Report Due Date:	Not reported

QUIKTRIP (Continued) **U003171251**

Check Report Received Date:	Not reported
Check Report Rejected Date:	Not reported
Check Report Approved Date:	Not reported
Date Classified:	6/1/01 0:00:00
Risk Classification -NFA:	Yes
Class - Low Risk:	No
Class - High Risk:	No
Lust Current:	No Action Required
Tier 1 Consultant Recommends:	Not reported
T1 Actual GW Ingestion:	No
T1 Poten GW Ingestion from Protected GW:	No
T1 Poten GW Ingestion from Protected GW:	No
T1 GW Vapor to Enclosed Space:	No
T1 GW to Plastic Water Line:	No
T1 Surface Water:	No
T1 Soil Leaching to GW:	No
T1 Soil Vapor to Enclosed Space:	No
T1 Soil to Plastic Line:	No
Tier 2 Consultant Recommends:	NFA
T2 Actual GW Ingestion:	NFA
T2 Poten GW Ingestion from Protected GW:	NFA
T2 Poten GW Ingestion from Protected GW:	NFA
T2 GW Vapor to Enclosed Space:	NFA
T2 GW to Plastic Water Line:	NFA
T2 SW General Use:	NFA
T2 SW Designated Use:	NFA
T2 Soil Leaching to GW:	NFA
T2 Soil Vapor to Enclosed Space:	NFA
T2 Soil to Plastic Line:	NFA
Institutional Control Obtained:	No
NFA Certificate Sent:	10/1/01 0:00:00
No Action Required:	**No**
Priority Ranking:	5
Delete:	No

UST:

Registration:	198608490

UST:

Registration:	198608490
Status Description:	Regulated tanks - r/f
Type Description:	Private/Corporate
Tank Id:	25707
Install Date:	10/1/1984
Status Description:	Regulated tanks - r/f
Capacity:	8000
Content Description:	Kerosene
Registration:	198608490
Tank Id:	25705
Install Date:	4/1/1981
Status Description:	Regulated tanks - r/f
Capacity:	12000
Content Description:	Gasoline

QUIKTRIP (Continued) **U003171251**

Registration: 198608490
Tank Id: 25706
Install Date: 4/1/1981
Status Description: Regulated tanks - r/f
Capacity: 12000
Content Description: Gasoline

Registration: 198608490
Tank Id: 25704
Install Date: 4/1/1981
Status Description: Regulated tanks - r/f
Capacity: 12000
Content Description: Gasoline

HIST UST:

Tank Number:	001
Tank Status:	**Regulated tanks - r/f**
Tank Type:	Commercial
Tank Capacity:	12000
Currently In Use:	No
Tank Material and Construction:	Steel
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported
Site Install Date:	4/1/81 0:00:00
Date Removed:	4/1/91 0:00:00
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Not reported
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported

QUIKTRIP (Continued) **U003171251**

LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Yes
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

Tank Number:	002
Tank Status:	**Regulated tanks - r/f**
Tank Type:	Commercial
Tank Capacity:	12000
Currently In Use:	No
Tank Material and Construction:	Steel
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported

QUIKTRIP (Continued) **U003171251**

Temp Closed Date:	Not reported
Site Install Date:	4/1/81 0:00:00
Date Removed:	4/1/91 0:00:00
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Not reported
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Yes
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported

QUIKTRIP (Continued) **U003171251**

PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

Tank Number:	003
Tank Status:	**Regulated tanks - r/f**
Tank Type:	Commercial
Tank Capacity:	12000
Currently In Use:	No
Tank Material and Construction:	Steel
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported
Site Install Date:	4/1/81 0:00:00
Date Removed:	4/1/91 0:00:00
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Not reported
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported

QUIKTRIP (Continued) **U003171251**

TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Yes
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

QUIKTRIP (Continued) **U003171251**

Tank Number:	004
Tank Status:	**Regulated tanks - r/f**
Tank Type:	Commercial
Tank Capacity:	8000
Currently In Use:	No
Tank Material and Construction:	FRP
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported
Site Install Date:	10/1/84 0:00:00
Date Removed:	4/1/91 0:00:00
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Not reported
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Not reported
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported

QUIKTRIP (Continued) **U003171251**

PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

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BN288 **KUM & GO #194** **LUST** **U003170865**
NNW **4001 SW 9TH STREET** **HIST LUST** **N/A**
> 1 **DES MOINES, IA 50315** **UST**
2.301 mi. **HIST UST**
12150 ft. **Site 3 of 3 in cluster BN**

Relative:
Higher

Actual:
951 ft.

LUST:

Registration:	198607450
Leak Number:	8LTS41
Date Reported:	2/27/1992
Date Cleanup Started:	6/17/1999
Date Cleanup Completed:	Not reported
Record Description:	High Risk
Product Description:	Gasoline

HIST LUST:

Facility ID:	198607450
Leak Number:	8LTS41
Leak Entry Date:	03/02/92
Spill Number:	Not reported
Occur Date:	Not reported
Occur Time:	Not reported
Discover Date:	Not reported
Discover Time:	Not reported

KUM & GO #194 (Continued) **U003170865**

Facility Addr 2:	Not reported
Facility Phone:	5152845740
Facility Fax1:	Not reported
Facility Fax2:	Not reported
Owner Name:	KUM & GO LLC
Owner Type:	Private/Corporate
Owner Addr:	ENVIRONMENTAL DEPT
Owner Addr 2:	6400 WESTOWN PKWY
Owner City,St,Zip:	WEST DES MOINES, IA 50266-
Owner Phone:	5152617751
Owner Fax:	5152622469
Lead:	State Fund
Coordinator:	ERD
Staff Initials:	BDJ
Leak Contact:	RICK KRAFELS
Leak Address:	Not reported
Leak City,St,Zip:	0
Leak Phone:	3166698504
Record Name:	BOYDSTON
Record Date:	3/2/1992 0:00
Record Location:	Lust
Reporter Name:	TIM ROARK
Reporter Business:	NESCO
Reporter Date:	02/27/92
Reporter Addr:	2910 WESTOWN PKWY
Rprtr City,St,Zip:	WEST DES MOINES, IA 502650000
Reporter Phone:	5152260779
Responsible Party:	TIM ROARK
RP Company:	KWIK SHOP
RP Address:	734 E 4TH AVE
RP Address 2:	PO BOX 1927
RP City,St,Zip:	HUTCHINSON, KS 675041927
RP Phone:	0
RP Ext:	Not reported
RP Fax:	Not reported
ER Date:	Not reported
Delete:	No
Ground Water Professional ID:	1669
Ground Water Professional Due Date:	05/05/97
Ground Water Professional Received Date:	04/12/99
Corrective Action Design Report Id:	2029
Corrective Action Design Due Date:	Not reported
Corrective Action Design Record Date:	06/17/04

IA Hist Lust Status:

ID:	3478
Site Leak Number:	8LTS41
Discovered During:	Other
Tanks Removed:	00
Leak Cause:	UNK
Gas:	Yes
Diesel:	Not reported
Oil:	Not reported
Kerosene:	Not reported
Released Fuel Oil:	Not reported
Released Hydraulic Oil:	Not reported
Released Other Petroleum:	Not reported
Released Unknown:	Not reported

KUM & GO #194 (Continued) **U003170865**

Released Non_Petroleum Chemical:	Not reported
Gallons Released:	UNK000000000
Leak Status:	Unknown
Loc Soil:	Yes
Loc Ground Water:	Not reported
Loc Surface Water:	Not reported
Loc Water Supply:	Not reported
Res Public Water Supply:	Not reported
Resources Water Well:	Not reported
Res Actual Drinking WW:	Not reported
Res Non-Drink WW:	Not reported
respotprtg:	Not reported
ressoil:	Not reported
Res Ground Water:	Not reported
Res Surface Water:	Not reported
Res Toxic Vapor:	Not reported
Res Explosive Vapor:	Not reported
Res Other:	Not reported
Res Impacted Soil:	Not reported
Res Impacted Ground Water:	Not reported
Res Impacted Water Well:	Not reported
Res Impacted Pub Water Supply:	Not reported
Res Impacted Surface Water:	Not reported
Res Impacted Toxic Vapor:	Not reported
Res Impacted Explosive Vapor:	Not reported
Res Impacted Other:	Not reported
Res Impacted Drinking WW:	Not reported
Res Impacted Non-Drink WW:	Not reported
Res Impacted Potential Non Drink WW:	Not reported
Officials Onsite Health:	Not reported
Officials Onsite Fire:	Not reported
Officials Onsite Law:	Not reported
Officials Onsite Civil:	Not reported
Officials Onsite None:	Not reported
Officials Onsite Unknown:	Yes
Officials Onsite Other:	Not reported
AST:	Not reported
UST/LUST Other:	Not reported
Delete:	No

IA Hist Lust Cause:

Release Cause:	Unknown

IA Hist Lust HICA:

Leak Number:	8LTS41
Registration Number:	198607450
Date CorrectiveActionDesign Report(CADR) Rec:	10/25/2004 0:00
Date CADR Due:	10/25/2004 0:00
Date CADR Approved:	10/26/2004 0:00
Date CADR Rejected:	Not reported
Date CADR Remediation Started:	Not reported
Date CADR Remediation Completed:	Not reported
Staff CADR Reviewed By:	ERD

IA Hist Lust Groundwater:
Groundwater Prof. Applicant Id Num.:1669

KUM & GO #194 (Continued) **U003170865**

Groundwater Pro. App. Last Name: ECKHOFF
Groundwater Pro. App. First Name: MARCIA
Groundwater Pro. Firm: MAGELLAN MIDSTREAM PARTNERS
Groundwater Pro. Address: 5042 MAPLE DRIVE
Groundwater Pro. Address 2: Not reported
Groundwater Pro. City: PLEASANT HILL
Groundwater Pro. State: IA
Groundwater Pro. Zip Code: -50327
Groundwater Pro. Tele: 5152652111
Groundwater Pro. Fax: Not reported
Groundwater Pro. Email: marcia.eckhoff@magellanlp.com
Groundwater Pro. Exp. Of Gwp Cert.: 12/31/2003 0:00
Is The Gwp Certified?: No
Is Gwp Cert. For Cadr?: No

IA Hist Lust Misc:

Misc Due Date:	Not reported	Misc Rec Date:	10/31/03 0:00:00
Misc Other:	Not reported	Misc Title:	MTBE WORKSHEET & DISK
Misc Due Date:	Not reported	Misc Rec Date:	7/17/03 0:00:00
Misc Other:	Not reported	Misc Title:	MTBE WORKSHEET & DISK
Misc Due Date:	Not reported	Misc Rec Date:	6/17/04 0:00:00
Misc Other:	Not reported	Misc Title:	MTBE WORKSHEET & DISK
Misc Due Date:	11/30/04 0:00:00	Misc Rec Date:	Not reported
Misc Other:	Not reported	Misc Title:	SG and GW results
Misc Due Date:	10/11/04 0:00:00	Misc Rec Date:	10/11/04 0:00:00
Misc Other:	Not reported	Misc Title:	POST T2 Worksheet
Misc Due Date:	Not reported	Misc Rec Date:	3/3/05 0:00:00
Misc Other:	Not reported	Misc Title:	MTBE WORKSHEET & DISK
Misc Due Date:	Not reported	Misc Rec Date:	1/19/01 0:00:00
Misc Other:	Not reported	Misc Title:	MTBE WORKSHEET & DISK
Misc Due Date:	Not reported	Misc Rec Date:	4/13/06 0:00:00
Misc Other:	Not reported	Misc Title:	MTBE WORKSHEET & DISK
Misc Due Date:	Not reported	Misc Rec Date:	1/11/07 0:00:00
Misc Other:	Not reported	Misc Title:	REC'D MTBE PER E-MAIL

IA Hist Lust Site Monitoring Report:

Site Monitoring Report Due Date:	10/30/03 0:00:00
Site Monitoring Report Rec Date:	10/31/03 0:00:00
Site Monitoring Report Reg Date:	1/2/04 0:00:00
Site Monitoring Report Rejected Date:	Not reported
Site Monitoring Report Type:	L
Reclassification Request Type:	Not reported
Site Monitoring Report Revd By:	ERD
GW professional ID:	Not reported
Site Monitoring Report Due Date:	10/30/05 0:00:00
Site Monitoring Report Rec Date:	4/13/06 0:00:00
Site Monitoring Report Reg Date:	Not reported

KUM & GO #194 (Continued) **U003170865**

Site Monitoring Report Rejected Date: 8/4/06 0:00:00
Site Monitoring Report Type: H
Reclassification Request Type: Not reported
Site Monitoring Report Revd By: KDW
GW professional ID: 2029

Site Monitoring Report Due Date: 10/30/97 0:00:00
Site Monitoring Report Rec Date: 6/1/99 0:00:00
Site Monitoring Report Reg Date: Not reported
Site Monitoring Report Rejected Date: Not reported
Site Monitoring Report Type: P
Reclassification Request Type: Not reported
Site Monitoring Report Revd By: Not reported
GW professional ID: Not reported

Site Monitoring Report Due Date: 10/30/00 0:00:00
Site Monitoring Report Rec Date: 1/19/01 0:00:00
Site Monitoring Report Reg Date: 1/2/04 0:00:00
Site Monitoring Report Rejected Date: Not reported
Site Monitoring Report Type: H
Reclassification Request Type: Not reported
Site Monitoring Report Revd By: ERD
GW professional ID: Not reported

Site Monitoring Report Due Date: 11/30/06 0:00:00
Site Monitoring Report Rec Date: 1/10/07 0:00:00
Site Monitoring Report Reg Date: Not reported
Site Monitoring Report Rejected Date: Not reported
Site Monitoring Report Type: H
Reclassification Request Type: Not reported
Site Monitoring Report Revd By: Not reported
GW professional ID: 1990

Site Monitoring Report Due Date: 10/30/01 0:00:00
Site Monitoring Report Rec Date: 2/4/02 0:00:00
Site Monitoring Report Reg Date: 1/2/04 0:00:00
Site Monitoring Report Rejected Date: Not reported
Site Monitoring Report Type: H
Reclassification Request Type: Low R
Site Monitoring Report Revd By: ERD
GW professional ID: Not reported

Site Monitoring Report Due Date: Not reported
Site Monitoring Report Rec Date: 7/17/03 0:00:00
Site Monitoring Report Reg Date: 1/2/04 0:00:00
Site Monitoring Report Rejected Date: Not reported
Site Monitoring Report Type: Not reported
Reclassification Request Type: Not reported
Site Monitoring Report Revd By: ERD
GW professional ID: Not reported

IA Hist Lust Remediation:
Heat Treatment: No
Land Application: No
On Site: No
Achieved Over-Excavation: No
Soil Venting Passive: No

KUM & GO #194 (Continued) **U003170865**

Soil Venting Active:	No
Bioremediation Passive:	No
Bioremediation Active:	No
In Situ GW Treatment - Air Sparging:	No
Ground Water:	No
Fresh Water:	No
IGT - pH Adjustment:	No
Nutrient:	No
Oxygen:	No
Biological:	No
Permit Date:	Not reported
Other:	No
Surface Treatment - Carbon Absorption:	No
Biological:	No
ST Other:	No
TDT Sanitary Sewer:	No
TDT Storm Sewer:	No
Stream:	No
TDT Other:	No
Reduced Risk Plugged Well:	No
RR Replace:	No
RR Relocate:	No
RR Other:	No
Delete:	No

IA Hist Lust Free Product Recovery:

FPR Report Assesment Due:	Not reported
FPR Report Received:	4/12/99 0:00:00
FPR Report Accepted:	Not reported
FPR Report Rejected:	Not reported
FPR Report Revised:	Not reported
FPR Report Assesment Due:	Not reported
FPR Report Received:	5/12/99 0:00:00
FPR Report Accepted:	Not reported
FPR Report Rejected:	Not reported
FPR Report Revised:	Not reported
FPR Report Assesment Due:	Not reported
FPR Report Received:	5/18/99 0:00:00
FPR Report Accepted:	Not reported
FPR Report Rejected:	Not reported
FPR Report Revised:	Not reported
FPR Report Assesment Due:	2/20/99 0:00:00
FPR Report Received:	2/15/99 0:00:00
FPR Report Accepted:	2/18/99 0:00:00
FPR Report Rejected:	Not reported
FPR Report Revised:	Not reported
FPR Report Assesment Due:	3/20/99 0:00:00
FPR Report Received:	3/12/99 0:00:00
FPR Report Accepted:	Not reported
FPR Report Rejected:	Not reported
FPR Report Revised:	Not reported
FPR Report Assesment Due:	Not reported

KUM & GO #194 (Continued) **U003170865**

FPR Report Received: 6/3/99 0:00:00
FPR Report Accepted: Not reported
FPR Report Rejected: Not reported
FPR Report Revised: Not reported

FPR Report Assesment Due: Not reported
FPR Report Received: 6/14/99 0:00:00
FPR Report Accepted: Not reported
FPR Report Rejected: Not reported
FPR Report Revised: Not reported

FPR Report Assesment Due: Not reported
FPR Report Received: 8/5/99 0:00:00
FPR Report Accepted: Not reported
FPR Report Rejected: Not reported
FPR Report Revised: Not reported

FPR Report Assesment Due: 9/15/99 0:00:00
FPR Report Received: 9/27/99 0:00:00
FPR Report Accepted: 1/14/00 0:00:00
FPR Report Rejected: Not reported
FPR Report Revised: Not reported

FPR Report Assesment Due: 1/15/00 0:00:00
FPR Report Received: Not reported
FPR Report Accepted: Not reported
FPR Report Rejected: Not reported
FPR Report Revised: Not reported

FPR Report Assesment Due: Not reported
FPR Report Received: 6/7/01 0:00:00
FPR Report Accepted: 6/11/01 0:00:00
FPR Report Rejected: Not reported
FPR Report Revised: Not reported

FPR Report Assesment Due: 10/15/01 0:00:00
FPR Report Received: 6/28/02 0:00:00
FPR Report Accepted: 7/17/02 0:00:00
FPR Report Rejected: Not reported
FPR Report Revised: Not reported

IA Hist Lust Corrective Action Design Report:
Corrective Action Design Record Date: Not reported
Corrective Action Design Received: Not reported
Corrective Action Design Accepted: Not reported
Corrective Action Design Rejected: Not reported
Revised Report Received: Not reported

IA Hist Lust Tier 1 Report:
T1 Assesment Due: Not reported
T1 Received: Not reported
Tier 1 Consultant Recommends: Not reported
T1 Accepted: Not reported
T1 Rejected: Not reported
T1 Revised: Not reported
T1 Reviewed: Not reported

KUM & GO #194 (Continued) **U003170865**

IA Hist Lust Tier 2 Report:

T2 Assesment Due:	1/30/05 0:00:00
T2 Received:	3/3/05 0:00:00
T2 Accepted:	8/4/06 0:00:00
T2 Rejected:	Not reported
T2 Reviewed:	KDW
T2 Assesment Due:	Not reported
T2 Received:	6/1/99 0:00:00
T2 Accepted:	6/17/99 0:00:00
T2 Rejected:	Not reported
T2 Reviewed:	Not reported
T2 Assesment Due:	4/2/04 0:00:00
T2 Received:	6/17/04 0:00:00
T2 Accepted:	9/7/04 0:00:00
T2 Rejected:	Not reported
T2 Reviewed:	ERD

IA Hist Lust Tier 3 Report:

T3 Assesment Due:	Not reported
T3 Received:	Not reported
T3 Accepted:	Not reported
T3 Rejected:	Not reported

IA Hist Lust Administration:

ID:	3478
Owner Identified:	Yes
Responsible Party Found:	Yes
RP Date:	3/2/92 0:00:00
Owner Broke:	No
ER Date:	Not reported
Cost Recovery Start Dt:	Not reported
CR Notice of Intent Dt:	Not reported
CR Appeal of NOI Dt:	Not reported
CR Final Decision Dt:	Not reported
CR EP Comm Lien Approval Dt:	Not reported
CR Lien:	Not reported
CR Ten Yr Renewal Dt:	Not reported
CR Lien Named:	No
crtyrdate:	Not reported
CR Remediation:	Not reported
Delete:	No
CR Amnt Received:	Not reported
CR End Date:	Not reported

IA Hist Lust 28E:

Counter:	Not reported
Staff Initials:	Not reported
Type:	Not reported
County:	Not reported
Part Of State:	Not reported
Priority Number:	Not reported
Reason:	Not reported
Responsible Party:	Not reported

KUM & GO #194 (Continued) **U003170865**

rfpno:	Not reported
Removed:	Not reported
Date Removed:	Not reported
Field Office:	Not reported
Newlist:	Not reported
State Lead:	Not reported
Access Letter Mailed:	Not reported
Owner Signed Access:	Not reported
Signed Access to Contractor:	Not reported
Contractor Signed Access:	Not reported
Final Access Mailed:	Not reported
nfr:	Not reported
Start Date:	Not reported

IA Hist Lust AO:

Seq Number:	Not reported
Distribution:	Not reported
UST/LUST Other:	Not reported
Order Type:	Not reported
Legal Ref Start:	Not reported
Division ADM Date:	Not reported
CE Bureau Date:	Not reported
AO Issue Date:	Not reported
AO Number:	Not reported
Name Of Parties:	Not reported
Penalty Due Date:	Not reported
Penalty Amount:	Not reported
Penalty Paid Date:	Not reported
Penalty Amount Paid:	Not reported
AO Appeal Date:	Not reported
ALJ Decision Date:	Not reported
EPC Decision Date:	Not reported
Attorney Gen Ref Date:	Not reported
Final Court Decision:	Not reported
Case Number:	Not reported
County:	Not reported
Action Required:	Not reported
Compliance Due:	Not reported
In Compliance Date:	Not reported
Removed:	Not reported
Staff Initials:	Not reported

IA Hist Lust ATP:

Seq Number:	Not reported
Last Name:	Not reported
Priority Rank:	Not reported
Type:	Not reported
Reason:	Not reported
ATP Due:	Not reported
ATP Letter:	Not reported
Financial Documents Recvd:	Not reported
Able/Unable To Pay:	Not reported
Final Letter:	Not reported
Project Complete:	Not reported
RP Able to Pay:	Not reported
Project Removed:	Not reported

KUM & GO #194 (Continued) **U003170865**

Staff Initials:	Not reported
Comment:	Not reported

IA Hist Lust Contract:

Seq Number:	Not reported
Tank City:	Not reported
Staff Initials:	Not reported
Score:	Not reported
Scope Completed:	Not reported
Advertise:	Not reported
Receive Bids:	Not reported
Commission Approval:	Not reported
Contract Approved:	Not reported
Original Contract Amt:	Not reported
Change Orders:	Not reported
Paid to Date:	Not reported
SCR/CADR Received:	Not reported
SCR/CADR Approved:	Not reported
Contract:	Not reported

IA Hist Lust Bedrock Well:

ID:	Not reported
Category:	Not reported
Sample Water Supply:	Not reported
GIS Survey:	Not reported

IA Hist Lust Inst Control:

Inst Control Begin:	Not reported
Inst Control Type:	Not reported

IA Hist Lust Track:

ID:	3478
Site Assesment Start Date:	4/13/92 0:00:00
Free Product Recvry End Date:	6/12/01 0:00:00
FP Letter Sent Date:	12/9/96 0:00:00
FP Report Frequency:	QUARTERLY
Assesment Report Due:	Not reported
Assesment Report Received:	Not reported
Assesment Report Approved:	Not reported
Achieved Over-Excavation:	Not reported
Release Not Verified Date:	Not reported
Ref to Contaminated Site Section:	Not reported
Cleanup Start Date:	6/17/99 0:00:00
Cleanup Complete Date:	Not reported
Cleanup Report Due Date:	Not reported
Cleanup Report Received Date:	Not reported
Cleanup Report Approved Date:	Not reported
Check Report Due Date:	Not reported
Check Report Received Date:	Not reported
Check Report Rejected Date:	Not reported
Check Report Approved Date:	Not reported
Date Classified:	6/17/99 0:00:00
Risk Classification -NFA:	No
Class - Low Risk:	No
Class - High Risk:	Yes

KUM & GO #194 (Continued) **U003170865**

Lust Current:	High Risk
Tier 1 Consultant Recommends:	Not reported
T1 Actual GW Ingestion:	No
T1 Poten GW Ingestion from Protected GW:	No
T1 Poten GW Ingestion from Protected GW:	No
T1 GW Vapor to Enclosed Space:	No
T1 GW to Plastic Water Line:	No
T1 Surface Water:	No
T1 Soil Leaching to GW:	No
T1 Soil Vapor to Enclosed Space:	No
T1 Soil to Plastic Line:	No
Tier 2 Consultant Recommends:	High Risk
T2 Actual GW Ingestion:	NFA
T2 Poten GW Ingestion from Protected GW:	NFA
T2 Poten GW Ingestion from Protected GW:	NFA
T2 GW Vapor to Enclosed Space:	High Risk
T2 GW to Plastic Water Line:	High Risk
T2 SW General Use:	NFA
T2 SW Designated Use:	NFA
T2 Soil Leaching to GW:	NFA
T2 Soil Vapor to Enclosed Space:	High Risk
T2 Soil to Plastic Line:	NFA
Institutional Control Obtained:	No
NFA Certificate Sent:	Not reported
No Action Required:	**No**
Priority Ranking:	1
Delete:	No

UST:

Registration:	198607450

UST:

Registration:	198607450
Status Description:	Regulated tanks - active
Type Description:	Private/Corporate
Tank Id:	22622
Install Date:	11/1/1985
Status Description:	Regulated tank - active
Capacity:	10000
Content Description:	Gasoline
Registration:	198607450
Tank Id:	22620
Install Date:	11/1/1985
Status Description:	Regulated tank - active
Capacity:	10000
Content Description:	Gasoline
Registration:	198607450
Tank Id:	22621
Install Date:	11/1/1985
Status Description:	Regulated tank - active
Capacity:	10000
Content Description:	Gasoline

KUM & GO #194 (Continued) **U003170865**

HIST UST:

Tank Number:	001
Tank Status:	**Regulated tank - active**
Tank Type:	Commercial
Tank Capacity:	10000
Currently In Use:	Yes
Tank Material and Construction:	FRP
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported
Site Install Date:	11/1/85 0:00:00
Date Removed:	Not reported
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Yes
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Yes
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	11/17/04 0:00:00
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Yes
LDS Tank Tightness Testing:	Yes
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	VEEDER ROOT TLS 350 W/CSLD
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Not reported
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported

KUM & GO #194 (Continued) **U003170865**

PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Yes
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Yes
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Yes
PLD Automatic Line Tightness:	Yes
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	VR TLS 350
Spill Protection:	Yes
Catchment Basin Size:	Yes
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Yes
Automatic Shutoff Device:	Yes
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Yes
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

Tank Number:	002
Tank Status:	**Regulated tank - active**
Tank Type:	Commercial
Tank Capacity:	10000
Currently In Use:	Yes
Tank Material and Construction:	FRP
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported
Site Install Date:	11/1/85 0:00:00
Date Removed:	Not reported
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported

KUM & GO #194 (Continued) **U003170865**

TIP Internal Lining:	Not reported
TIP None:	Yes
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Yes
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	11/17/04 0:00:00
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Yes
LDS Tank Tightness Testing:	Yes
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	VEEDER ROOT TLS 350 W/CSLD
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Not reported
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Yes
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Yes
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Yes
PLD Automatic Line Tightness:	Yes
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	VEEDER ROOT TLS 350
Spill Protection:	Yes
Catchment Basin Size:	Yes
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Yes
Automatic Shutoff Device:	Yes

KUM & GO #194 (Continued) **U003170865**

Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Yes
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

Tank Number:	003
Tank Status:	**Regulated tank - active**
Tank Type:	Commercial
Tank Capacity:	10000
Currently In Use:	Yes
Tank Material and Construction:	FRP
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported
Site Install Date:	11/1/85 0:00:00
Date Removed:	Not reported
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Yes
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Yes
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	11/17/04 0:00:00
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Yes
LDS Tank Tightness Testing:	Yes
LDS Statistical:	Not reported

KUM & GO #194 (Continued) **U003170865**

LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	VEEDER ROOT TLS 350
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Not reported
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Yes
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Yes
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Yes
PLD Automatic Line Tightness:	Yes
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	VEEDER ROOT TLS 350
Spill Protection:	Yes
Catchment Basin Size:	Yes
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Yes
Automatic Shutoff Device:	Yes
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Yes
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

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289
NNW
> 1
2.350 mi.
12406 ft.

COPPOLA ENTERPRISES, INC **LUST** **S106058801**
3920 SW 9TH STREET **HIST LUST** **N/A**
DES MOINES, IA 50315

Relative:
Higher

Actual:
951 ft.

LUST:

Registration:	197910094
Leak Number:	8LTV65
Date Reported:	2/2/1993
Date Cleanup Started:	Not reported
Date Cleanup Completed:	7/18/2005
Record Description:	No Action Required
Product Description:	Gasoline

COPPOLA ENTERPRISES, INC (Continued) **S106058801**

HIST LUST:

Facility ID:	197910094
Leak Number:	8LTV65
Leak Entry Date:	03/04/93
Spill Number:	Not reported
Occur Date:	Not reported
Occur Time:	Not reported
Discover Date:	Not reported
Discover Time:	Not reported
Facility Addr 2:	Not reported
Facility Phone:	Not reported
Facility Fax1:	Not reported
Facility Fax2:	Not reported
Owner Name:	COPPOLA ENTERPRISES, INC
Owner Type:	Private/Corporate
Owner Addr:	4521 FLEUR DRIVE, SUITE C
Owner City,St,Zip:	DES MOINES, IA 503210000
Owner Phone:	5152858880
Owner Fax:	Not reported
Lead:	Responsible Party
Coordinator:	ERD
Staff Initials:	ERD
Leak Contact:	MIKE COPPOLA
Leak Address:	Not reported
Leak City,St,Zip:	0
Leak Phone:	5152858880
Record Name:	BOYDSTON
Record Date:	3/3/1993 0:00
Record Location:	Lust
Reporter Name:	MARK BROOKS
Reporter Business:	GROUNDWATER TECHNOLOGY
Reporter Date:	02/02/93
Reporter Addr:	3000 JUSTIN DR,STE K
Rprtr City,St,Zip:	URBANDALE, IA 503220000
Reporter Phone:	5152520234
Responsible Party:	Not reported
RP Company:	Not reported
RP Address:	Not reported
RP City,St,Zip:	0
RP Phone:	0
RP Ext:	Not reported
RP Fax:	Not reported
ER Date:	Not reported
Delete:	No
Ground Water Professional ID:	1071
Ground Water Professional Due Date:	/ /
Ground Water Professional Received Date:	12/02/04
Corrective Action Design Report Id:	0
Corrective Action Design Due Date:	Not reported
Corrective Action Design Record Date:	/ /

IA Hist Lust Status:

ID:	149
Site Leak Number:	8LTV65
Discovered During:	Other
Tanks Removed:	00
Leak Cause:	UNK

COPPOLA ENTERPRISES, INC (Continued) **S106058801**

Gas:	Yes
Diesel:	Not reported
Oil:	Not reported
Kerosene:	Not reported
Released Fuel Oil:	Not reported
Released Hydraulic Oil:	Not reported
Released Other Petroleum:	Not reported
Released Unknown:	Not reported
Released Non_Petroleum Chemical:	Not reported
Gallons Released:	UNK000000000
Leak Status:	Stopped
Loc Soil:	Not reported
Loc Ground Water:	Yes
Loc Surface Water:	Not reported
Loc Water Supply:	Not reported
Res Public Water Supply:	Not reported
Resources Water Well:	Not reported
Res Actual Drinking WW:	Not reported
Res Non-Drink WW:	Not reported
respotprtg:	Not reported
ressoil:	Not reported
Res Ground Water:	Not reported
Res Surface Water:	Not reported
Res Toxic Vapor:	Not reported
Res Explosive Vapor:	Not reported
Res Other:	Not reported
Res Impacted Soil:	Not reported
Res Impacted Ground Water:	Not reported
Res Impacted Water Well:	Not reported
Res Impacted Pub Water Supply:	Not reported
Res Impacted Surface Water:	Not reported
Res Impacted Toxic Vapor:	Not reported
Res Impacted Explosive Vapor:	Not reported
Res Impacted Other:	Not reported
Res Impacted Drinking WW:	Not reported
Res Impacted Non-Drink WW:	Not reported
Res Impacted Potential Non Drink WW:	Not reported
Officials Onsite Health:	Not reported
Officials Onsite Fire:	Not reported
Officials Onsite Law:	Not reported
Officials Onsite Civil:	Not reported
Officials Onsite None:	Yes
Officials Onsite Unknown:	Not reported
Officials Onsite Other:	Not reported
AST:	Not reported
UST/LUST Other:	Not reported
Delete:	No

IA Hist Lust Cause:
Release Cause: Unknown

IA Hist Lust Groundwater:

Groundwater Prof. Applicant Id Num.	1071
Groundwater Pro. App. Last Name:	MAREK
Groundwater Pro. App. First Name:	JAMES C.
Groundwater Pro. Firm:	MAREK INDUSTRIES

COPPOLA ENTERPRISES, INC (Continued) **S106058801**

Groundwater Pro. Address: 9588 NW 74TH PLACE
Groundwater Pro. Address 2: Not reported
Groundwater Pro. City: GRIMES
Groundwater Pro. State: IA
Groundwater Pro. Zip Code: 50111
Groundwater Pro. Tele: 5159863466
Groundwater Pro. Fax: Not reported
Groundwater Pro. Email: Jsmmjsmm@aol.com
Groundwater Pro. Exp. Of Gwp Cert.: 12/31/2007 0:00
Is The Gwp Certified?: Yes
Is Gwp Cert. For Cadr?: Yes

IA Hist Lust Misc:

Misc Due Date:	11/30/03 0:00:00	Misc Rec Date:	Not reported
Misc Other:	Not reported	Misc Title:	Response to ILO letter
Misc Due Date:	Not reported	Misc Rec Date:	12/7/04 0:00:00
Misc Other:	Not reported	Misc Title:	REC'D MTBE PER E-MAIL

IA Hist Lust Site Monitoring Report:

Site Monitoring Report Due Date:	Not reported
Site Monitoring Report Rec Date:	Not reported
Site Monitoring Report Reg Date:	Not reported
Site Monitoring Report Rejected Date:	Not reported
Site Monitoring Report Type:	Not reported
Reclassification Request Type:	Not reported
Site Monitoring Report Revd By:	Not reported
GW professional ID:	Not reported

IA Hist Lust Remediation:

Heat Treatment:	No
Land Application:	No
On Site:	No
Achieved Over-Excavation:	No
Soil Venting Passive:	No
Soil Venting Active:	No
Bioremediation Passive:	No
Bioremediation Active:	No
In Situ GW Treatment - Air Sparging:	No
Ground Water:	No
Fresh Water:	No
IGT - pH Adjustment:	No
Nutrient:	No
Oxygen:	No
Biological:	No
Permit Date:	Not reported
Other:	No
Surface Treatment - Carbon Absorption:	No
Biological:	No
ST Other:	No
TDT Sanitary Sewer:	No
TDT Storm Sewer:	No
Stream:	No
TDT Other:	No
Reduced Risk Plugged Well:	No
RR Replace:	No

COPPOLA ENTERPRISES, INC (Continued) **S106058801**

RR Relocate:	No
RR Other:	No
Delete:	No

IA Hist Lust Free Product Recovery:

FPR Report Assesment Due:	Not reported
FPR Report Received:	Not reported
FPR Report Accepted:	Not reported
FPR Report Rejected:	Not reported
FPR Report Revised:	Not reported

IA Hist Lust Corrective Action Design Report:

Corrective Action Design Record Date:	Not reported
Corrective Action Design Received:	Not reported
Corrective Action Design Accepted:	Not reported
Corrective Action Design Rejected:	Not reported
Revised Report Received:	Not reported

IA Hist Lust Tier 1 Report:

T1 Assesment Due:	Not reported
T1 Received:	12/2/04 0:00:00
Tier 1 Consultant Recommends:	Not reported
T1 Accepted:	Not reported
T1 Rejected:	3/16/05 0:00:00
T1 Revised:	Not reported
T1 Reviewed:	ERD

T1 Assesment Due:	6/16/05 0:00:00
T1 Received:	5/17/05 0:00:00
Tier 1 Consultant Recommends:	Not reported
T1 Accepted:	7/18/05 0:00:00
T1 Rejected:	Not reported
T1 Revised:	Not reported
T1 Reviewed:	KKL

IA Hist Lust Tier 2 Report:

T2 Assesment Due:	Not reported
T2 Received:	Not reported
T2 Accepted:	Not reported
T2 Rejected:	Not reported
T2 Reviewed:	Not reported

IA Hist Lust Tier 3 Report:

T3 Assesment Due:	Not reported
T3 Received:	Not reported
T3 Accepted:	Not reported
T3 Rejected:	Not reported

IA Hist Lust Administration:

ID:	149
Owner Identified:	Yes
Responsible Party Found:	No
RP Date:	Not reported
Owner Broke:	No

COPPOLA ENTERPRISES, INC (Continued) **S106058801**

ER Date:	Not reported
Cost Recovery Start Dt:	Not reported
CR Notice of Intent Dt:	Not reported
CR Appeal of NOI Dt:	Not reported
CR Final Decision Dt:	Not reported
CR EP Comm Lien Approval Dt:	Not reported
CR Lien:	Not reported
CR Ten Yr Renewal Dt:	Not reported
CR Lien Named:	No
crtyrdate:	Not reported
CR Remediation:	Not reported
Delete:	No
CR Amnt Received:	Not reported
CR End Date:	Not reported

IA Hist Lust 28E:

Counter:	Not reported
Staff Initials:	Not reported
Type:	Not reported
County:	Not reported
Part Of State:	Not reported
Priority Number:	Not reported
Reason:	Not reported
Responsible Party:	Not reported
rfpno:	Not reported
Removed:	Not reported
Date Removed:	Not reported
Field Office:	Not reported
Newlist:	Not reported
State Lead:	Not reported
Access Letter Mailed:	Not reported
Owner Signed Access:	Not reported
Signed Access to Contractor:	Not reported
Contractor Signed Access:	Not reported
Final Access Mailed:	Not reported
nfr:	Not reported
Start Date:	Not reported

IA Hist Lust AO:

Seq Number:	Not reported
Distribution:	Not reported
UST/LUST Other:	Not reported
Order Type:	Not reported
Legal Ref Start:	Not reported
Division ADM Date:	Not reported
CE Bureau Date:	Not reported
AO Issue Date:	Not reported
AO Number:	Not reported
Name Of Parties:	Not reported
Penalty Due Date:	Not reported
Penalty Amount:	Not reported
Penalty Paid Date:	Not reported
Penalty Amount Paid:	Not reported
AO Appeal Date:	Not reported
ALJ Decision Date:	Not reported
EPC Decision Date:	Not reported

COPPOLA ENTERPRISES, INC (Continued) **S106058801**

Attorney Gen Ref Date:	Not reported
Final Court Decision:	Not reported
Case Number:	Not reported
County:	Not reported
Action Required:	Not reported
Compliance Due:	Not reported
In Compliance Date:	Not reported
Removed:	Not reported
Staff Initials:	Not reported

IA Hist Lust ATP:

Seq Number:	Not reported
Last Name:	Not reported
Priority Rank:	Not reported
Type:	Not reported
Reason:	Not reported
ATP Due:	Not reported
ATP Letter:	Not reported
Financial Documents Recvd:	Not reported
Able/Unable To Pay:	Not reported
Final Letter:	Not reported
Project Complete:	Not reported
RP Able to Pay:	Not reported
Project Removed:	Not reported
Staff Initials:	Not reported
Comment:	Not reported

IA Hist Lust Contract:

Seq Number:	Not reported
Tank City:	Not reported
Staff Initials:	Not reported
Score:	Not reported
Scope Completed:	Not reported
Advertise:	Not reported
Receive Bids:	Not reported
Commission Approval:	Not reported
Contract Approved:	Not reported
Original Contract Amt:	Not reported
Change Orders:	Not reported
Paid to Date:	Not reported
SCR/CADR Received:	Not reported
SCR/CADR Approved:	Not reported
Contract:	Not reported

IA Hist Lust Bedrock Well:

ID:	Not reported
Category:	Not reported
Sample Water Supply:	Not reported
GIS Survey:	Not reported

IA Hist Lust Inst Control:

Inst Control Begin:	6/7/05 0:00:00
Inst Control Type:	LO

COPPOLA ENTERPRISES, INC (Continued) **S106058801**

IA Hist Lust Track:

ID:	149
Site Assesment Start Date:	Not reported
Free Product Recvry End Date:	Not reported
FP Letter Sent Date:	Not reported
FP Report Frequency:	Not reported
Assesment Report Due:	Not reported
Assesment Report Received:	Not reported
Assesment Report Approved:	Not reported
Achieved Over-Excavation:	Not reported
Release Not Verified Date:	Not reported
Ref to Contaminated Site Section:	Not reported
Cleanup Start Date:	Not reported
Cleanup Complete Date:	7/18/05 0:00:00
Cleanup Report Due Date:	Not reported
Cleanup Report Received Date:	Not reported
Cleanup Report Approved Date:	Not reported
Check Report Due Date:	Not reported
Check Report Received Date:	Not reported
Check Report Rejected Date:	Not reported
Check Report Approved Date:	Not reported
Date Classified:	7/18/05 0:00:00
Risk Classification -NFA:	Yes
Class - Low Risk:	No
Class - High Risk:	No
Lust Current:	No Action Required
Tier 1 Consultant Recommends:	NFA
T1 Actual GW Ingestion:	No
T1 Poten GW Ingestion from Protected GW:	No
T1 Poten GW Ingestion from Protected GW:	No
T1 GW Vapor to Enclosed Space:	No
T1 GW to Plastic Water Line:	No
T1 Surface Water:	No
T1 Soil Leaching to GW:	No
T1 Soil Vapor to Enclosed Space:	No
T1 Soil to Plastic Line:	No
Tier 2 Consultant Recommends:	Not reported
T2 Actual GW Ingestion:	Not reported
T2 Poten GW Ingestion from Protected GW:	Not reported
T2 Poten GW Ingestion from Protected GW:	Not reported
T2 GW Vapor to Enclosed Space:	Not reported
T2 GW to Plastic Water Line:	Not reported
T2 SW General Use:	Not reported
T2 SW Designated Use:	Not reported
T2 Soil Leaching to GW:	Not reported
T2 Soil Vapor to Enclosed Space:	Not reported
T2 Soil to Plastic Line:	Not reported
Institutional Control Obtained:	No
NFA Certificate Sent:	1/30/06 0:00:00
No Action Required:	**No**
Priority Ranking:	5
Delete:	No

290
ESE
> 1
2.431 mi.
12834 ft.

AREA B LAGOON
1122 COUNTYLINE RD
DES MOINES, IA 50313

LUST
HIST LUST
UST
HIST UST

U003640535
N/A

Relative:
Lower

Actual:
0 ft.

LUST:

Registration:	199017129
Leak Number:	8LTL92
Date Reported:	2/19/1991
Date Cleanup Started:	4/1/1991
Date Cleanup Completed:	2/12/1992
Record Description:	No Action Required
Product Description:	Gasoline

HIST LUST:

Facility ID:	199017129
Leak Number:	8LTL92
Leak Entry Date:	03/11/91
Spill Number:	Not reported
Occur Date:	Not reported
Occur Time:	Not reported
Discover Date:	Not reported
Discover Time:	Not reported
Facility Addr 2:	Not reported
Facility Phone:	Not reported
Facility Fax1:	Not reported
Facility Fax2:	Not reported
Owner Name:	CITY OF DES MOINES
Owner Type:	Municipal
Owner Addr:	400 E 1ST ST
Owner City,St,Zip:	DES MOINES, IA 503090000
Owner Phone:	5152834920
Owner Fax:	Not reported
Lead:	Responsible Party
Coordinator:	ERD
Staff Initials:	ERD
Leak Contact:	HAROLD SMITH/M KLAPP
Leak Address:	Not reported
Leak City,St,Zip:	0
Leak Phone:	5152834920
Record Name:	ROGGE
Record Date:	3/8/1991 0:00
Record Location:	Lust
Reporter Name:	MIKE KLAPP
Reporter Business:	CITY OF DES MOINES/CITY HALL
Reporter Date:	02/19/91
Reporter Addr:	E 1ST & LOCUST
Rprtr City,St,Zip:	DES MOINES, IA 503070000
Reporter Phone:	5152834920
Responsible Party:	Not reported
RP Company:	Not reported
RP Address:	Not reported
RP City,St,Zip:	0
RP Phone:	0
RP Ext:	Not reported
RP Fax:	Not reported
ER Date:	Not reported
Delete:	No

AREA B LAGOON (Continued) **U003640535**

Ground Water Professional ID:	0
Ground Water Professional Due Date:	/ /
Ground Water Professional Received Date:	/ /
Corrective Action Design Report Id:	0
Corrective Action Design Due Date:	Not reported
Corrective Action Design Record Date:	/ /

IA Hist Lust Status:

ID:	5446
Site Leak Number:	8LTL92
Discovered During:	Removal
Tanks Removed:	01
Leak Cause:	Not reported
Gas:	Yes
Diesel:	Not reported
Oil:	Not reported
Kerosene:	Not reported
Released Fuel Oil:	Not reported
Released Hydraulic Oil:	Not reported
Released Other Petroleum:	Not reported
Released Unknown:	Not reported
Released Non_Petroleum Chemical:	Not reported
Gallons Released:	000000000UNK
Leak Status:	Stopped
Loc Soil:	Yes
Loc Ground Water:	Not reported
Loc Surface Water:	Not reported
Loc Water Supply:	Not reported
Res Public Water Supply:	Not reported
Resources Water Well:	Not reported
Res Actual Drinking WW:	Not reported
Res Non-Drink WW:	Not reported
respotprtg:	Not reported
ressoil:	Not reported
Res Ground Water:	Not reported
Res Surface Water:	Not reported
Res Toxic Vapor:	Not reported
Res Explosive Vapor:	Not reported
Res Other:	Not reported
Res Impacted Soil:	Not reported
Res Impacted Ground Water:	Not reported
Res Impacted Water Well:	Not reported
Res Impacted Pub Water Supply:	Not reported
Res Impacted Surface Water:	Not reported
Res Impacted Toxic Vapor:	Not reported
Res Impacted Explosive Vapor:	Not reported
Res Impacted Other:	Not reported
Res Impacted Drinking WW:	Not reported
Res Impacted Non-Drink WW:	Not reported
Res Impacted Potential Non Drink WW:	Not reported
Officials Onsite Health:	Not reported
Officials Onsite Fire:	Not reported
Officials Onsite Law:	Not reported
Officials Onsite Civil:	Not reported
Officials Onsite None:	Not reported
Officials Onsite Unknown:	Yes
Officials Onsite Other:	Not reported
AST:	Not reported

AREA B LAGOON (Continued) **U003640535**

UST/LUST Other: Not reported
Delete: No

IA Hist Lust Cause:
Release Cause: Not reported

IA Hist Lust Misc:
Misc Due Date: 8/19/91 0:00:00 Misc Rec Date: 8/15/91 0:00:00
Misc Other: Not reported Misc Title: Not reported

IA Hist Lust Site Monitoring Report:
Site Monitoring Report Due Date: Not reported
Site Monitoring Report Rec Date: Not reported
Site Monitoring Report Reg Date: Not reported
Site Monitoring Report Rejected Date: Not reported
Site Monitoring Report Type: Not reported
Reclassification Request Type: Not reported
Site Monitoring Report Revd By: Not reported
GW professional ID: Not reported

IA Hist Lust Remediation:
Heat Treatment: No
Land Application: No
On Site: No
Achieved Over-Excavation: Yes
Soil Venting Passive: No
Soil Venting Active: No
Bioremediation Passive: No
Bioremediation Active: No
In Situ GW Treatment - Air Sparging: No
Ground Water: No
Fresh Water: No
IGT - pH Adjustment: No
Nutrient: No
Oxygen: No
Biological: No
Permit Date: Not reported
Other: No
Surface Treatment - Carbon Absorption: No
Biological: No
ST Other: No
TDT Sanitary Sewer: No
TDT Storm Sewer: No
Stream: No
TDT Other: No
Reduced Risk Plugged Well: No
RR Replace: No
RR Relocate: No
RR Other: No
Delete: No

IA Hist Lust Free Product Recovery:
FPR Report Assesment Due: Not reported
FPR Report Received: Not reported
FPR Report Accepted: Not reported

AREA B LAGOON (Continued) **U003640535**

FPR Report Rejected:	Not reported
FPR Report Revised:	Not reported

IA Hist Lust Corrective Action Design Report:

Corrective Action Design Record Date:	Not reported
Corrective Action Design Received:	Not reported
Corrective Action Design Accepted:	Not reported
Corrective Action Design Rejected:	Not reported
Revised Report Received:	Not reported

IA Hist Lust Tier 1 Report:

T1 Assesment Due:	Not reported
T1 Received:	Not reported
Tier 1 Consultant Recommends:	Not reported
T1 Accepted:	Not reported
T1 Rejected:	Not reported
T1 Revised:	Not reported
T1 Reviewed:	Not reported

IA Hist Lust Tier 2 Report:

T2 Assesment Due:	Not reported
T2 Received:	Not reported
T2 Accepted:	Not reported
T2 Rejected:	Not reported
T2 Reviewed:	Not reported

IA Hist Lust Tier 3 Report:

T3 Assesment Due:	Not reported
T3 Received:	Not reported
T3 Accepted:	Not reported
T3 Rejected:	Not reported

IA Hist Lust Administration:

ID:	5446
Owner Identified:	Yes
Responsible Party Found:	Yes
RP Date:	3/11/91 0:00:00
Owner Broke:	No
ER Date:	Not reported
Cost Recovery Start Dt:	Not reported
CR Notice of Intent Dt:	Not reported
CR Appeal of NOI Dt:	Not reported
CR Final Decision Dt:	Not reported
CR EP Comm Lien Approval Dt:	Not reported
CR Lien:	Not reported
CR Ten Yr Renewal Dt:	Not reported
CR Lien Named:	No
crtyrdate:	Not reported
CR Remediation:	Not reported
Delete:	No
CR Amnt Received:	Not reported
CR End Date:	Not reported

IA Hist Lust 28E:

AREA B LAGOON (Continued) **U003640535**

Counter:	Not reported
Staff Initials:	Not reported
Type:	Not reported
County:	Not reported
Part Of State:	Not reported
Priority Number:	Not reported
Reason:	Not reported
Responsible Party:	Not reported
rfpno:	Not reported
Removed:	Not reported
Date Removed:	Not reported
Field Office:	Not reported
Newlist:	Not reported
State Lead:	Not reported
Access Letter Mailed:	Not reported
Owner Signed Access:	Not reported
Signed Access to Contractor:	Not reported
Contractor Signed Access:	Not reported
Final Access Mailed:	Not reported
nfr:	Not reported
Start Date:	Not reported

IA Hist Lust AO:

Seq Number:	Not reported
Distribution:	Not reported
UST/LUST Other:	Not reported
Order Type:	Not reported
Legal Ref Start:	Not reported
Division ADM Date:	Not reported
CE Bureau Date:	Not reported
AO Issue Date:	Not reported
AO Number:	Not reported
Name Of Parties:	Not reported
Penalty Due Date:	Not reported
Penalty Amount:	Not reported
Penalty Paid Date:	Not reported
Penalty Amount Paid:	Not reported
AO Appeal Date:	Not reported
ALJ Decision Date:	Not reported
EPC Decision Date:	Not reported
Attorney Gen Ref Date:	Not reported
Final Court Decision:	Not reported
Case Number:	Not reported
County:	Not reported
Action Required:	Not reported
Compliance Due:	Not reported
In Compliance Date:	Not reported
Removed:	Not reported
Staff Initials:	Not reported

IA Hist Lust ATP:

Seq Number:	Not reported
Last Name:	Not reported
Priority Rank:	Not reported
Type:	Not reported
Reason:	Not reported

AREA B LAGOON (Continued) **U003640535**

ATP Due:	Not reported
ATP Letter:	Not reported
Financial Documents Recvd:	Not reported
Able/Unable To Pay:	Not reported
Final Letter:	Not reported
Project Complete:	Not reported
RP Able to Pay:	Not reported
Project Removed:	Not reported
Staff Initials:	Not reported
Comment:	Not reported

IA Hist Lust Contract:

Seq Number:	Not reported
Tank City:	Not reported
Staff Initials:	Not reported
Score:	Not reported
Scope Completed:	Not reported
Advertise:	Not reported
Receive Bids:	Not reported
Commission Approval:	Not reported
Contract Approved:	Not reported
Original Contract Amt:	Not reported
Change Orders:	Not reported
Paid to Date:	Not reported
SCR/CADR Received:	Not reported
SCR/CADR Approved:	Not reported
Contract:	Not reported

IA Hist Lust Bedrock Well:

ID:	Not reported
Category:	Not reported
Sample Water Supply:	Not reported
GIS Survey:	Not reported

IA Hist Lust Inst Control:

Inst Control Begin:	Not reported
Inst Control Type:	Not reported

IA Hist Lust Track:

ID:	5446
Site Assesment Start Date:	4/1/91 0:00:00
Free Product Recvry End Date:	Not reported
FP Letter Sent Date:	Not reported
FP Report Frequency:	Not reported
Assesment Report Due:	Not reported
Assesment Report Received:	Not reported
Assesment Report Approved:	Not reported
Achieved Over-Excavation:	Yes
Release Not Verified Date:	Not reported
Ref to Contaminated Site Section:	Not reported
Cleanup Start Date:	4/1/91 0:00:00
Cleanup Complete Date:	2/12/92 0:00:00
Cleanup Report Due Date:	Not reported
Cleanup Report Received Date:	Not reported
Cleanup Report Approved Date:	Not reported

AREA B LAGOON (Continued) **U003640535**

Check Report Due Date:	Not reported
Check Report Received Date:	Not reported
Check Report Rejected Date:	Not reported
Check Report Approved Date:	Not reported
Date Classified:	2/12/92 0:00:00
Risk Classification -NFA:	Yes
Class - Low Risk:	No
Class - High Risk:	No
Lust Current:	No Action Required
Tier 1 Consultant Recommends:	Not reported
T1 Actual GW Ingestion:	No
T1 Poten GW Ingestion from Protected GW:	No
T1 Poten GW Ingestion from Protected GW:	No
T1 GW Vapor to Enclosed Space:	No
T1 GW to Plastic Water Line:	No
T1 Surface Water:	No
T1 Soil Leaching to GW:	No
T1 Soil Vapor to Enclosed Space:	No
T1 Soil to Plastic Line:	No
Tier 2 Consultant Recommends:	Not reported
T2 Actual GW Ingestion:	Not reported
T2 Poten GW Ingestion from Protected GW:	Not reported
T2 Poten GW Ingestion from Protected GW:	Not reported
T2 GW Vapor to Enclosed Space:	Not reported
T2 GW to Plastic Water Line:	Not reported
T2 SW General Use:	Not reported
T2 SW Designated Use:	Not reported
T2 Soil Leaching to GW:	Not reported
T2 Soil Vapor to Enclosed Space:	Not reported
T2 Soil to Plastic Line:	Not reported
Institutional Control Obtained:	No
NFA Certificate Sent:	Not reported
No Action Required:	**No**
Priority Ranking:	Not reported
Delete:	No

UST:

Registration:	199017129

UST:

Registration:	199017129
Status Description:	Regulated tanks - r/f
Type Description:	Municipal
Tank Id:	41313
Install Date:	6/1/1974
Status Description:	Regulated tanks - r/f
Capacity:	560
Content Description:	Gasoline

HIST UST:

Tank Number:	001
Tank Status:	**Regulated tanks - r/f**
Tank Type:	Other
Tank Capacity:	560
Currently In Use:	No

AREA B LAGOON (Continued) **U003640535**

Tank Material and Construction:	Steel
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported
Site Install Date:	6/1/74 0:00:00
Date Removed:	2/6/91 0:00:00
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	1/1/00 0:00:00
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Yes
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Yes
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Yes
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Yes
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported

AREA B LAGOON (Continued) **U003640535**

PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

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BP291 **FORMER TEXACO SITE** **LUST S106058972**
NNW **3719 SW 9TH STREET** **HIST LUST N/A**
> 1 **DES MOINES, IA 50315**
2.448 mi.
12925 ft. **Site 1 of 2 in cluster BP**

Relative:
Higher

Actual:
943 ft.

LUST:

Registration:	197910293
Leak Number:	9LTE09
Date Reported:	4/4/1995
Date Cleanup Started:	1/9/2001
Date Cleanup Completed:	8/15/2007
Record Description:	No Action Required
Product Description:	Gasoline

HIST LUST:

Facility ID:	197910293
Leak Number:	9LTE09
Leak Entry Date:	10/22/96
Spill Number:	Not reported
Occur Date:	Not reported
Occur Time:	Not reported
Discover Date:	7/2/1994 0:00
Discover Time:	Not reported
Facility Addr 2:	Not reported
Facility Phone:	Not reported
Facility Fax1:	Not reported
Facility Fax2:	Not reported
Owner Name:	BILL ALBRIGHT

FORMER TEXACO SITE (Continued) **S106058972**

Owner Type:	Private/Corporate
Owner Addr:	3719 SW 9TH ST
Owner City,St,Zip:	DES MOINES, IA 503150000
Owner Phone:	5152827161
Owner Fax:	Not reported
Lead:	State Fund
Coordinator:	ERD
Staff Initials:	KDW
Leak Contact:	GESELE HARRIS
Leak Address:	CHEVRON PRODUCTS COMPANY
Leak Address 2:	2300 WINDY RIDGE PKWY STE 800S
Leak City,St,Zip:	ATLANTA, GA 303395673
Leak Phone:	7709844190
Record Name:	COLLINS
Record Date:	10/18/1996 0:00
Record Location:	Lust
Reporter Name:	DEAN LEWIS
Reporter Business:	ATC
Reporter Date:	04/04/95
Reporter Addr:	306 S 16TH ST
Rprtr City,St,Zip:	AMES, IA 500100000
Reporter Phone:	5152332902
Responsible Party:	GESELE HARRIS
RP Company:	CHEVRON PRODUCTS COMPANY
RP Address:	2300 WINDY RIDGE PARKWAY
RP Address 2:	SUITE 800 SOUTH
RP City,St,Zip:	ATLANTA, GA 303395673
RP Phone:	7709844190
RP Ext:	Not reported
RP Fax:	Not reported
ER Date:	Not reported
Delete:	No
Ground Water Professional ID:	1669
Ground Water Professional Due Date:	10/30/99
Ground Water Professional Received Date:	07/11/00
Corrective Action Design Report Id:	1703
Corrective Action Design Due Date:	3/9/2001 0:00
Corrective Action Design Record Date:	12/10/03

IA Hist Lust Status:

ID:	342
Site Leak Number:	9LTE09
Discovered During:	Other
Tanks Removed:	00
Leak Cause:	UNK
Gas:	Yes
Diesel:	Not reported
Oil:	Not reported
Kerosene:	Not reported
Released Fuel Oil:	Not reported
Released Hydraulic Oil:	Not reported
Released Other Petroleum:	Not reported
Released Unknown:	Not reported
Released Non_Petroleum Chemical:	Not reported
Gallons Released:	UNK000000000
Leak Status:	Unknown
Loc Soil:	Yes
Loc Ground Water:	Yes

FORMER TEXACO SITE (Continued) **S106058972**

Loc Surface Water:	Not reported
Loc Water Supply:	Not reported
Res Public Water Supply:	Not reported
Resources Water Well:	Not reported
Res Actual Drinking WW:	Not reported
Res Non-Drink WW:	Not reported
respotprtg:	Not reported
ressoil:	Not reported
Res Ground Water:	Not reported
Res Surface Water:	Not reported
Res Toxic Vapor:	Not reported
Res Explosive Vapor:	Not reported
Res Other:	Not reported
Res Impacted Soil:	Not reported
Res Impacted Ground Water:	Not reported
Res Impacted Water Well:	Not reported
Res Impacted Pub Water Supply:	Not reported
Res Impacted Surface Water:	Not reported
Res Impacted Toxic Vapor:	Not reported
Res Impacted Explosive Vapor:	Not reported
Res Impacted Other:	Not reported
Res Impacted Drinking WW:	Not reported
Res Impacted Non-Drink WW:	Not reported
Res Impacted Potential Non Drink WW:	Not reported
Officials Onsite Health:	Not reported
Officials Onsite Fire:	Not reported
Officials Onsite Law:	Not reported
Officials Onsite Civil:	Not reported
Officials Onsite None:	Not reported
Officials Onsite Unknown:	Yes
Officials Onsite Other:	Not reported
AST:	Not reported
UST/LUST Other:	Not reported
Delete:	No

IA Hist Lust Cause:

Release Cause:	Unknown

IA Hist Lust HICA:

Leak Number:	9LTE09
Registration Number:	197910293
Date CorrectiveActionDesign Report(CADR) Rec:	Not reported
Date CADR Due:	Not reported
Date CADR Approved:	Not reported
Date CADR Rejected:	Not reported
Date CADR Remediation Started:	Not reported
Date CADR Remediation Completed:	Not reported
Staff CADR Reviewed By:	Not reported

IA Hist Lust Groundwater:

Groundwater Prof. Applicant Id Num.	1669
Groundwater Pro. App. Last Name:	ECKHOFF
Groundwater Pro. App. First Name:	MARCIA
Groundwater Pro. Firm:	MAGELLAN MIDSTREAM PARTNERS
Groundwater Pro. Address:	5042 MAPLE DRIVE
Groundwater Pro. Address 2:	Not reported

FORMER TEXACO SITE (Continued) **S106058972**

Groundwater Pro. City: PLEASANT HILL
Groundwater Pro. State: IA
Groundwater Pro. Zip Code: -50327
Groundwater Pro. Tele: 5152652111
Groundwater Pro. Fax: Not reported
Groundwater Pro. Email: marcia.eckhoff@magellanlp.com
Groundwater Pro. Exp. Of Gwp Cert.: 12/31/2003 0:00
Is The Gwp Certified?: No
Is Gwp Cert. For Cadr?: No

IA Hist Lust Misc:

Misc Due Date:	10/8/99 0:00:00	Misc Rec Date:	10/15/99 0:00:00
Misc Other:	Not reported	Misc Title:	RP acceptance
Misc Due Date:	Not reported	Misc Rec Date:	12/10/03 0:00:00
Misc Other:	Not reported	Misc Title:	MTBE WORKSHEET & DISK
Misc Due Date:	12/31/04 0:00:00	Misc Rec Date:	Not reported
Misc Other:	Not reported	Misc Title:	Soil gas info
Misc Due Date:	5/2/05 0:00:00	Misc Rec Date:	Not reported
Misc Other:	Not reported	Misc Title:	PWL work start date
Misc Due Date:	Not reported	Misc Rec Date:	12/6/00 0:00:00
Misc Other:	Not reported	Misc Title:	MTBE WORKSHEET & DISK

IA Hist Lust Site Monitoring Report:

Site Monitoring Report Due Date:	10/30/04 0:00:00
Site Monitoring Report Rec Date:	6/4/04 0:00:00
Site Monitoring Report Reg Date:	Not reported
Site Monitoring Report Rejected Date:	6/9/04 0:00:00
Site Monitoring Report Type:	H
Reclassification Request Type:	Not reported
Site Monitoring Report Revd By:	ERD
GW professional ID:	Not reported
Site Monitoring Report Due Date:	7/31/05 0:00:00
Site Monitoring Report Rec Date:	8/30/05 0:00:00
Site Monitoring Report Reg Date:	Not reported
Site Monitoring Report Rejected Date:	Not reported
Site Monitoring Report Type:	C
Reclassification Request Type:	NFA
Site Monitoring Report Revd By:	Not reported
GW professional ID:	1703
Site Monitoring Report Due Date:	Not reported
Site Monitoring Report Rec Date:	Not reported
Site Monitoring Report Reg Date:	Not reported
Site Monitoring Report Rejected Date:	Not reported
Site Monitoring Report Type:	;
Reclassification Request Type:	Not reported
Site Monitoring Report Revd By:	Not reported
GW professional ID:	Not reported

IA Hist Lust Remediation:
Heat Treatment: No

FORMER TEXACO SITE (Continued) **S106058972**

Land Application:	No
On Site:	No
Achieved Over-Excavation:	No
Soil Venting Passive:	No
Soil Venting Active:	No
Bioremediation Passive:	No
Bioremediation Active:	No
In Situ GW Treatment - Air Sparging:	No
Ground Water:	No
Fresh Water:	No
IGT - pH Adjustment:	No
Nutrient:	No
Oxygen:	No
Biological:	No
Permit Date:	Not reported
Other:	No
Surface Treatment - Carbon Absorption:	No
Biological:	No
ST Other:	No
TDT Sanitary Sewer:	No
TDT Storm Sewer:	No
Stream:	No
TDT Other:	No
Reduced Risk Plugged Well:	No
RR Replace:	No
RR Relocate:	No
RR Other:	No
Delete:	No

IA Hist Lust Free Product Recovery:

FPR Report Assesment Due:	Not reported
FPR Report Received:	Not reported
FPR Report Accepted:	Not reported
FPR Report Rejected:	Not reported
FPR Report Revised:	Not reported

IA Hist Lust Corrective Action Design Report:

Corrective Action Design Record Date:	Not reported
Corrective Action Design Received:	Not reported
Corrective Action Design Accepted:	Not reported
Corrective Action Design Rejected:	Not reported
Revised Report Received:	Not reported

IA Hist Lust Tier 1 Report:

T1 Assesment Due:	Not reported
T1 Received:	Not reported
Tier 1 Consultant Recommends:	Not reported
T1 Accepted:	Not reported
T1 Rejected:	Not reported
T1 Revised:	Not reported
T1 Reviewed:	Not reported

IA Hist Lust Tier 2 Report:

T2 Assesment Due:	12/8/00 0:00:00
T2 Received:	12/6/00 0:00:00

FORMER TEXACO SITE (Continued) **S106058972**

T2 Accepted:	1/9/01 0:00:00
T2 Rejected:	Not reported
T2 Reviewed:	ERD
T2 Assesment Due:	7/18/03 0:00:00
T2 Received:	12/10/03 0:00:00
T2 Accepted:	3/1/04 0:00:00
T2 Rejected:	Not reported
T2 Reviewed:	ERD

IA Hist Lust Tier 3 Report:

T3 Assesment Due:	Not reported
T3 Received:	Not reported
T3 Accepted:	Not reported
T3 Rejected:	Not reported

IA Hist Lust Administration:

ID:	342
Owner Identified:	Yes
Responsible Party Found:	Yes
RP Date:	10/22/96 0:00:00
Owner Broke:	No
ER Date:	Not reported
Cost Recovery Start Dt:	Not reported
CR Notice of Intent Dt:	Not reported
CR Appeal of NOI Dt:	Not reported
CR Final Decision Dt:	Not reported
CR EP Comm Lien Approval Dt:	Not reported
CR Lien:	Not reported
CR Ten Yr Renewal Dt:	Not reported
CR Lien Named:	No
crtyrdate:	Not reported
CR Remediation:	Not reported
Delete:	No
CR Amnt Received:	Not reported
CR End Date:	Not reported

IA Hist Lust 28E:

Counter:	Not reported
Staff Initials:	Not reported
Type:	Not reported
County:	Not reported
Part Of State:	Not reported
Priority Number:	Not reported
Reason:	Not reported
Responsible Party:	Not reported
rfpno:	Not reported
Removed:	Not reported
Date Removed:	Not reported
Field Office:	Not reported
Newlist:	Not reported
State Lead:	Not reported
Access Letter Mailed:	Not reported
Owner Signed Access:	Not reported
Signed Access to Contractor:	Not reported
Contractor Signed Access:	Not reported

FORMER TEXACO SITE (Continued) **S106058972**

Final Access Mailed:	Not reported
nfr:	Not reported
Start Date:	Not reported

IA Hist Lust AO:

Seq Number:	Not reported
Distribution:	Not reported
UST/LUST Other:	Not reported
Order Type:	Not reported
Legal Ref Start:	Not reported
Division ADM Date:	Not reported
CE Bureau Date:	Not reported
AO Issue Date:	Not reported
AO Number:	Not reported
Name Of Parties:	Not reported
Penalty Due Date:	Not reported
Penalty Amount:	Not reported
Penalty Paid Date:	Not reported
Penalty Amount Paid:	Not reported
AO Appeal Date:	Not reported
ALJ Decision Date:	Not reported
EPC Decision Date:	Not reported
Attorney Gen Ref Date:	Not reported
Final Court Decision:	Not reported
Case Number:	Not reported
County:	Not reported
Action Required:	Not reported
Compliance Due:	Not reported
In Compliance Date:	Not reported
Removed:	Not reported
Staff Initials:	Not reported

IA Hist Lust ATP:

Seq Number:	Not reported
Last Name:	Not reported
Priority Rank:	Not reported
Type:	Not reported
Reason:	Not reported
ATP Due:	Not reported
ATP Letter:	Not reported
Financial Documents Recvd:	Not reported
Able/Unable To Pay:	Not reported
Final Letter:	Not reported
Project Complete:	Not reported
RP Able to Pay:	Not reported
Project Removed:	Not reported
Staff Initials:	Not reported
Comment:	Not reported

IA Hist Lust Contract:

Seq Number:	Not reported
Tank City:	Not reported
Staff Initials:	Not reported
Score:	Not reported
Scope Completed:	Not reported
Advertise:	Not reported

FORMER TEXACO SITE (Continued) **S106058972**

Receive Bids:	Not reported
Commission Approval:	Not reported
Contract Approved:	Not reported
Original Contract Amt:	Not reported
Change Orders:	Not reported
Paid to Date:	Not reported
SCR/CADR Received:	Not reported
SCR/CADR Approved:	Not reported
Contract:	Not reported

IA Hist Lust Bedrock Well:

ID:	Not reported
Category:	Not reported
Sample Water Supply:	Not reported
GIS Survey:	Not reported

IA Hist Lust Inst Control:

Inst Control Begin:	Not reported
Inst Control Type:	Not reported

IA Hist Lust Track:

ID:	342
Site Assesment Start Date:	4/15/99 0:00:00
Free Product Recvry End Date:	Not reported
FP Letter Sent Date:	Not reported
FP Report Frequency:	Not reported
Assesment Report Due:	Not reported
Assesment Report Received:	Not reported
Assesment Report Approved:	Not reported
Achieved Over-Excavation:	Not reported
Release Not Verified Date:	Not reported
Ref to Contaminated Site Section:	Not reported
Cleanup Start Date:	1/9/01 0:00:00
Cleanup Complete Date:	Not reported
Cleanup Report Due Date:	Not reported
Cleanup Report Received Date:	Not reported
Cleanup Report Approved Date:	Not reported
Check Report Due Date:	Not reported
Check Report Received Date:	Not reported
Check Report Rejected Date:	Not reported
Check Report Approved Date:	Not reported
Date Classified:	1/9/01 0:00:00
Risk Classification -NFA:	No
Class - Low Risk:	No
Class - High Risk:	Yes
Lust Current:	High Risk
Tier 1 Consultant Recommends:	Not reported
T1 Actual GW Ingestion:	No
T1 Poten GW Ingestion from Protected GW:	No
T1 Poten GW Ingestion from Protected GW:	No
T1 GW Vapor to Enclosed Space:	No
T1 GW to Plastic Water Line:	No
T1 Surface Water:	No
T1 Soil Leaching to GW:	No
T1 Soil Vapor to Enclosed Space:	No
T1 Soil to Plastic Line:	No

FORMER TEXACO SITE (Continued) **S106058972**

Tier 2 Consultant Recommends:	High Risk
T2 Actual GW Ingestion:	NFA
T2 Poten GW Ingestion from Protected GW:	NFA
T2 Poten GW Ingestion from Protected GW:	NFA
T2 GW Vapor to Enclosed Space:	NFA
T2 GW to Plastic Water Line:	High Risk
T2 SW General Use:	NFA
T2 SW Designated Use:	NFA
T2 Soil Leaching to GW:	High Risk
T2 Soil Vapor to Enclosed Space:	NFA
T2 Soil to Plastic Line:	NFA
Institutional Control Obtained:	No
NFA Certificate Sent:	Not reported
No Action Required:	**No**
Priority Ranking:	1
Delete:	No

---

292 **PHILLIPS 66** **LUST** **U003169613**
NW **4801 FLEUR DRIVE** **HIST LUST** **N/A**
> 1 **DES MOINES, IA 50315** **UST**
2.456 mi. **HIST UST**
12967 ft.

Relative:
Higher

Actual:
910 ft.

LUST:

Registration:	198604031
Leak Number:	7LTB10
Date Reported:	6/8/1988
Date Cleanup Started:	10/17/1996
Date Cleanup Completed:	11/15/1999
Record Description:	No Action Required
Product Description:	Other Petroleum

HIST LUST:

Facility ID:	198604031
Leak Number:	7LTB10
Leak Entry Date:	10/03/88
Spill Number:	06088-DJA-1518
Occur Date:	Not reported
Occur Time:	Not reported
Discover Date:	Not reported
Discover Time:	Not reported
Facility Addr 2:	Not reported
Facility Phone:	Not reported
Facility Fax1:	Not reported
Facility Fax2:	Not reported
Owner Name:	KECK INC
Owner Type:	Private/Corporate
Owner Addr:	320 SW 9TH
Owner City,St,Zip:	DES MOINES, IA 503090000
Owner Phone:	0000000000
Owner Fax:	Not reported
Lead:	State Fund
Coordinator:	ERD
Staff Initials:	ERD
Leak Contact:	Not reported
Leak Address:	Not reported

PHILLIPS 66 (Continued) **U003169613**

Leak City,St,Zip:	0
Leak Phone:	0
Record Name:	Not reported
Record Date:	Not reported
Record Location:	Other
Reporter Name:	Not reported
Reporter Business:	Not reported
Reporter Date:	06/08/88
Reporter Addr:	Not reported
Rprtr City,St,Zip:	0
Reporter Phone:	0
Responsible Party:	JOHN KECK
RP Company:	KECK INC
RP Address:	320 SW 9TH
RP City,St,Zip:	DES MOINES, IA 50309
RP Phone:	0
RP Ext:	Not reported
RP Fax:	Not reported
ER Date:	Not reported
Delete:	No
Ground Water Professional ID:	1580
Ground Water Professional Due Date:	/ /
Ground Water Professional Received Date:	02/03/99
Corrective Action Design Report Id:	0
Corrective Action Design Due Date:	Not reported
Corrective Action Design Record Date:	/ /

IA Hist Lust Status:

ID:	1962
Site Leak Number:	7LTB10
Discovered During:	Other
Tanks Removed:	0
Leak Cause:	Not reported
Gas:	Not reported
Diesel:	Not reported
Oil:	Not reported
Kerosene:	Not reported
Released Fuel Oil:	Not reported
Released Hydraulic Oil:	Not reported
Released Other Petroleum:	Yes
Released Unknown:	Not reported
Released Non_Petroleum Chemical:	Not reported
Gallons Released:	000000000000
Leak Status:	Unknown
Loc Soil:	Not reported
Loc Ground Water:	Not reported
Loc Surface Water:	Not reported
Loc Water Supply:	Not reported
Res Public Water Supply:	Not reported
Resources Water Well:	Not reported
Res Actual Drinking WW:	Not reported
Res Non-Drink WW:	Not reported
respotprtg:	Not reported
ressoil:	Not reported
Res Ground Water:	Not reported
Res Surface Water:	Not reported
Res Toxic Vapor:	Not reported
Res Explosive Vapor:	Not reported

PHILLIPS 66 (Continued) **U003169613**

Res Other:	Not reported
Res Impacted Soil:	Not reported
Res Impacted Ground Water:	Not reported
Res Impacted Water Well:	Not reported
Res Impacted Pub Water Supply:	Not reported
Res Impacted Surface Water:	Not reported
Res Impacted Toxic Vapor:	Not reported
Res Impacted Explosive Vapor:	Not reported
Res Impacted Other:	Not reported
Res Impacted Drinking WW:	Not reported
Res Impacted Non-Drink WW:	Not reported
Res Impacted Potential Non Drink WW:	Not reported
Officials Onsite Health:	Not reported
Officials Onsite Fire:	Not reported
Officials Onsite Law:	Not reported
Officials Onsite Civil:	Not reported
Officials Onsite None:	Not reported
Officials Onsite Unknown:	Not reported
Officials Onsite Other:	Not reported
AST:	Not reported
UST/LUST Other:	Not reported
Delete:	No

IA Hist Lust Cause:

Release Cause:	Not reported

IA Hist Lust HICA:

Leak Number:	7LTB10
Registration Number:	198604031
Date CorrectiveActionDesign Report(CADR) Rec:	11/14/1995 0:00
Date CADR Due:	5/18/1995 0:00
Date CADR Approved:	1/19/1996 0:00
Date CADR Rejected:	Not reported
Date CADR Remediation Started:	Not reported
Date CADR Remediation Completed:	Not reported
Staff CADR Reviewed By:	Not reported

IA Hist Lust Groundwater:

Groundwater Prof. Applicant Id Num.:	1580
Groundwater Pro. App. Last Name:	SHEKAR
Groundwater Pro. App. First Name:	CHANDRA
Groundwater Pro. Firm:	SHEKAR ENGINEERING, PLC
Groundwater Pro. Address:	8938 HIGHLAND OAKS DR
Groundwater Pro. Address 2:	Not reported
Groundwater Pro. City:	JOHNSTON
Groundwater Pro. State:	IA
Groundwater Pro. Zip Code:	-50131
Groundwater Pro. Tele:	5153345062
Groundwater Pro. Fax:	Not reported
Groundwater Pro. Email:	ashekar@att.net
Groundwater Pro. Exp. Of Gwp Cert.:	12/31/2007 0:00
Is The Gwp Certified?:	Yes
Is Gwp Cert. For Cadr?:	Yes

IA Hist Lust Misc:

PHILLIPS 66 (Continued) **U003169613**

Misc Due Date: Not reported
Misc Other: Not reported
Misc Rec Date: Not reported
Misc Title: Not reported

IA Hist Lust Site Monitoring Report:

Site Monitoring Report Due Date:	10/30/99 0:00:00
Site Monitoring Report Rec Date:	8/11/99 0:00:00
Site Monitoring Report Reg Date:	Not reported
Site Monitoring Report Rejected Date:	Not reported
Site Monitoring Report Type:	P
Reclassification Request Type:	Not reported
Site Monitoring Report Revd By:	Not reported
GW professional ID:	Not reported

IA Hist Lust Remediation:

Heat Treatment:	No
Land Application:	No
On Site:	No
Achieved Over-Excavation:	No
Soil Venting Passive:	No
Soil Venting Active:	No
Bioremediation Passive:	No
Bioremediation Active:	No
In Situ GW Treatment - Air Sparging:	No
Ground Water:	No
Fresh Water:	No
IGT - pH Adjustment:	No
Nutrient:	No
Oxygen:	No
Biological:	No
Permit Date:	Not reported
Other:	No
Surface Treatment - Carbon Absorption:	No
Biological:	No
ST Other:	No
TDT Sanitary Sewer:	No
TDT Storm Sewer:	No
Stream:	No
TDT Other:	No
Reduced Risk Plugged Well:	No
RR Replace:	No
RR Relocate:	No
RR Other:	No
Delete:	No

IA Hist Lust Free Product Recovery:

FPR Report Assesment Due:	Not reported
FPR Report Received:	Not reported
FPR Report Accepted:	Not reported
FPR Report Rejected:	Not reported
FPR Report Revised:	Not reported

IA Hist Lust Corrective Action Design Report:

Corrective Action Design Record Date:	Not reported
Corrective Action Design Received:	Not reported
Corrective Action Design Accepted:	Not reported

PHILLIPS 66 (Continued) **U003169613**

Corrective Action Design Rejected:	Not reported
Revised Report Received:	Not reported

IA Hist Lust Tier 1 Report:

T1 Assesment Due:	Not reported
T1 Received:	Not reported
Tier 1 Consultant Recommends:	Not reported
T1 Accepted:	Not reported
T1 Rejected:	Not reported
T1 Revised:	Not reported
T1 Reviewed:	Not reported

IA Hist Lust Tier 2 Report:

T2 Assesment Due:	9/26/99 0:00:00
T2 Received:	9/20/99 0:00:00
T2 Accepted:	11/15/99 0:00:00
T2 Rejected:	Not reported
T2 Reviewed:	Not reported

IA Hist Lust Tier 3 Report:

T3 Assesment Due:	Not reported
T3 Received:	Not reported
T3 Accepted:	Not reported
T3 Rejected:	Not reported

IA Hist Lust Administration:

ID:	1962
Owner Identified:	Yes
Responsible Party Found:	No
RP Date:	10/3/88 0:00:00
Owner Broke:	No
ER Date:	7/1/88 0:00:00
Cost Recovery Start Dt:	Not reported
CR Notice of Intent Dt:	Not reported
CR Appeal of NOI Dt:	Not reported
CR Final Decision Dt:	Not reported
CR EP Comm Lien Approval Dt:	Not reported
CR Lien:	Not reported
CR Ten Yr Renewal Dt:	Not reported
CR Lien Named:	No
crtyrdate:	Not reported
CR Remediation:	Not reported
Delete:	Yes
CR Amnt Received:	Not reported
CR End Date:	Not reported

IA Hist Lust 28E:

Counter:	Not reported
Staff Initials:	Not reported
Type:	Not reported
County:	Not reported
Part Of State:	Not reported
Priority Number:	Not reported
Reason:	Not reported
Responsible Party:	Not reported

PHILLIPS 66 (Continued) **U003169613**

rfpno:	Not reported
Removed:	Not reported
Date Removed:	Not reported
Field Office:	Not reported
Newlist:	Not reported
State Lead:	Not reported
Access Letter Mailed:	Not reported
Owner Signed Access:	Not reported
Signed Access to Contractor:	Not reported
Contractor Signed Access:	Not reported
Final Access Mailed:	Not reported
nfr:	Not reported
Start Date:	Not reported

IA Hist Lust AO:

Seq Number:	Not reported
Distribution:	Not reported
UST/LUST Other:	Not reported
Order Type:	Not reported
Legal Ref Start:	Not reported
Division ADM Date:	Not reported
CE Bureau Date:	Not reported
AO Issue Date:	Not reported
AO Number:	Not reported
Name Of Parties:	Not reported
Penalty Due Date:	Not reported
Penalty Amount:	Not reported
Penalty Paid Date:	Not reported
Penalty Amount Paid:	Not reported
AO Appeal Date:	Not reported
ALJ Decision Date:	Not reported
EPC Decision Date:	Not reported
Attorney Gen Ref Date:	Not reported
Final Court Decision:	Not reported
Case Number:	Not reported
County:	Not reported
Action Required:	Not reported
Compliance Due:	Not reported
In Compliance Date:	Not reported
Removed:	Not reported
Staff Initials:	Not reported

IA Hist Lust ATP:

Seq Number:	Not reported
Last Name:	Not reported
Priority Rank:	Not reported
Type:	Not reported
Reason:	Not reported
ATP Due:	Not reported
ATP Letter:	Not reported
Financial Documents Recvd:	Not reported
Able/Unable To Pay:	Not reported
Final Letter:	Not reported
Project Complete:	Not reported
RP Able to Pay:	Not reported
Project Removed:	Not reported

PHILLIPS 66 (Continued) **U003169613**

Staff Initials:	Not reported
Comment:	Not reported

IA Hist Lust Contract:

Seq Number:	Not reported
Tank City:	Not reported
Staff Initials:	Not reported
Score:	Not reported
Scope Completed:	Not reported
Advertise:	Not reported
Receive Bids:	Not reported
Commission Approval:	Not reported
Contract Approved:	Not reported
Original Contract Amt:	Not reported
Change Orders:	Not reported
Paid to Date:	Not reported
SCR/CADR Received:	Not reported
SCR/CADR Approved:	Not reported
Contract:	Not reported

IA Hist Lust Bedrock Well:

ID:	Not reported
Category:	Not reported
Sample Water Supply:	Not reported
GIS Survey:	Not reported

IA Hist Lust Inst Control:

Inst Control Begin:	Not reported
Inst Control Type:	Not reported

IA Hist Lust Track:

ID:	1962
Site Assesment Start Date:	6/10/88 0:00:00
Free Product Recvry End Date:	Not reported
FP Letter Sent Date:	Not reported
FP Report Frequency:	Not reported
Assesment Report Due:	Not reported
Assesment Report Received:	Not reported
Assesment Report Approved:	Not reported
Achieved Over-Excavation:	Not reported
Release Not Verified Date:	Not reported
Ref to Contaminated Site Section:	Not reported
Cleanup Start Date:	10/17/96 0:00:00
Cleanup Complete Date:	11/15/99 0:00:00
Cleanup Report Due Date:	1/9/93 0:00:00
Cleanup Report Received Date:	8/18/94 0:00:00
Cleanup Report Approved Date:	1/17/95 0:00:00
Check Report Due Date:	Not reported
Check Report Received Date:	Not reported
Check Report Rejected Date:	Not reported
Check Report Approved Date:	Not reported
Date Classified:	11/15/99 0:00:00
Risk Classification -NFA:	Yes
Class - Low Risk:	No
Class - High Risk:	No

PHILLIPS 66 (Continued) **U003169613**

Lust Current:	No Action Required
Tier 1 Consultant Recommends:	Not reported
T1 Actual GW Ingestion:	No
T1 Poten GW Ingestion from Protected GW:	No
T1 Poten GW Ingestion from Protected GW:	No
T1 GW Vapor to Enclosed Space:	No
T1 GW to Plastic Water Line:	No
T1 Surface Water:	No
T1 Soil Leaching to GW:	No
T1 Soil Vapor to Enclosed Space:	No
T1 Soil to Plastic Line:	No
Tier 2 Consultant Recommends:	NFA
T2 Actual GW Ingestion:	NFA
T2 Poten GW Ingestion from Protected GW:	NFA
T2 Poten GW Ingestion from Protected GW:	NFA
T2 GW Vapor to Enclosed Space:	NFA
T2 GW to Plastic Water Line:	NFA
T2 SW General Use:	NFA
T2 SW Designated Use:	NFA
T2 Soil Leaching to GW:	NFA
T2 Soil Vapor to Enclosed Space:	NFA
T2 Soil to Plastic Line:	NFA
Institutional Control Obtained:	No
NFA Certificate Sent:	2/22/00 0:00:00
No Action Required:	**No**
Priority Ranking:	5
Delete:	No

UST:

Registration:	198604031

UST:

Registration:	198604031
Status Description:	Regulated tanks - r/f
Type Description:	Private/Corporate
Tank Id:	11322
Install Date:	12/1/1963
Status Description:	Regulated tanks - r/f
Capacity:	4000
Content Description:	Gasoline
Registration:	198604031
Tank Id:	11325
Install Date:	12/1/1980
Status Description:	Non-regulated hoist oil tank - active
Capacity:	35
Content Description:	Other
Registration:	198604031
Tank Id:	11324
Install Date:	12/1/1963
Status Description:	Regulated tanks - r/f
Capacity:	500
Content Description:	Used Oil

PHILLIPS 66 (Continued) **U003169613**

Registration: 198604031
Tank Id: 11327
Install Date: 12/1/1984
Status Description: Non-regulated hoist oil tank - active
Capacity: 35
Content Description: Other

Registration: 198604031
Tank Id: 11323
Install Date: 12/1/1963
Status Description: Regulated tanks - r/f
Capacity: 6000
Content Description: Gasoline

Registration: 198604031
Tank Id: 11321
Install Date: 12/1/1963
Status Description: Regulated tanks - r/f
Capacity: 4000
Content Description: Gasoline

Registration: 198604031
Tank Id: 11326
Install Date: 12/1/1965
Status Description: Non-regulated hoist oil tank - active
Capacity: 35
Content Description: Other

HIST UST:

Tank Number:	001
Tank Status:	**Regulated tanks - r/f**
Tank Type:	Commercial
Tank Capacity:	4000
Currently In Use:	No
Tank Material and Construction:	Steel
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	1/1/81 0:00:00
Site Install Date:	12/1/63 0:00:00
Date Removed:	12/21/94 0:00:00
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Not reported
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported

PHILLIPS 66 (Continued) **U003169613**

TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Yes
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported

PHILLIPS 66 (Continued) **U003169613**

Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported
Tank Number:	002
Tank Status:	**Regulated tanks - r/f**
Tank Type:	Commercial
Tank Capacity:	4000
Currently In Use:	No
Tank Material and Construction:	Steel Int. Lined with Fiberglass
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported
Site Install Date:	12/1/63 0:00:00
Date Removed:	12/21/94 0:00:00
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Yes
TIP None:	Not reported
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Yes
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported

PHILLIPS 66 (Continued) **U003169613**

PCP Galvanized Steel:	Yes
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

Tank Number:	003
Tank Status:	**Regulated tanks - r/f**
Tank Type:	Commercial
Tank Capacity:	6000
Currently In Use:	No
Tank Material and Construction:	Steel Int. Lined with Fiberglass
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported
Site Install Date:	12/1/63 0:00:00
Date Removed:	12/21/94 0:00:00
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported

PHILLIPS 66 (Continued) **U003169613**

Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Yes
TIP None:	Not reported
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Yes
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Yes
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported

PHILLIPS 66 (Continued) **U003169613**

Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

Tank Number:	004
Tank Status:	**Regulated tanks - r/f**
Tank Type:	Commercial
Tank Capacity:	500
Currently In Use:	No
Tank Material and Construction:	Steel
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported
Site Install Date:	12/1/63 0:00:00
Date Removed:	5/4/90 0:00:00
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	1/1/00 0:00:00
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Not reported
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported

PHILLIPS 66 (Continued) **U003169613**

LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Yes
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

Tank Number:	005
Tank Status:	**Non-regulated hoist oil tank - active**
Tank Type:	Not reported
Tank Capacity:	35
Currently In Use:	No
Tank Material and Construction:	Steel
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported

PHILLIPS 66 (Continued) **U003169613**

Site Install Date:	12/1/80 0:00:00
Date Removed:	Not reported
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Not reported
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Not reported
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Yes
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported

PHILLIPS 66 (Continued) **U003169613**

Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

Click this hyperlink while viewing on your computer to access
2 additional IA HIST UST: record(s) in the EDR Site Report.

BP293 **JIFFY CONVENIENCE STORE #924** **LUST** **U003929236**
NNW **3718 SW 9TH STREET** **HIST LUST** **N/A**
> 1 **DES MOINES, IA 50315** **UST**
2.468 mi. **HIST UST**
13031 ft. **Site 2 of 2 in cluster BP**

Relative:
Higher

Actual:
941 ft.

LUST:

Registration:	198608712
Leak Number:	8LTT12
Date Reported:	5/11/1992
Date Cleanup Started:	4/7/1995
Date Cleanup Completed:	1/9/2006
Record Description:	No Action Required
Product Description:	Gasoline

HIST LUST:

Facility ID:	198608712
Leak Number:	8LTT12
Leak Entry Date:	05/12/92
Spill Number:	Not reported
Occur Date:	Not reported
Occur Time:	Not reported
Discover Date:	8/13/1990 0:00
Discover Time:	Not reported
Facility Addr 2:	Not reported
Facility Phone:	5152433593
Facility Fax1:	Not reported
Facility Fax2:	Not reported
Owner Name:	DANLEE CORPORATION
Owner Type:	Private/Corporate
Owner Addr:	% DAN MOELLERS

JIFFY CONVENIENCE STORE #924 (Continued) **U003929236**

Owner Addr 2:	101 S JEFFERSON
Owner City,St,Zip:	INDIANOLA, IA 50125-
Owner Phone:	6417522725
Owner Fax:	Not reported
Lead:	State Fund
Coordinator:	ERD
Staff Initials:	KKL
Leak Contact:	TERRY BUELLER
Leak Address:	MIDWAY OIL COPMANY
Leak Address 2:	4330 11TH STREET
Leak City,St,Zip:	ROCK ISLAND, IL 61204
Leak Phone:	5152469740
Record Name:	BOYDSTON
Record Date:	5/12/1992 0:00
Record Location:	Lust
Reporter Name:	Not reported
Reporter Business:	UST PROGRAM
Reporter Date:	05/11/92
Reporter Addr:	814 PIERCE
Rprtr City,St,Zip:	SIOUX CITY, IA 511020000
Reporter Phone:	8009421000
Responsible Party:	JOHN BLISS
RP Company:	MIDWAY OIL COMPANY
RP Address:	PO BOX 4750
RP City,St,Zip:	ROCK ISLAND, IL 61204
RP Phone:	0
RP Ext:	Not reported
RP Fax:	Not reported
ER Date:	Not reported
Delete:	No
Ground Water Professional ID:	1642
Ground Water Professional Due Date:	06/05/97
Ground Water Professional Received Date:	06/28/99
Corrective Action Design Report Id:	1905
Corrective Action Design Due Date:	Not reported
Corrective Action Design Record Date:	01/13/04

IA Hist Lust Status:

ID:	4066
Site Leak Number:	8LTT12
Discovered During:	Other
Tanks Removed:	00
Leak Cause:	Not reported
Gas:	Yes
Diesel:	Not reported
Oil:	Not reported
Kerosene:	Not reported
Released Fuel Oil:	Not reported
Released Hydraulic Oil:	Not reported
Released Other Petroleum:	Not reported
Released Unknown:	Not reported
Released Non_Petroleum Chemical:	Not reported
Gallons Released:	UNK000000000
Leak Status:	Unknown
Loc Soil:	Yes
Loc Ground Water:	Not reported
Loc Surface Water:	Not reported
Loc Water Supply:	Not reported

JIFFY CONVENIENCE STORE #924 (Continued) **U003929236**

Res Public Water Supply:	Not reported
Resources Water Well:	Not reported
Res Actual Drinking WW:	Not reported
Res Non-Drink WW:	Not reported
respotprtg:	Not reported
ressoil:	Not reported
Res Ground Water:	Not reported
Res Surface Water:	Not reported
Res Toxic Vapor:	Not reported
Res Explosive Vapor:	Not reported
Res Other:	Not reported
Res Impacted Soil:	Not reported
Res Impacted Ground Water:	Not reported
Res Impacted Water Well:	Not reported
Res Impacted Pub Water Supply:	Not reported
Res Impacted Surface Water:	Not reported
Res Impacted Toxic Vapor:	Not reported
Res Impacted Explosive Vapor:	Not reported
Res Impacted Other:	Not reported
Res Impacted Drinking WW:	Not reported
Res Impacted Non-Drink WW:	Not reported
Res Impacted Potential Non Drink WW:	Not reported
Officials Onsite Health:	Not reported
Officials Onsite Fire:	Not reported
Officials Onsite Law:	Not reported
Officials Onsite Civil:	Not reported
Officials Onsite None:	Not reported
Officials Onsite Unknown:	Yes
Officials Onsite Other:	Not reported
AST:	Not reported
UST/LUST Other:	Not reported
Delete:	No

IA Hist Lust Cause:

Release Cause:	Not reported

IA Hist Lust HICA:

Leak Number:	8LTT12
Registration Number:	198608712
Date CorrectiveActionDesign Report(CADR) Rec:	Not reported
Date CADR Due:	8/30/2005 0:00
Date CADR Approved:	Not reported
Date CADR Rejected:	Not reported
Date CADR Remediation Started:	Not reported
Date CADR Remediation Completed:	Not reported
Staff CADR Reviewed By:	Not reported

IA Hist Lust Groundwater:

Groundwater Prof. Applicant Id Num.	1642
Groundwater Pro. App. Last Name:	REAMS-WIDDER
Groundwater Pro. App. First Name:	JILL
Groundwater Pro. Firm:	CASEY'S MARKETING COMPANY
Groundwater Pro. Address:	PO BOX 3001
Groundwater Pro. Address 2:	Not reported
Groundwater Pro. City:	ANKENY
Groundwater Pro. State:	IA

JIFFY CONVENIENCE STORE #924 (Continued) **U003929236**

Groundwater Pro. Zip Code: 0
Groundwater Pro. Tele: 5159656238
Groundwater Pro. Fax: Not reported
Groundwater Pro. Email: jill.reams-widder@caseys.com
Groundwater Pro. Exp. Of Gwp Cert.: 12/31/2007 0:00
Is The Gwp Certified?: Yes
Is Gwp Cert. For Cadr?: Yes

IA Hist Lust Misc:

Misc Due Date:	Not reported	Misc Rec Date:	1/13/04 0:00:00
Misc Other:	Not reported	Misc Title:	MTBE WORKSHEET & DISK
Misc Due Date:	Not reported	Misc Rec Date:	10/3/03 0:00:00
Misc Other:	Not reported	Misc Title:	MTBE WORKSHEET & DISK

IA Hist Lust Site Monitoring Report:

Site Monitoring Report Due Date: 6/30/05 0:00:00
Site Monitoring Report Rec Date: 11/7/05 0:00:00
Site Monitoring Report Reg Date: Not reported
Site Monitoring Report Rejected Date: 1/9/06 0:00:00
Site Monitoring Report Type: C
Reclassification Request Type: NFA
Site Monitoring Report Revd By: KKL
GW professional ID: 1905

Site Monitoring Report Due Date: 10/30/98 0:00:00
Site Monitoring Report Rec Date: 1/12/99 0:00:00
Site Monitoring Report Reg Date: Not reported
Site Monitoring Report Rejected Date: Not reported
Site Monitoring Report Type: P
Reclassification Request Type: Not reported
Site Monitoring Report Revd By: Not reported
GW professional ID: Not reported

Site Monitoring Report Due Date: 10/30/99 0:00:00
Site Monitoring Report Rec Date: 6/28/99 0:00:00
Site Monitoring Report Reg Date: Not reported
Site Monitoring Report Rejected Date: Not reported
Site Monitoring Report Type: P
Reclassification Request Type: Not reported
Site Monitoring Report Revd By: Not reported
GW professional ID: Not reported

Site Monitoring Report Due Date: 10/30/01 0:00:00
Site Monitoring Report Rec Date: Not reported
Site Monitoring Report Reg Date: Not reported
Site Monitoring Report Rejected Date: Not reported
Site Monitoring Report Type: H
Reclassification Request Type: Not reported
Site Monitoring Report Revd By: Not reported
GW professional ID: Not reported

Site Monitoring Report Due Date: 10/30/02 0:00:00
Site Monitoring Report Rec Date: 10/1/03 0:00:00
Site Monitoring Report Reg Date: Not reported
Site Monitoring Report Rejected Date: Not reported

JIFFY CONVENIENCE STORE #924 (Continued) **U003929236**

Site Monitoring Report Type:	H
Reclassification Request Type:	Not reported
Site Monitoring Report Revd By:	Not reported
GW professional ID:	Not reported

IA Hist Lust Remediation:

Heat Treatment:	No
Land Application:	No
On Site:	No
Achieved Over-Excavation:	No
Soil Venting Passive:	No
Soil Venting Active:	No
Bioremediation Passive:	No
Bioremediation Active:	No
In Situ GW Treatment - Air Sparging:	No
Ground Water:	No
Fresh Water:	No
IGT - pH Adjustment:	No
Nutrient:	No
Oxygen:	No
Biological:	No
Permit Date:	Not reported
Other:	No
Surface Treatment - Carbon Absorption:	No
Biological:	No
ST Other:	No
TDT Sanitary Sewer:	No
TDT Storm Sewer:	No
Stream:	No
TDT Other:	No
Reduced Risk Plugged Well:	No
RR Replace:	No
RR Relocate:	No
RR Other:	No
Delete:	No

IA Hist Lust Free Product Recovery:

FPR Report Assesment Due:	Not reported
FPR Report Received:	Not reported
FPR Report Accepted:	Not reported
FPR Report Rejected:	Not reported
FPR Report Revised:	Not reported

IA Hist Lust Corrective Action Design Report:

Corrective Action Design Record Date:	Not reported
Corrective Action Design Received:	Not reported
Corrective Action Design Accepted:	Not reported
Corrective Action Design Rejected:	Not reported
Revised Report Received:	Not reported

IA Hist Lust Tier 1 Report:

T1 Assesment Due:	Not reported
T1 Received:	Not reported
Tier 1 Consultant Recommends:	Not reported
T1 Accepted:	Not reported

JIFFY CONVENIENCE STORE #924 (Continued) **U003929236**

T1 Rejected:	Not reported
T1 Revised:	Not reported
T1 Reviewed:	Not reported

IA Hist Lust Tier 2 Report:

T2 Assesment Due:	5/1/98 0:00:00
T2 Received:	1/18/00 0:00:00
T2 Accepted:	3/15/00 0:00:00
T2 Rejected:	Not reported
T2 Reviewed:	TMV
T2 Assesment Due:	Not reported
T2 Received:	1/13/04 0:00:00
T2 Accepted:	1/19/05 0:00:00
T2 Rejected:	Not reported
T2 Reviewed:	KKL

IA Hist Lust Tier 3 Report:

T3 Assesment Due:	Not reported
T3 Received:	Not reported
T3 Accepted:	Not reported
T3 Rejected:	Not reported

IA Hist Lust Administration:

ID:	4066
Owner Identified:	Yes
Responsible Party Found:	Yes
RP Date:	5/12/92 0:00:00
Owner Broke:	No
ER Date:	Not reported
Cost Recovery Start Dt:	Not reported
CR Notice of Intent Dt:	Not reported
CR Appeal of NOI Dt:	Not reported
CR Final Decision Dt:	Not reported
CR EP Comm Lien Approval Dt:	Not reported
CR Lien:	Not reported
CR Ten Yr Renewal Dt:	Not reported
CR Lien Named:	No
crtyrdate:	Not reported
CR Remediation:	Not reported
Delete:	No
CR Amnt Received:	Not reported
CR End Date:	Not reported

IA Hist Lust 28E:

Counter:	Not reported
Staff Initials:	Not reported
Type:	Not reported
County:	Not reported
Part Of State:	Not reported
Priority Number:	Not reported
Reason:	Not reported
Responsible Party:	Not reported
rfpno:	Not reported
Removed:	Not reported

JIFFY CONVENIENCE STORE #924 (Continued) **U003929236**

Date Removed:	Not reported
Field Office:	Not reported
Newlist:	Not reported
State Lead:	Not reported
Access Letter Mailed:	Not reported
Owner Signed Access:	Not reported
Signed Access to Contractor:	Not reported
Contractor Signed Access:	Not reported
Final Access Mailed:	Not reported
nfr:	Not reported
Start Date:	Not reported

IA Hist Lust AO:

Seq Number:	448
Distribution:	Not reported
UST/LUST Other:	L
Order Type:	CADR
Legal Ref Start:	12/12/02 0:00:00
Division ADM Date:	Not reported
CE Bureau Date:	Not reported
AO Issue Date:	12/24/02 0:00:00
AO Number:	0228
Name Of Parties:	JOHN BLISS/DAVID REQUET
Penalty Due Date:	2/21/03 0:00:00
Penalty Amount:	$44900.00
Penalty Paid Date:	Not reported
Penalty Amount Paid:	Not reported
AO Appeal Date:	Not reported
ALJ Decision Date:	Not reported
EPC Decision Date:	Not reported
Attorney Gen Ref Date:	Not reported
Final Court Decision:	Not reported
Case Number:	Not reported
County:	Not reported
Action Required:	Not reported
Compliance Due:	3/3/03 0:00:00
In Compliance Date:	Not reported
Removed:	No
Staff Initials:	JRH

IA Hist Lust ATP:

Seq Number:	Not reported
Last Name:	Not reported
Priority Rank:	Not reported
Type:	Not reported
Reason:	Not reported
ATP Due:	Not reported
ATP Letter:	Not reported
Financial Documents Recvd:	Not reported
Able/Unable To Pay:	Not reported
Final Letter:	Not reported
Project Complete:	Not reported
RP Able to Pay:	Not reported
Project Removed:	Not reported
Staff Initials:	Not reported
Comment:	Not reported

JIFFY CONVENIENCE STORE #924 (Continued) **U003929236**

IA Hist Lust Contract:

Seq Number:	Not reported
Tank City:	Not reported
Staff Initials:	Not reported
Score:	Not reported
Scope Completed:	Not reported
Advertise:	Not reported
Receive Bids:	Not reported
Commission Approval:	Not reported
Contract Approved:	Not reported
Original Contract Amt:	Not reported
Change Orders:	Not reported
Paid to Date:	Not reported
SCR/CADR Received:	Not reported
SCR/CADR Approved:	Not reported
Contract:	Not reported

IA Hist Lust Bedrock Well:

ID:	Not reported
Category:	Not reported
Sample Water Supply:	Not reported
GIS Survey:	Not reported

IA Hist Lust Inst Control:

Inst Control Begin:	Not reported
Inst Control Type:	Not reported

IA Hist Lust Track:

ID:	4066
Site Assesment Start Date:	6/18/92 0:00:00
Free Product Recvry End Date:	Not reported
FP Letter Sent Date:	Not reported
FP Report Frequency:	Not reported
Assesment Report Due:	Not reported
Assesment Report Received:	Not reported
Assesment Report Approved:	Not reported
Achieved Over-Excavation:	Not reported
Release Not Verified Date:	Not reported
Ref to Contaminated Site Section:	Not reported
Cleanup Start Date:	4/7/95 0:00:00
Cleanup Complete Date:	1/9/06 0:00:00
Cleanup Report Due Date:	Not reported
Cleanup Report Received Date:	Not reported
Cleanup Report Approved Date:	Not reported
Check Report Due Date:	Not reported
Check Report Received Date:	Not reported
Check Report Rejected Date:	Not reported
Check Report Approved Date:	Not reported
Date Classified:	1/9/06 0:00:00
Risk Classification -NFA:	Yes
Class - Low Risk:	No
Class - High Risk:	No
Lust Current:	No Action Required
Tier 1 Consultant Recommends:	Not reported
T1 Actual GW Ingestion:	No

JIFFY CONVENIENCE STORE #924 (Continued) **U003929236**

T1 Poten GW Ingestion from Protected GW:	No
T1 Poten GW Ingestion from Protected GW:	No
T1 GW Vapor to Enclosed Space:	No
T1 GW to Plastic Water Line:	No
T1 Surface Water:	No
T1 Soil Leaching to GW:	No
T1 Soil Vapor to Enclosed Space:	No
T1 Soil to Plastic Line:	No
Tier 2 Consultant Recommends:	NFA
T2 Actual GW Ingestion:	NFA
T2 Poten GW Ingestion from Protected GW:	NFA
T2 Poten GW Ingestion from Protected GW:	NFA
T2 GW Vapor to Enclosed Space:	NFA
T2 GW to Plastic Water Line:	NFA
T2 SW General Use:	NFA
T2 SW Designated Use:	NFA
T2 Soil Leaching to GW:	NFA
T2 Soil Vapor to Enclosed Space:	NFA
T2 Soil to Plastic Line:	NFA
Institutional Control Obtained:	No
NFA Certificate Sent:	7/10/06 0:00:00
No Action Required:	**No**
Priority Ranking:	5
Delete:	No

UST:

Registration:	198608712

UST:

Registration:	198608712
Status Description:	Regulated tanks - active
Type Description:	Private/Corporate
Tank Id:	26459
Install Date:	7/1/1994
Status Description:	Regulated tank - active
Capacity:	4000
Content Description:	Gasoline
Registration:	198608712
Tank Id:	26459
Install Date:	7/1/1994
Status Description:	Regulated tank - active
Capacity:	8000
Content Description:	Gasoline
Registration:	198608712
Tank Id:	26456
Install Date:	12/1/1977
Status Description:	Regulated tanks - r/f
Capacity:	7500
Content Description:	Gasoline
Registration:	198608712
Tank Id:	26455
Install Date:	12/1/1977

JIFFY CONVENIENCE STORE #924 (Continued) **U003929236**

Status Description:	Regulated tanks - r/f
Capacity:	7500
Content Description:	Gasoline

Registration:	198608712
Tank Id:	26458
Install Date:	12/1/1977
Status Description:	Regulated tanks - r/f
Capacity:	7500
Content Description:	Gasoline

Registration:	198608712
Tank Id:	26460
Install Date:	7/1/1994
Status Description:	Regulated tank - active
Capacity:	10000
Content Description:	Gasoline

Registration:	198608712
Tank Id:	26457
Install Date:	12/1/1977
Status Description:	Regulated tanks - r/f
Capacity:	7500
Content Description:	Gasoline

HIST UST:

Tank Number:	001
Tank Status:	**Regulated tanks - r/f**
Tank Type:	Commercial
Tank Capacity:	7500
Currently In Use:	No
Tank Material and Construction:	Steel
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported
Site Install Date:	12/1/77 0:00:00
Date Removed:	8/1/94 0:00:00
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Yes
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported

JIFFY CONVENIENCE STORE #924 (Continued) **U003929236**

TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Yes
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Yes
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Yes
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Yes
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported

JIFFY CONVENIENCE STORE #924 (Continued) **U003929236**

Installation Cert. by LUST Board Cert. Inspector: Not reported

Tank Number:	002
Tank Status:	**Regulated tanks - r/f**
Tank Type:	Commercial
Tank Capacity:	7500
Currently In Use:	No
Tank Material and Construction:	Steel
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported
Site Install Date:	12/1/77 0:00:00
Date Removed:	8/1/94 0:00:00
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Not reported
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Yes
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Yes
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Yes
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported

JIFFY CONVENIENCE STORE #924 (Continued) **U003929236**

PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

Tank Number:	003
Tank Status:	**Regulated tanks - r/f**
Tank Type:	Commercial
Tank Capacity:	7500
Currently In Use:	No
Tank Material and Construction:	Steel
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported
Site Install Date:	12/1/77 0:00:00
Date Removed:	8/1/94 0:00:00
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported

JIFFY CONVENIENCE STORE #924 (Continued) **U003929236**

Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Not reported
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Yes
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Yes
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Yes
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported

JIFFY CONVENIENCE STORE #924 (Continued) **U003929236**

Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

Tank Number:	004
Tank Status:	**Regulated tanks - r/f**
Tank Type:	Commercial
Tank Capacity:	7500
Currently In Use:	No
Tank Material and Construction:	Steel
Tank Material and Construction Other:	Not reported
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported
Site Install Date:	12/1/77 0:00:00
Date Removed:	8/1/94 0:00:00
Filled Inert:	Not reported
Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	No
Compartment Capacity:	0
Compartment 1 Contents:	Not reported
Compartment 1 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Not reported
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Not reported
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	Not reported
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Not reported
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Not reported
LDS Tank Tightness Testing:	Not reported

JIFFY CONVENIENCE STORE #924 (Continued) **U003929236**

LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	Not reported
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Not reported
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Not reported
PCP Flex Wall:	Not reported
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Not reported
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Not reported
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported
Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Not reported
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Not reported
Automatic Shutoff Device:	Not reported
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Not reported
Manufacturer Checklist Completed:	Not reported
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	Not reported
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

Tank Number:	005
Tank Status:	**Regulated tank - active**
Tank Type:	Commercial
Tank Capacity:	0
Currently In Use:	Yes
Tank Material and Construction:	Double Wall Composite
Tank Material and Construction Other:	GLASTEEL II
Tank Internal Protection Fiberglass:	Not reported
Tank External Protection Cathodic:	Not reported
Temp Closed Date:	Not reported
Site Install Date:	7/1/94 0:00:00
Date Removed:	Not reported
Filled Inert:	Not reported

JIFFY CONVENIENCE STORE #924 (Continued) **U003929236**

Date Filled in Place:	Not reported
Inert Material:	Not reported
Date Last Contained Product:	Not reported
No Further Action Date:	Not reported
Permanently Out of Use:	Not reported
Compartment Case:	Not reported
Compartments:	Yes
Compartment Capacity:	8000
Compartment 1 Contents:	Gasoline
Compartment 1 Case:	Not reported
Compartment 2 Capacity:	4000
Compartment 2 Contents:	Gasoline
Compartment 2 Case:	Not reported
TIP Internal Lining:	Not reported
TIP None:	Yes
TIP Internal Unknown:	Not reported
TIP Internal Other:	Not reported
TEP Asphaltic:	Not reported
TEP Fiberglass Reinforced Plastic:	Yes
TEP Field Install Cathodic Protection:	Not reported
TEP Factor Install Cathodic Protection:	Not reported
TEP Impressed Current:	Not reported
TEP Coal for Epoxy:	Not reported
TEP Fiberglass Reinforced Urethane:	Not reported
TEP Agency Specify:	Not reported
TEP None:	Not reported
TEP Unknown:	Not reported
Date Cathodic Protection Tested:	Not reported
TEP Other:	Not reported
Other Method Cathodic Protection:	ENVIRON PIPING
Leak Detection System Vapor Monitoring Wells:	Not reported
LDS Ground Monitoring Wells:	Not reported
LDS Interstitial:	Yes
LDS Interstitial Containments:	Not reported
LDS Auto-Guaging:	Yes
LDS Tank Tightness Testing:	Yes
LDS Statistical:	Not reported
LDS Manual Guaging:	Not reported
LDS None:	Not reported
LDS Other:	RED JACKET ST 1402
Piping Construction and Protection Bare Steel:	Not reported
PCP Double Wall Steel:	Not reported
PCP Galvanized Steel:	Not reported
PCP Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall Fiberglass Reinforced Plastic:	Not reported
PCP Double Wall:	Yes
PCP Flex Wall:	X
PCP Cathodic Protection:	Not reported
PCP Unknown:	Not reported
Type of Piping Pressurized Piping:	Yes
TOP Suction Piping:	Not reported
TOP Safer Suction:	Not reported
PLD Automatic Line Leak Mechanical:	Yes
PLD Automatic Electronic:	Not reported
PLD Automatic Line Tightness:	Not reported
PLD Interstitial:	Not reported
PLD Secondary Barrier:	Not reported

JIFFY CONVENIENCE STORE #924 (Continued) **U003929236**

Piping Leak Detection Vapor:	Not reported
PLD Ground Water Monitoring:	Not reported
PLD Suction:	Not reported
PLD Suction:	Not reported
PLD Statistical:	Not reported
PLD None:	Not reported
PLD Other:	Not reported
Spill Protection:	Yes
Catchment Basin Size:	Not reported
Catchment Basin None:	Not reported
Catchment Basin Unknown:	Not reported
Overfill Protection:	Yes
Automatic Shutoff Device:	Yes
Flow Restrictor:	Not reported
High Level Alarm:	Not reported
Installer Cert. by Tank/Pipe Manufacturers:	Not reported
Installation Cert. by Professional Engineers:	Yes
Manufacturer Checklist Completed:	Yes
Tanks/Pipes Tested for leaks during/after Install:	Not reported
Other Installation:	IUST INSPECTED
Installer Cert. by LUST Board:	Not reported
Installation Cert. by LUST Board Cert. Inspector:	Not reported

Click this hyperlink while viewing on your computer to access
1 additional IA HIST UST: record(s) in the EDR Site Report.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
NORWALK	1003108990	FORT DES MOINES (EX) TAR RNG	6.5 MILES S CENTRAL BUSINESS D	50211	CERCLIS,FINDS
DES MOINES	1004689738	CONFINEMENT LIVESTOCK SYSTEMS	3917 MCKINLEY	50321	FINDS,RCRA-NLR
DES MOINES	1004690026	V & V AUTOMOTIVE-FORMER SITE OF(RE	1750 E ARMY POST	50315	FINDS,RCRA-NLR
DES MOINES	1004691284	US ARMY RESERVE CENTER	25 CHAFFEE ROAD	50315	FINDS,RCRA-NLR
CARLISLE	1005623672	CARLISLE UTILITIES	195 N FIRST ST / BOX 430	50047	FTTS,FINDS,HIST FTTS INSP
DES MOINES	1009316725	CHICAGO & NORTHWESTERN RR DES MOIN	THOMAS BECK AND 14TH STREET		FINDS
DES MOINES	1009622441	935 SW HEROLD	935 SW HEROLD		HIST CDL
DES MOINES	1009629569	IOWA GAS COMPANY	5TH AVE., N. OF GRAND AVE.	3	DOT OPS
DES MOINES	1009634528		9TH AND CAULDER	50315	DOT OPS
DES MOINES	1010178480	CITY OF DES MOINES	4505 SE 62ND AVE	50303	FINDS
DES MOINES	1011268981	DES MOINES REGENCY MANOR LLC	7085 SE BLOOMFIELD R	50320	FINDS
DES MOINES	1011274020	DES MOINES WATER WORKS-MAFFITT	WASTEWATER TREATMENT PLANT	50303	FINDS
DES MOINES	1011290330	DES MOINES INTL AIRPORT	5800 FLUER DRIVE	50309	FINDS
DES MOINES	1011294251	DES MOINES AIRPORT VEHICLE MNTNC	4105 THUNDERSTREAK DR	50321	FINDS
DES MOINES	1011537138	DES MOINES AREA B WWTP	SSEC2 T77N R23W DES MOINES	50307	ICIS
DES MOINES	1011598025	DES MOINES AREA C STORMWATER L	SEC19 T78N R23W DES MOINES	50307	ICIS
CARLISLE	1011614385	WRIGHT CHEVROLET-GEO	95 HWY 5 CARLISLE IA 5004	50047	ICIS
CARLISLE	S107946292	CASEY'S GENERAL STORE #14	105 HWY 5	50047	LUST
CARLISLE	U003638139	ROBERT PRESTON	RTE 1	50047	UST,HIST UST
NORWALK	U003979161	KUM AND GO #28	2992 HWY 28	50211	UST,HIST UST

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 07/02/2010
Date Data Arrived at EDR: 07/14/2010
Date Made Active in Reports: 10/04/2010
Number of Days to Update: 82

Source: EPA
Telephone: N/A
Last EDR Contact: 07/14/2010
Next Scheduled EDR Contact: 10/25/2010
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 07/02/2010
Date Data Arrived at EDR: 07/14/2010
Date Made Active in Reports: 10/04/2010
Number of Days to Update: 82

Source: EPA
Telephone: N/A
Last EDR Contact: 07/14/2010
Next Scheduled EDR Contact: 10/25/2010
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/16/2010
Next Scheduled EDR Contact: 11/29/2010
Data Release Frequency: No Update Planned

Federal Delisted NPL site list

DELISTED NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 07/02/2010
Date Data Arrived at EDR: 07/14/2010
Date Made Active in Reports: 10/04/2010
Number of Days to Update: 82

Source: EPA
Telephone: N/A
Last EDR Contact: 07/14/2010
Next Scheduled EDR Contact: 10/25/2010
Data Release Frequency: Quarterly

Federal CERCLIS list

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 01/29/2010
Date Data Arrived at EDR: 02/09/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 62

Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 10/01/2010
Next Scheduled EDR Contact: 01/10/2011
Data Release Frequency: Quarterly

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPAa??s Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 06/23/2009
Date Data Arrived at EDR: 01/15/2010
Date Made Active in Reports: 02/10/2010
Number of Days to Update: 26

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 07/21/2010
Next Scheduled EDR Contact: 10/25/2010
Data Release Frequency: Varies

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 06/23/2009
Date Data Arrived at EDR: 09/02/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 19

Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 10/01/2010
Next Scheduled EDR Contact: 12/13/2010
Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 05/25/2010
Date Data Arrived at EDR: 06/02/2010
Date Made Active in Reports: 10/04/2010
Number of Days to Update: 124

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 08/16/2010
Next Scheduled EDR Contact: 11/29/2010
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 02/17/2010
Date Data Arrived at EDR: 02/19/2010
Date Made Active in Reports: 05/17/2010
Number of Days to Update: 87

Source: Environmental Protection Agency
Telephone: 913-551-7003
Last EDR Contact: 08/19/2010
Next Scheduled EDR Contact: 10/18/2010
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 02/17/2010
Date Data Arrived at EDR: 02/19/2010
Date Made Active in Reports: 05/17/2010
Number of Days to Update: 87

Source: Environmental Protection Agency
Telephone: 913-551-7003
Last EDR Contact: 08/19/2010
Next Scheduled EDR Contact: 10/18/2010
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 02/17/2010
Date Data Arrived at EDR: 02/19/2010
Date Made Active in Reports: 05/17/2010
Number of Days to Update: 87

Source: Environmental Protection Agency
Telephone: 913-551-7003
Last EDR Contact: 08/19/2010
Next Scheduled EDR Contact: 10/18/2010
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 02/17/2010
Date Data Arrived at EDR: 02/19/2010
Date Made Active in Reports: 05/17/2010
Number of Days to Update: 87

Source: Environmental Protection Agency
Telephone: 913-551-7003
Last EDR Contact: 08/19/2010
Next Scheduled EDR Contact: 10/18/2010
Data Release Frequency: Varies

Federal institutional controls / engineering controls registries

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 12/20/2009
Date Data Arrived at EDR: 01/20/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 09/13/2010
Next Scheduled EDR Contact: 12/27/2010
Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 12/20/2009
Date Data Arrived at EDR: 01/20/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 09/13/2010
Next Scheduled EDR Contact: 12/27/2010
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 07/09/2010
Date Data Arrived at EDR: 07/09/2010
Date Made Active in Reports: 08/17/2010
Number of Days to Update: 39

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 10/06/2010
Next Scheduled EDR Contact: 01/17/2011
Data Release Frequency: Annually

State- and tribal - equivalent CERCLIS

SHWS: Registry of Hazardous Waste or Hazardous Substance Disposal Sites

State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 02/19/2010
Date Made Active in Reports: 03/05/2010
Number of Days to Update: 14

Source: Department of Natural Resources
Telephone: 515-281-8801
Last EDR Contact: 07/26/2010
Next Scheduled EDR Contact: 11/08/2010
Data Release Frequency: Annually

State and tribal landfill and/or solid waste disposal site lists

SWF/LF: Permitted Solid Waste Management Facilities

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 06/14/2010
Date Data Arrived at EDR: 06/15/2010
Date Made Active in Reports: 08/05/2010
Number of Days to Update: 51

Source: Department of Natural Resources
Telephone: 515-281-8801
Last EDR Contact: 09/15/2010
Next Scheduled EDR Contact: 12/27/2010
Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

LUST: Leaking Underground Storage Tank Data

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 09/29/2009
Date Data Arrived at EDR: 10/28/2009
Date Made Active in Reports: 11/10/2009
Number of Days to Update: 13

Source: Department of Natural Resources
Telephone: 515-281-6001
Last EDR Contact: 09/27/2010
Next Scheduled EDR Contact: 12/27/2010
Data Release Frequency: Quarterly

HIST LUST: Leaking Underground Storage Tank Database

A listing of leaking underground storage tank site locations with detailed information. The information is from the UST System Database which is no longer updated or current. It has been replaced by the LUST listing.

Date of Government Version: 05/03/2007
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 05/27/2009
Number of Days to Update: 20

Source: Department of Natural Resources
Telephone: 515-242-5818
Last EDR Contact: 04/13/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

LAST: Leaking Aboveground Storage Tank Sites

A listing of leaking aboveground storage tank sites.

Date of Government Version: 10/02/2007
Date Data Arrived at EDR: 10/10/2007
Date Made Active in Reports: 12/04/2007
Number of Days to Update: 55

Source: Department of Natural Resources
Telephone: 515-281-6001
Last EDR Contact: 09/13/2010
Next Scheduled EDR Contact: 12/27/2010
Data Release Frequency: Quarterly

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 08/30/2010
Date Data Arrived at EDR: 08/30/2010
Date Made Active in Reports: 10/04/2010
Number of Days to Update: 35

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 08/02/2010
Next Scheduled EDR Contact: 11/15/2010
Data Release Frequency: Quarterly

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 08/27/2010
Date Data Arrived at EDR: 08/30/2010
Date Made Active in Reports: 10/04/2010
Number of Days to Update: 35

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 08/02/2010
Next Scheduled EDR Contact: 11/15/2010
Data Release Frequency: Semi-Annually

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 08/05/2010
Date Data Arrived at EDR: 08/06/2010
Date Made Active in Reports: 10/04/2010
Number of Days to Update: 59

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 08/02/2010
Next Scheduled EDR Contact: 11/15/2010
Data Release Frequency: Quarterly

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 02/19/2009
Date Data Arrived at EDR: 02/19/2009
Date Made Active in Reports: 03/16/2009
Number of Days to Update: 25
Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 08/02/2010
Next Scheduled EDR Contact: 11/15/2010
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 08/05/2010
Date Data Arrived at EDR: 08/06/2010
Date Made Active in Reports: 10/04/2010
Number of Days to Update: 59
Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 08/02/2010
Next Scheduled EDR Contact: 11/15/2010
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 11/04/2009
Date Data Arrived at EDR: 05/04/2010
Date Made Active in Reports: 07/07/2010
Number of Days to Update: 64
Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 08/11/2010
Next Scheduled EDR Contact: 11/15/2010
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 05/24/2010
Date Data Arrived at EDR: 05/27/2010
Date Made Active in Reports: 08/09/2010
Number of Days to Update: 74
Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 08/02/2010
Next Scheduled EDR Contact: 11/15/2010
Data Release Frequency: Quarterly

State and tribal registered storage tank lists

UST: Underground Storage Tank Data
Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 05/01/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 05/27/2009
Number of Days to Update: 20
Source: Department of Natural Resources
Telephone: 515-281-6001
Last EDR Contact: 09/27/2010
Next Scheduled EDR Contact: 12/27/2010
Data Release Frequency: Quarterly

AST: Aboveground Storage Tank Sites
Bulk fuel facilities, commercial fuel operations, private farm sites, and any other storage facility that meets the Department of Public Safety?s registration criteria. They register any class I, II or III petroleum product (gas, diesel and oil) above 1,100 gallons.

Date of Government Version: 07/15/2010
Date Data Arrived at EDR: 07/19/2010
Date Made Active in Reports: 08/06/2010
Number of Days to Update: 18
Source: Department of Public Safety
Telephone: 515-281-5821
Last EDR Contact: 09/27/2010
Next Scheduled EDR Contact: 01/10/2011
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 05/24/2010
Date Data Arrived at EDR: 05/27/2010
Date Made Active in Reports: 08/09/2010
Number of Days to Update: 74

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 08/02/2010
Next Scheduled EDR Contact: 11/15/2010
Data Release Frequency: Quarterly

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 04/01/2008
Date Data Arrived at EDR: 12/30/2008
Date Made Active in Reports: 03/16/2009
Number of Days to Update: 76

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 08/11/2010
Next Scheduled EDR Contact: 11/15/2010
Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 08/05/2010
Date Data Arrived at EDR: 08/06/2010
Date Made Active in Reports: 10/04/2010
Number of Days to Update: 59

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 08/02/2010
Next Scheduled EDR Contact: 11/15/2010
Data Release Frequency: Quarterly

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 02/19/2009
Date Data Arrived at EDR: 02/19/2009
Date Made Active in Reports: 03/16/2009
Number of Days to Update: 25

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 08/02/2010
Next Scheduled EDR Contact: 11/15/2010
Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 08/30/2010
Date Data Arrived at EDR: 08/30/2010
Date Made Active in Reports: 10/04/2010
Number of Days to Update: 35

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 08/02/2010
Next Scheduled EDR Contact: 11/15/2010
Data Release Frequency: Quarterly

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 02/11/2010
Date Data Arrived at EDR: 02/11/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 60

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 08/02/2010
Next Scheduled EDR Contact: 11/15/2010
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 08/27/2010
Date Data Arrived at EDR: 08/30/2010
Date Made Active in Reports: 10/04/2010
Number of Days to Update: 35

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 08/02/2010
Next Scheduled EDR Contact: 11/15/2010
Data Release Frequency: Semi-Annually

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 08/03/2010
Date Data Arrived at EDR: 08/04/2010
Date Made Active in Reports: 10/04/2010
Number of Days to Update: 61

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 08/02/2010
Next Scheduled EDR Contact: 11/15/2010
Data Release Frequency: Semi-Annually

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010
Date Data Arrived at EDR: 02/16/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 55

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 07/19/2010
Next Scheduled EDR Contact: 11/01/2010
Data Release Frequency: Varies

State and tribal institutional control / engineering control registries

INST CONTROL: Sites with Institutional Controls

Sites currently enrolled in the Land Recycling Program that have Institutional Controls.

Date of Government Version: 07/27/2010
Date Data Arrived at EDR: 07/27/2010
Date Made Active in Reports: 08/05/2010
Number of Days to Update: 9

Source: Department of Natural Resources
Telephone: 515-242-5818
Last EDR Contact: 07/27/2010
Next Scheduled EDR Contact: 11/08/2010
Data Release Frequency: Varies

State and tribal voluntary cleanup sites

VCP: Land Recycling Program Sites

Sites currently enrolled in the Land Recycling Program.

Date of Government Version: 04/26/2010
Date Data Arrived at EDR: 04/28/2010
Date Made Active in Reports: 05/21/2010
Number of Days to Update: 23

Source: Department of Natural Resources
Telephone: 515-242-5818
Last EDR Contact: 08/23/2010
Next Scheduled EDR Contact: 11/08/2010
Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

INDIAN VCP R1: Voluntary Cleanup Priority Listing
A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 04/02/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 10/04/2010
Next Scheduled EDR Contact: 01/17/2011
Data Release Frequency: Varies

State and tribal Brownfields sites

BROWNFIELDS: Brownfields Site Listing
Brownfields are abandoned, idled, or under-used industrial and commercial facilities where expansion or redevelopment is complicated by real or perceived environmental contamination.

Date of Government Version: 04/26/2010
Date Data Arrived at EDR: 04/28/2010
Date Made Active in Reports: 05/21/2010
Number of Days to Update: 23

Source: Department of Natural Resources
Telephone: 515-281-8489
Last EDR Contact: 08/23/2010
Next Scheduled EDR Contact: 11/08/2010
Data Release Frequency: Quarterly

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites
Included in the listing are brownfields properties addresses by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. Targeted Brownfields Assessments-EPA's Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities--especially those without EPA Brownfields Assessment Demonstration Pilots--minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. Targeted Brownfields Assessments supplement and work with other efforts under EPA's Brownfields Initiative to promote cleanup and redevelopment of brownfields. Cooperative Agreement Recipients-States, political subdivisions, territories, and Indian tribes become Brownfields Cleanup Revolving Loan Fund (BCRLF) cooperative agreement recipients when they enter into BCRLF cooperative agreements with the U.S. EPA. EPA selects BCRLF cooperative agreement recipients based on a proposal and application process. BCRLF cooperative agreement recipients must use EPA funds provided through BCRLF cooperative agreement for specified brownfields-related cleanup activities.

Date of Government Version: 06/24/2010
Date Data Arrived at EDR: 06/25/2010
Date Made Active in Reports: 08/17/2010
Number of Days to Update: 53

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 09/29/2010
Next Scheduled EDR Contact: 01/10/2011
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

ODI: Open Dump Inventory
An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations
A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 09/27/2010
Next Scheduled EDR Contact: 01/10/2011
Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands
Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 09/07/2010
Next Scheduled EDR Contact: 11/22/2010
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US CDL: Clandestine Drug Labs
A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 05/07/2010
Date Data Arrived at EDR: 06/18/2010
Date Made Active in Reports: 08/17/2010
Number of Days to Update: 60

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 09/17/2010
Next Scheduled EDR Contact: 12/20/2010
Data Release Frequency: Quarterly

ALLSITES: Contaminated Sites Tracking Database
All the sites included in the Contaminated Sites Tracking Database. The database includes several regulatory complinace programs and actions.

Date of Government Version: 04/26/2010
Date Data Arrived at EDR: 04/28/2010
Date Made Active in Reports: 05/21/2010
Number of Days to Update: 23

Source: Department of Natural Resources
Telephone: 515-281-4171
Last EDR Contact: 08/23/2010
Next Scheduled EDR Contact: 11/08/2010
Data Release Frequency: Quarterly

DEL SHWS: Delisted Contaminated Sites Listing
A listing of sites delisted from the Contaminated Sites Listing.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 02/19/2010
Date Made Active in Reports: 03/05/2010
Number of Days to Update: 14

Source: Department of Natural Resources
Telephone: 515-281-8801
Last EDR Contact: 07/26/2010
Next Scheduled EDR Contact: 11/08/2010
Data Release Frequency: Annually

US HIST CDL: National Clandestine Laboratory Register
A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 09/01/2007
Date Data Arrived at EDR: 11/19/2008
Date Made Active in Reports: 03/30/2009
Number of Days to Update: 131

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

Local Lists of Registered Storage Tanks

HIST UST: Underground Storage Tanks Database

A listing of underground storage tank site locations with detailed information. The information is from the UST System Database which is no longer updated or current. It has been replaced by the UST listing.

Date of Government Version: 05/03/2007
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 05/27/2009
Number of Days to Update: 20

Source: Department of Natural Resources
Telephone: 515-242-5818
Last EDR Contact: 04/13/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Local Land Records

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 05/06/2010
Date Data Arrived at EDR: 05/11/2010
Date Made Active in Reports: 08/09/2010
Number of Days to Update: 90

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 08/02/2010
Next Scheduled EDR Contact: 11/15/2010
Data Release Frequency: Varies

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 12/09/2005
Date Data Arrived at EDR: 12/11/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 31

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 09/08/2010
Next Scheduled EDR Contact: 12/06/2010
Data Release Frequency: Varies

LIENS: Liens Filed Listing

A listing of liens filed with the Iowa Comprehensive Petroleum Underground Storage Tank Fund.

Date of Government Version: 08/04/2010
Date Data Arrived at EDR: 08/06/2010
Date Made Active in Reports: 09/10/2010
Number of Days to Update: 35

Source: Department of Natural Resources
Telephone: 515-281-5523
Last EDR Contact: 08/02/2010
Next Scheduled EDR Contact: 11/15/2010
Data Release Frequency: Varies

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 04/06/2010
Date Data Arrived at EDR: 04/07/2010
Date Made Active in Reports: 05/27/2010
Number of Days to Update: 50

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 07/09/2010
Next Scheduled EDR Contact: 10/18/2010
Data Release Frequency: Annually

SPILLS: Spills Database

Spill reporting data that is collected during the initial report of an incident.

Date of Government Version: 06/15/2010
Date Data Arrived at EDR: 06/15/2010
Date Made Active in Reports: 08/05/2010
Number of Days to Update: 51

Source: Department of Natural Resources
Telephone: 515-281-4367
Last EDR Contact: 09/15/2010
Next Scheduled EDR Contact: 12/27/2010
Data Release Frequency: Annually

Other Ascertainable Records

RCRA-NonGen: RCRA - Non Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 02/17/2010
Date Data Arrived at EDR: 02/19/2010
Date Made Active in Reports: 05/17/2010
Number of Days to Update: 87

Source: Environmental Protection Agency
Telephone: 913-551-7003
Last EDR Contact: 08/19/2010
Next Scheduled EDR Contact: 10/18/2010
Data Release Frequency: Varies

DOT OPS: Incident and Accident Data

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 01/12/2010
Date Data Arrived at EDR: 02/09/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 62

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 08/11/2010
Next Scheduled EDR Contact: 11/22/2010
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 703-692-8801
Last EDR Contact: 07/22/2010
Next Scheduled EDR Contact: 11/01/2010
Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/31/2008
Date Data Arrived at EDR: 09/30/2009
Date Made Active in Reports: 12/01/2009
Number of Days to Update: 62

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 09/14/2010
Next Scheduled EDR Contact: 12/27/2010
Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 04/11/2010
Date Data Arrived at EDR: 04/19/2010
Date Made Active in Reports: 05/17/2010
Number of Days to Update: 28

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 10/04/2010
Next Scheduled EDR Contact: 01/17/2011
Data Release Frequency: Varies

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 06/01/2010
Date Data Arrived at EDR: 06/16/2010
Date Made Active in Reports: 08/17/2010
Number of Days to Update: 62

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 09/15/2010
Next Scheduled EDR Contact: 12/27/2010
Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 12/14/2009
Date Data Arrived at EDR: 09/29/2010
Date Made Active in Reports: 10/04/2010
Number of Days to Update: 5

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 09/01/2010
Next Scheduled EDR Contact: 12/13/2010
Data Release Frequency: Varies

MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 05/07/2010
Date Data Arrived at EDR: 06/09/2010
Date Made Active in Reports: 08/30/2010
Number of Days to Update: 82

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 09/09/2010
Next Scheduled EDR Contact: 12/20/2010
Data Release Frequency: Semi-Annually

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2008
Date Data Arrived at EDR: 01/13/2010
Date Made Active in Reports: 02/18/2010
Number of Days to Update: 36

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 09/01/2010
Next Scheduled EDR Contact: 12/13/2010
Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2002
Date Data Arrived at EDR: 04/14/2006
Date Made Active in Reports: 05/30/2006
Number of Days to Update: 46

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 10/01/2010
Next Scheduled EDR Contact: 01/10/2011
Data Release Frequency: Every 4 Years

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/30/2010
Next Scheduled EDR Contact: 12/13/2010
Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/30/2010
Next Scheduled EDR Contact: 12/13/2010
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2008
Date Data Arrived at EDR: 01/06/2010
Date Made Active in Reports: 02/10/2010
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 08/16/2010
Next Scheduled EDR Contact: 11/15/2010
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 04/24/2010
Date Data Arrived at EDR: 04/29/2010
Date Made Active in Reports: 05/17/2010
Number of Days to Update: 18

Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 09/27/2010
Next Scheduled EDR Contact: 01/10/2011
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 02/01/2010
Date Data Arrived at EDR: 04/22/2010
Date Made Active in Reports: 08/09/2010
Number of Days to Update: 109

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 07/30/2010
Next Scheduled EDR Contact: 11/01/2010
Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 03/18/2010
Date Data Arrived at EDR: 04/06/2010
Date Made Active in Reports: 05/27/2010
Number of Days to Update: 51

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 09/13/2010
Next Scheduled EDR Contact: 12/27/2010
Data Release Frequency: Quarterly

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 07/13/2010
Date Data Arrived at EDR: 07/14/2010
Date Made Active in Reports: 08/09/2010
Number of Days to Update: 26

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 07/14/2010
Next Scheduled EDR Contact: 10/25/2010
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 04/14/2010
Date Data Arrived at EDR: 04/16/2010
Date Made Active in Reports: 05/27/2010
Number of Days to Update: 41

Source: EPA
Telephone: (913) 551-7003
Last EDR Contact: 09/15/2010
Next Scheduled EDR Contact: 12/27/2010
Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2007
Date Data Arrived at EDR: 02/25/2010
Date Made Active in Reports: 05/12/2010
Number of Days to Update: 76

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 08/24/2010
Next Scheduled EDR Contact: 12/06/2010
Data Release Frequency: Biennially

DRYCLEANERS: Iowa Drycleaner List
A listing of drycleaners in Iowa.

Date of Government Version: 02/26/2009
Date Data Arrived at EDR: 02/27/2009
Date Made Active in Reports: 04/02/2009
Number of Days to Update: 34

Source: Department of Natural Resources
Telephone: 515-242-5100
Last EDR Contact: 08/09/2010
Next Scheduled EDR Contact: 11/08/2010
Data Release Frequency: Varies

NPDES: List of NPDES Permittees
The files listed below contain information on facilities that hold NPDES permits, or those that are authorized to discharge wastewater to surface waters in Iowa.

Date of Government Version: 06/24/2010
Date Data Arrived at EDR: 08/24/2010
Date Made Active in Reports: 09/10/2010
Number of Days to Update: 17

Source: Department of Natural Resources
Telephone: 515-281-4736
Last EDR Contact: 08/24/2010
Next Scheduled EDR Contact: 12/06/2010
Data Release Frequency: Varies

AIRS: Minor and Title V Sources Listing
A listing of Minor and Title V sources.

Date of Government Version: 07/09/2010
Date Data Arrived at EDR: 07/12/2010
Date Made Active in Reports: 08/05/2010
Number of Days to Update: 24

Source: Department of Natural Resources
Telephone: 515-281-8468
Last EDR Contact: 09/20/2010
Next Scheduled EDR Contact: 01/03/2011
Data Release Frequency: Varies

TIER 2: Tier 2 Information Listing
A listing of facilities which store or manufacture hazardous materials and submit a chemical inventory report.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 04/21/2010
Date Made Active in Reports: 05/21/2010
Number of Days to Update: 30

Source: Department of Natural Resources
Telephone: 515-725-0302
Last EDR Contact: 09/27/2010
Next Scheduled EDR Contact: 01/10/2011
Data Release Frequency: Annually

INDIAN RESERV: Indian Reservations
This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 12/08/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 34

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 07/22/2010
Next Scheduled EDR Contact: 11/01/2010
Data Release Frequency: Semi-Annually

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing
The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 05/12/2010
Date Data Arrived at EDR: 05/13/2010
Date Made Active in Reports: 08/17/2010
Number of Days to Update: 96

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 08/23/2010
Next Scheduled EDR Contact: 11/08/2010
Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 07/22/2010
Next Scheduled EDR Contact: 11/01/2010
Data Release Frequency: N/A

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 11/09/2009
Date Data Arrived at EDR: 12/18/2009
Date Made Active in Reports: 02/10/2010
Number of Days to Update: 54

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 09/15/2010
Next Scheduled EDR Contact: 12/27/2010
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 01/01/2008
Date Data Arrived at EDR: 02/18/2009
Date Made Active in Reports: 05/29/2009
Number of Days to Update: 100

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 08/10/2010
Next Scheduled EDR Contact: 11/15/2010
Data Release Frequency: Varies

COAL ASH DOE: Sleam-Electric Plan Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 07/21/2010
Next Scheduled EDR Contact: 11/01/2010
Data Release Frequency: Varies

COAL ASH: Coal Ash Disposal Site Listing

A listing of coal combustion residue landfill locations.

Date of Government Version: 06/14/2010
Date Data Arrived at EDR: 06/15/2010
Date Made Active in Reports: 08/05/2010
Number of Days to Update: 51

Source: Department of Natural Resources
Telephone: 515-281-8308
Last EDR Contact: 09/15/2010
Next Scheduled EDR Contact: 12/27/2010
Data Release Frequency: Quarterly

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data
Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 12/31/2007
Date Data Arrived at EDR: 08/26/2009
Date Made Active in Reports: 09/11/2009
Number of Days to Update: 16

Source: Department of Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 08/25/2010
Next Scheduled EDR Contact: 12/06/2010
Data Release Frequency: Annually

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 07/22/2010
Date Made Active in Reports: 08/26/2010
Number of Days to Update: 35

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 07/22/2010
Next Scheduled EDR Contact: 11/01/2010
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data
Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 07/28/2010
Date Data Arrived at EDR: 08/11/2010
Date Made Active in Reports: 09/24/2010
Number of Days to Update: 44

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 08/11/2010
Next Scheduled EDR Contact: 11/22/2010
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 07/19/2010
Date Made Active in Reports: 08/26/2010
Number of Days to Update: 38

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 08/30/2010
Next Scheduled EDR Contact: 12/13/2010
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 07/06/2010
Date Made Active in Reports: 07/26/2010
Number of Days to Update: 20

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 09/20/2010
Next Scheduled EDR Contact: 01/03/2011
Data Release Frequency: Annually

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Electric Power Transmission Line Data
Source: Rextag Strategies Corp.
Telephone: (281) 769-2247
U.S. Electric Transmission and Power Plants Systems Digital GIS Data

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Child Care Facilities
Source: Department of Human Services
Telephone: 515-281-4357

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2009 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

Scanned Digital USGS 7.5' Topographic Map (DRG)
Source: United States Geologic Survey
A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

FT. DES MOINES
FT. DES MOINES
DES MOINES, IA 50315

TARGET PROPERTY COORDINATES

Latitude (North):	41.51700 - 41° 31' 1.2''
Longitude (West):	93.61 - 93° 36' 36.0''
Universal Tranverse Mercator:	Zone 15
UTM X (Meters):	449099.5
UTM Y (Meters):	4596118.5
Elevation:	880 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	41093-E5 DES MOINES SE, IA
Most Recent Revision:	1976
West Map:	41093-E6 DES MOINES SW, IA
Most Recent Revision:	1976

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

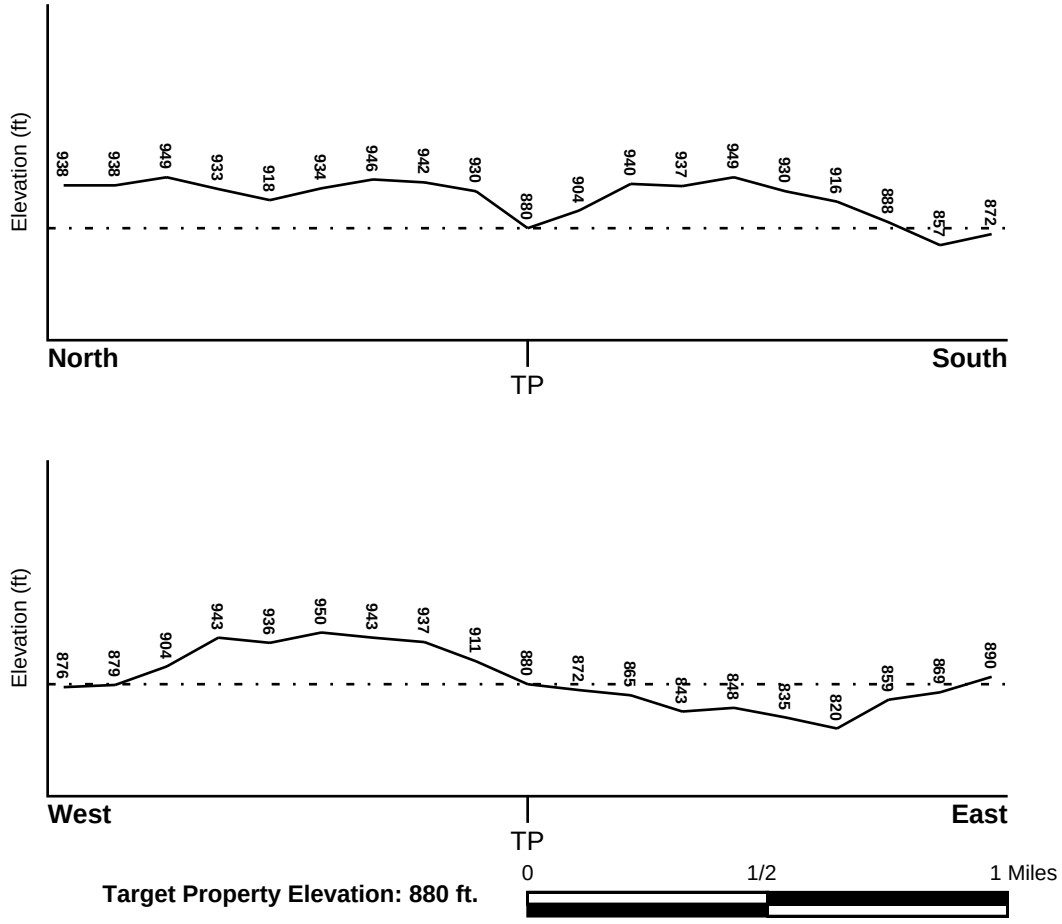
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General East

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Target Property County	FEMA Flood Electronic Data
POLK, IA	YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property:	1909010200C - FEMA Q3 Flood data
Additional Panels in search area:	1902270009E - FEMA Q3 Flood data 1902270011D - FEMA Q3 Flood data 19181C - FEMA DFIRM Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
DES MOINES SE	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

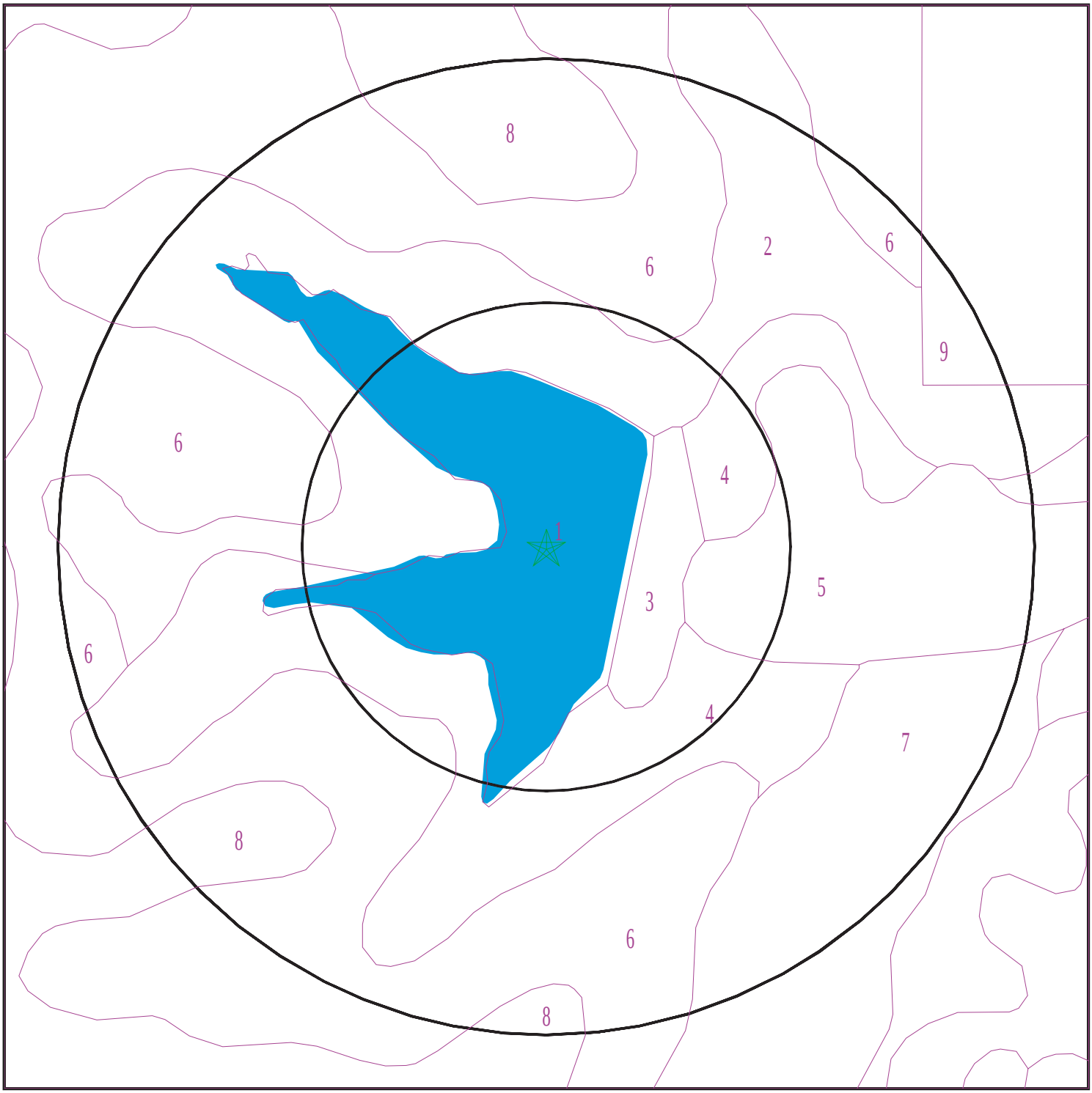
Era:	Paleozoic
System:	Pennsylvanian
Series:	Des Moinesian Series
Code:	PP2 *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratifed Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

SSURGO SOIL MAP - 02888241.14r



Target Property
SSURGO Soil
Water

0 1/16 1/8 1/4 Miles

N

SITE NAME:	Ft. Des Moines	CLIENT:	Shaw Environmental & Infrastructure
ADDRESS:	Ft. Des Moines Des Moines IA 50315	CONTACT:	Matt Mireiter
LAT/LONG:	41.5170 / 93.6100	INQUIRY #:	02888241.14r
		DATE:	October 06, 2010 7:14 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: Water

Soil Surface Texture:
Hydrologic Group: Not reported

Soil Drainage Class:
Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

No Layer Information available.

Soil Map ID: 2

Soil Component Name: Ladoga

Soil Surface Texture: silty clay loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Moderately well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 122 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	7 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 6.5 Min: 5.1
2	7 inches	27 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 6.5 Min: 5.1
3	27 inches	59 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 6.5 Min: 5.1

Soil Map ID: 3

Soil Component Name: Udorthents, loamy

Soil Surface Texture: silty clay loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class:
Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

No Layer Information available.

Soil Map ID: 4

Soil Component Name: Gara

Soil Surface Texture: clay loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	5 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 8.4 Min: 5.6
2	5 inches	40 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 8.4 Min: 5.6
3	40 inches	59 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 8.4 Min: 5.6

Soil Map ID: 5

Soil Component Name: Colo

Soil Surface Texture: silty clay loam

Hydrologic Group: Class B/D - Drained/undrained hydrology class of soils that can be drained and are classified.

Soil Drainage Class: Poorly drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	33 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 7.3 Min: 6.1
2	33 inches	48 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 7.3 Min: 6.1
3	48 inches	59 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 7.3 Min: 6.1

Soil Map ID: 6

Soil Component Name: Ladoga

Soil Surface Texture: silty clay loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Moderately well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 122 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	7 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 6.5 Min: 5.1
2	7 inches	37 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 6.5 Min: 5.1
3	37 inches	59 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 6.5 Min: 5.1

Soil Map ID: 7

Soil Component Name: Gara

Soil Surface Texture: loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	9 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 8.4 Min: 6.6
2	9 inches	46 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 8.4 Min: 6.6
3	46 inches	59 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 8.4 Min: 6.6

Soil Map ID: 8

Soil Component Name: Sharpsburg

Soil Surface Texture: silty clay loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Moderately well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 122 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	18 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 6.5 Min: 6.1
2	18 inches	25 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 6.5 Min: 6.1
3	25 inches	50 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 6.5 Min: 6.1
4	50 inches	59 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 6.5 Min: 6.1

Soil Map ID: 9

Soil Component Name: Urban land

Soil Surface Texture: silty clay loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class:
Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

No Layer Information available.

Soil Map ID: 10

Soil Component Name: Vanmeter

Soil Surface Texture: silt loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Moderately well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 122 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	5 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: 0.42 Min: 0	Max: Min:
2	5 inches	20 inches	silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: 0.42 Min: 0	Max: Min:
3	20 inches	59 inches	weathered bedrock	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: 0.42 Min: 0	Max: Min:

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	3.000
Federal FRDS PWS	Nearest PWS within 2.000 miles
State Database	3.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
AB231	USGS2594604	1 - 2 Miles NNE
245	USGS2594734	1 - 2 Miles SSW
254	USGS2594608	1 - 2 Miles NNE
258	USGS2594607	1 - 2 Miles NNE
283	USGS2594613	1 - 2 Miles North
AJ287	USGS2594615	1 - 2 Miles North
289	USGS2594750	1 - 2 Miles ESE
AR324	USGS2594724	1 - 2 Miles SSW
385	USGS2594616	2 - 3 Miles NW
BY544	USGS2594696	2 - 3 Miles South
629	USGS2594707	2 - 3 Miles SSW

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	IAPU10000057191	1/4 - 1/2 Mile ENE
A2	IAPW10000021433	1/4 - 1/2 Mile WSW
A3	IAPW10000021432	1/4 - 1/2 Mile WSW
A4	IAPU10000056723	1/4 - 1/2 Mile WSW
A5	IAPU10000056702	1/4 - 1/2 Mile WSW
A6	IAPW10000021422	1/4 - 1/2 Mile WSW
A7	IAPW10000021423	1/4 - 1/2 Mile WSW
B8	IAPU10000057444	1/4 - 1/2 Mile WNW
B9	IAPU10000057448	1/4 - 1/2 Mile WNW
B10	IAPU10000057443	1/4 - 1/2 Mile WNW
C11	IAPU10000056843	1/4 - 1/2 Mile West
C12	IAPW10000021477	1/4 - 1/2 Mile West
C13	IAPW10000021476	1/4 - 1/2 Mile West
D14	IAPU10000056399	1/2 - 1 Mile SE
D15	IAPW10000021322	1/2 - 1 Mile SE

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
D16	IAPW10000021321	1/2 - 1 Mile SE
E17	IAPU10000057620	1/2 - 1 Mile WNW
E18	IAPW10000021780	1/2 - 1 Mile WNW
E19	IAPW10000021779	1/2 - 1 Mile WNW
D20	IAPU10000056330	1/2 - 1 Mile SE
F21	IAPW10000021485	1/2 - 1 Mile West
F22	IAPW10000021484	1/2 - 1 Mile West
E23	IAPW10000021816	1/2 - 1 Mile NW
E24	IAPW10000021817	1/2 - 1 Mile NW
F25	IAPU10000056864	1/2 - 1 Mile West
E26	IAPU10000057732	1/2 - 1 Mile NW
27	IAPU10000057849	1/2 - 1 Mile NE
28	IAPU10000058175	1/2 - 1 Mile NNE
E29	IAPW10000021818	1/2 - 1 Mile NW
E30	IAPW10000021819	1/2 - 1 Mile NW
E31	IAPU10000057718	1/2 - 1 Mile WNW
F32	IAPU10000056903	1/2 - 1 Mile West
F33	IAPW10000021504	1/2 - 1 Mile West
F34	IAPW10000021505	1/2 - 1 Mile West
G35	IAPW10000021681	1/2 - 1 Mile WNW
G36	IAPW10000021680	1/2 - 1 Mile WNW
G37	IAPU10000057401	1/2 - 1 Mile WNW
H38	IAPW10000021785	1/2 - 1 Mile WNW
H39	IAPW10000021786	1/2 - 1 Mile WNW
H40	IAPU10000057636	1/2 - 1 Mile WNW
I41	IAPR10000004962	1/2 - 1 Mile NW
J42	IAPW10000022039	1/2 - 1 Mile NNE
J43	IAPW10000022040	1/2 - 1 Mile NNE
J44	IAPW10000022037	1/2 - 1 Mile NNE
J45	IAPW10000022038	1/2 - 1 Mile NNE
I46	IAPU10000057870	1/2 - 1 Mile NW
J47	IAPU10000058342	1/2 - 1 Mile NNE
J48	IAPU10000058347	1/2 - 1 Mile NNE
J49	IAPU10000058345	1/2 - 1 Mile NNE
J50	IAPU10000058340	1/2 - 1 Mile NNE
J51	IAPU10000058344	1/2 - 1 Mile NNE
J52	IAPU10000058350	1/2 - 1 Mile NNE
J53	IAPW10000022055	1/2 - 1 Mile NNE
J54	IAPW10000022059	1/2 - 1 Mile NNE
J55	IAPW10000022060	1/2 - 1 Mile NNE
J56	IAPW10000022057	1/2 - 1 Mile NNE
J57	IAPW10000022058	1/2 - 1 Mile NNE
J58	IAPW10000022056	1/2 - 1 Mile NNE
J59	IAPU10000058352	1/2 - 1 Mile NNE
J60	IAPW10000022054	1/2 - 1 Mile NNE
J61	IAPW10000022053	1/2 - 1 Mile NNE
J62	IAPW10000022052	1/2 - 1 Mile NNE
J63	IAPW10000022049	1/2 - 1 Mile NNE
J64	IAPW10000022050	1/2 - 1 Mile NNE
J65	IAPW10000022051	1/2 - 1 Mile NNE
J66	IAPU10000058349	1/2 - 1 Mile NNE
J67	IAPW10000022044	1/2 - 1 Mile NNE

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
J68	IAPW10000022043	1/2 - 1 Mile NNE
J69	IAPW10000022047	1/2 - 1 Mile NNE
J70	IAPW10000022048	1/2 - 1 Mile NNE
J71	IAPW10000022045	1/2 - 1 Mile NNE
J72	IAPW10000022046	1/2 - 1 Mile NNE
J73	IAPU10000058354	1/2 - 1 Mile NNE
J74	IAPU10000058358	1/2 - 1 Mile NNE
J75	IAPU10000058359	1/2 - 1 Mile NNE
J76	IAPU10000058363	1/2 - 1 Mile NNE
J77	IAPW10000022076	1/2 - 1 Mile NNE
J78	IAPW10000022075	1/2 - 1 Mile NNE
J79	IAPU10000058370	1/2 - 1 Mile NNE
J80	IAPU10000058371	1/2 - 1 Mile NNE
J81	IAPW10000022072	1/2 - 1 Mile NNE
J82	IAPW10000022071	1/2 - 1 Mile NNE
J83	IAPW10000022074	1/2 - 1 Mile NNE
J84	IAPW10000022073	1/2 - 1 Mile NNE
J85	IAPW10000022070	1/2 - 1 Mile NNE
J86	IAPW10000022069	1/2 - 1 Mile NNE
J87	IAPU10000058374	1/2 - 1 Mile NNE
H88	IAPU10000057698	1/2 - 1 Mile WNW
H89	IAPW10000021806	1/2 - 1 Mile WNW
H90	IAPW10000021807	1/2 - 1 Mile WNW
H91	IAPW10000021796	1/2 - 1 Mile WNW
H92	IAPW10000021797	1/2 - 1 Mile WNW
H93	IAPU10000057666	1/2 - 1 Mile WNW
K94	IAPU10000057612	1/2 - 1 Mile WNW
K95	IAPW10000021774	1/2 - 1 Mile WNW
K96	IAPW10000021773	1/2 - 1 Mile WNW
L97	IAPW10000021492	1/2 - 1 Mile West
L98	IAPW10000021491	1/2 - 1 Mile West
M99	IAPW10000021599	1/2 - 1 Mile West
M100	IAPW10000021598	1/2 - 1 Mile West
L101	IAPU10000056880	1/2 - 1 Mile West
N102	IAPW10000021706	1/2 - 1 Mile WNW
N103	IAPW10000021705	1/2 - 1 Mile WNW
N104	IAPU10000057431	1/2 - 1 Mile WNW
N105	IAPU10000057434	1/2 - 1 Mile WNW
N106	IAPW10000021698	1/2 - 1 Mile WNW
N107	IAPW10000021697	1/2 - 1 Mile WNW
K108	IAPU10000057621	1/2 - 1 Mile WNW
M109	IAPU10000057242	1/2 - 1 Mile West
K110	IAPW10000021782	1/2 - 1 Mile WNW
K111	IAPW10000021781	1/2 - 1 Mile WNW
M112	IAPU10000057188	1/2 - 1 Mile West
M113	IAPW10000021580	1/2 - 1 Mile West
M114	IAPW10000021579	1/2 - 1 Mile West
K115	IAPU10000057637	1/2 - 1 Mile WNW
L116	IAPU10000057085	1/2 - 1 Mile West
K117	IAPW10000021783	1/2 - 1 Mile WNW
K118	IAPW10000021784	1/2 - 1 Mile WNW
K119	IAPU10000057697	1/2 - 1 Mile WNW

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
L120	IAPW10000021534	1/2 - 1 Mile West
L121	IAPW10000021533	1/2 - 1 Mile West
O122	IAPU10000056698	1/2 - 1 Mile WSW
K123	IAPW10000021801	1/2 - 1 Mile WNW
K124	IAPW10000021800	1/2 - 1 Mile WNW
O125	IAPW10000021420	1/2 - 1 Mile WSW
O126	IAPW10000021421	1/2 - 1 Mile WSW
K127	IAPW10000021769	1/2 - 1 Mile WNW
K128	IAPW10000021770	1/2 - 1 Mile WNW
K129	IAPU10000057611	1/2 - 1 Mile WNW
K130	IAPW10000021777	1/2 - 1 Mile WNW
K131	IAPW10000021778	1/2 - 1 Mile WNW
K132	IAPU10000057634	1/2 - 1 Mile WNW
P133	IAPU10000056516	1/2 - 1 Mile ESE
P134	IAPU10000056502	1/2 - 1 Mile ESE
P135	IAPU10000056495	1/2 - 1 Mile ESE
P136	IAPU10000056503	1/2 - 1 Mile ESE
P137	IAPU10000056505	1/2 - 1 Mile ESE
P138	IAPU10000056498	1/2 - 1 Mile ESE
Q139	IAPU10000057738	1/2 - 1 Mile WNW
P140	IAPU10000056508	1/2 - 1 Mile ESE
P141	IAPU10000056509	1/2 - 1 Mile ESE
P142	IAPU10000056496	1/2 - 1 Mile ESE
Q143	IAPU10000057746	1/2 - 1 Mile WNW
P144	IAPU10000056512	1/2 - 1 Mile ESE
P145	IAPU10000056506	1/2 - 1 Mile ESE
P146	IAPU10000056513	1/2 - 1 Mile ESE
P147	IAPU10000056488	1/2 - 1 Mile ESE
P148	IAPU10000056491	1/2 - 1 Mile ESE
P149	IAPU10000056489	1/2 - 1 Mile ESE
Q150	IAPU10000057756	1/2 - 1 Mile WNW
P151	IAPU10000056493	1/2 - 1 Mile ESE
P152	IAPU10000056499	1/2 - 1 Mile ESE
Q153	IAPR10000004941	1/2 - 1 Mile WNW
Q154	IAPR10000004942	1/2 - 1 Mile WNW
Q155	IAPR10000004938	1/2 - 1 Mile WNW
Q156	IAPR10000004937	1/2 - 1 Mile WNW
Q157	IAPR10000004940	1/2 - 1 Mile WNW
Q158	IAPR10000004939	1/2 - 1 Mile WNW
P159	IAPU10000056507	1/2 - 1 Mile ESE
Q160	IAPU10000057748	1/2 - 1 Mile WNW
P161	IAPU10000056510	1/2 - 1 Mile ESE
P162	IAPU10000056497	1/2 - 1 Mile ESE
P163	IAPU10000056500	1/2 - 1 Mile ESE
P164	IAPU10000056490	1/2 - 1 Mile ESE
Q165	IAPU10000057759	1/2 - 1 Mile WNW
P166	IAPU10000056487	1/2 - 1 Mile ESE
P167	IAPU10000056481	1/2 - 1 Mile ESE
Q168	IAPU10000057744	1/2 - 1 Mile WNW
R169	IAPU10000055771	1/2 - 1 Mile SSW
R170	IAPU10000055764	1/2 - 1 Mile SSW
Q171	IAPW10000021826	1/2 - 1 Mile WNW

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
Q172	IAPW10000021827	1/2 - 1 Mile WNW
Q173	IAPU10000057776	1/2 - 1 Mile WNW
S174	IAPW10000021508	1/2 - 1 Mile West
S175	IAPW10000021509	1/2 - 1 Mile West
S176	IAPU10000057020	1/2 - 1 Mile West
T177	IAPU10000058339	1/2 - 1 Mile NW
T178	IAPU10000058343	1/2 - 1 Mile NW
T179	IAPU10000058348	1/2 - 1 Mile NW
T180	IAPU10000058353	1/2 - 1 Mile NW
181	IAPU10000056363	1/2 - 1 Mile WSW
T182	IAPW10000022063	1/2 - 1 Mile NW
T183	IAPW10000022065	1/2 - 1 Mile NW
T184	IAPW10000022064	1/2 - 1 Mile NW
T185	IAPW10000022066	1/2 - 1 Mile NW
T186	IAPW10000022062	1/2 - 1 Mile NW
T187	IAPW10000022061	1/2 - 1 Mile NW
T188	IAPW10000022067	1/2 - 1 Mile NW
T189	IAPW10000022068	1/2 - 1 Mile NW
U190	IAPU10000058536	1/2 - 1 Mile NE
U191	IAPW10000022161	1/2 - 1 Mile NE
U192	IAPW10000022160	1/2 - 1 Mile NE
U193	IAPW10000022155	1/2 - 1 Mile NE
U194	IAPW10000022156	1/2 - 1 Mile NE
U195	IAPW10000022159	1/2 - 1 Mile NE
U196	IAPW10000022154	1/2 - 1 Mile NE
U197	IAPW10000022153	1/2 - 1 Mile NE
U198	IAPW10000022157	1/2 - 1 Mile NE
U199	IAPW10000022158	1/2 - 1 Mile NE
U200	IAPW10000022152	1/2 - 1 Mile NE
U201	IAPU10000058544	1/2 - 1 Mile NE
U202	IAPU10000058537	1/2 - 1 Mile NE
U203	IAPU10000058545	1/2 - 1 Mile NE
U204	IAPU10000058546	1/2 - 1 Mile NE
V205	IAPW10000021624	1/2 - 1 Mile West
V206	IAPW10000021625	1/2 - 1 Mile West
V207	IAPU10000057263	1/2 - 1 Mile West
V208	IAPW10000021584	1 - 2 Miles West
V209	IAPW10000021583	1 - 2 Miles West
V210	IAPU10000057214	1 - 2 Miles West
W211	IAPU10000058414	1 - 2 Miles NE
W212	IAPU10000058400	1 - 2 Miles NE
W213	IAPU10000058396	1 - 2 Miles NE
X214	IAPU10000058183	1 - 2 Miles NW
X215	IAPU10000058186	1 - 2 Miles NW
X216	IAPU10000058182	1 - 2 Miles NW
X217	IAPU10000058181	1 - 2 Miles NW
X218	IAPU10000058185	1 - 2 Miles NW
X219	IAPU10000058197	1 - 2 Miles NW
X220	IAPU10000058202	1 - 2 Miles NW
X221	IAPU10000058199	1 - 2 Miles NW
Y222	IAPW10000022031	1 - 2 Miles NW
Y223	IAPW10000022032	1 - 2 Miles NW

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
Y224	IAPU10000058333	1 - 2 Miles NW
Z225	IAPW10000022239	1 - 2 Miles NNE
Z226	IAPW10000022238	1 - 2 Miles NNE
AA227	IAPU10000056342	1 - 2 Miles ESE
AA228	IAPR10000004841	1 - 2 Miles ESE
Z229	IAPU10000058725	1 - 2 Miles NNE
AB230	IAPU10000058713	1 - 2 Miles NNE
232	IAPU10000058925	1 - 2 Miles NNW
233	IAPU10000055590	1 - 2 Miles SW
AC234	IAPU10000055125	1 - 2 Miles SSE
AC235	IAPU10000055123	1 - 2 Miles SSE
AC236	IAPU10000055120	1 - 2 Miles SSE
AC237	IAPU10000055119	1 - 2 Miles SSE
238	IAPU10000055479	1 - 2 Miles SW
AD239	IAPU10000058843	1 - 2 Miles NNE
AD240	IAPW10000022303	1 - 2 Miles NNE
AD241	IAPW10000022304	1 - 2 Miles NNE
AE242	IAPU10000057271	1 - 2 Miles East
AE243	IAPW10000021614	1 - 2 Miles East
AE244	IAPW10000021615	1 - 2 Miles East
246	IAPU10000055051	1 - 2 Miles SSE
247	IAPU10000058958	1 - 2 Miles NNE
248	IAPU10000058889	1 - 2 Miles NE
249	IAPU10000059312	1 - 2 Miles North
AF250	IAPU10000058928	1 - 2 Miles NW
AF251	IAPU10000058924	1 - 2 Miles NW
AF252	IAPU10000058935	1 - 2 Miles NW
253	IAPU10000056193	1 - 2 Miles ESE
AG255	IAPU10000054783	1 - 2 Miles South
AG256	IAPU10000054781	1 - 2 Miles South
257	IAPU10000056319	1 - 2 Miles ESE
AH259	IAPU10000058265	1 - 2 Miles WNW
AH260	IAPU10000058268	1 - 2 Miles WNW
AH261	IAPW10000022002	1 - 2 Miles WNW
AH262	IAPW10000022001	1 - 2 Miles WNW
AH263	IAPW10000021999	1 - 2 Miles WNW
AH264	IAPW10000022000	1 - 2 Miles WNW
AH265	IAPW10000022017	1 - 2 Miles WNW
AH266	IAPW10000022016	1 - 2 Miles WNW
AH267	IAPU10000058311	1 - 2 Miles WNW
AH268	IAPU10000058283	1 - 2 Miles WNW
AH269	IAPW10000021990	1 - 2 Miles WNW
AH270	IAPW10000021989	1 - 2 Miles WNW
AH271	IAPU10000058209	1 - 2 Miles WNW
AH272	IAPU10000058207	1 - 2 Miles WNW
AH273	IAPU10000058195	1 - 2 Miles WNW
AH274	IAPU10000058194	1 - 2 Miles WNW
AH275	IAPU10000058213	1 - 2 Miles WNW
AH276	IAPU10000058208	1 - 2 Miles WNW
AH277	IAPU10000058211	1 - 2 Miles WNW
AH278	IAPU10000058205	1 - 2 Miles WNW
AH279	IAPU10000058227	1 - 2 Miles WNW

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
AH280	IAPU10000058225	1 - 2 Miles WNW
AH281	IAPU10000058226	1 - 2 Miles WNW
AI282	IAPU10000054665	1 - 2 Miles SSE
AI284	IAPR10000004706	1 - 2 Miles SSE
AI285	IAPU10000054649	1 - 2 Miles SSE
AJ286	IAPU10000059598	1 - 2 Miles North
AK288	IAPU10000059214	1 - 2 Miles NNW
AK290	IAPW10000022489	1 - 2 Miles NNW
AK291	IAPW10000022490	1 - 2 Miles NNW
AL292	IAPU10000058445	1 - 2 Miles WNW
AL293	IAPU10000058442	1 - 2 Miles WNW
AL294	IAPU10000058454	1 - 2 Miles WNW
295	IAPU10000059126	1 - 2 Miles NW
AK296	IAPU10000059269	1 - 2 Miles NNW
297	IAPU10000054636	1 - 2 Miles SSE
AM298	IAPU10000059373	1 - 2 Miles NNW
AM299	IAPW10000022552	1 - 2 Miles NNW
AM300	IAPW10000022553	1 - 2 Miles NNW
301	IAPU10000058975	1 - 2 Miles NE
302	IAPU10000058448	1 - 2 Miles WNW
AN303	IAPU10000054478	1 - 2 Miles SSE
AN304	IAPR10000004688	1 - 2 Miles SSE
AN305	IAPU10000054475	1 - 2 Miles SSE
AO306	IAPU10000054702	1 - 2 Miles SSW
AO307	IAPU10000054680	1 - 2 Miles SSW
AO308	IAPR10000004708	1 - 2 Miles SSW
AO309	IAPU10000054683	1 - 2 Miles SSW
310	IAPU10000054572	1 - 2 Miles SSW
311	IAPU10000056321	1 - 2 Miles ESE
AP312	IAPU10000056689	1 - 2 Miles East
AP313	IAPW10000021419	1 - 2 Miles East
AP314	IAPW10000021418	1 - 2 Miles East
AQ315	IAPU10000054306	1 - 2 Miles SSW
AQ316	IAPU10000054309	1 - 2 Miles SSW
AQ317	IAPU10000054302	1 - 2 Miles SSW
AQ318	IAPU10000054301	1 - 2 Miles SSW
AR319	IAPU10000054523	1 - 2 Miles SSW
AR320	IAPW10000020589	1 - 2 Miles SSW
AR321	IAPW10000020590	1 - 2 Miles SSW
AQ322	IAPU10000054294	1 - 2 Miles SSW
323	IAPU10000056187	1 - 2 Miles ESE
AS325	IAPU10000060060	1 - 2 Miles NNW
AS326	IAPR10000005168	1 - 2 Miles NNW
AT327	IAPU10000054313	1 - 2 Miles SSW
AT328	IAPW10000020492	1 - 2 Miles SSW
AT329	IAPW10000020493	1 - 2 Miles SSW
AU330	IAPU10000058304	1 - 2 Miles WNW
AU331	IAPW10000022010	1 - 2 Miles WNW
AU332	IAPW10000022008	1 - 2 Miles WNW
AU333	IAPW10000022009	1 - 2 Miles WNW
AU334	IAPW10000022013	1 - 2 Miles WNW
AU335	IAPW10000022012	1 - 2 Miles WNW

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
AU336	IAPW10000022011	1 - 2 Miles WNW
AU337	IAPU10000058288	1 - 2 Miles WNW
AU338	IAPU10000058291	1 - 2 Miles WNW
339	IAPU10000060103	1 - 2 Miles NNE
340	IAPU10000060122	1 - 2 Miles NNW
341	IAPU10000059766	1 - 2 Miles NW
342	IAPU10000054299	1 - 2 Miles SSW
AV343	IAPU10000060100	1 - 2 Miles NNE
AV344	IAPU10000060101	1 - 2 Miles NNE
AW345	IAPW10000021342	1 - 2 Miles East
AW346	IAPW10000021341	1 - 2 Miles East
AV347	IAPU10000060104	1 - 2 Miles NNE
AX348	IAPU10000054584	1 - 2 Miles SW
AV349	IAPU10000060105	1 - 2 Miles NNE
AW350	IAPU10000056428	1 - 2 Miles East
AV351	IAPU10000060107	1 - 2 Miles NNE
AV352	IAPU10000060116	1 - 2 Miles NNE
AX353	IAPU10000054590	1 - 2 Miles SW
AV354	IAPU10000060113	1 - 2 Miles NNE
AX355	IAPR10000004699	1 - 2 Miles SW
AW356	IAPU10000056455	1 - 2 Miles East
AW357	IAPW10000021349	1 - 2 Miles East
AW358	IAPW10000021350	1 - 2 Miles East
AY359	IAPU10000060127	1 - 2 Miles NNW
360	IAPU10000054327	1 - 2 Miles SSW
AY361	IAPU10000060132	1 - 2 Miles NNW
AY362	IAPU10000060129	1 - 2 Miles NNW
AY363	IAPU10000060139	1 - 2 Miles NNW
AZ364	IAPU10000054184	1 - 2 Miles SSW
AY365	IAPU10000060141	1 - 2 Miles NNW
AY366	IAPU10000060142	1 - 2 Miles NNW
AZ367	IAPU10000054176	1 - 2 Miles SSW
368	IAPU10000055850	2 - 3 Miles ESE
BA369	IAPU10000060349	2 - 3 Miles North
BA370	IAPW10000022896	2 - 3 Miles North
BA371	IAPW10000022897	2 - 3 Miles North
BB372	IAPU10000054082	2 - 3 Miles SSW
BB373	IAPW10000020408	2 - 3 Miles SSW
BB374	IAPW10000020409	2 - 3 Miles SSW
375	IAPU10000055944	2 - 3 Miles ESE
BC376	IAPU10000056444	2 - 3 Miles East
BC377	IAPW10000021347	2 - 3 Miles East
BC378	IAPW10000021348	2 - 3 Miles East
379	IAPU10000053736	2 - 3 Miles South
BD380	IAPU10000057877	2 - 3 Miles West
BD381	IAPU10000057890	2 - 3 Miles WNW
BD382	IAPU10000057876	2 - 3 Miles West
BD383	IAPU10000057879	2 - 3 Miles West
BD384	IAPU10000057885	2 - 3 Miles WNW
BE386	IAPU10000059043	2 - 3 Miles WNW
BE387	IAPU10000059034	2 - 3 Miles WNW
BE388	IAPW10000022400	2 - 3 Miles WNW

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
BE389	IAPW10000022401	2 - 3 Miles WNW
390	IAPU10000059998	2 - 3 Miles NW
BE391	IAPW10000022409	2 - 3 Miles WNW
BE392	IAPW10000022408	2 - 3 Miles WNW
BE393	IAPW10000022399	2 - 3 Miles WNW
BE394	IAPW10000022398	2 - 3 Miles WNW
BE395	IAPW10000022405	2 - 3 Miles WNW
BE396	IAPW10000022404	2 - 3 Miles WNW
BE397	IAPW10000022395	2 - 3 Miles WNW
BE398	IAPW10000022394	2 - 3 Miles WNW
BE399	IAPU10000059042	2 - 3 Miles WNW
BE400	IAPU10000059036	2 - 3 Miles WNW
BE401	IAPU10000059014	2 - 3 Miles WNW
BE402	IAPW10000022385	2 - 3 Miles WNW
BE403	IAPW10000022384	2 - 3 Miles WNW
BE404	IAPU10000059046	2 - 3 Miles WNW
BE405	IAPW10000022402	2 - 3 Miles WNW
BE406	IAPW10000022403	2 - 3 Miles WNW
BE407	IAPU10000059031	2 - 3 Miles WNW
BE408	IAPU10000059048	2 - 3 Miles WNW
BE409	IAPU10000059049	2 - 3 Miles WNW
BE410	IAPW10000022410	2 - 3 Miles WNW
BE411	IAPW10000022411	2 - 3 Miles WNW
BF412	IAPU10000060579	2 - 3 Miles North
BF413	IAPU10000060588	2 - 3 Miles North
BE414	IAPW10000022377	2 - 3 Miles WNW
BE415	IAPW10000022376	2 - 3 Miles WNW
BF416	IAPW10000022974	2 - 3 Miles North
BF417	IAPW10000022973	2 - 3 Miles North
BF418	IAPW10000022984	2 - 3 Miles North
BF419	IAPW10000022983	2 - 3 Miles North
BE420	IAPU10000058980	2 - 3 Miles WNW
BF421	IAPW10000022985	2 - 3 Miles North
BF422	IAPW10000022986	2 - 3 Miles North
BF423	IAPU10000060610	2 - 3 Miles North
BE424	IAPU10000059040	2 - 3 Miles WNW
BG425	IAPW10000021883	2 - 3 Miles ENE
BG426	IAPW10000021884	2 - 3 Miles ENE
BE427	IAPW10000022396	2 - 3 Miles WNW
BE428	IAPW10000022397	2 - 3 Miles WNW
BG429	IAPU10000057951	2 - 3 Miles ENE
BF430	IAPU10000060627	2 - 3 Miles North
BF431	IAPW10000023012	2 - 3 Miles North
BF432	IAPW10000023011	2 - 3 Miles North
BH433	IAPU10000058735	2 - 3 Miles ENE
BH434	IAPW10000022249	2 - 3 Miles ENE
BH435	IAPW10000022248	2 - 3 Miles ENE
BI436	IAPW10000022997	2 - 3 Miles North
BI437	IAPW10000022998	2 - 3 Miles North
BI438	IAPU10000060630	2 - 3 Miles North
BI439	IAPW10000023016	2 - 3 Miles North
BI440	IAPW10000023015	2 - 3 Miles North

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
BI441	IAPU10000060634	2 - 3 Miles North
BJ442	IAPU10000059210	2 - 3 Miles NW
BJ443	IAPW10000022485	2 - 3 Miles NW
BJ444	IAPW10000022486	2 - 3 Miles NW
BK445	IAPU10000055847	2 - 3 Miles ESE
BJ446	IAPU10000059240	2 - 3 Miles NW
BK447	IAPU10000055836	2 - 3 Miles ESE
BJ448	IAPU10000059285	2 - 3 Miles NW
BJ449	IAPU10000059241	2 - 3 Miles NW
BJ450	IAPW10000022524	2 - 3 Miles NW
BJ451	IAPW10000022523	2 - 3 Miles NW
BJ452	IAPU10000059239	2 - 3 Miles NW
BJ453	IAPW10000022507	2 - 3 Miles NW
BJ454	IAPW10000022506	2 - 3 Miles NW
BJ455	IAPW10000022505	2 - 3 Miles NW
BJ456	IAPW10000022510	2 - 3 Miles NW
BJ457	IAPW10000022509	2 - 3 Miles NW
BJ458	IAPW10000022508	2 - 3 Miles NW
459	IAPU10000060695	2 - 3 Miles North
BJ460	IAPU10000059263	2 - 3 Miles NW
BJ461	IAPW10000022521	2 - 3 Miles NW
BJ462	IAPW10000022522	2 - 3 Miles NW
BJ463	IAPW10000022527	2 - 3 Miles NW
BJ464	IAPW10000022528	2 - 3 Miles NW
BJ465	IAPW10000022516	2 - 3 Miles NW
BJ466	IAPW10000022515	2 - 3 Miles NW
BJ467	IAPU10000059270	2 - 3 Miles NW
BJ468	IAPU10000059283	2 - 3 Miles NW
BL469	IAPU10000058287	2 - 3 Miles WNW
470	IAPU10000060665	2 - 3 Miles NNE
BL471	IAPW10000022005	2 - 3 Miles WNW
BL472	IAPW10000022007	2 - 3 Miles WNW
BL473	IAPW10000022004	2 - 3 Miles WNW
BL474	IAPW10000022006	2 - 3 Miles WNW
BL475	IAPU10000058294	2 - 3 Miles WNW
476	IAPU10000055370	2 - 3 Miles ESE
477	IAPU10000055078	2 - 3 Miles WSW
BM478	IAPU10000054414	2 - 3 Miles SW
BM479	IAPU10000054415	2 - 3 Miles SW
BM480	IAPR10000004677	2 - 3 Miles SW
481	IAPU10000058204	2 - 3 Miles WNW
482	IAPU10000055474	2 - 3 Miles ESE
BN483	IAPW10000020562	2 - 3 Miles SW
BN484	IAPW10000020561	2 - 3 Miles SW
BN485	IAPU10000054483	2 - 3 Miles SW
486	IAPU10000060688	2 - 3 Miles NNW
BO487	IAPU10000060505	2 - 3 Miles NNW
BO488	IAPU10000060507	2 - 3 Miles NNW
BO489	IAPU10000060512	2 - 3 Miles NNW
BP490	IAPU10000059969	2 - 3 Miles NW
BP491	IAPU10000059979	2 - 3 Miles NW
BP492	IAPU10000059978	2 - 3 Miles NW

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
BP493	IAPU10000059977	2 - 3 Miles NW
BP494	IAPU10000059968	2 - 3 Miles NW
BP495	IAPU10000059970	2 - 3 Miles NW
BP496	IAPU10000059975	2 - 3 Miles NW
BP497	IAPU10000059997	2 - 3 Miles NW
BP498	IAPU10000059981	2 - 3 Miles NW
BP499	IAPU10000059988	2 - 3 Miles NW
BP500	IAPU10000059972	2 - 3 Miles NW
BP501	IAPU10000059986	2 - 3 Miles NW
BP502	IAPU10000059984	2 - 3 Miles NW
BP503	IAPU10000059974	2 - 3 Miles NW
BP504	IAPU10000059996	2 - 3 Miles NW
BP505	IAPU10000059983	2 - 3 Miles NW
BP506	IAPU10000059987	2 - 3 Miles NW
BP507	IAPU10000060001	2 - 3 Miles NW
BP508	IAPU10000060005	2 - 3 Miles NW
BP509	IAPU10000060000	2 - 3 Miles NW
BQ510	IAPR10000004815	2 - 3 Miles ESE
BQ511	IAPU10000055931	2 - 3 Miles ESE
BR512	IAPU10000053547	2 - 3 Miles SSW
BR513	IAPU10000053545	2 - 3 Miles SSW
BS514	IAPR10000004773	2 - 3 Miles ESE
BS515	IAPU10000055473	2 - 3 Miles ESE
BT516	IAPU10000061228	2 - 3 Miles NNE
BT517	IAPW10000023274	2 - 3 Miles NNE
BT518	IAPW10000023275	2 - 3 Miles NNE
BU519	IAPU10000053113	2 - 3 Miles SSE
BU520	IAPU10000053108	2 - 3 Miles SSE
BU521	IAPU10000053105	2 - 3 Miles SSE
BV522	IAPU10000060226	2 - 3 Miles NW
BW523	IAPU10000061319	2 - 3 Miles NNE
BV524	IAPW10000022853	2 - 3 Miles NW
BV525	IAPW10000022854	2 - 3 Miles NW
BW526	IAPU10000061324	2 - 3 Miles NNE
BW527	IAPU10000061330	2 - 3 Miles NNE
BX528	IAPU10000054814	2 - 3 Miles WSW
BV529	IAPW10000022850	2 - 3 Miles NW
BV530	IAPW10000022849	2 - 3 Miles NW
BW531	IAPU10000061334	2 - 3 Miles NNE
BW532	IAPU10000061339	2 - 3 Miles NNE
BW533	IAPU10000061342	2 - 3 Miles NNE
BW534	IAPU10000061343	2 - 3 Miles NNE
BX535	IAPU10000054810	2 - 3 Miles WSW
BW536	IAPU10000061345	2 - 3 Miles NNE
BV537	IAPU10000060241	2 - 3 Miles NW
BV538	IAPW10000022861	2 - 3 Miles NW
BV539	IAPW10000022862	2 - 3 Miles NW
BV540	IAPU10000060245	2 - 3 Miles NW
541	IAPU10000055737	2 - 3 Miles ESE
542	IAPU10000055884	2 - 3 Miles WSW
BY543	IAPU10000052770	2 - 3 Miles South
545	IAPU10000055365	2 - 3 Miles ESE

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
BZ546	IAPW10000023168	2 - 3 Miles NNE
BZ547	IAPW10000023169	2 - 3 Miles NNE
BZ548	IAPU10000060934	2 - 3 Miles NNE
CA549	IAPU10000060766	2 - 3 Miles NW
CA550	IAPW10000023078	2 - 3 Miles NW
CA551	IAPW10000023077	2 - 3 Miles NW
CA552	IAPU10000060760	2 - 3 Miles NW
553	IAPU10000056109	2 - 3 Miles West
CA554	IAPW10000023100	2 - 3 Miles NW
CA555	IAPW10000023101	2 - 3 Miles NW
CA556	IAPU10000060759	2 - 3 Miles NW
CA557	IAPW10000023097	2 - 3 Miles NW
CA558	IAPW10000023096	2 - 3 Miles NW
BZ559	IAPU10000060962	2 - 3 Miles NNE
CB560	IAPW10000023337	2 - 3 Miles NNE
CB561	IAPW10000023335	2 - 3 Miles NNE
CB562	IAPW10000023336	2 - 3 Miles NNE
CB563	IAPW10000023334	2 - 3 Miles NNE
564	IAPU10000052705	2 - 3 Miles SSE
CA565	IAPW10000023092	2 - 3 Miles NW
CA566	IAPW10000023093	2 - 3 Miles NW
CB567	IAPU10000061409	2 - 3 Miles NNE
CA568	IAPW10000023089	2 - 3 Miles NW
CA569	IAPW10000023088	2 - 3 Miles NW
CB570	IAPU10000061412	2 - 3 Miles NNE
CA571	IAPU10000060772	2 - 3 Miles NW
CA572	IAPU10000060774	2 - 3 Miles NW
CA573	IAPW10000023080	2 - 3 Miles NW
CA574	IAPW10000023079	2 - 3 Miles NW
CA575	IAPU10000060769	2 - 3 Miles NW
CA576	IAPW10000023102	2 - 3 Miles NW
CA577	IAPW10000023103	2 - 3 Miles NW
CA578	IAPU10000060770	2 - 3 Miles NW
CA579	IAPU10000060761	2 - 3 Miles NW
CA580	IAPU10000060762	2 - 3 Miles NW
CA581	IAPW10000023098	2 - 3 Miles NW
CA582	IAPW10000023099	2 - 3 Miles NW
CA583	IAPW10000023095	2 - 3 Miles NW
CA584	IAPW10000023094	2 - 3 Miles NW
CA585	IAPU10000060767	2 - 3 Miles NW
CA586	IAPW10000023090	2 - 3 Miles NW
CA587	IAPW10000023091	2 - 3 Miles NW
CC588	IAPW10000020083	2 - 3 Miles SSW
CC589	IAPW10000020084	2 - 3 Miles SSW
CC590	IAPU10000053333	2 - 3 Miles SSW
CA591	IAPU10000060771	2 - 3 Miles NW
CA592	IAPW10000023082	2 - 3 Miles NW
CA593	IAPW10000023081	2 - 3 Miles NW
CD594	IAPU10000060612	2 - 3 Miles NW
CD595	IAPW10000022989	2 - 3 Miles NW
CD596	IAPW10000022990	2 - 3 Miles NW
CD597	IAPW10000022991	2 - 3 Miles NW

STATE DATABASE WELL INFORMATION

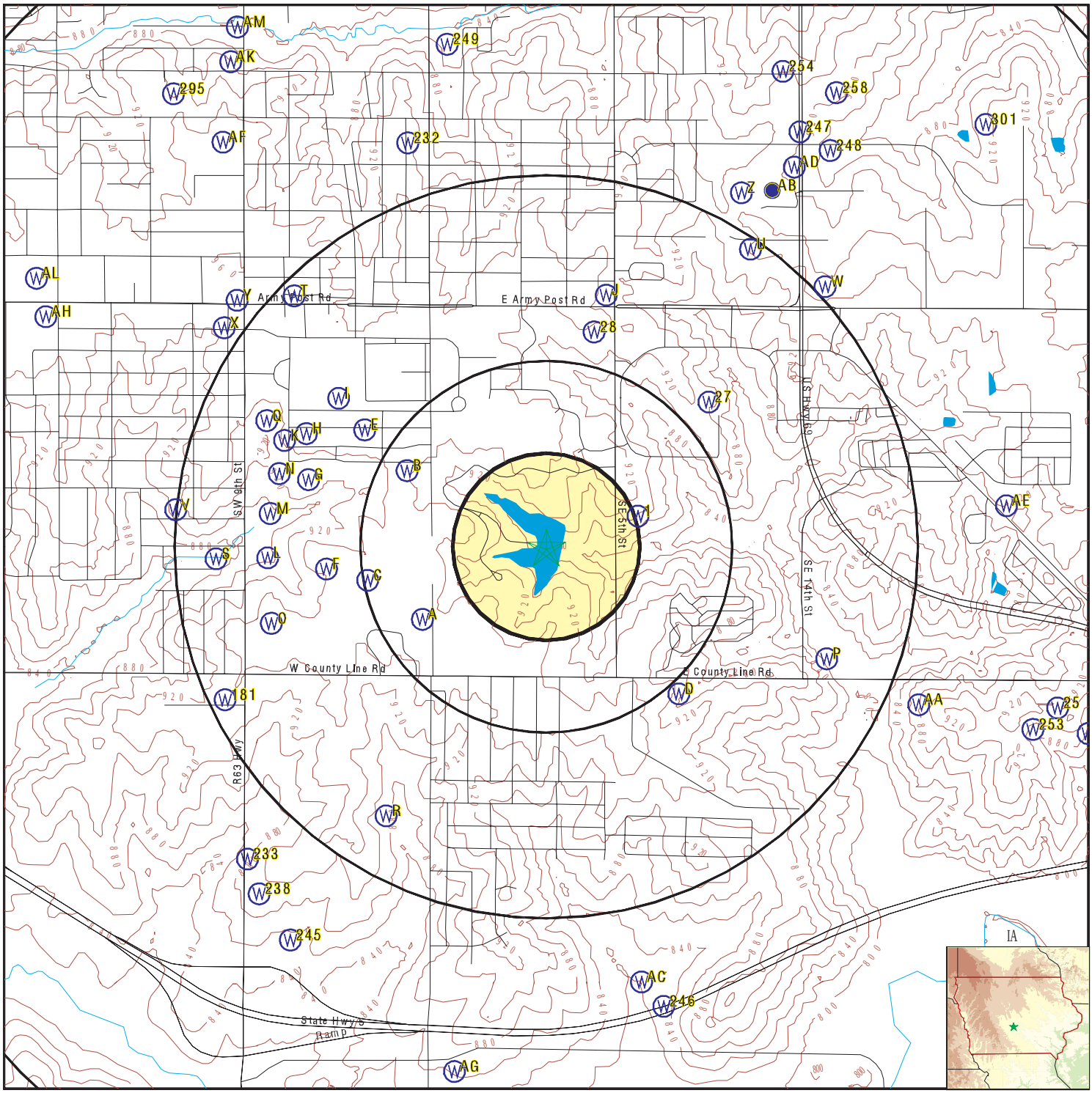
MAP ID	WELL ID	LOCATION FROM TP
CD598	IAPW10000022992	2 - 3 Miles NW
CD599	IAPW10000022993	2 - 3 Miles NW
CD600	IAPW10000022994	2 - 3 Miles NW
CD601	IAPU10000060617	2 - 3 Miles NW
CD602	IAPW10000023003	2 - 3 Miles NW
CD603	IAPW10000023004	2 - 3 Miles NW
CE604	IAPU10000058896	2 - 3 Miles ENE
CD605	IAPU10000060633	2 - 3 Miles NW
CE606	IAPU10000058894	2 - 3 Miles ENE
CD607	IAPU10000060626	2 - 3 Miles NW
CD608	IAPU10000060623	2 - 3 Miles NW
CD609	IAPW10000022995	2 - 3 Miles NW
CD610	IAPW10000022996	2 - 3 Miles NW
CE611	IAPU10000058897	2 - 3 Miles ENE
CB612	IAPU10000061468	2 - 3 Miles NNE
CB613	IAPW10000023352	2 - 3 Miles NNE
CB614	IAPW10000023351	2 - 3 Miles NNE
CD615	IAPW10000023010	2 - 3 Miles NW
CD616	IAPW10000023009	2 - 3 Miles NW
CD617	IAPU10000060637	2 - 3 Miles NW
CD618	IAPW10000023019	2 - 3 Miles NW
CD619	IAPW10000023020	2 - 3 Miles NW
CD620	IAPU10000060649	2 - 3 Miles NW
CC621	IAPU10000053247	2 - 3 Miles SSW
CF622	IAPU10000059618	2 - 3 Miles WNW
CF623	IAPU10000059626	2 - 3 Miles WNW
CF624	IAPU10000059622	2 - 3 Miles WNW
CF625	IAPU10000059616	2 - 3 Miles WNW
CF626	IAPU10000059617	2 - 3 Miles WNW
CF627	IAPU10000059625	2 - 3 Miles WNW
CF628	IAPU10000059623	2 - 3 Miles WNW
CF630	IAPU10000059629	2 - 3 Miles WNW
CF631	IAPU10000059634	2 - 3 Miles WNW
CF632	IAPU10000059635	2 - 3 Miles WNW
633	IAPU10000059523	2 - 3 Miles WNW
CG634	IAPU10000061877	2 - 3 Miles North
CG635	IAPW10000023511	2 - 3 Miles North
CG636	IAPW10000023512	2 - 3 Miles North
CH637	IAPU10000059967	2 - 3 Miles NW
CH638	IAPU10000059959	2 - 3 Miles NW
CH639	IAPU10000059963	2 - 3 Miles NW
CH640	IAPU10000059993	2 - 3 Miles NW
CH641	IAPU10000059995	2 - 3 Miles NW
642	IAPU10000052580	2 - 3 Miles SSE
CI643	IAPU10000059744	2 - 3 Miles WNW
CI644	IAPU10000059755	2 - 3 Miles WNW
CI645	IAPU10000059725	2 - 3 Miles WNW
CI646	IAPU10000059737	2 - 3 Miles WNW
CI647	IAPU10000059732	2 - 3 Miles WNW
CI648	IAPU10000059754	2 - 3 Miles WNW
CJ649	IAPU10000052730	2 - 3 Miles SSW
CJ650	IAPR10000004520	2 - 3 Miles SSW

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
CK651	IAPU10000054774	2 - 3 Miles WSW
CL652	IAPR10000004984	2 - 3 Miles West
CK653	IAPU10000054772	2 - 3 Miles WSW
CL654	IAPU10000058109	2 - 3 Miles West
CK655	IAPU10000054766	2 - 3 Miles WSW
CK656	IAPU10000054779	2 - 3 Miles WSW

PHYSICAL SETTING SOURCE MAP - 02888241.14r



County Boundary
Major Roads
Contour Lines
Earthquake epicenter, Richter 5 or greater
Water Wells
Public Water Supply Wells
Cluster of Multiple Icons

Groundwater Flow Direction
GI Indeterminate Groundwater Flow at Location
GV Groundwater Flow Varies at Location

SITE NAME:	Ft. Des Moines	CLIENT:	Shaw Environmental & Infrastructure
ADDRESS:	Ft. Des Moines Des Moines IA 50315	CONTACT:	Matt Mireiter
LAT/LONG:	41.5170 / 93.6100	INQUIRY #:	02888241.14r
		DATE:	October 06, 2010 7:14 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

1
ENE
1/4 - 1/2 Mile
Higher

IA WELLS **IAPU10000057191**

Mapid:	238073		
Wellid:	34902	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 34, SE, NW, NW
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 140m.
Depth:	35	C p date:	n.a.
Owner name:	Fox, Juanita		
Other info:	Well plugged: 8/19/1998; Well type: > 18" dia.		
Xcoord:	449499.34		
Ycoord:	4596461.5		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000057191

A2
WSW
1/4 - 1/2 Mile
Higher

IA WELLS **IAPW10000021433**

Wellnmbr:	2097985	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	33
Qqqqq:	SE SE NE SE SE	Elev:	0
Elev acc:	Not Reported	Well depth:	21
Br depth:	-99	Wtr depth:	8
Latn:	41.5143		
Longn:	-93.6162		
Dte done:	01/01/1991	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	unknown		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	448581.43		
Ycoord:	4596035.07		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000021433

A3
WSW
1/4 - 1/2 Mile
Higher

IA WELLS **IAPW10000021432**

Wellnmbr:	2097985	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	33
Qqqqq:	SE SE NE SE SE	Elev:	0
Elev acc:	Not Reported	Well depth:	21
Br depth:	-99	Wtr depth:	8
Latn:	41.5143		
Longn:	-93.6162		
Dte done:	01/01/1991	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	unknown		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	448581.43		
Ycoord:	4596035.07		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000021432

A4
WSW
1/4 - 1/2 Mile
Higher

IA WELLS **IAPU10000056723**

Mapid:	238520		
Wellid:	2097985	Id src fld:	wellnmbr
Datasrc:	PWTS	Location:	T. 78 N., R. 24 W., Sec. 33, SE SE NE SE SE
Well type:	Private well tracking system	Est loc ac:	nom. +/- 25m.
Depth:	21	C p date:	1/01/1991
Owner name:	Unknown		
Other info:	Status: Plugged Use: Monitoring		
Xcoord:	448574.43		
Ycoord:	4596040		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000056723

A5
WSW
1/4 - 1/2 Mile
Higher

IA WELLS **IAPU10000056702**

Mapid:	238552		
Wellid:	2097984	Id src fld:	wellnmbr
Datasrc:	PWTS	Location:	T. 78 N., R. 24 W., Sec. 33, SE SE NE SE SW
Well type:	Private well tracking system	Est loc ac:	nom. +/- 25m.
Depth:	22	C p date:	1/01/1991
Owner name:	Unknown		
Other info:	Status: Plugged Use: Monitoring		
Xcoord:	448544.82		
Ycoord:	4596008		
Hlink:	Not Reported		

Disperse:	1	Site id:	IAPU10000056702

A6
WSW
1/4 - 1/2 Mile
Higher

IA WELLS **IAPW10000021422**

Wellnmbr:	2097984	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	33
Qqqqq:	SE SE NE SE SW	Elev:	0
Elev acc:	Not Reported	Well depth:	22
Br depth:	-99	Wtr depth:	11
Latn:	41.514		
Longn:	-93.6166		
Dte done:	01/01/1991	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	unknown		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	448547.82		
Ycoord:	4596002		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000021422

A7
WSW
1/4 - 1/2 Mile
Higher

IA WELLS **IAPW10000021423**

Wellnmbr:	2097984	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	33
Qqqqq:	SE SE NE SE SW	Elev:	0
Elev acc:	Not Reported	Well depth:	22
Br depth:	-99	Wtr depth:	11
Latn:	41.514		
Longn:	-93.6166		
Dte done:	01/01/1991	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	unknown		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	448547.82		

Ycoord:	4596002		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000021423

B8
WNW
1/4 - 1/2 Mile
Higher

IA WELLS **IAPU10000057444**

Mapid:	237811		
Wellid:	16245	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 33, NE, SE, SE
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 140m.
Depth:	16	C p date:	n.a.
Owner name:	Dept Of Army, 88 Us Army Reserve		
Other info:	Well plugged: 3/7/1994; Well type: < 18" dia.		
Xcoord:	448503.44		
Ycoord:	4596664.5		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000057444

B9
WNW
1/4 - 1/2 Mile
Higher

IA WELLS **IAPU10000057448**

Mapid:	237809		
Wellid:	16247	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 33, NE, SE, SE
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 140m.
Depth:	17	C p date:	n.a.
Owner name:	Dept Of Army, 88 Us Army Reserve		
Other info:	Well plugged: 3/7/1994; Well type: < 18" dia.		
Xcoord:	448500.44		
Ycoord:	4596666.5		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000057448

B10
WNW
1/4 - 1/2 Mile
Higher

IA WELLS **IAPU10000057443**

Mapid:	237813		
Wellid:	16246	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 33, NE, SE, SE
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 140m.
Depth:	17	C p date:	n.a.
Owner name:	Dept Of Army, 88 Us Army Reserve		
Other info:	Well plugged: 3/7/1994; Well type: < 18" dia.		
Xcoord:	448498.44		
Ycoord:	4596663.5		
Hlink:	Not Reported		

Disperse:	1	Site id:	IAPU10000057443

C11
West
1/4 - 1/2 Mile
Higher

IA WELLS **IAPU10000056843**

Mapid:	238310		
Wellid:	2097866	Id src fld:	wellnmbr
Datasrc:	PWTS	Location:	T. 78 N., R. 24 W., Sec. 33, SE NE SW SE SW
Well type:	Private well tracking system	Est loc ac:	nom. +/- 25m.
Depth:	25	C p date:	1/01/1990
Owner name:	Unknown		
Other info:	Status: Plugged Use: Monitoring		
Xcoord:	448332.87		
Ycoord:	4596189.3		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000056843

C12
West
1/4 - 1/2 Mile
Higher

IA WELLS **IAPW10000021477**

Wellnmbr:	2097866	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	33
Qqqqq:	SE NE SW SE SW	Elev:	0
Elev acc:	Not Reported	Well depth:	25
Br depth:	-99	Wtr depth:	13
Latn:	41.5157		
Longn:	-93.6193		
Dte done:	01/01/1990	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	unknown		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	448323.87		
Ycoord:	4596192.34		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000021477

C13
West
1/4 - 1/2 Mile
Higher

IA WELLS **IAPW10000021476**

Wellnmbr:	2097866	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	33
Qqqqq:	SE NE SW SE SW	Elev:	0
Elev acc:	Not Reported	Well depth:	25
Br depth:	-99	Wtr depth:	13
Latn:	41.5157		
Longn:	-93.6193		
Dte done:	01/01/1990	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	unknown		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	448323.87		
Ycoord:	4596192.34		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000021476

D14
SE
1/2 - 1 Mile
Higher

IA WELLS **IAPU10000056399**

Mapid:	238946		
Wellid:	2112676	Id src fld:	wellnmbr
Datasrc:	PWTS	Location:	T. 77 N., R. 24 W., Sec. 3, NE NW NE NW NE
Well type:	Private well tracking system	Est loc ac:	nom. +/- 25m.
Depth:	200	C p date:	10/03/2005
Owner name:	Johnson, Sharon		
Other info:	Status: Active Use: Heat pump		
Xcoord:	449657.63		
Ycoord:	4595708.5		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000056399

D15
SE
1/2 - 1 Mile
Higher

IA WELLS **IAPW10000021322**

Wellnmbr:	2112676	Pmtnmbr:	20612
Twp:	77	Rge:	24
Ew:	W	Sec:	3
Qqqqq:	NE NW NE NW NE	Elev:	0
Elev acc:	Not Reported	Well depth:	200
Br depth:	-99	Wtr depth:	-99
Latn:	41.5114		
Longn:	-93.6033		
Dte done:	10/03/2005	Cty num:	0
County:	Warren		

Drlr name:	Deemer, Scott		
Drlr cmpy:	Morrell Heating & Cooling		
Owner name:	Johnson, Sharon		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Heat pump	Status:	Active
Ht pmp no:	6	Permit:	X
Plugging:	Not Reported	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	449655.63		
Ycoord:	4595705.51		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000021322

D16
SE
1/2 - 1 Mile
Higher

IA WELLS **IAPW10000021321**

Wellnmbr:	2112676	Pmtnmbr:	20612
Twp:	77	Rge:	24
Ew:	W	Sec:	3
Qqqqq:	NE NW NE NW NE	Elev:	0
Elev acc:	Not Reported	Well depth:	200
Br depth:	-99	Wtr depth:	-99
Latn:	41.5114		
Longn:	-93.6033		
Dte done:	10/03/2005	Cty num:	0
County:	Warren		
Drlr name:	Deemer, Scott		
Drlr cmpy:	Morrell Heating & Cooling		
Owner name:	Johnson, Sharon		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Heat pump	Status:	Active
Ht pmp no:	6	Permit:	X
Plugging:	Not Reported	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	449655.63		
Ycoord:	4595705.51		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000021321

E17
WNW
1/2 - 1 Mile
Higher

IA WELLS **IAPU10000057620**

Mapid:	237659		
Wellid:	2098064	Id src fld:	wellnmbr
Datasrc:	PWTS	Location:	T. 78 N., R. 24 W., Sec. 33, NE SE NW SE SW
Well type:	Private well tracking system	Est loc ac:	nom. +/- 25m.
Depth:	22	C p date:	1/01/1992
Owner name:	Unknown		
Other info:	Status: Plugged Use: Monitoring		
Xcoord:	448312.48		
Ycoord:	4596783.9		
Hlink:	Not Reported		

Disperse:	1	Site id:	IAPU10000057620

E18
WNW
1/2 - 1 Mile
Higher

IA WELLS **IAPW10000021780**

Wellnmbr:	2098064	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	33
Qqqqq:	NE SE NW SE SW	Elev:	0
Elev acc:	Not Reported	Well depth:	22
Br depth:	-99	Wtr depth:	9
Latn:	41.5211		
Longn:	-93.6195		
Dte done:	01/01/1992	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	unknown		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	448311.48		
Ycoord:	4596791.97		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000021780

E19
WNW
1/2 - 1 Mile
Higher

IA WELLS **IAPW10000021779**

Wellnmbr:	2098064	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	33
Qqqqq:	NE SE NW SE SW	Elev:	0
Elev acc:	Not Reported	Well depth:	22
Br depth:	-99	Wtr depth:	9
Latn:	41.5211		
Longn:	-93.6195		
Dte done:	01/01/1992	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	unknown		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	448311.48		

Ycoord:	4596791.97		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000021779

D20
SE
1/2 - 1 Mile
Higher

IA WELLS **IAPU10000056330**

Mapid:	238996		
Wellid:	60883	Id src fld:	wnumber
Datasrc:	GEOU	Location:	T. 77 N., R. 24 W., Sec. 3, NE, NW, NE
Well type:	IGS well database	Est loc ac:	Calc. +/- 140m.
Depth:	200	C p date:	10/03/2005
Owner name:	Johnson, Sharon		
Other info:	Bedrock depth 115 ft.		
Xcoord:	449715.63		
Ycoord:	4595639.2		
Hlink:	http://gsbdata.igsb.uiowa.edu/geosam/Scripts/geocard.asp?wnumber=60883		
Disperse:	1	Site id:	IAPU10000056330

F21
West
1/2 - 1 Mile
Higher

IA WELLS **IAPW10000021485**

Wellnmbr:	2097864	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	33
Qqqqq:	SE NW SE SE SE	Elev:	0
Elev acc:	Not Reported	Well depth:	30
Br depth:	-99	Wtr depth:	19
Latn:	41.5159		
Longn:	-93.6211		
Dte done:	01/01/1990	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	unknown		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	448173.83		
Ycoord:	4596215.62		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000021485

F22
West
1/2 - 1 Mile
Higher

IA WELLS **IAPW10000021484**

Wellnmbr:	2097864	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	33
Qqqqq:	SE NW SE SE SE	Elev:	0
Elev acc:	Not Reported	Well depth:	30
Br depth:	-99	Wtr depth:	19
Latn:	41.5159		
Longn:	-93.6211		
Dte done:	01/01/1990	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	unknown		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	448173.83		
Ycoord:	4596215.62		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000021484

E23
NW
1/2 - 1 Mile
Higher

IA WELLS **IAPW10000021816**

Wellnmbr:	2098056	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	33
Qqqqq:	NE SE NW SE NW	Elev:	0
Elev acc:	Not Reported	Well depth:	49
Br depth:	-99	Wtr depth:	21
Latn:	41.5218		
Longn:	-93.6192		
Dte done:	01/01/1992	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	unknown		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	448337.06		
Ycoord:	4596869.51		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000021816

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

E24
NW
1/2 - 1 Mile
Higher

IA WELLS **IAPW10000021817**

Wellnmbr:	2098056	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	33
Qqqqq:	NE SE NW SE NW	Elev:	0
Elev acc:	Not Reported	Well depth:	49
Br depth:	-99	Wtr depth:	21
Latn:	41.5218		
Longn:	-93.6192		
Dte done:	01/01/1992	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	unknown		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	448337.06		
Ycoord:	4596869.51		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000021817

F25
West
1/2 - 1 Mile
Higher

IA WELLS **IAPU10000056864**

Mapid:	238284		
Wellid:	2097864	Id src fld:	wellnmbr
Datasrc:	PWTS	Location:	T. 78 N., R. 24 W., Sec. 33, SE NW SE SE SE
Well type:	Private well tracking system	Est loc ac:	nom. +/- 25m.
Depth:	30	C p date:	1/01/1990
Owner name:	Unknown		
Other info:	Status: Plugged Use: Monitoring		
Xcoord:	448171.83		
Ycoord:	4596210.6		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000056864

E26
NW
1/2 - 1 Mile
Higher

IA WELLS **IAPU10000057732**

Mapid:	237544		
Wellid:	2098056	Id src fld:	wellnmbr
Datasrc:	PWTS	Location:	T. 78 N., R. 24 W., Sec. 33, NE SE NW SE NW
Well type:	Private well tracking system	Est loc ac:	nom. +/- 25m.
Depth:	49	C p date:	1/01/1992
Owner name:	Unknown		
Other info:	Status: Plugged Use: Monitoring		
Xcoord:	448330.06		
Ycoord:	4596871.5		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000057732

27
NE **IA WELLS** **IAPU10000057849**
1/2 - 1 Mile
Higher

Mapid:	237420		
Wellid:	18837	Id src fld:	wnumber
Datasrc:	GEOU	Location:	T. 78 N., R. 24 W., Sec. 34, NE
Well type:	IGS well database	Est loc ac:	Calc. +/- 570m.
Depth:	505	C p date:	8/02/1966
Owner name:	Se Polk Community Sch. Dist.		
Other info:	Bedrock depth 65 ft.		
Xcoord:	449809.5		
Ycoord:	4596952.7		
Hlink:	http://gsbdata.igsb.uiowa.edu/geosam/Scripts/geocard.asp?wnumber=18837		
Disperse:	1	Site id:	IAPU10000057849

28
NNE **IA WELLS** **IAPU10000058175**
1/2 - 1 Mile
Higher

Mapid:	237133		
Wellid:	16367	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 34, NW, NE, NE
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 140m.
Depth:	18	C p date:	n.a.
Owner name:	88th Us Army Reserve, Dept. Of Army		
Other info:	Well plugged: 11/5/1993; Well type: < 18" dia.		
Xcoord:	449314.84		
Ycoord:	4597260		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000058175

E29
NW **IA WELLS** **IAPW10000021818**
1/2 - 1 Mile
Higher

Wellnmbr:	2098047	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	33
Qqqqq:	NE SE NW SE NW	Elev:	0
Elev acc:	Not Reported	Well depth:	22
Br depth:	-99	Wtr depth:	16
Latn:	41.5218		
Longn:	-93.6195		
Dte done:	01/01/1991	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	unknown		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	448312.03		
Ycoord:	4596869.69		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000021818

E30
NW
1/2 - 1 Mile
Higher

IA WELLS **IAPW10000021819**

Wellnmbr:	2098047	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	33
Qqqqq:	NE SE NW SE NW	Elev:	0
Elev acc:	Not Reported	Well depth:	22
Br depth:	-99	Wtr depth:	16
Latn:	41.5218		
Longn:	-93.6195		
Dte done:	01/01/1991	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	unknown		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	448312.03		
Ycoord:	4596869.69		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000021819

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

E31
WNW
1/2 - 1 Mile
Higher

IA WELLS **IAPU10000057718**

Mapid:	237555		
Wellid:	2098047	Id src fld:	wellnmbr
Datasrc:	PWTS	Location:	T. 78 N., R. 24 W., Sec. 33, NE SE NW SE NW
Well type:	Private well tracking system	Est loc ac:	nom. +/- 25m.
Depth:	22	C p date:	1/01/1991
Owner name:	Unknown		
Other info:	Status: Plugged Use: Monitoring		
Xcoord:	448307.03		
Ycoord:	4596867.6		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000057718

F32
West
1/2 - 1 Mile
Higher

IA WELLS **IAPU10000056903**

Mapid:	238232		
Wellid:	2097865	Id src fld:	wellnmbr
Datasrc:	PWTS	Location:	T. 78 N., R. 24 W., Sec. 33, SE NW SE SE NW
Well type:	Private well tracking system	Est loc ac:	nom. +/- 25m.
Depth:	30	C p date:	1/01/1990
Owner name:	Unknown		
Other info:	Status: Plugged Use: Monitoring		
Xcoord:	448127.16		
Ycoord:	4596264.4		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000056903

F33
West
1/2 - 1 Mile
Higher

IA WELLS **IAPW10000021504**

Wellnmbr:	2097865	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	33
Qqqqq:	SE NW SE SE NW	Elev:	0
Elev acc:	Not Reported	Well depth:	30
Br depth:	-99	Wtr depth:	17
Latn:	41.5164		
Longn:	-93.6217		
Dte done:	01/01/1990	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	unknown		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	448124.16		

Ycoord:	4596271.49		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000021504

F34
West
1/2 - 1 Mile
Higher

IA WELLS **IAPW10000021505**

Wellnmbr:	2097865	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	33
Qqqqq:	SE NW SE SE NW	Elev:	0
Elev acc:	Not Reported	Well depth:	30
Br depth:	-99	Wtr depth:	17
Latn:	41.5164		
Longn:	-93.6217		
Dte done:	01/01/1990	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	unknown		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	448124.16		
Ycoord:	4596271.49		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000021505

G35
WNW
1/2 - 1 Mile
Higher

IA WELLS **IAPW10000021681**

Wellnmbr:	2097905	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	33
Qqqqq:	NE SW SE SW SE	Elev:	0
Elev acc:	Not Reported	Well depth:	22
Br depth:	-99	Wtr depth:	11
Latn:	41.5196		
Longn:	-93.6223		
Dte done:	01/01/1991	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	unknown		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	448076.66		

Ycoord:	4596627.12		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000021681

G36
WNW
1/2 - 1 Mile
Higher

IA WELLS **IAPW10000021680**

Wellnmbr:	2097905	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	33
Qqqqq:	NE SW SE SW SE	Elev:	0
Elev acc:	Not Reported	Well depth:	22
Br depth:	-99	Wtr depth:	11
Latn:	41.5196		
Longn:	-93.6223		
Dte done:	01/01/1991	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	unknown		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	448076.66		
Ycoord:	4596627.12		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000021680

G37
WNW
1/2 - 1 Mile
Higher

IA WELLS **IAPU10000057401**

Mapid:	237863		
Wellid:	2097905	Id src fld:	wellnmbr
Datasrc:	PWTS	Location:	T. 78 N., R. 24 W., Sec. 33, NE SW SE SW SE
Well type:	Private well tracking system	Est loc ac:	nom. +/- 25m.
Depth:	22	C p date:	1/01/1991
Owner name:	Unknown		
Other info:	Status: Plugged Use: Monitoring		
Xcoord:	448069.66		
Ycoord:	4596633.1		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000057401

H38
WNW
1/2 - 1 Mile
Higher

IA WELLS **IAPW10000021785**

Wellnmbr:	2097904	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	33
Qqqqq:	NE SW NE SE SW	Elev:	0
Elev acc:	Not Reported	Well depth:	26
Br depth:	-99	Wtr depth:	14
Latn:	41.5212		
Longn:	-93.6217		
Dte done:	01/01/1991	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	unknown		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	448128		
Ycoord:	4596804.39		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000021785

H39
WNW
1/2 - 1 Mile
Higher

IA WELLS **IAPW10000021786**

Wellnmbr:	2097904	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	33
Qqqqq:	NE SW NE SE SW	Elev:	0
Elev acc:	Not Reported	Well depth:	26
Br depth:	-99	Wtr depth:	14
Latn:	41.5212		
Longn:	-93.6217		
Dte done:	01/01/1991	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	unknown		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	448128		
Ycoord:	4596804.39		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000021786

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
H40 **WNW** **1/2 - 1 Mile** **Higher**	**IA WELLS**	**IAPU10000057636**

Mapid:	237638		
Wellid:	2097904	Id src fld:	wellnmbr
Datasrc:	PWTS	Location:	T. 78 N., R. 24 W., Sec. 33, NE SW NE SE SW
Well type:	Private well tracking system	Est loc ac:	nom. +/- 25m.
Depth:	26	C p date:	1/01/1991
Owner name:	Unknown		
Other info:	Status: Plugged Use: Monitoring		
Xcoord:	448122		
Ycoord:	4596796.3		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000057636

	Database	EDR ID Number
I41 **NW** **1/2 - 1 Mile** **Higher**	**IA WELLS**	**IAPR10000004962**

Recordno:	14645	Twp:	78
N s:	N	Rge:	24
E w:	W	Sec:	33
Qqqqq:	NE	Q abc:	A
Permit:	1715	App role:	U
Appfirst:	LYLE	Applast:	OAKKEN
Appaddr:	6850 VERSAR CENTER	Appcity:	SPRINGFIELD
Appst:	VA	Appzip:	22151
Appphone:	7037503000	Ownerfirst:	Not Reported
Ownerlast:	Not Reported	Owneraddr:	Not Reported
Ownercity:	Not Reported	Ownerst:	Not Reported
Ownerzip:	Not Reported	Ownerphone:	Not Reported
County:	77	Status:	P
Legal:	NE33 7824W	Depth:	35
Appdate:	11/21/1991	Prmtdate:	11/21/1991
Use1:	7	Use2:	Not Reported
Contname:	LAYNE WESTERN CO.	Contid:	Not Reported
Welldrlr:	Not Reported	Certnum:	Not Reported
Constguess:	Not Reported	Const:	09/01/1991
E1use1:	7	E1use2:	Not Reported
E1dpth:	0	E1legal:	NE33 7824W
E1const:	Not Reported	E1status:	1
E2use1:	Not Reported	E2use2:	Not Reported
E2dpth:	0	E2legal:	Not Reported
E2const:	Not Reported	E2status:	Not Reported
E3use1:	Not Reported	E3use2:	Not Reported
E3dpth:	0	E3legal:	Not Reported
E3const:	Not Reported	E3status:	Not Reported
Agentfirst:	BOBBY	Agentlast:	BAKER
Created:	Not Reported	Checked:	Not Reported

Updated:	Not Reported	Prm recs:	0
Well p:	0	Well e:	0
Utm x:	448210.06		
Utm y:	4596976.5		
Site id:	IAPR10000004962		

J42
NNE
1/2 - 1 Mile
Higher

IA WELLS **IAPW10000022039**

Wellnmbr:	2123744	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	27
Qqqqq:	SW SE SE SE SW	Elev:	0
Elev acc:	Not Reported	Well depth:	17
Br depth:	-99	Wtr depth:	-99
Latn:	41.5267		
Longn:	-93.607		
Dte done:	06/10/1990	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Not Reported		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	449358.8		
Ycoord:	4597406.29		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000022039

J43
NNE
1/2 - 1 Mile
Higher

IA WELLS **IAPW10000022040**

Wellnmbr:	2123744	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	27
Qqqqq:	SW SE SE SE SW	Elev:	0
Elev acc:	Not Reported	Well depth:	17
Br depth:	-99	Wtr depth:	-99
Latn:	41.5267		
Longn:	-93.607		
Dte done:	06/10/1990	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Not Reported		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	449358.8		

Ycoord:	4597406.29		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000022040

J44
NNE
1/2 - 1 Mile
Higher

IA WELLS **IAPW10000022037**

Wellnmbr:	2123754	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	27
Qqqqq:	SW SE SE SE SE	Elev:	0
Elev acc:	Not Reported	Well depth:	20
Br depth:	-99	Wtr depth:	-99
Latn:	41.5267		
Longn:	-93.6069		
Dte done:	06/10/1990	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Not Reported		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	449367.14		
Ycoord:	4597406.23		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000022037

J45
NNE
1/2 - 1 Mile
Higher

IA WELLS **IAPW10000022038**

Wellnmbr:	2123754	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	27
Qqqqq:	SW SE SE SE SE	Elev:	0
Elev acc:	Not Reported	Well depth:	20
Br depth:	-99	Wtr depth:	-99
Latn:	41.5267		
Longn:	-93.6069		
Dte done:	06/10/1990	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Not Reported		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	449367.14		

Ycoord:	4597406.23		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000022038

I46
NW
1/2 - 1 Mile
Higher

IA WELLS **IAPU10000057870**

Mapid:	237384		
Wellid:	14645	Id src fld:	recordno
Datasrc:	PVTP	Location:	T. 78 N., R. 24 W., Sec. 33, NE
Well type:	Permitted private wells	Est loc ac:	Calc. +/- 570m.
Depth:	35	C p date:	11/21/1991
Owner name:	Unkn		
Other info:	Primary use: Monitoring/observation		
Xcoord:	448204.06		
Ycoord:	4596984.5		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000057870

J47
NNE
1/2 - 1 Mile
Higher

IA WELLS **IAPU10000058342**

Mapid:	236964		
Wellid:	2123753	Id src fld:	wellnmbr
Datasrc:	PWTS	Location:	T. 78 N., R. 24 W., Sec. 27, SW SE SE SE SW
Well type:	Private well tracking system	Est loc ac:	nom. +/- 25m.
Depth:	19	C p date:	6/10/1990
Owner name:	Unknown		
Other info:	Status: Plugged Use: Monitoring		
Xcoord:	449363.87		
Ycoord:	4597410.3		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000058342

J48
NNE
1/2 - 1 Mile
Higher

IA WELLS **IAPU10000058347**

Mapid:	236957		
Wellid:	2123744	Id src fld:	wellnmbr
Datasrc:	PWTS	Location:	T. 78 N., R. 24 W., Sec. 27, SW SE SE SE SW
Well type:	Private well tracking system	Est loc ac:	nom. +/- 25m.
Depth:	17	C p date:	6/10/1990
Owner name:	Unknown		
Other info:	Status: Plugged Use: Monitoring		
Xcoord:	449358.8		
Ycoord:	4597412.2		
Hlink:	Not Reported		

Disperse:	1	Site id:	IAPU10000058347

J49
NNE
1/2 - 1 Mile
Higher

IA WELLS **IAPU10000058345**

Mapid:	236960		
Wellid:	2123755	Id src fld:	wellnmbr
Datasrc:	PWTS	Location:	T. 78 N., R. 24 W., Sec. 27, SW SE SE SE SW
Well type:	Private well tracking system	Est loc ac:	nom. +/- 25m.
Depth:	20	C p date:	6/10/2003
Owner name:	Unknown		
Other info:	Status: Plugged Use: Monitoring		
Xcoord:	449364.87		
Ycoord:	4597411.3		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000058345

J50
NNE
1/2 - 1 Mile
Higher

IA WELLS **IAPU10000058340**

Mapid:	236966		
Wellid:	2123754	Id src fld:	wellnmbr
Datasrc:	PWTS	Location:	T. 78 N., R. 24 W., Sec. 27, SW SE SE SE SE
Well type:	Private well tracking system	Est loc ac:	nom. +/- 25m.
Depth:	20	C p date:	6/10/1990
Owner name:	Unknown		
Other info:	Status: Plugged Use: Monitoring		
Xcoord:	449376.14		
Ycoord:	4597409.2		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000058340

J51
NNE
1/2 - 1 Mile
Higher

IA WELLS **IAPU10000058344**

Mapid:	236961		
Wellid:	2123740	Id src fld:	wellnmbr
Datasrc:	PWTS	Location:	T. 78 N., R. 24 W., Sec. 27, SW SE SE SE SE
Well type:	Private well tracking system	Est loc ac:	nom. +/- 25m.
Depth:	15	C p date:	6/10/1990
Owner name:	Unknown		
Other info:	Status: Plugged Use: Monitoring		
Xcoord:	449369.56		
Ycoord:	4597411.2		
Hlink:	Not Reported		

Disperse:	1	Site id:	IAPU10000058344

J52
NNE
1/2 - 1 Mile
Higher

IA WELLS **IAPU10000058350**

Mapid:	236948		
Wellid:	2123757	Id src fld:	wellnmbr
Datasrc:	PWTS	Location:	T. 78 N., R. 24 W., Sec. 27, SW SE SE SE SW
Well type:	Private well tracking system	Est loc ac:	nom. +/- 25m.
Depth:	8	C p date:	6/10/2006
Owner name:	Unknown		
Other info:	Status: Plugged Use: Monitoring		
Xcoord:	449349.87		
Ycoord:	4597416.3		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000058350

J53
NNE
1/2 - 1 Mile
Higher

IA WELLS **IAPW10000022055**

Wellnmbr:	2123753	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	27
Qqqqq:	SW SE SE SE SW	Elev:	0
Elev acc:	Not Reported	Well depth:	19
Br depth:	-99	Wtr depth:	-99
Latn:	41.5268		
Longn:	-93.607		
Dte done:	06/10/1990	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Not Reported		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	449358.87		
Ycoord:	4597417.39		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000022055

J54
NNE
1/2 - 1 Mile
Higher

IA WELLS **IAPW10000022059**

Wellnmbr:	2123755	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	27
Qqqqq:	SW SE SE SE SW	Elev:	0
Elev acc:	Not Reported	Well depth:	20
Br depth:	-99	Wtr depth:	-99
Latn:	41.5268		
Longn:	-93.607		
Dte done:	06/10/2003	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Not Reported		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	449358.87		
Ycoord:	4597417.39		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000022059

J55
NNE
1/2 - 1 Mile
Higher

IA WELLS **IAPW10000022060**

Wellnmbr:	2123757	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	27
Qqqqq:	SW SE SE SE SW	Elev:	0
Elev acc:	Not Reported	Well depth:	8
Br depth:	-99	Wtr depth:	-99
Latn:	41.5268		
Longn:	-93.607		
Dte done:	06/10/2006	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Not Reported		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	449358.87		
Ycoord:	4597417.39		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000022060

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
J56 **NNE** **1/2 - 1 Mile** **Higher**	**IA WELLS**	**IAPW10000022057**

Wellnmbr:	2123757	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	27
Qqqqq:	SW SE SE SE SW	Elev:	0
Elev acc:	Not Reported	Well depth:	8
Br depth:	-99	Wtr depth:	-99
Latn:	41.5268		
Longn:	-93.607		
Dte done:	06/10/2006	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Not Reported		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	449358.87		
Ycoord:	4597417.39		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000022057

	Database	EDR ID Number
J57 **NNE** **1/2 - 1 Mile** **Higher**	**IA WELLS**	**IAPW10000022058**

Wellnmbr:	2123753	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	27
Qqqqq:	SW SE SE SE SW	Elev:	0
Elev acc:	Not Reported	Well depth:	19
Br depth:	-99	Wtr depth:	-99
Latn:	41.5268		
Longn:	-93.607		
Dte done:	06/10/1990	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Not Reported		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	449358.87		

Ycoord:	4597417.39		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000022058

J58
NNE
1/2 - 1 Mile
Higher

IA WELLS **IAPW10000022056**

Wellnmbr:	2123755	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	27
Qqqqq:	SW SE SE SE SW	Elev:	0
Elev acc:	Not Reported	Well depth:	20
Br depth:	-99	Wtr depth:	-99
Latn:	41.5268		
Longn:	-93.607		
Dte done:	06/10/2003	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Not Reported		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	449358.87		
Ycoord:	4597417.39		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000022056

J59
NNE
1/2 - 1 Mile
Higher

IA WELLS **IAPU10000058352**

Mapid:	236942		
Wellid:	2123746	Id src fld:	wellnmbr
Datasrc:	PWTS	Location:	T. 78 N., R. 24 W., Sec. 27, SW SE SE SE SE
Well type:	Private well tracking system	Est loc ac:	nom. +/- 25m.
Depth:	15	C p date:	6/10/1990
Owner name:	Unknown		
Other info:	Status: Plugged Use: Monitoring		
Xcoord:	449358.22		
Ycoord:	4597419.3		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000058352

J60
NNE
1/2 - 1 Mile
Higher

IA WELLS **IAPW10000022054**

Wellnmbr:	2123756	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	27
Qqqqq:	SW SE SE SE SE	Elev:	0
Elev acc:	Not Reported	Well depth:	19
Br depth:	-99	Wtr depth:	-99
Latn:	41.5268		
Longn:	-93.6069		
Dte done:	06/10/2003	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Not Reported		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	449367.22		
Ycoord:	4597417.33		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000022054

J61
NNE
1/2 - 1 Mile
Higher

IA WELLS **IAPW10000022053**

Wellnmbr:	2123746	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	27
Qqqqq:	SW SE SE SE SE	Elev:	0
Elev acc:	Not Reported	Well depth:	15
Br depth:	-99	Wtr depth:	-99
Latn:	41.5268		
Longn:	-93.6069		
Dte done:	06/10/1990	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Not Reported		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	449367.22		
Ycoord:	4597417.33		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000022053

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

J62
NNE
1/2 - 1 Mile
Higher

IA WELLS **IAPW10000022052**

Wellnmbr:	2123745	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	27
Qqqqq:	SW SE SE SE SE	Elev:	0
Elev acc:	Not Reported	Well depth:	8
Br depth:	-99	Wtr depth:	-99
Latn:	41.5268		
Longn:	-93.6069		
Dte done:	06/10/1990	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Not Reported		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	449367.22		
Ycoord:	4597417.33		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000022052

J63
NNE
1/2 - 1 Mile
Higher

IA WELLS **IAPW10000022049**

Wellnmbr:	2123745	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	27
Qqqqq:	SW SE SE SE SE	Elev:	0
Elev acc:	Not Reported	Well depth:	8
Br depth:	-99	Wtr depth:	-99
Latn:	41.5268		
Longn:	-93.6069		
Dte done:	06/10/1990	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Not Reported		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	449367.22		

Ycoord:	4597417.33		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000022049

J64
NNE
1/2 - 1 Mile
Higher

IA WELLS **IAPW10000022050**

Wellnmbr:	2123746	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	27
Qqqqq:	SW SE SE SE SE	Elev:	0
Elev acc:	Not Reported	Well depth:	15
Br depth:	-99	Wtr depth:	-99
Latn:	41.5268		
Longn:	-93.6069		
Dte done:	06/10/1990	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Not Reported		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	449367.22		
Ycoord:	4597417.33		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000022050

J65
NNE
1/2 - 1 Mile
Higher

IA WELLS **IAPW10000022051**

Wellnmbr:	2123756	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	27
Qqqqq:	SW SE SE SE SE	Elev:	0
Elev acc:	Not Reported	Well depth:	19
Br depth:	-99	Wtr depth:	-99
Latn:	41.5268		
Longn:	-93.6069		
Dte done:	06/10/2003	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Not Reported		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	449367.22		

Ycoord:	4597417.33		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000022051

J66
NNE
1/2 - 1 Mile
Higher

IA WELLS **IAPU10000058349**

Mapid:	236951		
Wellid:	2123745	Id src fld:	wellnmbr
Datasrc:	PWTS	Location:	T. 78 N., R. 24 W., Sec. 27, SW SE SE SE SE
Well type:	Private well tracking system	Est loc ac:	nom. +/- 25m.
Depth:	8	C p date:	6/10/1990
Owner name:	Unknown		
Other info:	Status: Plugged Use: Monitoring		
Xcoord:	449377.22		
Ycoord:	4597415.3		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000058349

J67
NNE
1/2 - 1 Mile
Higher

IA WELLS **IAPW10000022044**

Wellnmbr:	2123740	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	27
Qqqqq:	SW SE SE SE SE	Elev:	0
Elev acc:	Not Reported	Well depth:	15
Br depth:	-99	Wtr depth:	-99
Latn:	41.5268		
Longn:	-93.6068		
Dte done:	06/10/1990	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Not Reported		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	449375.56		
Ycoord:	4597417.27		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000022044

J68
NNE
1/2 - 1 Mile
Higher

IA WELLS **IAPW10000022043**

Wellnmbr:	2123738	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	27
Qqqqq:	SW SE SE SE SE	Elev:	0
Elev acc:	Not Reported	Well depth:	19
Br depth:	-99	Wtr depth:	-99
Latn:	41.5268		
Longn:	-93.6068		
Dte done:	06/10/1990	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Not Reported		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	449375.56		
Ycoord:	4597417.27		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000022043

J69
NNE
1/2 - 1 Mile
Higher

IA WELLS **IAPW10000022047**

Wellnmbr:	2123740	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	27
Qqqqq:	SW SE SE SE SE	Elev:	0
Elev acc:	Not Reported	Well depth:	15
Br depth:	-99	Wtr depth:	-99
Latn:	41.5268		
Longn:	-93.6068		
Dte done:	06/10/1990	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Not Reported		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	449375.56		
Ycoord:	4597417.27		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000022047

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

J70
NNE
1/2 - 1 Mile
Higher

IA WELLS **IAPW10000022048**

Wellnmbr:	2123758	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	27
Qqqqq:	SW SE SE SE SE	Elev:	0
Elev acc:	Not Reported	Well depth:	15
Br depth:	-99	Wtr depth:	-99
Latn:	41.5268		
Longn:	-93.6068		
Dte done:	06/10/2003	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Not Reported		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	449375.56		
Ycoord:	4597417.27		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000022048

J71
NNE
1/2 - 1 Mile
Higher

IA WELLS **IAPW10000022045**

Wellnmbr:	2123758	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	27
Qqqqq:	SW SE SE SE SE	Elev:	0
Elev acc:	Not Reported	Well depth:	15
Br depth:	-99	Wtr depth:	-99
Latn:	41.5268		
Longn:	-93.6068		
Dte done:	06/10/2003	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Not Reported		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	449375.56		

Ycoord:	4597417.27		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000022045

J72
NNE
1/2 - 1 Mile
Higher

IA WELLS **IAPW10000022046**

Wellnmbr:	2123738	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	27
Qqqqq:	SW SE SE SE SE	Elev:	0
Elev acc:	Not Reported	Well depth:	19
Br depth:	-99	Wtr depth:	-99
Latn:	41.5268		
Longn:	-93.6068		
Dte done:	06/10/1990	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Not Reported		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	449375.56		
Ycoord:	4597417.27		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000022046

J73
NNE
1/2 - 1 Mile
Higher

IA WELLS **IAPU10000058354**

Mapid:	236941		
Wellid:	2123741	Id src fld:	wellnmbr
Datasrc:	PWTS	Location:	T. 78 N., R. 24 W., Sec. 27, SW SE SE SE NE
Well type:	Private well tracking system	Est loc ac:	nom. +/- 25m.
Depth:	15	C p date:	6/10/1990
Owner name:	Unknown		
Other info:	Status: Plugged Use: Monitoring		
Xcoord:	449369.29		
Ycoord:	4597419.4		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000058354

J74
NNE
1/2 - 1 Mile
Higher

IA WELLS **IAPU10000058358**

Mapid:	236936		
Wellid:	2123756	Id src fld:	wellnmbr
Datasrc:	PWTS	Location:	T. 78 N., R. 24 W., Sec. 27, SW SE SE SE SE
Well type:	Private well tracking system	Est loc ac:	nom. +/- 25m.
Depth:	19	C p date:	6/10/2003
Owner name:	Unknown		
Other info:	Status: Plugged Use: Monitoring		
Xcoord:	449376.22		
Ycoord:	4597421.3		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000058358

J75
NNE
1/2 - 1 Mile
Higher

IA WELLS **IAPU10000058359**

Mapid:	236935		
Wellid:	2123758	Id src fld:	wellnmbr
Datasrc:	PWTS	Location:	T. 78 N., R. 24 W., Sec. 27, SW SE SE SE SE
Well type:	Private well tracking system	Est loc ac:	nom. +/- 25m.
Depth:	15	C p date:	6/10/2003
Owner name:	Unknown		
Other info:	Status: Plugged Use: Monitoring		
Xcoord:	449372.56		
Ycoord:	4597422.2		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000058359

J76
NNE
1/2 - 1 Mile
Higher

IA WELLS **IAPU10000058363**

Mapid:	236931		
Wellid:	2123738	Id src fld:	wellnmbr
Datasrc:	PWTS	Location:	T. 78 N., R. 24 W., Sec. 27, SW SE SE SE SE
Well type:	Private well tracking system	Est loc ac:	nom. +/- 25m.
Depth:	19	C p date:	6/10/1990
Owner name:	Unknown		
Other info:	Status: Plugged Use: Monitoring		
Xcoord:	449366.56		
Ycoord:	4597426.2		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000058363

J77
NNE
1/2 - 1 Mile
Higher

IA WELLS **IAPW10000022076**

Wellnmbr:	2123741	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	27
Qqqqq:	SW SE SE SE NE	Elev:	0
Elev acc:	Not Reported	Well depth:	15
Br depth:	-99	Wtr depth:	-99
Latn:	41.5269		
Longn:	-93.6069		
Dte done:	06/10/1990	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Not Reported		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	449367.29		
Ycoord:	4597428.43		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000022076

J78
NNE
1/2 - 1 Mile
Higher

IA WELLS **IAPW10000022075**

Wellnmbr:	2123741	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	27
Qqqqq:	SW SE SE SE NE	Elev:	0
Elev acc:	Not Reported	Well depth:	15
Br depth:	-99	Wtr depth:	-99
Latn:	41.5269		
Longn:	-93.6069		
Dte done:	06/10/1990	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Not Reported		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	449367.29		
Ycoord:	4597428.43		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000022075

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

J79
NNE
1/2 - 1 Mile
Higher

IA WELLS **IAPU10000058370**

Mapid:	236926		
Wellid:	2123747	Id src fld:	wellnmbr
Datasrc:	PWTS	Location:	T. 78 N., R. 24 W., Sec. 27, SW SE SE SE NE
Well type:	Private well tracking system	Est loc ac:	nom. +/- 25m.
Depth:	15	C p date:	6/10/1990
Owner name:	Unknown		
Other info:	Status: Plugged Use: Monitoring		
Xcoord:	449369.64		
Ycoord:	4597428.3		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000058370

J80
NNE
1/2 - 1 Mile
Higher

IA WELLS **IAPU10000058371**

Mapid:	236927		
Wellid:	2123735	Id src fld:	wellnmbr
Datasrc:	PWTS	Location:	T. 78 N., R. 24 W., Sec. 27, SW SE SE SE NE
Well type:	Private well tracking system	Est loc ac:	nom. +/- 25m.
Depth:	19	C p date:	6/10/1990
Owner name:	Unknown		
Other info:	Status: Plugged Use: Monitoring		
Xcoord:	449372.64		
Ycoord:	4597428.3		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000058371

J81
NNE
1/2 - 1 Mile
Higher

IA WELLS **IAPW10000022072**

Wellnmbr:	2123735	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	27
Qqqqq:	SW SE SE SE NE	Elev:	0
Elev acc:	Not Reported	Well depth:	19
Br depth:	-99	Wtr depth:	-99
Latn:	41.5269		
Longn:	-93.6068		
Dte done:	06/10/1990	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Not Reported		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	449375.64		

Ycoord:	4597428.37		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000022072

J82
NNE
1/2 - 1 Mile
Higher

IA WELLS **IAPW10000022071**

Wellnmbr:	2123747	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	27
Qqqqq:	SW SE SE SE NE	Elev:	0
Elev acc:	Not Reported	Well depth:	15
Br depth:	-99	Wtr depth:	-99
Latn:	41.5269		
Longn:	-93.6068		
Dte done:	06/10/1990	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Not Reported		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	449375.64		
Ycoord:	4597428.37		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000022071

J83
NNE
1/2 - 1 Mile
Higher

IA WELLS **IAPW10000022074**

Wellnmbr:	2123747	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	27
Qqqqq:	SW SE SE SE NE	Elev:	0
Elev acc:	Not Reported	Well depth:	15
Br depth:	-99	Wtr depth:	-99
Latn:	41.5269		
Longn:	-93.6068		
Dte done:	06/10/1990	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Not Reported		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	449375.64		

Ycoord:	4597428.37		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000022074

J84
NNE
1/2 - 1 Mile
Higher

IA WELLS **IAPW10000022073**

Wellnmbr:	2123742	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	27
Qqqqq:	SW SE SE SE NE	Elev:	0
Elev acc:	Not Reported	Well depth:	19
Br depth:	-99	Wtr depth:	-99
Latn:	41.5269		
Longn:	-93.6068		
Dte done:	06/10/1990	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Not Reported		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	449375.64		
Ycoord:	4597428.37		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000022073

J85
NNE
1/2 - 1 Mile
Higher

IA WELLS **IAPW10000022070**

Wellnmbr:	2123742	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	27
Qqqqq:	SW SE SE SE NE	Elev:	0
Elev acc:	Not Reported	Well depth:	19
Br depth:	-99	Wtr depth:	-99
Latn:	41.5269		
Longn:	-93.6068		
Dte done:	06/10/1990	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Not Reported		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	449375.64		

Ycoord:	4597428.37		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000022070

J86
NNE
1/2 - 1 Mile
Higher

IA WELLS **IAPW10000022069**

Wellnmbr:	2123735	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	27
Qqqqq:	SW SE SE SE NE	Elev:	0
Elev acc:	Not Reported	Well depth:	19
Br depth:	-99	Wtr depth:	-99
Latn:	41.5269		
Longn:	-93.6068		
Dte done:	06/10/1990	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Not Reported		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	449375.64		
Ycoord:	4597428.37		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000022069

J87
NNE
1/2 - 1 Mile
Higher

IA WELLS **IAPU10000058374**

Mapid:	236917		
Wellid:	2123742	Id src fld:	wellnmbr
Datasrc:	PWTS	Location:	T. 78 N., R. 24 W., Sec. 27, SW SE SE SE NE
Well type:	Private well tracking system	Est loc ac:	nom. +/- 25m.
Depth:	19	C p date:	6/10/1990
Owner name:	Unknown		
Other info:	Status: Plugged Use: Monitoring		
Xcoord:	449382.64		
Ycoord:	4597432.3		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000058374

H88
WNW
1/2 - 1 Mile
Higher

IA WELLS **IAPU10000057698**

Mapid:	237577		
Wellid:	2098048	Id src fld:	wellnmbr
Datasrc:	PWTS	Location:	T. 78 N., R. 24 W., Sec. 33, NE SW NE SW NW
Well type:	Private well tracking system	Est loc ac:	nom. +/- 25m.
Depth:	26	C p date:	1/01/1993
Owner name:	Unknown		
Other info:	Status: Plugged Use: Monitoring		
Xcoord:	448046.96		
Ycoord:	4596853.5		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000057698

H89
WNW
1/2 - 1 Mile
Higher

IA WELLS **IAPW10000021806**

Wellnmbr:	2098048	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	33
Qqqqq:	NE SW NE SW NW	Elev:	0
Elev acc:	Not Reported	Well depth:	26
Br depth:	-99	Wtr depth:	21
Latn:	41.5217		
Longn:	-93.6227		
Dte done:	01/01/1993	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	unknown		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	448044.96		
Ycoord:	4596860.5		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000021806

H90
WNW
1/2 - 1 Mile
Higher

IA WELLS **IAPW10000021807**

Wellnmbr:	2098048	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	33
Qqqqq:	NE SW NE SW NW	Elev:	0
Elev acc:	Not Reported	Well depth:	26
Br depth:	-99	Wtr depth:	21
Latn:	41.5217		
Longn:	-93.6227		
Dte done:	01/01/1993	Cty num:	0
County:	Polk		

Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	unknown		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	448044.96		
Ycoord:	4596860.5		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000021807

H91
WNW
1/2 - 1 Mile
Higher

IA WELLS **IAPW10000021796**

Wellnmbr:	2098049	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	33
Qqqqq:	NE SW NE SW SW	Elev:	0
Elev acc:	Not Reported	Well depth:	24
Br depth:	-99	Wtr depth:	22
Latn:	41.5214		
Longn:	-93.6229		
Dte done:	01/01/1993	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	unknown		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	448028.03		
Ycoord:	4596827.32		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000021796

H92
WNW
1/2 - 1 Mile
Higher

IA WELLS **IAPW10000021797**

Wellnmbr:	2098049	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	33
Qqqqq:	NE SW NE SW SW	Elev:	0
Elev acc:	Not Reported	Well depth:	24
Br depth:	-99	Wtr depth:	22
Latn:	41.5214		
Longn:	-93.6229		
Dte done:	01/01/1993	Cty num:	0
County:	Polk		

Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	unknown		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	448028.03		
Ycoord:	4596827.32		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000021797

H93
WNW
1/2 - 1 Mile
Higher

IA WELLS **IAPU10000057666**

Mapid:	237604		
Wellid:	2098049	Id src fld:	wellnmbr
Datasrc:	PWTS	Location:	T. 78 N., R. 24 W., Sec. 33, NE SW NE SW SW
Well type:	Private well tracking system	Est loc ac:	nom. +/- 25m.
Depth:	24	C p date:	1/01/1993
Owner name:	Unknown		
Other info:	Status: Plugged Use: Monitoring		
Xcoord:	448025.03		
Ycoord:	4596821.3		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000057666

K94
WNW
1/2 - 1 Mile
Higher

IA WELLS **IAPU10000057612**

Mapid:	237665		
Wellid:	2097902	Id src fld:	wellnmbr
Datasrc:	PWTS	Location:	T. 78 N., R. 24 W., Sec. 33, NE SW SW NE NE
Well type:	Private well tracking system	Est loc ac:	nom. +/- 25m.
Depth:	26	C p date:	1/01/1990
Owner name:	Unknown		
Other info:	Status: Plugged Use: Monitoring		
Xcoord:	448004.68		
Ycoord:	4596781		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000057612

K95
WNW
1/2 - 1 Mile
Higher

IA WELLS **IAPW10000021774**

Wellnmbr:	2097902	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	33
Qqqqq:	NE SW SW NE NE	Elev:	0
Elev acc:	Not Reported	Well depth:	26
Br depth:	-99	Wtr depth:	14
Latn:	41.521		
Longn:	-93.6232		
Dte done:	01/01/1990	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	unknown		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	448002.68		
Ycoord:	4596783.09		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000021774

K96
WNW
1/2 - 1 Mile
Higher

IA WELLS **IAPW10000021773**

Wellnmbr:	2097902	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	33
Qqqqq:	NE SW SW NE NE	Elev:	0
Elev acc:	Not Reported	Well depth:	26
Br depth:	-99	Wtr depth:	14
Latn:	41.521		
Longn:	-93.6232		
Dte done:	01/01/1990	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	unknown		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	448002.68		
Ycoord:	4596783.09		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000021773

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

L97
West
1/2 - 1 Mile
Higher

IA WELLS **IAPW10000021492**

Wellnmbr:	2097863	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	33
Qqqqq:	SE NW SW SE NW	Elev:	0
Elev acc:	Not Reported	Well depth:	31
Br depth:	-99	Wtr depth:	18
Latn:	41.5161		
Longn:	-93.6242		
Dte done:	01/01/1990	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	unknown		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	447915.32		
Ycoord:	4596239.69		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000021492

L98
West
1/2 - 1 Mile
Higher

IA WELLS **IAPW10000021491**

Wellnmbr:	2097863	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	33
Qqqqq:	SE NW SW SE NW	Elev:	0
Elev acc:	Not Reported	Well depth:	31
Br depth:	-99	Wtr depth:	18
Latn:	41.5161		
Longn:	-93.6242		
Dte done:	01/01/1990	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	unknown		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	447915.32		

Ycoord:	4596239.69		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000021491

M99
West
1/2 - 1 Mile
Higher

IA WELLS **IAPW10000021599**

Wellnmbr:	2097861	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	33
Qqqqq:	SE NW NW NE SW	Elev:	0
Elev acc:	Not Reported	Well depth:	31
Br depth:	-99	Wtr depth:	12
Latn:	41.5184		
Longn:	-93.6242		
Dte done:	01/01/1990	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	unknown		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	447917.16		
Ycoord:	4596495.04		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000021599

M100
West
1/2 - 1 Mile
Higher

IA WELLS **IAPW10000021598**

Wellnmbr:	2097861	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	33
Qqqqq:	SE NW NW NE SW	Elev:	0
Elev acc:	Not Reported	Well depth:	31
Br depth:	-99	Wtr depth:	12
Latn:	41.5184		
Longn:	-93.6242		
Dte done:	01/01/1990	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	unknown		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	447917.16		

Ycoord:	4596495.04		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000021598

L101
West
1/2 - 1 Mile
Higher

IA WELLS **IAPU10000056880**

Mapid:	238244		
Wellid:	2097863	Id src fld:	wellnmbr
Datasrc:	PWTS	Location:	T. 78 N., R. 24 W., Sec. 33, SE NW SW SE NW
Well type:	Private well tracking system	Est loc ac:	nom. +/- 25m.
Depth:	31	C p date:	1/01/1990
Owner name:	Unknown		
Other info:	Status: Plugged Use: Monitoring		
Xcoord:	447908.32		
Ycoord:	4596246.6		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000056880

N102
WNW
1/2 - 1 Mile
Higher

IA WELLS **IAPW10000021706**

Wellnmbr:	2098062	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	33
Qqqqq:	NE SW SW SE NW	Elev:	0
Elev acc:	Not Reported	Well depth:	21
Br depth:	-99	Wtr depth:	11
Latn:	41.5199		
Longn:	-93.6238		
Dte done:	01/01/1996	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	unknown		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	447951.74		
Ycoord:	4596661.33		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000021706

N103
WNW
1/2 - 1 Mile
Higher

IA WELLS **IAPW10000021705**

Wellnmbr:	2098062	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	33
Qqqqq:	NE SW SW SE NW	Elev:	0
Elev acc:	Not Reported	Well depth:	21
Br depth:	-99	Wtr depth:	11
Latn:	41.5199		
Longn:	-93.6238		
Dte done:	01/01/1996	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	unknown		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	447951.74		
Ycoord:	4596661.33		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000021705

N104
WNW
1/2 - 1 Mile
Higher

IA WELLS **IAPU10000057431**

Mapid:	237829		
Wellid:	2098054	Id src fld:	wellnmbr
Datasrc:	PWTS	Location:	T. 78 N., R. 24 W., Sec. 33, NE SW SW SE NW
Well type:	Private well tracking system	Est loc ac:	nom. +/- 25m.
Depth:	24	C p date:	1/01/1999
Owner name:	Unknown		
Other info:	Status: Plugged Use: Monitoring		
Xcoord:	447949.31		
Ycoord:	4596653.2		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000057431

N105
WNW
1/2 - 1 Mile
Higher

IA WELLS **IAPU10000057434**

Mapid:	237817		
Wellid:	2098062	Id src fld:	wellnmbr
Datasrc:	PWTS	Location:	T. 78 N., R. 24 W., Sec. 33, NE SW SW SE NW
Well type:	Private well tracking system	Est loc ac:	nom. +/- 25m.
Depth:	21	C p date:	1/01/1996
Owner name:	Unknown		
Other info:	Status: Plugged Use: Monitoring		
Xcoord:	447946.74		
Ycoord:	4596661.3		
Hlink:	Not Reported		

Disperse:	1	Site id:	IAPU10000057434

N106
WNW
1/2 - 1 Mile
Higher

IA WELLS **IAPW10000021698**

Wellnmbr:	2098054	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	33
Qqqqq:	NE SW SW SE NW	Elev:	0
Elev acc:	Not Reported	Well depth:	24
Br depth:	-99	Wtr depth:	10
Latn:	41.5198		
Longn:	-93.6239		
Dte done:	01/01/1999	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	unknown		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	447943.31		
Ycoord:	4596650.29		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000021698

N107
WNW
1/2 - 1 Mile
Higher

IA WELLS **IAPW10000021697**

Wellnmbr:	2098054	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	33
Qqqqq:	NE SW SW SE NW	Elev:	0
Elev acc:	Not Reported	Well depth:	24
Br depth:	-99	Wtr depth:	10
Latn:	41.5198		
Longn:	-93.6239		
Dte done:	01/01/1999	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	unknown		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	447943.31		

Ycoord:	4596650.29		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000021697

K108
WNW
1/2 - 1 Mile
Higher

IA WELLS **IAPU10000057621**

Mapid:	237652		
Wellid:	2098050	Id src fld:	wellnmbr
Datasrc:	PWTS	Location:	T. 78 N., R. 24 W., Sec. 33, NE SW NW SE SE
Well type:	Private well tracking system	Est loc ac:	nom. +/- 25m.
Depth:	23	C p date:	1/01/1992
Owner name:	Unknown		
Other info:	Status: Plugged Use: Monitoring		
Xcoord:	447990.07		
Ycoord:	4596787.3		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000057621

M109
West
1/2 - 1 Mile
Higher

IA WELLS **IAPU10000057242**

Mapid:	238035		
Wellid:	2097861	Id src fld:	wellnmbr
Datasrc:	PWTS	Location:	T. 78 N., R. 24 W., Sec. 33, SE NW NW NE SW
Well type:	Private well tracking system	Est loc ac:	nom. +/- 25m.
Depth:	31	C p date:	1/01/1990
Owner name:	Unknown		
Other info:	Status: Plugged Use: Monitoring		
Xcoord:	447909.16		
Ycoord:	4596499		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000057242

K110
WNW
1/2 - 1 Mile
Higher

IA WELLS **IAPW10000021782**

Wellnmbr:	2098050	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	33
Qqqqq:	NE SW NW SE SE	Elev:	0
Elev acc:	Not Reported	Well depth:	23
Br depth:	-99	Wtr depth:	15
Latn:	41.5211		
Longn:	-93.6234		
Dte done:	01/01/1992	Cty num:	0
County:	Polk		

Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	unknown		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	447986.07		
Ycoord:	4596794.31		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000021782

K111
WNW
1/2 - 1 Mile
Higher

IA WELLS **IAPW10000021781**

Wellnmbr:	2098050	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	33
Qqqqq:	NE SW NW SE SE	Elev:	0
Elev acc:	Not Reported	Well depth:	23
Br depth:	-99	Wtr depth:	15
Latn:	41.5211		
Longn:	-93.6234		
Dte done:	01/01/1992	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	unknown		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	447986.07		
Ycoord:	4596794.31		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000021781

M112
West
1/2 - 1 Mile
Higher

IA WELLS **IAPU10000057188**

Mapid:	238069		
Wellid:	2098061	Id src fld:	wellnmbr
Datasrc:	PWTS	Location:	T. 78 N., R. 24 W., Sec. 33, SE NW NW SW NE
Well type:	Private well tracking system	Est loc ac:	nom. +/- 25m.
Depth:	46	C p date:	1/01/1992
Owner name:	Unknown		
Other info:	Status: Plugged Use: Monitoring		
Xcoord:	447900.31		
Ycoord:	4596467.9		
Hlink:	Not Reported		

Disperse:	1	Site id:	IAPU10000057188

M113
West
1/2 - 1 Mile
Higher

IA WELLS **IAPW10000021580**

Wellnmbr:	2098061	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	33
Qqqqq:	SE NW NW SW NE	Elev:	0
Elev acc:	Not Reported	Well depth:	46
Br depth:	-99	Wtr depth:	23
Latn:	41.5182		
Longn:	-93.6244		
Dte done:	01/01/1992	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	unknown		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	447900.31		
Ycoord:	4596472.95		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000021580

M114
West
1/2 - 1 Mile
Higher

IA WELLS **IAPW10000021579**

Wellnmbr:	2098061	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	33
Qqqqq:	SE NW NW SW NE	Elev:	0
Elev acc:	Not Reported	Well depth:	46
Br depth:	-99	Wtr depth:	23
Latn:	41.5182		
Longn:	-93.6244		
Dte done:	01/01/1992	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	unknown		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	447900.31		

Ycoord:	4596472.95		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000021579

K115
WNW
1/2 - 1 Mile
Higher

IA WELLS **IAPU10000057637**

Mapid:	237635		
Wellid:	2098051	Id src fld:	wellnmbr
Datasrc:	PWTS	Location:	T. 78 N., R. 24 W., Sec. 33, NE SW NW SE SE
Well type:	Private well tracking system	Est loc ac:	nom. +/- 25m.
Depth:	20	C p date:	1/01/1996
Owner name:	Unknown		
Other info:	Status: Plugged Use: Monitoring		
Xcoord:	447983.81		
Ycoord:	4596797.4		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000057637

L116
West
1/2 - 1 Mile
Higher

IA WELLS **IAPU10000057085**

Mapid:	238162		
Wellid:	2097907	Id src fld:	wellnmbr
Datasrc:	PWTS	Location:	T. 78 N., R. 24 W., Sec. 33, SE NW SW NW NE
Well type:	Private well tracking system	Est loc ac:	nom. +/- 25m.
Depth:	28	C p date:	1/01/1991
Owner name:	Unknown		
Other info:	Status: Plugged Use: Monitoring		
Xcoord:	447882.32		
Ycoord:	4596343.9		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000057085

K117
WNW
1/2 - 1 Mile
Higher

IA WELLS **IAPW10000021783**

Wellnmbr:	2098051	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	33
Qqqqq:	NE SW NW SE SE	Elev:	0
Elev acc:	Not Reported	Well depth:	20
Br depth:	-99	Wtr depth:	13
Latn:	41.5212		
Longn:	-93.6235		
Dte done:	01/01/1996	Cty num:	0
County:	Polk		

Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	unknown		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	447977.81		
Ycoord:	4596805.47		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000021783

K118
WNW
1/2 - 1 Mile
Higher

IA WELLS **IAPW10000021784**

Wellnmbr:	2098051	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	33
Qqqqq:	NE SW NW SE SE	Elev:	0
Elev acc:	Not Reported	Well depth:	20
Br depth:	-99	Wtr depth:	13
Latn:	41.5212		
Longn:	-93.6235		
Dte done:	01/01/1996	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	unknown		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	447977.81		
Ycoord:	4596805.47		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000021784

K119
WNW
1/2 - 1 Mile
Higher

IA WELLS **IAPU10000057697**

Mapid:	237579		
Wellid:	2098052	Id src fld:	wellnmbr
Datasrc:	PWTS	Location:	T. 78 N., R. 24 W., Sec. 33, NE SW NW SE NE
Well type:	Private well tracking system	Est loc ac:	nom. +/- 25m.
Depth:	23	C p date:	1/01/1999
Owner name:	Unknown		
Other info:	Status: Plugged Use: Monitoring		
Xcoord:	447994.47		
Ycoord:	4596851.8		
Hlink:	Not Reported		

Disperse:	1	Site id:	IAPU10000057697

L120
West
1/2 - 1 Mile
Higher

IA WELLS **IAPW10000021534**

Wellnmbr:	2097907	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	33
Qqqqq:	SE NW SW NW NE	Elev:	0
Elev acc:	Not Reported	Well depth:	28
Br depth:	-99	Wtr depth:	22
Latn:	41.517		
Longn:	-93.6247		
Dte done:	01/01/1991	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	unknown		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	447874.32		
Ycoord:	4596339.91		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000021534

L121
West
1/2 - 1 Mile
Higher

IA WELLS **IAPW10000021533**

Wellnmbr:	2097907	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	33
Qqqqq:	SE NW SW NW NE	Elev:	0
Elev acc:	Not Reported	Well depth:	28
Br depth:	-99	Wtr depth:	22
Latn:	41.517		
Longn:	-93.6247		
Dte done:	01/01/1991	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	unknown		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	447874.32		

Ycoord:	4596339.91		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000021533

O122
WSW
1/2 - 1 Mile
Higher

IA WELLS **IAPU10000056698**

Mapid:	238548		
Wellid:	2097931	Id src fld:	wellnmbr
Datasrc:	PWTS	Location:	T. 78 N., R. 24 W., Sec. 33, SE SW NW SW SE
Well type:	Private well tracking system	Est loc ac:	nom. +/- 25m.
Depth:	24	C p date:	1/01/1991
Owner name:	Unknown		
Other info:	Status: Plugged Use: Monitoring		
Xcoord:	447915.29		
Ycoord:	4596010.6		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000056698

K123
WNW
1/2 - 1 Mile
Higher

IA WELLS **IAPW10000021801**

Wellnmbr:	2098052	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	33
Qqqqq:	NE SW NW SE NE	Elev:	0
Elev acc:	Not Reported	Well depth:	23
Br depth:	-99	Wtr depth:	14
Latn:	41.5216		
Longn:	-93.6234		
Dte done:	01/01/1999	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	unknown		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	447986.47		
Ycoord:	4596849.82		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000021801

K124
WNW
1/2 - 1 Mile
Higher

IA WELLS **IAPW10000021800**

Wellnmbr:	2098052	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	33
Qqqqq:	NE SW NW SE NE	Elev:	0
Elev acc:	Not Reported	Well depth:	23
Br depth:	-99	Wtr depth:	14
Latn:	41.5216		
Longn:	-93.6234		
Dte done:	01/01/1999	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	unknown		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	447986.47		
Ycoord:	4596849.82		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000021800

O125
WSW
1/2 - 1 Mile
Higher

IA WELLS **IAPW10000021420**

Wellnmbr:	2097931	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	33
Qqqqq:	SE SW NW SW SE	Elev:	0
Elev acc:	Not Reported	Well depth:	24
Br depth:	-99	Wtr depth:	16
Latn:	41.514		
Longn:	-93.6243		
Dte done:	01/01/1991	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	unknown		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	447905.29		
Ycoord:	4596006.61		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000021420

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
O126 **WSW** **1/2 - 1 Mile** **Higher**	**IA WELLS**	**IAPW10000021421**

Wellnmbr:	2097931	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	33
Qqqqq:	SE SW NW SW SE	Elev:	0
Elev acc:	Not Reported	Well depth:	24
Br depth:	-99	Wtr depth:	16
Latn:	41.514		
Longn:	-93.6243		
Dte done:	01/01/1991	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	unknown		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	447905.29		
Ycoord:	4596006.61		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000021421

	Database	EDR ID Number
K127 **WNW** **1/2 - 1 Mile** **Higher**	**IA WELLS**	**IAPW10000021769**

Wellnmbr:	2098057	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	33
Qqqqq:	NE SW SW NE NW	Elev:	0
Elev acc:	Not Reported	Well depth:	27
Br depth:	-99	Wtr depth:	26
Latn:	41.5209		
Longn:	-93.624		
Dte done:	01/01/1992	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	unknown		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	447935.85		

Ycoord:	4596772.47		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000021769

K128
WNW
1/2 - 1 Mile
Higher

IA WELLS **IAPW10000021770**

Wellnmbr:	2098057	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	33
Qqqqq:	NE SW SW NE NW	Elev:	0
Elev acc:	Not Reported	Well depth:	27
Br depth:	-99	Wtr depth:	26
Latn:	41.5209		
Longn:	-93.624		
Dte done:	01/01/1992	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	unknown		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	447935.85		
Ycoord:	4596772.47		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000021770

K129
WNW
1/2 - 1 Mile
Higher

IA WELLS **IAPU10000057611**

Mapid:	237664		
Wellid:	2098057	Id src fld:	wellnmbr
Datasrc:	PWTS	Location:	T. 78 N., R. 24 W., Sec. 33, NE SW SW NE NW
Well type:	Private well tracking system	Est loc ac:	nom. +/- 25m.
Depth:	27	C p date:	1/01/1992
Owner name:	Unknown		
Other info:	Status: Plugged Use: Monitoring		
Xcoord:	447937.85		
Ycoord:	4596781.4		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000057611

K130
WNW
1/2 - 1 Mile
Higher

IA WELLS **IAPW10000021777**

Wellnmbr:	2098053	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	33
Qqqqq:	NE SW NW SE SW	Elev:	0
Elev acc:	Not Reported	Well depth:	17
Br depth:	-99	Wtr depth:	4
Latn:	41.5211		
Longn:	-93.624		
Dte done:	01/01/1999	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	unknown		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	447936.01		
Ycoord:	4596794.67		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000021777

K131
WNW
1/2 - 1 Mile
Higher

IA WELLS **IAPW10000021778**

Wellnmbr:	2098053	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	33
Qqqqq:	NE SW NW SE SW	Elev:	0
Elev acc:	Not Reported	Well depth:	17
Br depth:	-99	Wtr depth:	4
Latn:	41.5211		
Longn:	-93.624		
Dte done:	01/01/1999	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	unknown		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	447936.01		
Ycoord:	4596794.67		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000021778

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

K132
WNW
1/2 - 1 Mile
Higher

IA WELLS **IAPU10000057634**

Mapid:	237636		
Wellid:	2098053	Id src fld:	wellnmbr
Datasrc:	PWTS	Location:	T. 78 N., R. 24 W., Sec. 33, NE SW NW SE SW
Well type:	Private well tracking system	Est loc ac:	nom. +/- 25m.
Depth:	17	C p date:	1/01/1999
Owner name:	Unknown		
Other info:	Status: Plugged Use: Monitoring		
Xcoord:	447930.01		
Ycoord:	4596796.6		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000057634

P133
ESE
1/2 - 1 Mile
Lower

IA WELLS **IAPU10000056516**

Mapid:	238708		
Wellid:	33735	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 35, SW, SW, SW
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 140m.
Depth:	15	C p date:	n.a.
Owner name:	The Earthgrains Company		
Other info:	Well plugged: 10/13/1998; Well type: < 18" dia.		
Xcoord:	450302.75		
Ycoord:	4595845		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000056516

P134
ESE
1/2 - 1 Mile
Lower

IA WELLS **IAPU10000056502**

Mapid:	238728		
Wellid:	33404	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 35, SW, SW, SW
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 140m.
Depth:	15	C p date:	n.a.
Owner name:	Earthgrains Company		
Other info:	Well plugged: 10/13/1998; Well type: < 18" dia.		
Xcoord:	450304.75		
Ycoord:	4595838		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000056502

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

P135
ESE
1/2 - 1 Mile
Lower

IA WELLS **IAPU10000056495**

Mapid:	238737		
Wellid:	33733	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 35, SW, SW, SW
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 140m.
Depth:	15	C p date:	n.a.
Owner name:	The Earthgrains Company		
Other info:	Well plugged: 10/13/1998; Well type: < 18" dia.		
Xcoord:	450303.75		
Ycoord:	4595835		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000056495

P136
ESE
1/2 - 1 Mile
Lower

IA WELLS **IAPU10000056503**

Mapid:	238726		
Wellid:	33409	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 35, SW, SW, SW
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 140m.
Depth:	13	C p date:	n.a.
Owner name:	Earthgrains Company		
Other info:	Well plugged: 10/13/1998; Well type: < 18" dia.		
Xcoord:	450305.75		
Ycoord:	4595839		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000056503

P137
ESE
1/2 - 1 Mile
Lower

IA WELLS **IAPU10000056505**

Mapid:	238724		
Wellid:	33737	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 35, SW, SW, SW
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 140m.
Depth:	20	C p date:	n.a.
Owner name:	The Earthgrains Company		
Other info:	Well plugged: 10/13/1998; Well type: < 18" dia.		
Xcoord:	450306.75		
Ycoord:	4595841		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000056505

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

P138
ESE
1/2 - 1 Mile
Lower

IA WELLS **IAPU10000056498**

Mapid:	238734		
Wellid:	33400	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 35, SW, SW, SW
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 140m.
Depth:	20	C p date:	n.a.
Owner name:	Earthgrains Company		
Other info:	Well plugged: 10/13/1998; Well type: < 18" dia.		
Xcoord:	450305.75		
Ycoord:	4595836		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000056498

Q139
WNW
1/2 - 1 Mile
Higher

IA WELLS **IAPU10000057738**

Mapid:	237533		
Wellid:	25210	Id src fld:	recordno
Datasrc:	PVTP	Location:	T. 78 N., R. 24 W., Sec. 33, NE, SW, NW
Well type:	Permitted private wells	Est loc ac:	Calc. +/- 140m.
Depth:	unkn	C p date:	unkn
Owner name:	Us Army Corps Of Engineer		
Other info:	Primary use: monitoring		
Xcoord:	447917.56		
Ycoord:	4596877		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000057738

P140
ESE
1/2 - 1 Mile
Lower

IA WELLS **IAPU10000056508**

Mapid:	238713		
Wellid:	33399	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 35, SW, SW, SW
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 140m.
Depth:	15	C p date:	n.a.
Owner name:	Earthgrains Company		
Other info:	Well plugged: 10/13/1998; Well type: < 18" dia.		
Xcoord:	450309.75		
Ycoord:	4595843		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000056508

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

P141
ESE
1/2 - 1 Mile
Lower

IA WELLS **IAPU10000056509**

Mapid:	238714		
Wellid:	33738	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 35, SW, SW, SW
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 140m.
Depth:	15	C p date:	n.a.
Owner name:	The Earthgrains Company		
Other info:	Well plugged: 10/13/1998; Well type: < 18" dia.		
Xcoord:	450310.75		
Ycoord:	4595843		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000056509

P142
ESE
1/2 - 1 Mile
Lower

IA WELLS **IAPU10000056496**

Mapid:	238738		
Wellid:	33728	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 35, SW, SW, SW
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 140m.
Depth:	20	C p date:	n.a.
Owner name:	The Earthgrains Company		
Other info:	Well plugged: 10/13/1998; Well type: < 18" dia.		
Xcoord:	450307.75		
Ycoord:	4595835		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000056496

Q143
WNW
1/2 - 1 Mile
Higher

IA WELLS **IAPU10000057746**

Mapid:	237529		
Wellid:	25209	Id src fld:	recordno
Datasrc:	PVTP	Location:	T. 78 N., R. 24 W., Sec. 33, NE, SW, NW
Well type:	Permitted private wells	Est loc ac:	Calc. +/- 140m.
Depth:	unkn	C p date:	unkn
Owner name:	Us Army Corps Of Engineer		
Other info:	Primary use: monitoring		
Xcoord:	447917.56		
Ycoord:	4596881		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000057746

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

P144
ESE
1/2 - 1 Mile
Lower

IA WELLS **IAPU10000056512**

Mapid:	238710		
Wellid:	33403	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 35, SW, SW, SW
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 140m.
Depth:	15	C p date:	n.a.
Owner name:	Earthgrains Company		
Other info:	Well plugged: 10/13/1998; Well type: < 18" dia.		
Xcoord:	450311.75		
Ycoord:	4595844		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000056512

P145
ESE
1/2 - 1 Mile
Lower

IA WELLS **IAPU10000056506**

Mapid:	238720		
Wellid:	33732	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 35, SW, SW, SW
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 140m.
Depth:	15	C p date:	n.a.
Owner name:	The Earthgrains Company		
Other info:	Well plugged: 10/13/1998; Well type: < 18" dia.		
Xcoord:	450311.75		
Ycoord:	4595842		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000056506

P146
ESE
1/2 - 1 Mile
Lower

IA WELLS **IAPU10000056513**

Mapid:	238711		
Wellid:	33730	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 35, SW, SW, SW
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 140m.
Depth:	20	C p date:	n.a.
Owner name:	The Earthgrains Company		
Other info:	Well plugged: 10/13/1998; Well type: < 18" dia.		
Xcoord:	450313.75		
Ycoord:	4595844		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000056513

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

P147
ESE
1/2 - 1 Mile
Lower

IA WELLS **IAPU10000056488**

Mapid:	238762		
Wellid:	33408	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 35, SW, SW, SW
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 140m.
Depth:	15	C p date:	n.a.
Owner name:	Earthgrains Company		
Other info:	Well plugged: 10/13/1998; Well type: < 18" dia.		
Xcoord:	450308.75		
Ycoord:	4595830		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000056488

P148
ESE
1/2 - 1 Mile
Lower

IA WELLS **IAPU10000056491**

Mapid:	238747		
Wellid:	33402	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 35, SW, SW, SW
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 140m.
Depth:	15	C p date:	n.a.
Owner name:	Earthgrains Company		
Other info:	Well plugged: 10/13/1998; Well type: < 18" dia.		
Xcoord:	450310.75		
Ycoord:	4595833		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000056491

P149
ESE
1/2 - 1 Mile
Lower

IA WELLS **IAPU10000056489**

Mapid:	238754		
Wellid:	33736	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 35, SW, SW, SW
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 140m.
Depth:	15	C p date:	n.a.
Owner name:	The Earthgrains Company		
Other info:	Well plugged: 10/13/1998; Well type: < 18" dia.		
Xcoord:	450311.75		
Ycoord:	4595832		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000056489

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

Q150
WNW
1/2 - 1 Mile
Higher | **IA WELLS** | **IAPU10000057756**

Mapid:	237519		
Wellid:	25205	Id src fld:	recordno
Datasrc:	PVTP	Location:	T. 78 N., R. 24 W., Sec. 33, NE, SW, NW
Well type:	Permitted private wells	Est loc ac:	Calc. +/- 140m.
Depth:	unkn	C p date:	unkn
Owner name:	Us Army Corps Of Engineer		
Other info:	Primary use: monitoring		
Xcoord:	447914.56		
Ycoord:	4596886		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000057756

P151
ESE
1/2 - 1 Mile
Lower | **IA WELLS** | **IAPU10000056493**

Mapid:	238742		
Wellid:	33729	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 35, SW, SW, SW
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 140m.
Depth:	15	C p date:	n.a.
Owner name:	The Earthgrains Company		
Other info:	Well plugged: 10/13/1998; Well type: < 18" dia.		
Xcoord:	450312.75		
Ycoord:	4595834		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000056493

P152
ESE
1/2 - 1 Mile
Lower | **IA WELLS** | **IAPU10000056499**

Mapid:	238735		
Wellid:	33405	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 35, SW, SW, SW
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 140m.
Depth:	15	C p date:	n.a.
Owner name:	Earthgrains Company		
Other info:	Well plugged: 10/13/1998; Well type: < 18" dia.		
Xcoord:	450314.75		
Ycoord:	4595836		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000056499

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

Q153
WNW
1/2 - 1 Mile
Higher | **IA WELLS** | **IAPR10000004941**

Recordno:	25209	Twp:	78
N s:	N	Rge:	24
E w:	W	Sec:	33
Qqqqq:	NE SW NW	Q abc:	ACB
Permit:	Not Reported	App role:	A
Appfirst:	Not Reported	Applast:	CET ENVIRONMENTAL SERVICE
Appaddr:	7032 S. REVERE PARKWAY	Appcity:	ENGLEWOOD
Appst:	CO	Appzip:	80112
Appphone:	7208759115	Ownerfirst:	Not Reported
Ownerlast:	US ARMY CORPS OF ENGINEER	Owneraddr:	Not Reported
Ownercity:	Not Reported	Ownerst:	Not Reported
Ownerzip:	Not Reported	Ownerphone:	Not Reported
County:	77	Status:	Not Reported
Legal:	NWSWNE33 7824W	Depth:	0
Appdate:	07/25/1999	Prmtdate:	08/02/1999
Use1:	MONITORING	Use2:	Not Reported
Contname:	J & R Drilling Services Inc.	Contid:	Not Reported
Welldrlr:	Coons, Raymond	Certnum:	40360
Constguess:	Not Reported	Const:	08/30/1999
E1use1:	Not Reported	E1use2:	Not Reported
E1dpth:	0	E1legal:	Not Reported
E1const:	Not Reported	E1status:	Not Reported
E2use1:	Not Reported	E2use2:	Not Reported
E2dpth:	0	E2legal:	Not Reported
E2const:	Not Reported	E2status:	Not Reported
E3use1:	Not Reported	E3use2:	Not Reported
E3dpth:	0	E3legal:	Not Reported
E3const:	Not Reported	E3status:	Not Reported
Agentfirst:	Not Reported	Agentlast:	Not Reported
Created:	kwillet 09/29/99 15:02:44	Checked:	kwillet 09/29/99 15:02:55
Updated:	kwillet 09/29/99 15:02:55	Prm recs:	0
Well p:	0	Well e:	0
Utm x:	447909.56		
Utm y:	4596881		
Site id:	IAPR10000004941		

Q154
WNW
1/2 - 1 Mile
Higher | **IA WELLS** | **IAPR10000004942**

Recordno:	25210	Twp:	78
N s:	N	Rge:	24
E w:	W	Sec:	33
Qqqqq:	NE SW NW	Q abc:	ACB
Permit:	Not Reported	App role:	A
Appfirst:	Not Reported	Applast:	CET ENVIRONMENTAL SERVICE
Appaddr:	7032 S. REVERE PARKWAY	Appcity:	ENGLEWOOD
Appst:	CO	Appzip:	80112
Appphone:	7208759115	Ownerfirst:	Not Reported
Ownerlast:	US ARMY CORPS OF ENGINEER	Owneraddr:	Not Reported

Ownercity:	Not Reported	Ownerst:	Not Reported
Ownerzip:	Not Reported	Ownerphone:	Not Reported
County:	77	Status:	Not Reported
Legal:	NWSWNE33 7824W	Depth:	0
Appdate:	07/25/1999	Prmtdate:	08/02/1999
Use1:	MONITORING	Use2:	Not Reported
Contname:	J & R Drilling Services Inc.	Contid:	Not Reported
Welldrlr:	Coons, Raymond	Certnum:	40360
Constguess:	Not Reported	Const:	08/30/1999
E1use1:	Not Reported	E1use2:	Not Reported
E1dpth:	0	E1legal:	Not Reported
E1const:	Not Reported	E1status:	Not Reported
E2use1:	Not Reported	E2use2:	Not Reported
E2dpth:	0	E2legal:	Not Reported
E2const:	Not Reported	E2status:	Not Reported
E3use1:	Not Reported	E3use2:	Not Reported
E3dpth:	0	E3legal:	Not Reported
E3const:	Not Reported	E3status:	Not Reported
Agentfirst:	Not Reported	Agentlast:	Not Reported
Created:	kwillet 09/29/99 15:03:25	Checked:	kwillet 09/29/99 15:03:41
Updated:	kwillet 09/29/99 15:03:41	Prm recs:	0
Well p:	0	Well e:	0
Utm x:	447909.56		
Utm y:	4596881		
Site id:	IAPR10000004942		

Q155
WNW
1/2 - 1 Mile
Higher

IA WELLS **IAPR10000004938**

Recordno:	25206	Twp:	78
N s:	N	Rge:	24
E w:	W	Sec:	33
Qqqqq:	NE SW NW	Q abc:	ACB
Permit:	Not Reported	App role:	A
Appfirst:	Not Reported	Applast:	CET ENVIRONMENTAL SERVICE
Appaddr:	7032 S. REVERE PARKWAY	Appcity:	ENGLEWOOD
Appst:	CO	Appzip:	80112
Appphone:	7208759115	Ownerfirst:	Not Reported
Ownerlast:	US ARMY CORPS OF ENGINEER	Owneraddr:	Not Reported
Ownercity:	Not Reported	Ownerst:	Not Reported
Ownerzip:	Not Reported	Ownerphone:	Not Reported
County:	77	Status:	Not Reported
Legal:	NWSWNE33 7824W	Depth:	0
Appdate:	07/25/1999	Prmtdate:	08/02/1999
Use1:	MONITORING	Use2:	Not Reported
Contname:	J & R Drilling Services Inc.	Contid:	Not Reported
Welldrlr:	Coons, Raymond	Certnum:	40360
Constguess:	Not Reported	Const:	08/30/1999
E1use1:	Not Reported	E1use2:	Not Reported
E1dpth:	0	E1legal:	Not Reported
E1const:	Not Reported	E1status:	Not Reported
E2use1:	Not Reported	E2use2:	Not Reported
E2dpth:	0	E2legal:	Not Reported
E2const:	Not Reported	E2status:	Not Reported
E3use1:	Not Reported	E3use2:	Not Reported
E3dpth:	0	E3legal:	Not Reported
E3const:	Not Reported	E3status:	Not Reported
Agentfirst:	Not Reported	Agentlast:	Not Reported
Created:	kwillet 09/29/99 15:01:14	Checked:	kwillet 09/29/99 15:02:32

Updated:	kwillet 09/29/99 15:02:32	Prm recs:	0
Well p:	0	Well e:	0
Utm x:	447909.56		
Utm y:	4596881		
Site id:	IAPR10000004938		

Q156
WNW
1/2 - 1 Mile
Higher

IA WELLS **IAPR10000004937**

Recordno:	25205	Twp:	78
N s:	N	Rge:	24
E w:	W	Sec:	33
Qqqqq:	NE SW NW	Q abc:	ACB
Permit:	Not Reported	App role:	A
Appfirst:	Not Reported	Applast:	CET ENVIRONMENTAL SERVICE
Appaddr:	7032 S. REVERE PARKWAY	Appcity:	ENGLEWOOD
Appst:	CO	Appzip:	80112
Appphone:	7208759115	Ownerfirst:	Not Reported
Ownerlast:	US ARMY CORPS OF ENGINEER	Owneraddr:	Not Reported
Ownercity:	Not Reported	Ownerst:	Not Reported
Ownerzip:	Not Reported	Ownerphone:	Not Reported
County:	77	Status:	Not Reported
Legal:	NWSWNE33 7824W	Depth:	0
Appdate:	07/25/1999	Prmtdate:	08/02/1999
Use1:	MONITORING	Use2:	Not Reported
Contname:	J & R Drilling Services Inc.	Contid:	Not Reported
Welldrlr:	Coons, Raymond	Certnum:	40360
Constguess:	Not Reported	Const:	10/04/1999
E1use1:	Not Reported	E1use2:	Not Reported
E1dpth:	0	E1legal:	Not Reported
E1const:	Not Reported	E1status:	Not Reported
E2use1:	Not Reported	E2use2:	Not Reported
E2dpth:	0	E2legal:	Not Reported
E2const:	Not Reported	E2status:	Not Reported
E3use1:	Not Reported	E3use2:	Not Reported
E3dpth:	0	E3legal:	Not Reported
E3const:	Not Reported	E3status:	Not Reported
Agentfirst:	Not Reported	Agentlast:	Not Reported
Created:	kwillet 09/29/99 14:59:09	Checked:	kwillet 09/29/99 15:02:40
Updated:	kwillet 09/29/99 15:02:40	Prm recs:	0
Well p:	0	Well e:	0
Utm x:	447909.56		
Utm y:	4596881		
Site id:	IAPR10000004937		

Q157
WNW
1/2 - 1 Mile
Higher

IA WELLS **IAPR10000004940**

Recordno:	25208	Twp:	78
N s:	N	Rge:	24
E w:	W	Sec:	33
Qqqqq:	NE SW NW	Q abc:	ACB
Permit:	Not Reported	App role:	A
Appfirst:	Not Reported	Applast:	CET ENVIRONMENTAL SERVICE
Appaddr:	7032 S. REVERE PARKWAY	Appcity:	ENGLEWOOD
Appst:	CO	Appzip:	80112
Appphone:	7208759115	Ownerfirst:	Not Reported
Ownerlast:	US ARMY CORPS OF ENGINEER	Owneraddr:	Not Reported
Ownercity:	Not Reported	Ownerst:	Not Reported
Ownerzip:	Not Reported	Ownerphone:	Not Reported
County:	77	Status:	Not Reported
Legal:	NWSWNE33 7824W	Depth:	0
Appdate:	07/25/1999	Prmtdate:	08/02/1999
Use1:	MONITORING	Use2:	Not Reported
Contname:	J & R Drilling Services Inc.	Contid:	Not Reported
Welldrlr:	Coons, Raymond	Certnum:	40360
Constguess:	Not Reported	Const:	08/30/1999
E1use1:	Not Reported	E1use2:	Not Reported
E1dpth:	0	E1legal:	Not Reported
E1const:	Not Reported	E1status:	Not Reported
E2use1:	Not Reported	E2use2:	Not Reported
E2dpth:	0	E2legal:	Not Reported
E2const:	Not Reported	E2status:	Not Reported
E3use1:	Not Reported	E3use2:	Not Reported
E3dpth:	0	E3legal:	Not Reported
E3const:	Not Reported	E3status:	Not Reported
Agentfirst:	Not Reported	Agentlast:	Not Reported
Created:	kwillet 09/29/99 15:02:05	Checked:	kwillet 09/29/99 15:02:16
Updated:	kwillet 09/29/99 15:02:16	Prm recs:	0
Well p:	0	Well e:	0
Utm x:	447909.56		
Utm y:	4596881		
Site id:	IAPR10000004940		

Q158
WNW
1/2 - 1 Mile
Higher

IA WELLS **IAPR10000004939**

Recordno:	25207	Twp:	78
N s:	N	Rge:	24
E w:	W	Sec:	33
Qqqqq:	NE SW NW	Q abc:	ACB
Permit:	Not Reported	App role:	A
Appfirst:	Not Reported	Applast:	CET ENVIRONMENTAL SERVICE
Appaddr:	7032 S. REVERE PARKWAY	Appcity:	ENGLEWOOD
Appst:	CO	Appzip:	80112
Appphone:	7208759115	Ownerfirst:	Not Reported
Ownerlast:	US ARMY CORPS OF ENGINEER	Owneraddr:	Not Reported
Ownercity:	Not Reported	Ownerst:	Not Reported
Ownerzip:	Not Reported	Ownerphone:	Not Reported
County:	77	Status:	Not Reported
Legal:	NWSWNE33 7824W	Depth:	0
Appdate:	07/25/1999	Prmtdate:	08/02/1999
Use1:	MONITORING	Use2:	Not Reported
Contname:	J & R Drilling Services Inc.	Contid:	Not Reported
Welldrlr:	Coons, Raymond	Certnum:	40360
Constguess:	Not Reported	Const:	08/30/1999
E1use1:	Not Reported	E1use2:	Not Reported

E1dpth:	0	E1legal:	Not Reported
E1const:	Not Reported	E1status:	Not Reported
E2use1:	Not Reported	E2use2:	Not Reported
E2dpth:	0	E2legal:	Not Reported
E2const:	Not Reported	E2status:	Not Reported
E3use1:	Not Reported	E3use2:	Not Reported
E3dpth:	0	E3legal:	Not Reported
E3const:	Not Reported	E3status:	Not Reported
Agentfirst:	Not Reported	Agentlast:	Not Reported
Created:	kwillet 09/29/99 15:01:44	Checked:	kwillet 09/29/99 15:02:25
Updated:	kwillet 09/29/99 15:02:25	Prm recs:	0
Well p:	0	Well e:	0
Utm x:	447909.56		
Utm y:	4596881		
Site id:	IAPR10000004939		

P159
ESE
1/2 - 1 Mile
Lower

IA WELLS **IAPU10000056507**

Mapid:	238721		
Wellid:	33731	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 35, SW, SW, SW
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 140m.
Depth:	20	C p date:	n.a.
Owner name:	The Earthgrains Company		
Other info:	Well plugged: 10/13/1998; Well type: < 18" dia.		
Xcoord:	450318.75		
Ycoord:	4595842		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000056507

Q160
WNW
1/2 - 1 Mile
Higher

IA WELLS **IAPU10000057748**

Mapid:	237526		
Wellid:	25207	Id src fld:	recordno
Datasrc:	PVTP	Location:	T. 78 N., R. 24 W., Sec. 33, NE, SW, NW
Well type:	Permitted private wells	Est loc ac:	Calc. +/- 140m.
Depth:	unkn	C p date:	unkn
Owner name:	Us Army Corps Of Engineer		
Other info:	Primary use: monitoring		
Xcoord:	447909.56		
Ycoord:	4596882		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000057748

P161
ESE
1/2 - 1 Mile
Lower

IA WELLS **IAPU10000056510**

Mapid:	238715		
Wellid:	33398	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 35, SW, SW, SW
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 140m.
Depth:	20	C p date:	n.a.
Owner name:	Earthgrains Company		
Other info:	Well plugged: 10/13/1998; Well type: < 18" dia.		
Xcoord:	450320.75		
Ycoord:	4595843		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000056510

P162
ESE **IA WELLS** **IAPU10000056497**
1/2 - 1 Mile
Lower

Mapid:	238739		
Wellid:	33407	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 35, SW, SW, SW
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 140m.
Depth:	20	C p date:	n.a.
Owner name:	Earthgrains Company		
Other info:	Well plugged: 10/13/1998; Well type: < 18" dia.		
Xcoord:	450317.75		
Ycoord:	4595835		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000056497

P163
ESE **IA WELLS** **IAPU10000056500**
1/2 - 1 Mile
Lower

Mapid:	238736		
Wellid:	33406	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 35, SW, SW, SW
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 140m.
Depth:	15	C p date:	n.a.
Owner name:	Earthgrains Company		
Other info:	Well plugged: 10/13/1998; Well type: < 18" dia.		
Xcoord:	450318.75		
Ycoord:	4595836		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000056500

P164
ESE **IA WELLS** **IAPU10000056490**
1/2 - 1 Mile
Lower

Mapid:	238755		
Wellid:	33739	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 35, SW, SW, SW
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 140m.
Depth:	13	C p date:	n.a.
Owner name:	The Earthgrains Company		
Other info:	Well plugged: 10/13/1998; Well type: < 18" dia.		
Xcoord:	450317.75		
Ycoord:	4595832		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000056490

Q165
WNW
1/2 - 1 Mile
Higher

IA WELLS **IAPU10000057759**

Mapid:	237517		
Wellid:	25208	Id src fld:	recordno
Datasrc:	PVTP	Location:	T. 78 N., R. 24 W., Sec. 33, NE, SW, NW
Well type:	Permitted private wells	Est loc ac:	Calc. +/- 140m.
Depth:	unkn	C p date:	unkn
Owner name:	Us Army Corps Of Engineer		
Other info:	Primary use: monitoring		
Xcoord:	447906.56		
Ycoord:	4596887		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000057759

P166
ESE
1/2 - 1 Mile
Lower

IA WELLS **IAPU10000056487**

Mapid:	238763		
Wellid:	33734	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 35, SW, SW, SW
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 140m.
Depth:	15	C p date:	n.a.
Owner name:	The Earthgrains Company		
Other info:	Well plugged: 10/13/1998; Well type: < 18" dia.		
Xcoord:	450319.75		
Ycoord:	4595829		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000056487

P167
ESE
1/2 - 1 Mile
Lower

IA WELLS **IAPU10000056481**

Mapid:	238770		
Wellid:	33401	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 35, SW, SW, SW
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 140m.
Depth:	20	C p date:	n.a.
Owner name:	Earthgrains Company		
Other info:	Well plugged: 10/13/1998; Well type: < 18" dia.		
Xcoord:	450319.75		
Ycoord:	4595827		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000056481

Q168
WNW **IA WELLS** **IAPU10000057744**
1/2 - 1 Mile
Higher

Mapid:	237528		
Wellid:	25206	Id src fld:	recordno
Datasrc:	PVTP	Location:	T. 78 N., R. 24 W., Sec. 33, NE, SW, NW
Well type:	Permitted private wells	Est loc ac:	Calc. +/- 140m.
Depth:	unkn	C p date:	unkn
Owner name:	Us Army Corps Of Engineer		
Other info:	Primary use: monitoring		
Xcoord:	447900.56		
Ycoord:	4596881		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000057744

R169
SSW **IA WELLS** **IAPU10000055771**
1/2 - 1 Mile
Higher

Mapid:	239526		
Wellid:	13667	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 77 N., R. 24 W., Sec. 4, --, NE, SE
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 140m.
Depth:	10	C p date:	n.a.
Owner name:	Werning, David/Mary Kay		
Other info:	Well plugged: 8/12/1991; Well type: not reported		
Xcoord:	448396.16		
Ycoord:	4595175.5		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000055771

R170
SSW **IA WELLS** **IAPU10000055764**
1/2 - 1 Mile
Higher

Mapid:	239538		
Wellid:	13668	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 77 N., R. 24 W., Sec. 4, --, NE, SE
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 140m.
Depth:	26	C p date:	n.a.
Owner name:	Werning, Mary Kay/David		
Other info:	Well plugged: 8/12/1991; Well type: > 18" dia.		
Xcoord:	448403.16		
Ycoord:	4595165.5		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000055764

Q171
WNW
1/2 - 1 Mile
Higher

IA WELLS **IAPW10000021826**

Wellnmbr:	2098063	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	33
Qqqqq:	NE SW NW NW SW	Elev:	0
Elev acc:	Not Reported	Well depth:	22
Br depth:	-99	Wtr depth:	5
Latn:	41.5221		
Longn:	-93.6252		
Dte done:	01/01/1992	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	unknown		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	447836.69		
Ycoord:	4596906.42		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000021826

Q172
WNW
1/2 - 1 Mile
Higher

IA WELLS **IAPW10000021827**

Wellnmbr:	2098063	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	33
Qqqqq:	NE SW NW NW SW	Elev:	0
Elev acc:	Not Reported	Well depth:	22
Br depth:	-99	Wtr depth:	5
Latn:	41.5221		
Longn:	-93.6252		
Dte done:	01/01/1992	Cty num:	0
County:	Polk		

Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	unknown		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	447836.69		
Ycoord:	4596906.42		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000021827

Q173
WNW
1/2 - 1 Mile
Higher

IA WELLS **IAPU10000057776**

Mapid:	237507		
Wellid:	2098063	Id src fld:	wellnmbr
Datasrc:	PWTS	Location:	T. 78 N., R. 24 W., Sec. 33, NE SW NW NW SW
Well type:	Private well tracking system	Est loc ac:	nom. +/- 25m.
Depth:	22	C p date:	1/01/1992
Owner name:	Unknown		
Other info:	Status: Plugged Use: Monitoring		
Xcoord:	447828.69		
Ycoord:	4596897.4		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000057776

S174
West
1/2 - 1 Mile
Lower

IA WELLS **IAPW10000021508**

Wellnmbr:	2098058	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	33
Qqqqq:	SW NE SE SW NE	Elev:	0
Elev acc:	Not Reported	Well depth:	23
Br depth:	-99	Wtr depth:	12
Latn:	41.5165		
Longn:	-93.6271		
Dte done:	01/01/1992	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	unknown		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	447673.66		

Ycoord:	4596285.85		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000021508

S175
West
1/2 - 1 Mile
Lower

IA WELLS **IAPW10000021509**

Wellnmbr:	2098058	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	33
Qqqqq:	SW NE SE SW NE	Elev:	0
Elev acc:	Not Reported	Well depth:	23
Br depth:	-99	Wtr depth:	12
Latn:	41.5165		
Longn:	-93.6271		
Dte done:	01/01/1992	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	unknown		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	447673.66		
Ycoord:	4596285.85		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000021509

S176
West
1/2 - 1 Mile
Lower

IA WELLS **IAPU10000057020**

Mapid:	238203		
Wellid:	2098058	Id src fld:	wellnmbr
Datasrc:	PWTS	Location:	T. 78 N., R. 24 W., Sec. 33, SW NE SE SW NE
Well type:	Private well tracking system	Est loc ac:	nom. +/- 25m.
Depth:	23	C p date:	1/01/1992
Owner name:	Unknown		
Other info:	Status: Plugged Use: Monitoring		
Xcoord:	447667.66		
Ycoord:	4596295.8		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000057020

T177
NW
1/2 - 1 Mile
Higher

IA WELLS **IAPU10000058339**

Mapid:	236945		
Wellid:	2077975	Id src fld:	wellnmbr
Datasrc:	PWTS	Location:	T. 78 N., R. 24 W., Sec. 28, SE SW SE SW SW
Well type:	Private well tracking system	Est loc ac:	nom. +/- 25m.
Depth:	14	C p date:	1/01/1990
Owner name:	Unknown		
Other info:	Status: Plugged Use: Monitoring		
Xcoord:	448019.67		
Ycoord:	4597417.9		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000058339

T178
NW
1/2 - 1 Mile
Higher

IA WELLS **IAPU10000058343**

Mapid:	236939		
Wellid:	2077972	Id src fld:	wellnmbr
Datasrc:	PWTS	Location:	T. 78 N., R. 24 W., Sec. 28, SE SW SE SW SW
Well type:	Private well tracking system	Est loc ac:	nom. +/- 25m.
Depth:	9	C p date:	1/01/1990
Owner name:	Unknown		
Other info:	Status: Plugged Use: Monitoring		
Xcoord:	448021.67		
Ycoord:	4597419.9		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000058343

T179
NW
1/2 - 1 Mile
Higher

IA WELLS **IAPU10000058348**

Mapid:	236934		
Wellid:	2077969	Id src fld:	wellnmbr
Datasrc:	PWTS	Location:	T. 78 N., R. 24 W., Sec. 28, SE SW SE SW SW
Well type:	Private well tracking system	Est loc ac:	nom. +/- 25m.
Depth:	12	C p date:	1/01/1990
Owner name:	Unknown		
Other info:	Status: Plugged Use: Monitoring		
Xcoord:	448019.67		
Ycoord:	4597422.9		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000058348

T180
NW
1/2 - 1 Mile
Higher

IA WELLS **IAPU10000058353**

Mapid:	236924		
Wellid:	2077977	Id src fld:	wellnmbr
Datasrc:	PWTS	Location:	T. 78 N., R. 24 W., Sec. 28, SE SW SE SW SW
Well type:	Private well tracking system	Est loc ac:	nom. +/- 25m.
Depth:	18	C p date:	1/01/1990
Owner name:	Unknown		
Other info:	Status: Plugged Use: Monitoring		
Xcoord:	448024.67		
Ycoord:	4597428.9		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000058353

181
WSW
1/2 - 1 Mile
Higher

IA WELLS **IAPU10000056363**

Mapid:	238970		
Wellid:	32249	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 77 N., R. 24 W., Sec. 4, NW, NE, NE
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 140m.
Depth:	36	C p date:	n.a.
Owner name:	Devore, Don		
Other info:	Well plugged: 5/6/1998; Well type: > 18" dia.		
Xcoord:	447705.94		
Ycoord:	4595678.5		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000056363

T182
NW
1/2 - 1 Mile
Higher

IA WELLS **IAPW10000022063**

Wellnmbr:	2077975	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	28
Qqqqq:	SE SW SE SW SW	Elev:	0
Elev acc:	Not Reported	Well depth:	14
Br depth:	-99	Wtr depth:	10
Latn:	41.5268		
Longn:	-93.6231		
Dte done:	01/01/1990	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	unknown		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	448015.67		

Ycoord:	4597426.95		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000022063

T183
NW
1/2 - 1 Mile
Higher

IA WELLS **IAPW10000022065**

Wellnmbr:	2077977	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	28
Qqqqq:	SE SW SE SW SW	Elev:	0
Elev acc:	Not Reported	Well depth:	18
Br depth:	-99	Wtr depth:	10
Latn:	41.5268		
Longn:	-93.6231		
Dte done:	01/01/1990	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	unknown		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	448015.67		
Ycoord:	4597426.95		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000022065

T184
NW
1/2 - 1 Mile
Higher

IA WELLS **IAPW10000022064**

Wellnmbr:	2077972	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	28
Qqqqq:	SE SW SE SW SW	Elev:	0
Elev acc:	Not Reported	Well depth:	9
Br depth:	-99	Wtr depth:	-99
Latn:	41.5268		
Longn:	-93.6231		
Dte done:	01/01/1990	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	unknown		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	448015.67		

Ycoord:	4597426.95		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000022064

T185
NW
1/2 - 1 Mile
Higher

IA WELLS **IAPW10000022066**

Wellnmbr:	2077969	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	28
Qqqqq:	SE SW SE SW SW	Elev:	0
Elev acc:	Not Reported	Well depth:	12
Br depth:	-99	Wtr depth:	10
Latn:	41.5268		
Longn:	-93.6231		
Dte done:	01/01/1990	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	unknown		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	448015.67		
Ycoord:	4597426.95		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000022066

T186
NW
1/2 - 1 Mile
Higher

IA WELLS **IAPW10000022062**

Wellnmbr:	2077969	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	28
Qqqqq:	SE SW SE SW SW	Elev:	0
Elev acc:	Not Reported	Well depth:	12
Br depth:	-99	Wtr depth:	10
Latn:	41.5268		
Longn:	-93.6231		
Dte done:	01/01/1990	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	unknown		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	448015.67		

Ycoord:	4597426.95		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000022062

T187
NW
1/2 - 1 Mile
Higher

IA WELLS **IAPW10000022061**

Wellnmbr:	2077977	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	28
Qqqqq:	SE SW SE SW SW	Elev:	0
Elev acc:	Not Reported	Well depth:	18
Br depth:	-99	Wtr depth:	10
Latn:	41.5268		
Longn:	-93.6231		
Dte done:	01/01/1990	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	unknown		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	448015.67		
Ycoord:	4597426.95		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000022061

T188
NW
1/2 - 1 Mile
Higher

IA WELLS **IAPW10000022067**

Wellnmbr:	2077975	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	28
Qqqqq:	SE SW SE SW SW	Elev:	0
Elev acc:	Not Reported	Well depth:	14
Br depth:	-99	Wtr depth:	10
Latn:	41.5268		
Longn:	-93.6231		
Dte done:	01/01/1990	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	unknown		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	448015.67		

Ycoord:	4597426.95		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000022067

T189
NW
1/2 - 1 Mile
Higher

IA WELLS **IAPW10000022068**

Wellnmbr:	2077972	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	28
Qqqqq:	SE SW SE SW SW	Elev:	0
Elev acc:	Not Reported	Well depth:	9
Br depth:	-99	Wtr depth:	-99
Latn:	41.5268		
Longn:	-93.6231		
Dte done:	01/01/1990	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	unknown		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	448015.67		
Ycoord:	4597426.95		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000022068

U190
NE
1/2 - 1 Mile
Higher

IA WELLS **IAPU10000058536**

Mapid:	236686		
Wellid:	2079583	Id src fld:	wellnmbr
Datasrc:	PWTS	Location:	T. 78 N., R. 24 W., Sec. 27, SE SE NW SE SE
Well type:	Private well tracking system	Est loc ac:	nom. +/- 25m.
Depth:	15	C p date:	1/01/1993
Owner name:	Lawrence, Davis		
Other info:	Status: Plugged Use: Monitoring		
Xcoord:	449993.32		
Ycoord:	4597607.8		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000058536

U191
NE
1/2 - 1 Mile
Higher

IA WELLS **IAPW10000022161**

Wellnmbr:	2079587	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	27
Qqqqq:	SE SE NW SE SE	Elev:	0
Elev acc:	Not Reported	Well depth:	15
Br depth:	-99	Wtr depth:	6
Latn:	41.5286		
Longn:	-93.5994		
Dte done:	01/01/1993	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Lawrence, Davis		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	449994.32		
Ycoord:	4597612.8		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000022161

U192
NE
1/2 - 1 Mile
Higher

IA WELLS **IAPW10000022160**

Wellnmbr:	2079584	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	27
Qqqqq:	SE SE NW SE SE	Elev:	0
Elev acc:	Not Reported	Well depth:	15
Br depth:	-99	Wtr depth:	6
Latn:	41.5286		
Longn:	-93.5994		
Dte done:	01/01/1993	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Lawrence, Davis		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	449994.32		
Ycoord:	4597612.8		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000022160

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

U193
NE
1/2 - 1 Mile
Higher

IA WELLS **IAPW10000022155**

Wellnmbr:	2079584	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	27
Qqqqq:	SE SE NW SE SE	Elev:	0
Elev acc:	Not Reported	Well depth:	15
Br depth:	-99	Wtr depth:	6
Latn:	41.5286		
Longn:	-93.5994		
Dte done:	01/01/1993	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Lawrence, Davis		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	449994.32		
Ycoord:	4597612.8		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000022155

U194
NE
1/2 - 1 Mile
Higher

IA WELLS **IAPW10000022156**

Wellnmbr:	2079587	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	27
Qqqqq:	SE SE NW SE SE	Elev:	0
Elev acc:	Not Reported	Well depth:	15
Br depth:	-99	Wtr depth:	6
Latn:	41.5286		
Longn:	-93.5994		
Dte done:	01/01/1993	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Lawrence, Davis		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	449994.32		

Ycoord:	4597612.8		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000022156

U195
NE
1/2 - 1 Mile
Higher

IA WELLS **IAPW10000022159**

Wellnmbr:	2079585	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	27
Qqqqq:	SE SE NW SE SE	Elev:	0
Elev acc:	Not Reported	Well depth:	15
Br depth:	-99	Wtr depth:	6
Latn:	41.5286		
Longn:	-93.5994		
Dte done:	01/01/1993	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Lawrence, Davis		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	449994.32		
Ycoord:	4597612.8		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000022159

U196
NE
1/2 - 1 Mile
Higher

IA WELLS **IAPW10000022154**

Wellnmbr:	2079585	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	27
Qqqqq:	SE SE NW SE SE	Elev:	0
Elev acc:	Not Reported	Well depth:	15
Br depth:	-99	Wtr depth:	6
Latn:	41.5286		
Longn:	-93.5994		
Dte done:	01/01/1993	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Lawrence, Davis		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	449994.32		

Ycoord:	4597612.8		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000022154

U197
NE
1/2 - 1 Mile
Higher

IA WELLS **IAPW10000022153**

Wellnmbr:	2079588	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	27
Qqqqq:	SE SE NW SE SE	Elev:	0
Elev acc:	Not Reported	Well depth:	15
Br depth:	-99	Wtr depth:	6
Latn:	41.5286		
Longn:	-93.5994		
Dte done:	01/01/2001	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Lawrence, Davis		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	449994.32		
Ycoord:	4597612.8		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000022153

U198
NE
1/2 - 1 Mile
Higher

IA WELLS **IAPW10000022157**

Wellnmbr:	2079583	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	27
Qqqqq:	SE SE NW SE SE	Elev:	0
Elev acc:	Not Reported	Well depth:	15
Br depth:	-99	Wtr depth:	6
Latn:	41.5286		
Longn:	-93.5994		
Dte done:	01/01/1993	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Lawrence, Davis		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	449994.32		

Ycoord:	4597612.8		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000022157

U199
NE
1/2 - 1 Mile
Higher

IA WELLS **IAPW10000022158**

Wellnmbr:	2079588	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	27
Qqqqq:	SE SE NW SE SE	Elev:	0
Elev acc:	Not Reported	Well depth:	15
Br depth:	-99	Wtr depth:	6
Latn:	41.5286		
Longn:	-93.5994		
Dte done:	01/01/2001	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Lawrence, Davis		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	449994.32		
Ycoord:	4597612.8		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000022158

U200
NE
1/2 - 1 Mile
Higher

IA WELLS **IAPW10000022152**

Wellnmbr:	2079583	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	27
Qqqqq:	SE SE NW SE SE	Elev:	0
Elev acc:	Not Reported	Well depth:	15
Br depth:	-99	Wtr depth:	6
Latn:	41.5286		
Longn:	-93.5994		
Dte done:	01/01/1993	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Lawrence, Davis		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	449994.32		

Ycoord:	4597612.8		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000022152

U201
NE
1/2 - 1 Mile
Higher

IA WELLS **IAPU10000058544**

Mapid:	236666		
Wellid:	2079588	Id src fld:	wellnmbr
Datasrc:	PWTS	Location:	T. 78 N., R. 24 W., Sec. 27, SE SE NW SE SE
Well type:	Private well tracking system	Est loc ac:	nom. +/- 25m.
Depth:	15	C p date:	1/01/2001
Owner name:	Lawrence, Davis		
Other info:	Status: Plugged Use: Monitoring		
Xcoord:	449988.32		
Ycoord:	4597617.8		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000058544

U202
NE
1/2 - 1 Mile
Higher

IA WELLS **IAPU10000058537**

Mapid:	236681		
Wellid:	2079584	Id src fld:	wellnmbr
Datasrc:	PWTS	Location:	T. 78 N., R. 24 W., Sec. 27, SE SE NW SE SE
Well type:	Private well tracking system	Est loc ac:	nom. +/- 25m.
Depth:	15	C p date:	1/01/1993
Owner name:	Lawrence, Davis		
Other info:	Status: Plugged Use: Monitoring		
Xcoord:	450000.32		
Ycoord:	4597609.8		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000058537

U203
NE
1/2 - 1 Mile
Higher

IA WELLS **IAPU10000058545**

Mapid:	236664		
Wellid:	2079585	Id src fld:	wellnmbr
Datasrc:	PWTS	Location:	T. 78 N., R. 24 W., Sec. 27, SE SE NW SE SE
Well type:	Private well tracking system	Est loc ac:	nom. +/- 25m.
Depth:	15	C p date:	1/01/1993
Owner name:	Lawrence, Davis		
Other info:	Status: Plugged Use: Monitoring		
Xcoord:	449989.32		
Ycoord:	4597618.8		
Hlink:	Not Reported		

Disperse:	1	Site id:	IAPU10000058545

U204
NE
1/2 - 1 Mile
Higher

IA WELLS **IAPU10000058546**

Mapid:	236660		
Wellid:	2079587	Id src fld:	wellnmbr
Datasrc:	PWTS	Location:	T. 78 N., R. 24 W., Sec. 27, SE SE NW SE SE
Well type:	Private well tracking system	Est loc ac:	nom. +/- 25m.
Depth:	15	C p date:	1/01/1993
Owner name:	Lawrence, Davis		
Other info:	Status: Plugged Use: Monitoring		
Xcoord:	450002.32		
Ycoord:	4597621.8		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000058546

V205
West
1/2 - 1 Mile
Higher

IA WELLS **IAPW10000021624**

Wellnmbr:	2097892	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	33
Qqqqq:	SW NE NW NE SW	Elev:	0
Elev acc:	Not Reported	Well depth:	25
Br depth:	-99	Wtr depth:	13
Latn:	41.5186		
Longn:	-93.629		
Dte done:	01/01/1990	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	unknown		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	447516.81		
Ycoord:	4596520.15		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000021624

V206
West
1/2 - 1 Mile
Higher

IA WELLS **IAPW10000021625**

Wellnmbr:	2097892	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	33
Qqqqq:	SW NE NW NE SW	Elev:	0
Elev acc:	Not Reported	Well depth:	25
Br depth:	-99	Wtr depth:	13
Latn:	41.5186		
Longn:	-93.629		
Dte done:	01/01/1990	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	unknown		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	447516.81		
Ycoord:	4596520.15		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000021625

V207
West
1/2 - 1 Mile
Higher

IA WELLS **IAPU10000057263**

Mapid:	238001		
Wellid:	2097892	Id src fld:	wellnmbr
Datasrc:	PWTS	Location:	T. 78 N., R. 24 W., Sec. 33, SW NE NW NE SW
Well type:	Private well tracking system	Est loc ac:	nom. +/- 25m.
Depth:	25	C p date:	1/01/1990
Owner name:	Unknown		
Other info:	Status: Plugged Use: Monitoring		
Xcoord:	447514.81		
Ycoord:	4596514.1		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000057263

V208
West
1 - 2 Miles
Higher

IA WELLS **IAPW10000021584**

Wellnmbr:	2098055	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	33
Qqqqq:	SW NE NW NW SE	Elev:	0
Elev acc:	Not Reported	Well depth:	23
Br depth:	-99	Wtr depth:	3
Latn:	41.5183		
Longn:	-93.6294		
Dte done:	01/01/1999	Cty num:	0
County:	Polk		

Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	unknown		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	447483.19		
Ycoord:	4596487.08		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000021584

V209
West
1 - 2 Miles
Higher

IA WELLS **IAPW10000021583**

Wellnmbr:	2098055	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	33
Qqqqq:	SW NE NW NW SE	Elev:	0
Elev acc:	Not Reported	Well depth:	23
Br depth:	-99	Wtr depth:	3
Latn:	41.5183		
Longn:	-93.6294		
Dte done:	01/01/1999	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	unknown		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	447483.19		
Ycoord:	4596487.08		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000021583

V210
West
1 - 2 Miles
Higher

IA WELLS **IAPU10000057214**

Mapid:	238043		
Wellid:	2098055	Id src fld:	wellnmbr
Datasrc:	PWTS	Location:	T. 78 N., R. 24 W., Sec. 33, SW NE NW NW SE
Well type:	Private well tracking system	Est loc ac:	nom. +/- 25m.
Depth:	23	C p date:	1/01/1999
Owner name:	Unknown		
Other info:	Status: Plugged Use: Monitoring		
Xcoord:	447475.19		
Ycoord:	4596490		
Hlink:	Not Reported		

Disperse:	1	Site id:	IAPU10000057214

W211
NE
1 - 2 Miles
Higher

IA WELLS **IAPU10000058414**

Mapid:	236884		
Wellid:	21027	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 26, SW, SW, SW
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 140m.
Depth:	unkn	C p date:	n.a.
Owner name:	Menard'S, Inc.		
Other info:	Well plugged: 12/22/1995; Well type: Sandpoint		
Xcoord:	450306.44		
Ycoord:	4597458		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000058414

W212
NE
1 - 2 Miles
Higher

IA WELLS **IAPU10000058400**

Mapid:	236900		
Wellid:	21028	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 26, SW, SW, SW
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 140m.
Depth:	unkn	C p date:	n.a.
Owner name:	Menard'S, Inc.		
Other info:	Well plugged: 12/22/1995; Well type: Sandpoint		
Xcoord:	450319.44		
Ycoord:	4597446		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000058400

W213
NE
1 - 2 Miles
Higher

IA WELLS **IAPU10000058396**

Mapid:	236904		
Wellid:	21026	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 26, SW, SW, SW
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 140m.
Depth:	unkn	C p date:	n.a.
Owner name:	Menard'S, Inc.		
Other info:	Well plugged: 12/22/1995; Well type: Sandpoint		
Xcoord:	450322.44		
Ycoord:	4597443		
Hlink:	Not Reported		

Disperse:	1	Site id:	IAPU10000058396

X214
NW
1 - 2 Miles
Higher

IA WELLS **IAPU10000058183**

Mapid:	237104		
Wellid:	32838	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 33, NW, NE, NE
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 140m.
Depth:	14	C p date:	n.a.
Owner name:	Reece, Rosetta		
Other info:	Well plugged: 8/19/1998; Well type: < 18" dia.		
Xcoord:	447718.94		
Ycoord:	4597285		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000058183

X215
NW
1 - 2 Miles
Higher

IA WELLS **IAPU10000058186**

Mapid:	237102		
Wellid:	34275	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 33, NW, NE, NE
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 140m.
Depth:	15	C p date:	n.a.
Owner name:	Reece, Rosetta		
Other info:	Well plugged: 10/29/1998; Well type: < 18" dia.		
Xcoord:	447717.94		
Ycoord:	4597286		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000058186

X216
NW
1 - 2 Miles
Higher

IA WELLS **IAPU10000058182**

Mapid:	237106		
Wellid:	34276	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 33, NW, NE, NE
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 140m.
Depth:	15	C p date:	n.a.
Owner name:	Reece, Rosetta		
Other info:	Well plugged: 10/29/1998; Well type: < 18" dia.		
Xcoord:	447711.94		
Ycoord:	4597284		
Hlink:	Not Reported		

Disperse:	1	Site id:	IAPU10000058182

X217
NW
1 - 2 Miles
Higher

IA WELLS **IAPU10000058181**

Mapid:	237108		
Wellid:	34277	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 33, NW, NE, NE
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 140m.
Depth:	14	C p date:	n.a.
Owner name:	Reece, Rosetta		
Other info:	Well plugged: 10/29/1998; Well type: < 18" dia.		
Xcoord:	447710.94		
Ycoord:	4597283		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000058181

X218
NW
1 - 2 Miles
Higher

IA WELLS **IAPU10000058185**

Mapid:	237101		
Wellid:	32837	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 33, NW, NE, NE
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 140m.
Depth:	13	C p date:	n.a.
Owner name:	Reece, Rosetta		
Other info:	Well plugged: 10/29/1997; Well type: < 18" dia.		
Xcoord:	447710.94		
Ycoord:	4597286		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000058185

X219
NW
1 - 2 Miles
Higher

IA WELLS **IAPU10000058197**

Mapid:	237091		
Wellid:	34274	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 33, NW, NE, NE
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 140m.
Depth:	13	C p date:	n.a.
Owner name:	Reece, Rosetta		
Other info:	Well plugged: 10/29/1998; Well type: < 18" dia.		
Xcoord:	447715.94		
Ycoord:	4597296		
Hlink:	Not Reported		

Disperse:	1	Site id:	IAPU10000058197

X220
NW
1 - 2 Miles
Higher

IA WELLS **IAPU10000058202**

Mapid:	237086		
Wellid:	32840	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 33, NW, NE, NE
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 140m.
Depth:	14	C p date:	n.a.
Owner name:	Reece, Rosetta		
Other info:	Well plugged: 8/19/1998; Well type: < 18" dia.		
Xcoord:	447717.94		
Ycoord:	4597299		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000058202

X221
NW
1 - 2 Miles
Higher

IA WELLS **IAPU10000058199**

Mapid:	237090		
Wellid:	32839	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 33, NW, NE, NE
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 140m.
Depth:	15	C p date:	n.a.
Owner name:	Reece, Rosetta		
Other info:	Well plugged: 8/19/1998; Well type: < 18" dia.		
Xcoord:	447706.94		
Ycoord:	4597297		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000058199

Y222
NW
1 - 2 Miles
Higher

IA WELLS **IAPW10000022031**

Wellnmbr:	2100291	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	28
Qqqqq:	SW SE NE SE SW	Elev:	0
Elev acc:	Not Reported	Well depth:	45
Br depth:	-99	Wtr depth:	33
Latn:	41.5266		
Longn:	-93.626		
Dte done:	06/10/1970	Cty num:	0
County:	Polk		

Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Flatt, Jay		
Cnstr mthd:	Unknown		
Fm rmk:	Not Reported		
Well use:	Household	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	447773.56		
Ycoord:	4597406.49		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000022031

Y223
NW
1 - 2 Miles
Higher

IA WELLS **IAPW10000022032**

Wellnmbr:	2100291	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	28
Qqqqq:	SW SE NE SE SW	Elev:	0
Elev acc:	Not Reported	Well depth:	45
Br depth:	-99	Wtr depth:	33
Latn:	41.5266		
Longn:	-93.626		
Dte done:	06/10/1970	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Flatt, Jay		
Cnstr mthd:	Unknown		
Fm rmk:	Not Reported		
Well use:	Household	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	447773.56		
Ycoord:	4597406.49		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000022032

Y224
NW
1 - 2 Miles
Higher

IA WELLS **IAPU10000058333**

Mapid:	236959		
Wellid:	2100291	Id src fld:	wellnmbr
Datasrc:	PWTS	Location:	T. 78 N., R. 24 W., Sec. 28, SW SE NE SE SW
Well type:	Private well tracking system	Est loc ac:	nom. +/- 25m.
Depth:	45	C p date:	6/10/1970
Owner name:	Flatt, Jay		
Other info:	Status: Plugged Use: Household		
Xcoord:	447764.56		
Ycoord:	4597411.4		
Hlink:	Not Reported		

Disperse:	1	Site id:	IAPU10000058333

Z225
NNE
1 - 2 Miles
Higher

IA WELLS **IAPW10000022239**

Wellnmbr:	2080281	Pmtnmbr:	11489
Twp:	78	Rge:	24
Ew:	W	Sec:	27
Qqqqq:	SE NE SW SE NW	Elev:	0
Elev acc:	Not Reported	Well depth:	200
Br depth:	98	Wtr depth:	200
Latn:	41.5308		
Longn:	-93.5999		
Dte done:	07/20/2002	Cty num:	0
County:	Polk		
Drlr name:	Akers, Allen		
Drlr cmpy:	* Unknown		
Owner name:	unknown		
Cnstr mthd:	Rotary		
Fm rmk:	Not Reported		
Well use:	Heat pump	Status:	Active
Ht pmp no:	5	Permit:	X
Plugging:	Not Reported	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	449954.3		
Ycoord:	4597857.33		
Has litho:	1	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000022239

Z226
NNE
1 - 2 Miles
Higher

IA WELLS **IAPW10000022238**

Wellnmbr:	2080281	Pmtnmbr:	11489
Twp:	78	Rge:	24
Ew:	W	Sec:	27
Qqqqq:	SE NE SW SE NW	Elev:	0
Elev acc:	Not Reported	Well depth:	200
Br depth:	98	Wtr depth:	200
Latn:	41.5308		
Longn:	-93.5999		
Dte done:	07/20/2002	Cty num:	0
County:	Polk		
Drlr name:	Akers, Allen		
Drlr cmpy:	* Unknown		
Owner name:	unknown		
Cnstr mthd:	Rotary		
Fm rmk:	Not Reported		
Well use:	Heat pump	Status:	Active
Ht pmp no:	5	Permit:	X
Plugging:	Not Reported	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	449954.3		

Ycoord:	4597857.33		
Has litho:	1	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000022238

AA227
ESE
1 - 2 Miles
Lower

IA WELLS **IAPU10000056342**

Mapid:	238995		
Wellid:	20029	Id src fld:	recordno
Datasrc:	PVTP	Location:	T. 77 N., R. 24 W., Sec. 2, NW, NE, NW
Well type:	Permitted private wells	Est loc ac:	Calc. +/- 140m.
Depth:	70	C p date:	8/31/1992
Owner name:	Cotter		
Other info:	Primary use: Domestic/household		
Xcoord:	450708.06		
Ycoord:	4595640		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000056342

AA228
ESE
1 - 2 Miles
Lower

IA WELLS **IAPR10000004841**

Recordno:	20029	Twp:	77
N s:	N	Rge:	24
E w:	W	Sec:	2
Qqqqq:	NW NE NW	Q abc:	BAB
Permit:	2207	App role:	O
Appfirst:	STEVE	Applast:	COTTER
Appaddr:	3609 PATRICIA DR.	Appcity:	DES MOINES
Appst:	IA	Appzip:	50322
Appphone:	2785369	Ownerfirst:	Not Reported
Ownerlast:	COTTER	Owneraddr:	Not Reported
Ownercity:	Not Reported	Ownerst:	Not Reported
Ownerzip:	Not Reported	Ownerphone:	Not Reported
County:	77	Status:	Not Reported
Legal:	NWNENW 2 7724W	Depth:	70
Appdate:	08/31/1992	Prmtdate:	08/31/1992
Use1:	2 Domest	Use2:	Not Reported
Contname:	HUFF & SON	Contid:	Not Reported
Welldrlr:	Not Reported	Certnum:	Not Reported
Constguess:	Not Reported	Const:	09/01/1992
E1use1:	Not Reported	E1use2:	Not Reported
E1dpth:	0	E1legal:	Not Reported
E1const:	Not Reported	E1status:	Not Reported
E2use1:	Not Reported	E2use2:	Not Reported
E2dpth:	0	E2legal:	Not Reported
E2const:	Not Reported	E2status:	Not Reported
E3use1:	Not Reported	E3use2:	Not Reported
E3dpth:	0	E3legal:	Not Reported
E3const:	Not Reported	E3status:	Not Reported
Agentfirst:	LARRY	Agentlast:	GITTINS
Created:	jgoodri 03/06/97 09:04:24	Checked:	bbierma 03/06/97 10:39:45

Updated:	bbierma 03/06/97 10:39:45	Prm recs:	0
Well p:	0	Well e:	0
Utm x:	450710.06		
Utm y:	4595631		
Site id:	IAPR10000004841		

Z229
NNE
1 - 2 Miles
Higher

IA WELLS **IAPU10000058725**

Mapid:	236375		
Wellid:	2080281	Id src fld:	wellnmbr
Datasrc:	PWTS	Location:	T. 78 N., R. 24 W., Sec. 27, SE NE SW SE NW
Well type:	Private well tracking system	Est loc ac:	nom. +/- 25m.
Depth:	200	C p date:	7/20/2002
Owner name:	Unknown		
Other info:	Status: Active Use: Heat pump , Bedrock depth: 98		
Xcoord:	449962.3		
Ycoord:	4597860.3		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000058725

AB230
NNE
1 - 2 Miles
Higher

IA WELLS **IAPU10000058713**

Mapid:	236400		
Wellid:	3684	Id src fld:	wnumber
Datasrc:	GEOU	Location:	T. 78 N., R. 24 W., Sec. 27, SE, NE, SE
Well type:	IGS well database	Est loc ac:	Calc. +/- 140m.
Depth:	657	C p date:	2/21/1948
Owner name:	Kucharo Const. Co. Drive-in		
Other info:	Bedrock depth 48 ft.		
Xcoord:	450112.94		
Ycoord:	4597845		
Hlink:	http://gsbdata.igsb.uiowa.edu/geosam/Scripts/geocard.asp?wnumber=3684		
Disperse:	1	Site id:	IAPU10000058713

AB231
NNE
1 - 2 Miles
Higher

FED USGS **USGS2594604**

Agency cd:	USGS	Site no:	413152093355401
Site name:	078N24W27DAD 03684		
Latitude:	413152	EDR Site id:	USGS2594604
Longitude:	0933554	Dec lat:	41.53110091
Dec lon:	-93.59855031	Coor meth:	M
Coor accr:	F	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	19
State:	19	County:	153
Country:	US	Land net:	SENESES27 T078N R24W 5
Location map:	Not Reported	Map scale:	Not Reported

Altitude:	939.00		
Altitude method:	Altimeter		
Altitude accuracy:	5		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Lake Red Rock. Iowa. Area = 2400 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19480221
Date inventoried:	Not Reported	Mean greenwich time offset:	CST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	657	Hole depth:	657
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1948-02-21	Ground water data end date:	1948-02-21
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1948-02-21	175.00	

232
NNW
1 - 2 Miles
Higher

IA WELLS **IAPU10000058925**

Mapid:	236084		
Wellid:	10793	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 28, SE, NE, NE
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 140m.
Depth:	unkn	C p date:	n.a.
Owner name:	Rider Truck Rentals, Rider Truck Rentals		
Other info:	Well plugged: 5/3/1993; Well type: < 18" dia.		
Xcoord:	448514.34		
Ycoord:	4598084.5		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000058925

233
SW
1 - 2 Miles
Lower

IA WELLS **IAPU10000055590**

Mapid:	239712		
Wellid:	33937	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 77 N., R. 24 W., Sec. 4
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 1135m.
Depth:	13	C p date:	n.a.
Owner name:	Iowa Dot		
Other info:	Well plugged: 8/18/1998; Well type: > 18" dia.		
Xcoord:	447798.25		
Ycoord:	4594987.5		
Hlink:	Not Reported		

Disperse:	1	Site id:	IAPU10000055590

AC234
SSE
1 - 2 Miles
Lower

IA WELLS **IAPU10000055125**

Mapid:	240249		
Wellid:	74707	Id src fld:	recordno
Datasrc:	TEST	Location:	T. 77 N., R. 24 W., Sec. 3, SE, SW, NW
Well type:	Wells registered for testing	Est loc ac:	Calc. +/- 140m.
Depth:	100	C p date:	1978
Owner name:	Perdum, Carla		
Other info:	Drilling method: Bored; Known well depth		
Xcoord:	449499.75		
Ycoord:	4594452.5		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000055125

AC235
SSE
1 - 2 Miles
Lower

IA WELLS **IAPU10000055123**

Mapid:	240254		
Wellid:	74705	Id src fld:	recordno
Datasrc:	TEST	Location:	T. 77 N., R. 24 W., Sec. 3, SE, SW, NW
Well type:	Wells registered for testing	Est loc ac:	Calc. +/- 140m.
Depth:	100	C p date:	1978
Owner name:	Perdum, Carla		
Other info:	Drilling method: Bored; Known well depth		
Xcoord:	449497.75		
Ycoord:	4594444.5		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000055123

AC236
SSE
1 - 2 Miles
Lower

IA WELLS **IAPU10000055120**

Mapid:	240261		
Wellid:	74175	Id src fld:	recordno
Datasrc:	TEST	Location:	T. 77 N., R. 24 W., Sec. 3, SE, SW, NW
Well type:	Wells registered for testing	Est loc ac:	Calc. +/- 140m.
Depth:	100	C p date:	1978
Owner name:	Perdum, Carla		
Other info:	Drilling method: Bored; Known well depth		
Xcoord:	449499.75		
Ycoord:	4594439.5		
Hlink:	Not Reported		

Disperse:	1	Site id:	IAPU10000055120

AC237
SSE
1 - 2 Miles
Lower

IA WELLS **IAPU10000055119**

Mapid:	240268		
Wellid:	74706	Id src fld:	recordno
Datasrc:	TEST	Location:	T. 77 N., R. 24 W., Sec. 3, SE, SW, NW
Well type:	Wells registered for testing	Est loc ac:	Calc. +/- 140m.
Depth:	100	C p date:	1978
Owner name:	Perdum, Carla		
Other info:	Drilling method: Bored; Known well depth		
Xcoord:	449504.75		
Ycoord:	4594436.5		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000055119

238
SW
1 - 2 Miles
Higher

IA WELLS **IAPU10000055479**

Mapid:	239878		
Wellid:	20831	Id src fld:	wnumber
Datasrc:	GEOU	Location:	T. 77 N., R. 24 W., Sec. 4, SE, NW, NW, SW
Well type:	IGS well database	Est loc ac:	Calc. +/- 70m.
Depth:	120	C p date:	unkn
Owner name:	Finch, Harold		
Other info:	Bedrock depth unkn		
Xcoord:	447847.4		
Ycoord:	4594836.5		
Hlink:	http://gsbdata.igsb.uiowa.edu/geosam/Scripts/geocard.asp?wnumber=20831		
Disperse:	1	Site id:	IAPU10000055479

AD239
NNE
1 - 2 Miles
Higher

IA WELLS **IAPU10000058843**

Mapid:	236217		
Wellid:	2121698	Id src fld:	wellnmbr
Datasrc:	PWTS	Location:	T. 78 N., R. 24 W., Sec. 27, SE NE SE NE NE
Well type:	Private well tracking system	Est loc ac:	nom. +/- 25m.
Depth:	25	C p date:	6/10/1930
Owner name:	Unknown		
Other info:	Status: Plugged Use: Household		
Xcoord:	450181.66		
Ycoord:	4597969.7		
Hlink:	Not Reported		

Disperse:	1	Site id:	IAPU10000058843

AD240
NNE
1 - 2 Miles
Higher

IA WELLS **IAPW10000022303**

Wellnmbr:	2121698	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	27
Qqqqq:	SE NE SE NE NE	Elev:	0
Elev acc:	Not Reported	Well depth:	25
Br depth:	-99	Wtr depth:	-99
Latn:	41.5318		
Longn:	-93.5971		
Dte done:	06/10/1930	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Not Reported		
Cnstr mthd:	Unknown		
Fm rmk:	Not Reported		
Well use:	Household	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	450188.66		
Ycoord:	4597966.74		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000022303

AD241
NNE
1 - 2 Miles
Higher

IA WELLS **IAPW10000022304**

Wellnmbr:	2121698	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	27
Qqqqq:	SE NE SE NE NE	Elev:	0
Elev acc:	Not Reported	Well depth:	25
Br depth:	-99	Wtr depth:	-99
Latn:	41.5318		
Longn:	-93.5971		
Dte done:	06/10/1930	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Not Reported		
Cnstr mthd:	Unknown		
Fm rmk:	Not Reported		
Well use:	Household	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	450188.66		

Ycoord:	4597966.74		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000022304

AE242
East
1 - 2 Miles
Higher

IA WELLS **IAPU10000057271**

Mapid:	238040		
Wellid:	2098018	Id src fld:	wellnmbr
Datasrc:	PWTS	Location:	T. 78 N., R. 24 W., Sec. 35, SE NW NW NW NE
Well type:	Private well tracking system	Est loc ac:	nom. +/- 25m.
Depth:	unkn	C p date:	unkn
Owner name:	Unknown		
Other info:	Status: Retired Use: Household		
Xcoord:	451092.36		
Ycoord:	4596494.9		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000057271

AE243
East
1 - 2 Miles
Higher

IA WELLS **IAPW10000021614**

Wellnmbr:	2098018	Pmtnmbr:	15972
Twp:	78	Rge:	24
Ew:	W	Sec:	35
Qqqqq:	SE NW NW NW NE	Elev:	0
Elev acc:	Not Reported	Well depth:	0
Br depth:	-99	Wtr depth:	-99
Latn:	41.5186		
Longn:	-93.5861		
Dte done:	01/14/1944	Cty num:	0
County:	Polk		
Drlr name:	Huff, Larry		
Drlr cmpy:	Huff & Son Well Boring		
Owner name:	unknown		
Cnstr mthd:	Not Reported		
Fm rmk:	Not Reported		
Well use:	Household	Status:	Retired
Ht pmp no:	0	Permit:	X
Plugging:	Not Reported	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	451096.36		
Ycoord:	4596494.98		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000021614

AE244
East
1 - 2 Miles
Higher

IA WELLS **IAPW10000021615**

Wellnmbr:	2098018	Pmtnmbr:	15972
Twp:	78	Rge:	24
Ew:	W	Sec:	35
Qqqqq:	SE NW NW NW NE	Elev:	0
Elev acc:	Not Reported	Well depth:	0
Br depth:	-99	Wtr depth:	-99
Latn:	41.5186		
Longn:	-93.5861		
Dte done:	01/14/1944	Cty num:	0
County:	Polk		
Drlr name:	Huff, Larry		
Drlr cmpy:	Huff & Son Well Boring		
Owner name:	unknown		
Cnstr mthd:	Not Reported		
Fm rmk:	Not Reported		
Well use:	Household	Status:	Retired
Ht pmp no:	0	Permit:	X
Plugging:	Not Reported	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	451096.36		
Ycoord:	4596494.98		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000021615

245
SSW
1 - 2 Miles
Lower

FED USGS **USGS2594734**

Agency cd:	USGS	Site no:	413006093372301
Site name:	077N24W04DBB 20831		
Latitude:	413006	EDR Site id:	USGS2594734
Longitude:	0933723	Dec lat:	41.50165671
Dec lon:	-93.62327323	Coor meth:	M
Coor accr:	F	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	19
State:	19	County:	181
Country:	US	Land net:	NWNWSES04 T077N R24W 5
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	895		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	South Skunk. Iowa. Area = 1840 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19680502
Date inventoried:	Not Reported	Mean greenwich time offset:	CST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	120	Hole depth:	120
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00

Peak flow data count: 0
Water quality data begin date: 0000-00-00
Water quality data end date: 0000-00-00
Water quality data count: 0
Ground water data begin date: 1968-05-02
Ground water data end date: 1968-05-02
Ground water data count: 1

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1968-05-02	73.33	

246
SSE
1 - 2 Miles
Lower

IA WELLS **IAPU10000055051**

Mapid: 240361
Wellid: 13312
Id src fld: recordno
Datasrc: TEST
Location: T. 77 N., R. 24 W., Sec. 3, SE, SW
Well type: Wells registered for testing
Est loc ac: Calc. +/- 285m.
Depth: 15
C p date: 1995
Owner name: Caputo, Jeff
Other info: Drilling method: Spring;
Xcoord: 449596.06
Ycoord: 4594337
Hlink: Not Reported
Disperse: 1
Site id: IAPU10000055051

247
NNE
1 - 2 Miles
Higher

IA WELLS **IAPU10000058958**

Mapid: 236049
Wellid: 1058
Id src fld: wnumber
Datasrc: GEOU
Location: T. 78 N., R. 24 W., Sec. 26, NE, SE, SE
Well type: IGS well database
Est loc ac: Calc. +/- 140m.
Depth: 435
C p date: 8/14/1939
Owner name: Wilson, L.l.
Other info: Bedrock depth 80 ft.
Xcoord: 450212.16
Ycoord: 4598120.5
Hlink: http://gsbdata.igsb.uiowa.edu/geosam/Scripts/geocard.asp?wnumber=1058
Disperse: 1
Site id: IAPU10000058958

248
NE
1 - 2 Miles
Higher

IA WELLS **IAPU10000058889**

Mapid: 236141
Wellid: 1039
Id src fld: wnumber
Datasrc: GEOU
Location: T. 78 N., R. 24 W., Sec. 26, NW, SW, SW
Well type: IGS well database
Est loc ac: Calc. +/- 140m.
Depth: 418
C p date: 7/20/1939
Owner name: Rice, W.t.
Other info: Bedrock depth 5 ft.
Xcoord: 450342.56
Ycoord: 4598038.6
Hlink: http://gsbdata.igsb.uiowa.edu/geosam/Scripts/geocard.asp?wnumber=1039

Disperse:	1	Site id:	IAPU10000058889

249
North
1 - 2 Miles
Lower

IA WELLS **IAPU10000059312**

Mapid:	235653		
Wellid:	2514	Id src fld:	wnumber
Datasrc:	GEOU	Location:	T. 78 N., R. 24 W., Sec. 27, NW, NW, SW, NW
Well type:	IGS well database	Est loc ac:	Calc. +/- 70m.
Depth:	147	C p date:	7/10/1946
Owner name:	Santi, Paul		
Other info:	Bedrock depth 45 ft.		
Xcoord:	448687.84		
Ycoord:	4598510.1		
Hlink:	http://gsbdata.igsb.uiowa.edu/geosam/Scripts/geocard.asp?wnumber=2514		
Disperse:	1	Site id:	IAPU10000059312

AF250
NW
1 - 2 Miles
Higher

IA WELLS **IAPU10000058928**

Mapid:	236078		
Wellid:	40052	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 28, SW, NE, NE
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 140m.
Depth:	15	C p date:	n.a.
Owner name:	Des Moines Independent, Comm. School Dist.		
Other info:	Well plugged: 10/7/1999; Well type: < 18" dia.		
Xcoord:	447714.66		
Ycoord:	4598091.5		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000058928

AF251
NW
1 - 2 Miles
Higher

IA WELLS **IAPU10000058924**

Mapid:	236080		
Wellid:	40051	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 28, SW, NE, NE
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 140m.
Depth:	15	C p date:	n.a.
Owner name:	Des Moines Independent, Comm. School Dist.		
Other info:	Well plugged: 10/7/1999; Well type: < 18" dia.		
Xcoord:	447711.66		
Ycoord:	4598089.5		
Hlink:	Not Reported		

Disperse:	1	Site id:	IAPU10000058924

AF252
NW
1 - 2 Miles
Higher

IA WELLS **IAPU10000058935**

Mapid:	236070		
Wellid:	40050	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 28, SW, NE, NE
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 140m.
Depth:	20	C p date:	n.a.
Owner name:	Des Moines Independent, Comm. School Dist.		
Other info:	Well plugged: 10/7/1999; Well type: < 18" dia.		
Xcoord:	447716.66		
Ycoord:	4598099.5		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000058935

253
ESE
1 - 2 Miles
Higher

IA WELLS **IAPU10000056193**

Mapid:	239111		
Wellid:	25484	Id src fld:	recordno
Datasrc:	TEST	Location:	T. 77 N., R. 24 W., Sec. 2, NE, NW
Well type:	Wells registered for testing	Est loc ac:	Calc. +/- 285m.
Depth:	75	C p date:	1970
Owner name:	Gray, Tim		
Other info:	Drilling method: Bored;		
Xcoord:	451202.84		
Ycoord:	4595525.5		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000056193

254
NNE
1 - 2 Miles
Higher

FED USGS **USGS2594608**

Agency cd:	USGS	Site no:	413208093355101
Site name:	078N24W27ADD 01058		
Latitude:	413208	EDR Site id:	USGS2594608
Longitude:	0933551	Dec lat:	41.53554532
Dec lon:	-93.59771696	Coor meth:	M
Coor accr:	F	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	19
State:	19	County:	153
Country:	US	Land net:	SESENES27 T078N R24W 5
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	921.00		
Altitude method:	Level or other surveying method		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Lake Red Rock. Iowa. Area = 2400 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19390814
Date inventoried:	Not Reported	Mean greenwich time offset:	CST

Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	435	Hole depth:	435
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1939-08-14	Ground water data end date:	1939-08-14
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1939-08-14	135.00	

AG255
South
1 - 2 Miles
Lower

IA WELLS **IAPU10000054783**

Mapid:	240691		
Wellid:	23551	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 77 N., R. 24 W., Sec. 10, NW, NW, NW
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 140m.
Depth:	21	C p date:	n.a.
Owner name:	Harbert, William		
Other info:	Well plugged: 11/28/1994; Well type: > 18" dia.		
Xcoord:	448690.06		
Ycoord:	4594061.5		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000054783

AG256
South
1 - 2 Miles
Lower

IA WELLS **IAPU10000054781**

Mapid:	240692		
Wellid:	30285	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 77 N., R. 24 W., Sec. 10, NW, NW, NW
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 140m.
Depth:	42	C p date:	n.a.
Owner name:	State Of Iowa		
Other info:	Well plugged: 9/30/1997; Well type: > 18" dia.		
Xcoord:	448685.06		
Ycoord:	4594060.5		
Hlink:	Not Reported		

Disperse:	1	Site id:	IAPU10000054781

257
ESE
1 - 2 Miles
Higher

IA WELLS **IAPU10000056319**

Mapid:	239015		
Wellid:	8893	Id src fld:	wnumber
Datasrc:	GEOU	Location:	T. 77 N., R. 24 W., Sec. 2, NE, NW, NE
Well type:	IGS well database	Est loc ac:	Calc. +/- 140m.
Depth:	333	C p date:	9/07/1957
Owner name:	Smith, Alfred J.		
Other info:	Bedrock depth 24 ft.		
Xcoord:	451310.07		
Ycoord:	4595617.7		
Hlink:	http://gsbdata.igsb.uiowa.edu/geosam/Scripts/geocard.asp?wnumber=8893		
Disperse:	1	Site id:	IAPU10000056319

258
NNE
1 - 2 Miles
Higher

FED USGS **USGS2594607**

Agency cd:	USGS	Site no:	413205093354101
Site name:	078N24W26BCC 01039		
Latitude:	413205	EDR Site id:	USGS2594607
Longitude:	0933541	Dec lat:	41.53471199
Dec lon:	-93.59493909	Coor meth:	M
Coor accr:	F	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	19
State:	19	County:	153
Country:	US	Land net:	SWSWNWS26 T078N R24W 5
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	918.00		
Altitude method:	Altimeter		
Altitude accuracy:	5		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Lake Red Rock. Iowa. Area = 2400 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19390720
Date inventoried:	Not Reported	Mean greenwich time offset:	CST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	418	Hole depth:	418
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1939-07-20	Ground water data end date:	1939-07-20
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1939-07-20	170.00	

AH259
WNW
1 - 2 Miles
Higher

IA WELLS **IAPU10000058265**

Mapid:	237027		
Wellid:	2103969	Id src fld:	wellnmbr
Datasrc:	PWTS	Location:	T. 78 N., R. 24 W., Sec. 32, NE NE NE NE NE
Well type:	Private well tracking system	Est loc ac:	nom. +/- 25m.
Depth:	18	C p date:	6/10/1990
Owner name:	Unknown		
Other info:	Status: Plugged Use: Monitoring		
Xcoord:	446990.66		
Ycoord:	4597361.8		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000058265

AH260
WNW
1 - 2 Miles
Higher

IA WELLS **IAPU10000058268**

Mapid:	237025		
Wellid:	2103971	Id src fld:	wellnmbr
Datasrc:	PWTS	Location:	T. 78 N., R. 24 W., Sec. 32, NE NE NE NE NE
Well type:	Private well tracking system	Est loc ac:	nom. +/- 25m.
Depth:	18	C p date:	6/09/1990
Owner name:	Unknown		
Other info:	Status: Plugged Use: Monitoring		
Xcoord:	446985.66		
Ycoord:	4597365.8		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000058268

AH261
WNW
1 - 2 Miles
Higher

IA WELLS **IAPW10000022002**

Wellnmbr:	2103971	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	32
Qqqqq:	NE NE NE NE NE	Elev:	0
Elev acc:	Not Reported	Well depth:	18
Br depth:	-99	Wtr depth:	-99
Latn:	41.5262		
Longn:	-93.6355		
Dte done:	06/09/1990	Cty num:	0
County:	Polk		

Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Not Reported		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	446980.66		
Ycoord:	4597367.87		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000022002

AH262
WNW
1 - 2 Miles
Higher

IA WELLS **IAPW10000022001**

Wellnmbr:	2103969	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	32
Qqqqq:	NE NE NE NE NE	Elev:	0
Elev acc:	Not Reported	Well depth:	18
Br depth:	-99	Wtr depth:	-99
Latn:	41.5262		
Longn:	-93.6355		
Dte done:	06/10/1990	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Not Reported		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	446980.66		
Ycoord:	4597367.87		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000022001

AH263
WNW
1 - 2 Miles
Higher

IA WELLS **IAPW10000021999**

Wellnmbr:	2103969	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	32
Qqqqq:	NE NE NE NE NE	Elev:	0
Elev acc:	Not Reported	Well depth:	18
Br depth:	-99	Wtr depth:	-99
Latn:	41.5262		
Longn:	-93.6355		
Dte done:	06/10/1990	Cty num:	0
County:	Polk		

Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Not Reported		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	446980.66		
Ycoord:	4597367.87		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000021999

AH264
WNW
1 - 2 Miles
Higher

IA WELLS **IAPW10000022000**

Wellnmbr:	2103971	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	32
Qqqqq:	NE NE NE NE NE	Elev:	0
Elev acc:	Not Reported	Well depth:	18
Br depth:	-99	Wtr depth:	-99
Latn:	41.5262		
Longn:	-93.6355		
Dte done:	06/09/1990	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Not Reported		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	446980.66		
Ycoord:	4597367.87		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000022000

AH265
WNW
1 - 2 Miles
Higher

IA WELLS **IAPW10000022017**

Wellnmbr:	2103968	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	32
Qqqqq:	NE NE NE NE NE	Elev:	0
Elev acc:	Not Reported	Well depth:	18
Br depth:	-99	Wtr depth:	-99
Latn:	41.5264		
Longn:	-93.6355		
Dte done:	06/10/1990	Cty num:	0
County:	Polk		

Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Not Reported		
Cnstr mthd:	Unknown		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	446980.82		
Ycoord:	4597390.07		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000022017

AH266
WNW
1 - 2 Miles
Higher

IA WELLS **IAPW10000022016**

Wellnmbr:	2103968	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	32
Qqqqq:	NE NE NE NE NE	Elev:	0
Elev acc:	Not Reported	Well depth:	18
Br depth:	-99	Wtr depth:	-99
Latn:	41.5264		
Longn:	-93.6355		
Dte done:	06/10/1990	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Not Reported		
Cnstr mthd:	Unknown		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	446980.82		
Ycoord:	4597390.07		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000022016

AH267
WNW
1 - 2 Miles
Higher

IA WELLS **IAPU10000058311**

Mapid:	236981		
Wellid:	2103968	Id src fld:	wellnmbr
Datasrc:	PWTS	Location:	T. 78 N., R. 24 W., Sec. 32, NE NE NE NE NE
Well type:	Private well tracking system	Est loc ac:	nom. +/- 25m.
Depth:	18	C p date:	6/10/1990
Owner name:	Unknown		
Other info:	Status: Plugged Use: Monitoring		
Xcoord:	446976.82		
Ycoord:	4597396		
Hlink:	Not Reported		

Disperse:	1	Site id:	IAPU10000058311

AH268
WNW
1 - 2 Miles
Higher

IA WELLS **IAPU10000058283**

Mapid:	237015		
Wellid:	2103970	Id src fld:	wellnmbr
Datasrc:	PWTS	Location:	T. 78 N., R. 24 W., Sec. 32, NE NE NE NE NW
Well type:	Private well tracking system	Est loc ac:	nom. +/- 25m.
Depth:	18	C p date:	6/09/1990
Owner name:	Unknown		
Other info:	Status: Plugged Use: Monitoring		
Xcoord:	446954.29		
Ycoord:	4597375.1		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000058283

AH269
WNW
1 - 2 Miles
Higher

IA WELLS **IAPW10000021990**

Wellnmbr:	2103970	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	32
Qqqqq:	NE NE NE NE NW	Elev:	0
Elev acc:	Not Reported	Well depth:	18
Br depth:	-99	Wtr depth:	-99
Latn:	41.5262		
Longn:	-93.6359		
Dte done:	06/09/1990	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Not Reported		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	446947.29		
Ycoord:	4597368.11		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000021990

AH270
WNW
1 - 2 Miles
Higher

IA WELLS **IAPW10000021989**

Wellnmbr:	2103970	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	32
Qqqqq:	NE NE NE NE NW	Elev:	0
Elev acc:	Not Reported	Well depth:	18
Br depth:	-99	Wtr depth:	-99
Latn:	41.5262		
Longn:	-93.6359		
Dte done:	06/09/1990	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Not Reported		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	446947.29		
Ycoord:	4597368.11		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000021989

AH271
WNW
1 - 2 Miles
Higher

IA WELLS **IAPU10000058209**

Mapid:	237072		
Wellid:	40988	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 32, NE, NE, NE
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 140m.
Depth:	15	C p date:	n.a.
Owner name:	Git & Go		
Other info:	Well plugged: 3/20/2000; Well type: < 18" dia.		
Xcoord:	446915.06		
Ycoord:	4597308		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000058209

AH272
WNW
1 - 2 Miles
Higher

IA WELLS **IAPU10000058207**

Mapid:	237075		
Wellid:	40986	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 32, NE, NE, NE
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 140m.
Depth:	7	C p date:	n.a.
Owner name:	Git & Go		
Other info:	Well plugged: 3/20/2000; Well type: < 18" dia.		
Xcoord:	446912.06		
Ycoord:	4597307		
Hlink:	Not Reported		

Disperse:	1	Site id:	IAPU10000058207

AH273
WNW
1 - 2 Miles
Higher

IA WELLS **IAPU10000058195**

Mapid:	237084		
Wellid:	40994	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 32, NE, NE, NE
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 140m.
Depth:	15	C p date:	n.a.
Owner name:	Git & Go		
Other info:	Well plugged: 3/20/2000; Well type: < 18" dia.		
Xcoord:	446908.06		
Ycoord:	4597301		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000058195

AH274
WNW
1 - 2 Miles
Higher

IA WELLS **IAPU10000058194**

Mapid:	237085		
Wellid:	40990	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 32, NE, NE, NE
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 140m.
Depth:	20	C p date:	n.a.
Owner name:	Git & Go		
Other info:	Well plugged: 3/20/2000; Well type: < 18" dia.		
Xcoord:	446907.06		
Ycoord:	4597299		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000058194

AH275
WNW
1 - 2 Miles
Higher

IA WELLS **IAPU10000058213**

Mapid:	237067		
Wellid:	40992	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 32, NE, NE, NE
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 140m.
Depth:	20	C p date:	n.a.
Owner name:	Git & Go		
Other info:	Well plugged: 3/20/2000; Well type: < 18" dia.		
Xcoord:	446911.06		
Ycoord:	4597310		
Hlink:	Not Reported		

Disperse:	1	Site id:	IAPU10000058213

AH276
WNW
1 - 2 Miles
Higher

IA WELLS **IAPU10000058208**

Mapid:	237071		
Wellid:	40985	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 32, NE, NE, NE
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 140m.
Depth:	7	C p date:	n.a.
Owner name:	Git & Go		
Other info:	Well plugged: 3/20/2000; Well type: < 18" dia.		
Xcoord:	446908.06		
Ycoord:	4597308		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000058208

AH277
WNW
1 - 2 Miles
Higher

IA WELLS **IAPU10000058211**

Mapid:	237069		
Wellid:	40997	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 32, NE, NE, NE
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 140m.
Depth:	20	C p date:	n.a.
Owner name:	Git & Go #2		
Other info:	Well plugged: 3/20/2000; Well type: < 18" dia.		
Xcoord:	446906.06		
Ycoord:	4597309		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000058211

AH278
WNW
1 - 2 Miles
Higher

IA WELLS **IAPU10000058205**

Mapid:	237077		
Wellid:	40996	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 32, NE, NE, NE
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 140m.
Depth:	15	C p date:	n.a.
Owner name:	Git & Go		
Other info:	Well plugged: 3/20/2000; Well type: < 18" dia.		
Xcoord:	446903.06		
Ycoord:	4597306		
Hlink:	Not Reported		

Disperse:	1	Site id:	IAPU10000058205

AH279
WNW
1 - 2 Miles
Higher

IA WELLS **IAPU10000058227**

Mapid:	237060		
Wellid:	40991	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 32, NE, NE, NE
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 140m.
Depth:	15	C p date:	n.a.
Owner name:	Git & Go		
Other info:	Well plugged: 3/20/2000; Well type: < 18" dia.		
Xcoord:	446908.06		
Ycoord:	4597318		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000058227

AH280
WNW
1 - 2 Miles
Higher

IA WELLS **IAPU10000058225**

Mapid:	237061		
Wellid:	40995	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 32, NE, NE, NE
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 140m.
Depth:	15	C p date:	n.a.
Owner name:	Git & Go		
Other info:	Well plugged: 3/20/2000; Well type: < 18" dia.		
Xcoord:	446904.06		
Ycoord:	4597317		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000058225

AH281
WNW
1 - 2 Miles
Higher

IA WELLS **IAPU10000058226**

Mapid:	237059		
Wellid:	40987	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 32, NE, NE, NE
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 140m.
Depth:	15	C p date:	n.a.
Owner name:	Git & Go		
Other info:	Well plugged: 3/20/2000; Well type: < 18" dia.		
Xcoord:	446903.06		
Ycoord:	4597318		
Hlink:	Not Reported		

Disperse:	1	Site id:	IAPU10000058226

AI282
SSE
1 - 2 Miles
Lower

IA WELLS **IAPU10000054665**

Mapid:	240828		
Wellid:	10326	Id src fld:	recordno
Datasrc:	TEST	Location:	T. 77 N., R. 24 W., Sec. 10, NE, NW
Well type:	Wells registered for testing	Est loc ac:	Calc. +/- 285m.
Depth:	43	C p date:	1994
Owner name:	Moede, Dave		
Other info:	Drilling method: Bored; Known well depth		
Xcoord:	449590.25		
Ycoord:	4593945.5		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000054665

283
North
1 - 2 Miles
Lower

FED USGS **USGS2594613**

Agency cd:	USGS	Site no:	413219093365401
Site name:	078N24W27BBCB 02514		
Latitude:	413219	EDR Site id:	USGS2594613
Longitude:	0933654	Dec lat:	41.53860083
Dec lon:	-93.61521754	Coor meth:	M
Coor accr:	F	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	19
State:	19	County:	153
Country:	US	Land net:	SWNWNWS27 T078N R24W 5
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	880.00		
Altitude method:	Altimeter		
Altitude accuracy:	5		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Lake Red Rock. Iowa. Area = 2400 sq.mi.		
Topographic:	Hillside (slope)		
Site type:	Ground-water other than Spring	Date construction:	19460710
Date inventoried:	Not Reported	Mean greenwich time offset:	CST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	147	Hole depth:	147
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1946-07-10	Ground water data end date:	1946-07-10
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1946-07-10	40.00	

AI284
SSE
1 - 2 Miles
Lower

IA WELLS **IAPR10000004706**

Recordno:	16288	Twp:	77
N s:	N	Rge:	24
E w:	W	Sec:	10
Qqqqq:	NE NW	Q abc:	AB
Permit:	2241	App role:	U
Appfirst:	DAVID	Applast:	MOEDE
Appaddr:	5695 SE 68 PLACE	Appcity:	CARLISLE
Appst:	IA	Appzip:	50047
Appphone:	5159890517	Ownerfirst:	Not Reported
Ownerlast:	Not Reported	Owneraddr:	Not Reported
Ownercity:	Not Reported	Ownerst:	Not Reported
Ownerzip:	Not Reported	Ownerphone:	Not Reported
County:	91	Status:	P
Legal:	NWNE10 7724W	Depth:	30
Appdate:	11/03/1993	Prmtdate:	11/03/1993
Use1:	2	Use2:	Not Reported
Contname:	Huff, Larry	Contid:	Not Reported
Welldrlr:	Not Reported	Certnum:	40030
Constguess:	Not Reported	Const:	09/01/1991
E1use1:	Not Reported	E1use2:	Not Reported
E1dpth:	0	E1legal:	Not Reported
E1const:	Not Reported	E1status:	Not Reported
E2use1:	Not Reported	E2use2:	Not Reported
E2dpth:	0	E2legal:	Not Reported
E2const:	Not Reported	E2status:	Not Reported
E3use1:	Not Reported	E3use2:	Not Reported
E3dpth:	0	E3legal:	Not Reported
E3const:	Not Reported	E3status:	Not Reported
Agentfirst:	RICHARD	Agentlast:	WILSON
Created:	Not Reported	Checked:	Not Reported
Updated:	Not Reported	Prm recs:	0
Well p:	0	Well e:	0
Utm x:	449597.25		
Utm y:	4593937.5		
Site id:	IAPR10000004706		

AI285
SSE
1 - 2 Miles
Lower

IA WELLS **IAPU10000054649**

Mapid:	240844		
Wellid:	16288	Id src fld:	recordno
Datasrc:	PVTP	Location:	T. 77 N., R. 24 W., Sec. 10, NE, NW
Well type:	Permitted private wells	Est loc ac:	Calc. +/- 285m.
Depth:	30	C p date:	11/03/1993
Owner name:	Unkn		
Other info:	Primary use: Domestic/household		
Xcoord:	449599.25		
Ycoord:	4593932.5		
Hlink:	Not Reported		

Disperse:	1	Site id:	IAPU10000054649

AJ286
North
1 - 2 Miles
Lower

IA WELLS **IAPU10000059598**

Mapid:	235374		
Wellid:	2913	Id src fld:	wnumber
Datasrc:	GEOU	Location:	T. 78 N., R. 24 W., Sec. 27, NW, NW
Well type:	IGS well database	Est loc ac:	Calc. +/- 285m.
Depth:	153	C p date:	6/02/1947
Owner name:	Hochstetter, Lewis		
Other info:	Bedrock depth 43 ft.		
Xcoord:	448814.13		
Ycoord:	4598773.8		
Hlink:	http://gsbdata.igsb.uiowa.edu/geosam/Scripts/geocard.asp?wnumber=2913		
Disperse:	1	Site id:	IAPU10000059598

AJ287
North
1 - 2 Miles
Lower

FED USGS **USGS2594615**

Agency cd:	USGS	Site no:	413221093364801
Site name:	078N24W27BBAC 02913		
Latitude:	413221	EDR Site id:	USGS2594615
Longitude:	0933648	Dec lat:	41.53915638
Dec lon:	-93.61355082	Coor meth:	M
Coor accr:	F	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	19
State:	19	County:	153
Country:	US	Land net:	NENWNWS27 T078N R24W 5
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	873.00		
Altitude method:	Altimeter		
Altitude accuracy:	5		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	South Skunk. Iowa. Area = 1840 sq.mi.		
Topographic:	Hillside (slope)		
Site type:	Ground-water other than Spring	Date construction:	19470602
Date inventoried:	Not Reported	Mean greenwich time offset:	CST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	153	Hole depth:	153
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1947-06-02	Ground water data end date:	1947-06-02
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1947-06-02	30.00	

AK288
NNW
1 - 2 Miles
Higher

IA WELLS **IAPU10000059214**

Mapid:	235734		
Wellid:	2101984	Id src fld:	wellnmbr
Datasrc:	PWTS	Location:	T. 78 N., R. 24 W., Sec. 28, NW SE NE SE SE
Well type:	Private well tracking system	Est loc ac:	nom. +/- 25m.
Depth:	160	C p date:	7/23/2004
Owner name:	Butler, Ray		
Other info:	Status: Active Use: Heat pump , Bedrock depth: 60		
Xcoord:	447768.28		
Ycoord:	4598421		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000059214

289
ESE
1 - 2 Miles
Lower

FED USGS **USGS2594750**

Agency cd:	USGS	Site no:	413035093345401
Site name:	077N24W02ABA 08893		
Latitude:	413035	EDR Site id:	USGS2594750
Longitude:	0933454	Dec lat:	41.50971222
Dec lon:	-93.58188304	Coor meth:	M
Coor accr:	F	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	19
State:	19	County:	181
Country:	US	Land net:	NENWNES02 T077N R24W 5
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	898.00		
Altitude method:	Altimeter		
Altitude accuracy:	05		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Lake Red Rock. Iowa. Area = 2400 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19570907
Date inventoried:	Not Reported	Mean greenwich time offset:	CST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	333	Hole depth:	333
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00

Peak flow data count: 0
Water quality data begin date: 0000-00-00
Water quality data end date: 0000-00-00
Water quality data count: 0
Ground water data begin date: 1957-09-07
Ground water data end date: 1957-09-07
Ground water data count: 1

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1957-09-07	125.00	

AK290
NNW
1 - 2 Miles
Higher

IA WELLS **IAPW10000022489**

Wellnmbr:	2101984	Pmtnmbr:	17283
Twp:	78	Rge:	24
Ew:	W	Sec:	28
Qqqqq:	NW SE NE SE SE	Elev:	894
Elev acc:	10 m. DEM	Well depth:	160
Br depth:	60	Wtr depth:	-99
Latn:	41.5358		
Longn:	-93.6262		
Dte done:	07/23/2004	Cty num:	0
County:	Polk		
Drlr name:	Morrell, Steven		
Drlr cmpy:	Morrell Heating & Cooling		
Owner name:	Butler, Ray		
Cnstr mthd:	Rotary		
Fm rmk:	Not Reported		
Well use:	Heat pump	Status:	Active
Ht pmp no:	3	Permit:	X
Plugging:	Not Reported	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	447764.28		
Ycoord:	4598428		
Has litho:	1	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000022489

AK291
NNW
1 - 2 Miles
Higher

IA WELLS **IAPW10000022490**

Wellnmbr:	2101984	Pmtnmbr:	17283
Twp:	78	Rge:	24
Ew:	W	Sec:	28
Qqqqq:	NW SE NE SE SE	Elev:	0
Elev acc:	Not Reported	Well depth:	160
Br depth:	60	Wtr depth:	-99
Latn:	41.5358		
Longn:	-93.6262		
Dte done:	07/23/2004	Cty num:	0
County:	Polk		

Drlr name:	Morrell, Steven		
Drlr cmpy:	Morrell Heating & Cooling		
Owner name:	Butler, Ray		
Cnstr mthd:	Rotary		
Fm rmk:	Not Reported		
Well use:	Heat pump	Status:	Active
Ht pmp no:	3	Permit:	X
Plugging:	Not Reported	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	447764.28		
Ycoord:	4598428		
Has litho:	1	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000022490

AL292
WNW
1 - 2 Miles
Higher

IA WELLS **IAPU10000058445**

Mapid:	236808		
Wellid:	55571	Id src fld:	wnumber
Datasrc:	GEOU	Location:	T. 78 N., R. 24 W., Sec. 29, SE, SE, SE
Well type:	IGS well database	Est loc ac:	Calc. +/- 140m.
Depth:	20	C p date:	1/09/2002
Owner name:	Smitty's Tenderloin		
Other info:	Bedrock depth unkn		
Xcoord:	446904.24		
Ycoord:	4597506.9		
Hlink:	http://gsbdata.igsb.uiowa.edu/geosam/Scripts/geocard.asp?wnumber=55571		
Disperse:	1	Site id:	IAPU10000058445

AL293
WNW
1 - 2 Miles
Higher

IA WELLS **IAPU10000058442**

Mapid:	236810		
Wellid:	55570	Id src fld:	wnumber
Datasrc:	GEOU	Location:	T. 78 N., R. 24 W., Sec. 29, SE, SE, SE
Well type:	IGS well database	Est loc ac:	Calc. +/- 140m.
Depth:	20	C p date:	1/08/2002
Owner name:	Smitty's Tenderloin Mw-2		
Other info:	Bedrock depth unkn		
Xcoord:	446902.24		
Ycoord:	4597504.9		
Hlink:	http://gsbdata.igsb.uiowa.edu/geosam/Scripts/geocard.asp?wnumber=55570		
Disperse:	1	Site id:	IAPU10000058442

AL294
WNW
1 - 2 Miles
Higher

IA WELLS **IAPU10000058454**

Mapid:	236792		
Wellid:	55569	Id src fld:	wnumber
Datasrc:	GEOU	Location:	T. 78 N., R. 24 W., Sec. 29, SE, SE, SE
Well type:	IGS well database	Est loc ac:	Calc. +/- 140m.
Depth:	20	C p date:	1/08/2002
Owner name:	Smitty's Tenderloin		
Other info:	Bedrock depth unkn		
Xcoord:	446901.24		
Ycoord:	4597516.9		
Hlink:	http://gsbdata.igsb.uiowa.edu/geosam/Scripts/geocard.asp?wnumber=55569		
Disperse:	1	Site id:	IAPU10000058454

295
NW
1 - 2 Miles
Higher

IA WELLS **IAPU10000059126**

Mapid:	235835		
Wellid:	35314	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 28, NW, SE, SW
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 140m.
Depth:	22	C p date:	n.a.
Owner name:	Day, Mrs. Peggy		
Other info:	Well plugged: 3/19/1999; Well type: < 18" dia.		
Xcoord:	447501.84		
Ycoord:	4598304.5		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000059126

AK296
NNW
1 - 2 Miles
Higher

IA WELLS **IAPU10000059269**

Mapid:	235688		
Wellid:	59183	Id src fld:	wnumber
Datasrc:	GEOU	Location:	T. 78 N., R. 24 W., Sec. 28, NW, SE, NE
Well type:	IGS well database	Est loc ac:	Calc. +/- 140m.
Depth:	160	C p date:	7/23/2004
Owner name:	Butler, Ray		
Other info:	Bedrock depth unkn		
Xcoord:	447705.62		
Ycoord:	4598488.8		
Hlink:	http://gsbdata.igsb.uiowa.edu/geosam/Scripts/geocard.asp?wnumber=59183		
Disperse:	1	Site id:	IAPU10000059269

297
SSE
1 - 2 Miles
Lower

IA WELLS **IAPU10000054636**

Mapid:	240856		
Wellid:	49893	Id src fld:	recordno
Datasrc:	TEST	Location:	T. 77 N., R. 24 W., Sec. 10, NE, NE
Well type:	Wells registered for testing	Est loc ac:	Calc. +/- 285m.
Depth:	40	C p date:	1993
Owner name:	Moede, Paul		
Other info:	Drilling method: Bored; Known well depth		
Xcoord:	450006.16		
Ycoord:	4593921.5		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000054636

AM298
NNW
1 - 2 Miles
Lower

IA WELLS **IAPU10000059373**

Mapid:	235570		
Wellid:	2101059	Id src fld:	wellnmbr
Datasrc:	PWTS	Location:	T. 78 N., R. 24 W., Sec. 28, NW SE NE NE NE
Well type:	Private well tracking system	Est loc ac:	nom. +/- 25m.
Depth:	16	C p date:	6/10/1954
Owner name:	Comito, Frank		
Other info:	Status: Plugged Use: Household		
Xcoord:	447777.17		
Ycoord:	4598586.4		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000059373

AM299
NNW
1 - 2 Miles
Lower

IA WELLS **IAPW10000022552**

Wellnmbr:	2101059	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	28
Qqqqq:	NW SE NE NE NE	Elev:	864
Elev acc:	10 m. DEM	Well depth:	16
Br depth:	-99	Wtr depth:	10
Latn:	41.5373		
Longn:	-93.626		
Dte done:	06/10/1954	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Comito, Frank		
Cnstr mthd:	Dug		
Fm rmk:	Not Reported		
Well use:	Household	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	447782.17		

Ycoord:	4598594.41		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000022552

AM300
NNW
1 - 2 Miles
Lower

IA WELLS **IAPW10000022553**

Wellnmbr:	2101059	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	28
Qqqqq:	NW SE NE NE NE	Elev:	0
Elev acc:	Not Reported	Well depth:	16
Br depth:	-99	Wtr depth:	10
Latn:	41.5373		
Longn:	-93.626		
Dte done:	06/10/1954	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Comito, Frank		
Cnstr mthd:	Dug		
Fm rmk:	Not Reported		
Well use:	Household	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	447782.17		
Ycoord:	4598594.41		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000022553

301
NE
1 - 2 Miles
Higher

IA WELLS **IAPU10000058975**

Mapid:	236012		
Wellid:	5121	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 26
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 1135m.
Depth:	4	C p date:	n.a.
Owner name:	McCanich Corp, Mcaninch		
Other info:	Well plugged: 6/27/1991; Well type: < 18" dia.		
Xcoord:	451016.75		
Ycoord:	4598147		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000058975

302
WNW
1 - 2 Miles
Higher

IA WELLS **IAPU10000058448**

Mapid:	236804		
Wellid:	9516	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 29, SE, SE, SW
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 140m.
Depth:	21	C p date:	n.a.
Owner name:	Tallari, Linda		
Other info:	Well plugged: 8/25/1992; Well type: > 18" dia.		
Xcoord:	446706.81		
Ycoord:	4597509		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000058448

AN303
SSE **IA WELLS** **IAPU10000054478**
1 - 2 Miles
Lower

Mapid:	241110		
Wellid:	16287	Id src fld:	recordno
Datasrc:	PVTP	Location:	T. 77 N., R. 24 W., Sec. 10, NE
Well type:	Permitted private wells	Est loc ac:	Calc. +/- 570m.
Depth:	unkn	C p date:	10/28/1983
Owner name:	Unkn		
Other info:	Primary use: Domestic/household		
Xcoord:	449788.16		
Ycoord:	4593730		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000054478

AN304
SSE **IA WELLS** **IAPR10000004688**
1 - 2 Miles
Lower

Recordno:	16287	Twp:	77
N s:	N	Rge:	24
E w:	W	Sec:	10
Qqqqq:	NE	Q abc:	A
Permit:	2240	App role:	U
Appfirst:	PAUL	Applast:	MOEDE
Appaddr:	1919 CROCKER	Appcity:	DES MOINES
Appst:	IA	Appzip:	50314
Appphone:	5152845303	Ownerfirst:	Not Reported
Ownerlast:	Not Reported	Owneraddr:	Not Reported
Ownercity:	Not Reported	Ownerst:	Not Reported
Ownerzip:	Not Reported	Ownerphone:	Not Reported
County:	91	Status:	P
Legal:	NE10 7724W	Depth:	0
Appdate:	10/28/1993	Prmtdate:	10/28/1983
Use1:	2	Use2:	Not Reported
Contname:	Huff, Larry	Contid:	Not Reported
Welldrlr:	Not Reported	Certnum:	40030
Constguess:	Not Reported	Const:	09/01/1991
E1use1:	Not Reported	E1use2:	Not Reported

E1dpth:	0	E1legal:	Not Reported
E1const:	Not Reported	E1status:	Not Reported
E2use1:	Not Reported	E2use2:	Not Reported
E2dpth:	0	E2legal:	Not Reported
E2const:	Not Reported	E2status:	Not Reported
E3use1:	Not Reported	E3use2:	Not Reported
E3dpth:	0	E3legal:	Not Reported
E3const:	Not Reported	E3status:	Not Reported
Agentfirst:	LARRY L	Agentlast:	GITTEINE
Created:	Not Reported	Checked:	Not Reported
Updated:	Not Reported	Prm recs:	0
Well p:	0	Well e:	0
Utm x:	449797.16		
Utm y:	4593730		
Site id:	IAPR10000004688		

AN305
SSE
1 - 2 Miles
Lower

IA WELLS **IAPU10000054475**

Mapid:	241112		
Wellid:	26399	Id src fld:	recordno
Datasrc:	TEST	Location:	T. 77 N., R. 24 W., Sec. 10, NE
Well type:	Wells registered for testing	Est loc ac:	Calc. +/- 570m.
Depth:	40	C p date:	1993
Owner name:	Moede, Paul		
Other info:	Drilling method: Bored; Known well depth		
Xcoord:	449790.16		
Ycoord:	4593728		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000054475

AO306
SSW
1 - 2 Miles
Lower

IA WELLS **IAPU10000054702**

Mapid:	240782		
Wellid:	19443	Id src fld:	recordno
Datasrc:	PVTP	Location:	T. 77 N., R. 24 W., Sec. 9, NW, NE
Well type:	Permitted private wells	Est loc ac:	Calc. +/- 285m.
Depth:	100	C p date:	unkn
Owner name:	Jones		
Other info:	Primary use: Heating and air conditioning		
Xcoord:	447574.84		
Ycoord:	4593982.5		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000054702

AO307
SSW
1 - 2 Miles
Lower

IA WELLS **IAPU10000054680**

Mapid:	240798		
Wellid:	28079	Id src fld:	recordno
Datasrc:	TEST	Location:	T. 77 N., R. 24 W., Sec. 9, NW, NE
Well type:	Wells registered for testing	Est loc ac:	Calc. +/- 285m.
Depth:	30	C p date:	1972
Owner name:	Burris, Robert		
Other info:	Drilling method: Bored; Estimated well depth		
Xcoord:	447587.84		
Ycoord:	4593970.5		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000054680

AO308
SSW
1 - 2 Miles
Lower

IA WELLS **IAPR10000004708**

Recordno:	19443	Twp:	77
N s:	N	Rge:	24
E w:	W	Sec:	9
Qqqqq:	NW NE	Q abc:	BA
Permit:	1299	App role:	O
Appfirst:	WAYNE & JOSEPHINE	Applast:	JONES
Appaddr:	947 BLUE	Appcity:	NORWALK
Appst:	IA	Appzip:	50211
Appphone:	2854512	Ownerfirst:	Not Reported
Ownerlast:	JONES	Owneraddr:	Not Reported
Ownercity:	Not Reported	Ownerst:	Not Reported
Ownerzip:	Not Reported	Ownerphone:	Not Reported
County:	91	Status:	Not Reported
Legal:	NENW 9 7724W	Depth:	100
Appdate:	10/08/1996	Prmtdate:	10/29/1996
Use1:	6 Heatin	Use2:	Not Reported
Contname:	Not Reported	Contid:	Not Reported
Welldrlr:	Bowen, Jeff	Certnum:	40040
Constguess:	Not Reported	Const:	10/01/1996
E1use1:	Not Reported	E1use2:	Not Reported
E1dpth:	0	E1legal:	Not Reported
E1const:	Not Reported	E1status:	Not Reported
E2use1:	Not Reported	E2use2:	Not Reported
E2dpth:	0	E2legal:	Not Reported
E2const:	Not Reported	E2status:	Not Reported
E3use1:	Not Reported	E3use2:	Not Reported
E3dpth:	0	E3legal:	Not Reported
E3const:	Not Reported	E3status:	Not Reported
Agentfirst:	Not Reported	Agentlast:	Not Reported
Created:	lmcmull 12/09/96 12:02:11	Checked:	pheesch 12/10/96 15:31:09
Updated:	pheesch 12/10/96 15:31:09	Prm recs:	0
Well p:	0	Well e:	0
Utm x:	447579.84		
Utm y:	4593974.5		
Site id:	IAPR10000004708		

AO309
SSW
1 - 2 Miles
Lower

IA WELLS **IAPU10000054683**

Mapid:	240794		
Wellid:	39835	Id src fld:	wnumber
Datasrc:	GEOU	Location:	T. 77 N., R. 24 W., Sec. 9, NW, NE
Well type:	IGS well database	Est loc ac:	Calc. +/- 285m.
Depth:	170	C p date:	10/09/1996
Owner name:	Jones, Wayne		
Other info:	Bedrock depth 21 ft.		
Xcoord:	447578.87		
Ycoord:	4593973.1		
Hlink:	http://gsbdata.igsb.uiowa.edu/geosam/Scripts/geocard.asp?wnumber=39835		
Disperse:	1	Site id:	IAPU10000054683

310
SSW
1 - 2 Miles
Lower

IA WELLS **IAPU10000054572**

Mapid:	240926		
Wellid:	52337	Id src fld:	recordno
Datasrc:	TEST	Location:	T. 77 N., R. 24 W., Sec. 9, NW, NE, SE
Well type:	Wells registered for testing	Est loc ac:	Calc. +/- 140m.
Depth:	30	C p date:	1972
Owner name:	Behrens, Jerry		
Other info:	Drilling method: Bored; Known well depth		
Xcoord:	447684.34		
Ycoord:	4593867.5		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000054572

311
ESE
1 - 2 Miles
Higher

IA WELLS **IAPU10000056321**

Mapid:	239013		
Wellid:	26852	Id src fld:	recordno
Datasrc:	TEST	Location:	T. 77 N., R. 24 W., Sec. 1, NW, NW, NW
Well type:	Wells registered for testing	Est loc ac:	Calc. +/- 140m.
Depth:	112	C p date:	1987
Owner name:	Mid American Energy, Del Wynn		
Other info:	Drilling method: Bored;		
Xcoord:	451911.56		
Ycoord:	4595618.5		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000056321

AP312
East
1 - 2 Miles
Higher

IA WELLS **IAPU10000056689**

Mapid:	238602		
Wellid:	2093182	Id src fld:	wellnmbr
Datasrc:	PWTS	Location:	T. 78 N., R. 24 W., Sec. 36, SW SW NE SW SW
Well type:	Private well tracking system	Est loc ac:	nom. +/- 25m.
Depth:	unkn	C p date:	unkn
Owner name:	Unknown		
Other info:	Status: Retired Use: Heat pump		
Xcoord:	452036.03		
Ycoord:	4595961.7		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000056689

AP313
East
1 - 2 Miles
Higher

IA WELLS **IAPW10000021419**

Wellnmbr:	2093182	Pmtnmbr:	14453
Twp:	78	Rge:	24
Ew:	W	Sec:	36
Qqqqq:	SW SW NE SW SW	Elev:	0
Elev acc:	Not Reported	Well depth:	0
Br depth:	-99	Wtr depth:	-99
Latn:	41.5138		
Longn:	-93.5747		
Dte done:	01/01/1930	Cty num:	0
County:	Polk		
Drlr name:	Morrell, Steven		
Drlr cmpy:	* Unknown		
Owner name:	unknown		
Cnstr mthd:	Not Reported		
Fm rmk:	Not Reported		
Well use:	Heat pump	Status:	Retired
Ht pmp no:	3	Permit:	X
Plugging:	Not Reported	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	452044.03		
Ycoord:	4595955.7		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000021419

AP314
East
1 - 2 Miles
Higher

IA WELLS **IAPW10000021418**

Wellnmbr:	2093182	Pmtnmbr:	14453
Twp:	78	Rge:	24
Ew:	W	Sec:	36
Qqqqq:	SW SW NE SW SW	Elev:	0
Elev acc:	Not Reported	Well depth:	0
Br depth:	-99	Wtr depth:	-99
Latn:	41.5138		
Longn:	-93.5747		
Dte done:	01/01/1930	Cty num:	0
County:	Polk		

Drlr name:	Morrell, Steven		
Drlr cmpy:	* Unknown		
Owner name:	unknown		
Cnstr mthd:	Not Reported		
Fm rmk:	Not Reported		
Well use:	Heat pump	Status:	Retired
Ht pmp no:	3	Permit:	X
Plugging:	Not Reported	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	452044.03		
Ycoord:	4595955.7		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000021418

AQ315
SSW
1 - 2 Miles
Lower

IA WELLS **IAPU10000054306**

Mapid:	241333		
Wellid:	22524	Id src fld:	recordno
Datasrc:	TEST	Location:	T. 77 N., R. 24 W., Sec. 9, NE, SW
Well type:	Wells registered for testing	Est loc ac:	Calc. +/- 285m.
Depth:	80	C p date:	1900
Owner name:	Summy, Ron		
Other info:	Drilling method: Dug;		
Xcoord:	447976.44		
Ycoord:	4593566.5		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000054306

AQ316
SSW
1 - 2 Miles
Lower

IA WELLS **IAPU10000054309**

Mapid:	241331		
Wellid:	25658	Id src fld:	recordno
Datasrc:	TEST	Location:	T. 77 N., R. 24 W., Sec. 9, NE, SW
Well type:	Wells registered for testing	Est loc ac:	Calc. +/- 285m.
Depth:	40	C p date:	1900
Owner name:	Summy, Ron		
Other info:	Drilling method: Hand Dug;		
Xcoord:	447962.44		
Ycoord:	4593569.5		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000054309

AQ317
SSW
1 - 2 Miles
Lower

IA WELLS **IAPU10000054302**

Mapid:	241344		
Wellid:	25149	Id src fld:	recordno
Datasrc:	TEST	Location:	T. 77 N., R. 24 W., Sec. 9, NE, SW
Well type:	Wells registered for testing	Est loc ac:	Calc. +/- 285m.
Depth:	40	C p date:	unkn
Owner name:	Summy, Ron		
Other info:	Drilling method: Hand Dug;		
Xcoord:	447976.44		
Ycoord:	4593562.5		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000054302

AQ318
SSW
1 - 2 Miles
Lower

IA WELLS **IAPU10000054301**

Mapid:	241343		
Wellid:	25465	Id src fld:	recordno
Datasrc:	TEST	Location:	T. 77 N., R. 24 W., Sec. 9, NE, SW
Well type:	Wells registered for testing	Est loc ac:	Calc. +/- 285m.
Depth:	40	C p date:	unkn
Owner name:	Summy, Ron		
Other info:	Drilling method: Hand Dug;		
Xcoord:	447964.44		
Ycoord:	4593562.5		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000054301

AR319
SSW
1 - 2 Miles
Lower

IA WELLS **IAPU10000054523**

Mapid:	241012		
Wellid:	2084742	Id src fld:	wellnmbr
Datasrc:	PWTS	Location:	T. 77 N., R. 24 W., Sec. 9, NW NE SW SE SW
Well type:	Private well tracking system	Est loc ac:	nom. +/- 25m.
Depth:	40	C p date:	8/19/2002
Owner name:	Rush, Thomas		
Other info:	Status: Active Use: Household		
Xcoord:	447497.67		
Ycoord:	4593800.2		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000054523

AR320
SSW
1 - 2 Miles
Lower

IA WELLS **IAPW10000020589**

Wellnmbr:	2084742	Pmtnmbr:	Not Reported
Twp:	77	Rge:	24
Ew:	W	Sec:	9
Qqqqq:	NW NE SW SE SW	Elev:	0
Elev acc:	Not Reported	Well depth:	40
Br depth:	-99	Wtr depth:	-99
Latn:	41.4941		
Longn:	-93.6291		
Dte done:	08/19/2002	Cty num:	0
County:	Warren		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Rush, Thomas		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Household	Status:	Active
Ht pmp no:	0	Permit:	Not Reported
Plugging:	Not Reported	Renovate:	Not Reported
Test:	X		
Xcoord:	447488.67		
Ycoord:	4593800.21		
Has litho:	0	Has prod:	0
Has wq:	1	Has constr:	0
Wnumber:	0	Site id:	IAPW10000020589

AR321
SSW
1 - 2 Miles
Lower

IA WELLS **IAPW10000020590**

Wellnmbr:	2084742	Pmtnmbr:	Not Reported
Twp:	77	Rge:	24
Ew:	W	Sec:	9
Qqqqq:	NW NE SW SE SW	Elev:	0
Elev acc:	Not Reported	Well depth:	40
Br depth:	-99	Wtr depth:	-99
Latn:	41.4941		
Longn:	-93.6291		
Dte done:	08/19/2002	Cty num:	0
County:	Warren		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Rush, Thomas		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Household	Status:	Active
Ht pmp no:	0	Permit:	Not Reported
Plugging:	Not Reported	Renovate:	Not Reported
Test:	X		
Xcoord:	447488.67		
Ycoord:	4593800.21		
Has litho:	0	Has prod:	0
Has wq:	1	Has constr:	0
Wnumber:	0	Site id:	IAPW10000020590

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AQ322
SSW
1 - 2 Miles
Lower

IA WELLS **IAPU10000054294**

Mapid:	241378		
Wellid:	25269	Id src fld:	recordno
Datasrc:	TEST	Location:	T. 77 N., R. 24 W., Sec. 9, NE, SW
Well type:	Wells registered for testing	Est loc ac:	Calc. +/- 285m.
Depth:	40	C p date:	1900
Owner name:	Summer, Ron		
Other info:	Drilling method: Dug;		
Xcoord:	447965.44		
Ycoord:	4593552.5		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000054294

323
ESE
1 - 2 Miles
Higher

IA WELLS **IAPU10000056187**

Mapid:	239122		
Wellid:	32758	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 77 N., R. 24 W., Sec. 1, NW, NW
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 285m.
Depth:	108	C p date:	n.a.
Owner name:	Mid American Energy		
Other info:	Well plugged: 5/28/1998; Well type: < 18" dia.		
Xcoord:	452011.84		
Ycoord:	4595515.5		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000056187

AR324
SSW
1 - 2 Miles
Lower

FED USGS **USGS2594724**

Agency cd:	USGS	Site no:	412937093374201
Site name:	077N24W09BAC 21527		
Latitude:	412937	EDR Site id:	USGS2594724
Longitude:	0933742	Dec lat:	41.49360127
Dec lon:	-93.62855114	Coor meth:	M
Coor accr:	F	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	19
State:	19	County:	181
Country:	US	Land net:	SWNENWS09 T077N R24W 5
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	892.00		
Altitude method:	Altimeter		
Altitude accuracy:	05		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Lake Red Rock. Iowa. Area = 2400 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19690301
Date inventoried:	Not Reported	Mean greenwich time offset:	CST

Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	299	Hole depth:	299
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1969-03-01	Ground water data end date:	1969-03-01
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1969-03-01	80.00	

AS325
NNW
1 - 2 Miles
Higher

IA WELLS **IAPU10000060060**

Mapid:	234846		
Wellid:	14623	Id src fld:	recordno
Datasrc:	PVTP	Location:	T. 78 N., R. 24 W., Sec. 21, SE, SW
Well type:	Permitted private wells	Est loc ac:	Calc. +/- 285m.
Depth:	450	C p date:	7/23/1992
Owner name:	Unkn		
Other info:	Primary use: Domestic/household		
Xcoord:	448014.56		
Ycoord:	4599187		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000060060

AS326
NNW
1 - 2 Miles
Higher

IA WELLS **IAPR10000005168**

Recordno:	14623	Twp:	78
N s:	N	Rge:	24
E w:	W	Sec:	21
Qqqqq:	SE SW	Q abc:	DC
Permit:	1748	App role:	U
Appfirst:	WATER	Applast:	DEVEL.
Appaddr:	BOX 555	Appcity:	ANKENY
Appst:	IA	Appzip:	50021
Appphone:	9642848	Ownerfirst:	Not Reported
Ownerlast:	Not Reported	Owneraddr:	Not Reported

Ownercity:	Not Reported	Ownerst:	Not Reported
Ownerzip:	Not Reported	Ownerphone:	Not Reported
County:	77	Status:	P
Legal:	SWSE21 7824W	Depth:	450
Appdate:	07/23/1992	Prmtdate:	07/23/1992
Use1:	2	Use2:	Not Reported
Contname:	WATER DEVELOPMENT	Contid:	Not Reported
Welldrlr:	Not Reported	Certnum:	Not Reported
Constguess:	Not Reported	Const:	09/01/1991
E1use1:	Not Reported	E1use2:	Not Reported
E1dpth:	0	E1legal:	Not Reported
E1const:	Not Reported	E1status:	Not Reported
E2use1:	Not Reported	E2use2:	Not Reported
E2dpth:	0	E2legal:	Not Reported
E2const:	Not Reported	E2status:	Not Reported
E3use1:	Not Reported	E3use2:	Not Reported
E3dpth:	0	E3legal:	Not Reported
E3const:	Not Reported	E3status:	Not Reported
Agentfirst:	Bobby	Agentlast:	Baker
Created:	Not Reported	Checked:	bbierma 03/04/97 08:40:03
Updated:	bbierma 03/04/97 08:40:03	Prm recs:	0
Well p:	0	Well e:	0
Utm x:	448011.56		
Utm y:	4599196		
Site id:	IAPR10000005168		

AT327
SSW
1 - 2 Miles
Lower

IA WELLS **IAPU10000054313**

Mapid:	241326		
Wellid:	2106499	Id src fld:	wellnmbr
Datasrc:	PWTS	Location:	T. 77 N., R. 24 W., Sec. 9, NW SE NE SE SE
Well type:	Private well tracking system	Est loc ac:	nom. +/- 25m.
Depth:	32	C p date:	3/01/1949
Owner name:	Lawrence, Bonnie		
Other info:	Status: Active Use: Household		
Xcoord:	447739.13		
Ycoord:	4593574.4		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000054313

AT328
SSW
1 - 2 Miles
Lower

IA WELLS **IAPW10000020492**

Wellnmbr:	2106499	Pmtnmbr:	Not Reported
Twp:	77	Rge:	24
Ew:	W	Sec:	9
Qqqqq:	NW SE NE SE SE	Elev:	0
Elev acc:	Not Reported	Well depth:	32
Br depth:	-99	Wtr depth:	16
Latn:	41.4921		
Longn:	-93.6262		
Dte done:	03/01/1949	Cty num:	0
County:	Warren		

Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Lawrence, Bonnie		
Cnstr mthd:	Dug		
Fm rmk:	Not Reported		
Well use:	Household	Status:	Active
Ht pmp no:	0	Permit:	Not Reported
Plugging:	Not Reported	Renovate:	X
Test:	Not Reported		
Xcoord:	447729.13		
Ycoord:	4593576.42		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000020492

AT329
SSW
1 - 2 Miles
Lower

IA WELLS **IAPW10000020493**

Wellnmbr:	2106499	Pmtnmbr:	Not Reported
Twp:	77	Rge:	24
Ew:	W	Sec:	9
Qqqqq:	NW SE NE SE SE	Elev:	0
Elev acc:	Not Reported	Well depth:	32
Br depth:	-99	Wtr depth:	16
Latn:	41.4921		
Longn:	-93.6262		
Dte done:	03/01/1949	Cty num:	0
County:	Warren		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Lawrence, Bonnie		
Cnstr mthd:	Dug		
Fm rmk:	Not Reported		
Well use:	Household	Status:	Active
Ht pmp no:	0	Permit:	Not Reported
Plugging:	Not Reported	Renovate:	X
Test:	Not Reported		
Xcoord:	447729.13		
Ycoord:	4593576.42		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000020493

AU330
WNW
1 - 2 Miles
Higher

IA WELLS **IAPU10000058304**

Mapid:	236983		
Wellid:	2075294	Id src fld:	wellnmbr
Datasrc:	PWTS	Location:	T. 78 N., R. 24 W., Sec. 32, NW NE NE NE NE
Well type:	Private well tracking system	Est loc ac:	nom. +/- 25m.
Depth:	180	C p date:	1/01/1990
Owner name:	Unknown		
Other info:	Status: Plugged Use: Monitoring		
Xcoord:	446194.16		
Ycoord:	4597394.8		
Hlink:	Not Reported		

Disperse:	1	Site id:	IAPU10000058304

AU331
WNW
1 - 2 Miles
Higher

IA WELLS **IAPW10000022010**

Wellnmbr:	2079969	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	32
Qqqqq:	NW NE NE NE NE	Elev:	0
Elev acc:	Not Reported	Well depth:	18
Br depth:	-99	Wtr depth:	10
Latn:	41.5263		
Longn:	-93.645		
Dte done:	01/01/1990	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	unknown		
Cnstr mthd:	Unknown		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	446188.16		
Ycoord:	4597384.84		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000022010

AU332
WNW
1 - 2 Miles
Higher

IA WELLS **IAPW10000022008**

Wellnmbr:	2075294	Pmtnmbr:	10265
Twp:	78	Rge:	24
Ew:	W	Sec:	32
Qqqqq:	NW NE NE NE NE	Elev:	0
Elev acc:	Not Reported	Well depth:	180
Br depth:	-99	Wtr depth:	10
Latn:	41.5263		
Longn:	-93.645		
Dte done:	01/01/1990	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	unknown		
Cnstr mthd:	Unknown		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	X
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	446188.16		

Ycoord:	4597384.84		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000022008

AU333
WNW
1 - 2 Miles
Higher

IA WELLS **IAPW10000022009**

Wellnmbr:	2079968	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	32
Qqqqq:	NW NE NE NE NE	Elev:	0
Elev acc:	Not Reported	Well depth:	18
Br depth:	-99	Wtr depth:	10
Latn:	41.5263		
Longn:	-93.645		
Dte done:	01/01/1990	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	unknown		
Cnstr mthd:	Unknown		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	446188.16		
Ycoord:	4597384.84		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000022009

AU334
WNW
1 - 2 Miles
Higher

IA WELLS **IAPW10000022013**

Wellnmbr:	2079969	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	32
Qqqqq:	NW NE NE NE NE	Elev:	0
Elev acc:	Not Reported	Well depth:	18
Br depth:	-99	Wtr depth:	10
Latn:	41.5263		
Longn:	-93.645		
Dte done:	01/01/1990	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	unknown		
Cnstr mthd:	Unknown		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	446188.16		

Ycoord:	4597384.84		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000022013

AU335
WNW
1 - 2 Miles
Higher

IA WELLS **IAPW10000022012**

Wellnmbr:	2079968	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	32
Qqqqq:	NW NE NE NE NE	Elev:	0
Elev acc:	Not Reported	Well depth:	18
Br depth:	-99	Wtr depth:	10
Latn:	41.5263		
Longn:	-93.645		
Dte done:	01/01/1990	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	unknown		
Cnstr mthd:	Unknown		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	446188.16		
Ycoord:	4597384.84		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000022012

AU336
WNW
1 - 2 Miles
Higher

IA WELLS **IAPW10000022011**

Wellnmbr:	2075294	Pmtnmbr:	10265
Twp:	78	Rge:	24
Ew:	W	Sec:	32
Qqqqq:	NW NE NE NE NE	Elev:	0
Elev acc:	Not Reported	Well depth:	180
Br depth:	-99	Wtr depth:	10
Latn:	41.5263		
Longn:	-93.645		
Dte done:	01/01/1990	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	unknown		
Cnstr mthd:	Unknown		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	X
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	446188.16		

Ycoord:	4597384.84		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000022011

AU337
WNW
1 - 2 Miles
Higher

IA WELLS **IAPU10000058288**

Mapid:	237005		
Wellid:	2079968	Id src fld:	wellnmbr
Datasrc:	PWTS	Location:	T. 78 N., R. 24 W., Sec. 32, NW NE NE NE NE
Well type:	Private well tracking system	Est loc ac:	nom. +/- 25m.
Depth:	18	C p date:	1/01/1990
Owner name:	Unknown		
Other info:	Status: Plugged Use: Monitoring		
Xcoord:	446187.16		
Ycoord:	4597384.8		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000058288

AU338
WNW
1 - 2 Miles
Higher

IA WELLS **IAPU10000058291**

Mapid:	236997		
Wellid:	2079969	Id src fld:	wellnmbr
Datasrc:	PWTS	Location:	T. 78 N., R. 24 W., Sec. 32, NW NE NE NE NE
Well type:	Private well tracking system	Est loc ac:	nom. +/- 25m.
Depth:	18	C p date:	1/01/1990
Owner name:	Unknown		
Other info:	Status: Plugged Use: Monitoring		
Xcoord:	446187.16		
Ycoord:	4597387.8		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000058291

339
NNE
1 - 2 Miles
Lower

IA WELLS **IAPU10000060103**

Mapid:	234780		
Wellid:	7780	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 22, SE, SE, NE
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 140m.
Depth:	25	C p date:	n.a.
Owner name:	Leopard Enterprise, Budget Lub		
Other info:	Well plugged: 4/1/1992; Well type: < 18" dia.		
Xcoord:	450125.06		
Ycoord:	4599258.5		
Hlink:	Not Reported		

Disperse:	1	Site id:	IAPU10000060103

340
NNW
1 - 2 Miles
Higher

IA WELLS **IAPU10000060122**

Mapid:	234739		
Wellid:	22301	Id src fld:	recordno
Datasrc:	TEST	Location:	T. 78 N., R. 24 W., Sec. 21, SE, SW, NE
Well type:	Wells registered for testing	Est loc ac:	Calc. +/- 140m.
Depth:	485	C p date:	1992
Owner name:	Love, Dr. Charles		
Other info:	Drilling method: Drilled;		
Xcoord:	448116.34		
Ycoord:	4599289		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000060122

341
NW
1 - 2 Miles
Higher

IA WELLS **IAPU10000059766**

Mapid:	235148		
Wellid:	1227	Id src fld:	wnumber
Datasrc:	GEOU	Location:	T. 78 N., R. 24 W., Sec. 28, NW, NW, NE
Well type:	IGS well database	Est loc ac:	Calc. +/- 140m.
Depth:	174	C p date:	1/01/1940
Owner name:	Cain, Mrs. Robert		
Other info:	Bedrock depth 119 ft.		
Xcoord:	447297.62		
Ycoord:	4598915.6		
Hlink:	http://gsbdata.igsb.uiowa.edu/geosam/Scripts/geocard.asp?wnumber=1227		
Disperse:	1	Site id:	IAPU10000059766

342
SSW
1 - 2 Miles
Lower

IA WELLS **IAPU10000054299**

Mapid:	241342		
Wellid:	28102	Id src fld:	recordno
Datasrc:	TEST	Location:	T. 77 N., R. 24 W., Sec. 9, NW, SE
Well type:	Wells registered for testing	Est loc ac:	Calc. +/- 285m.
Depth:	30	C p date:	1947
Owner name:	Weaver, Phil		
Other info:	Drilling method: Bored; Estimated well depth		
Xcoord:	447579.84		
Ycoord:	4593562.5		
Hlink:	Not Reported		

Disperse:	1	Site id:	IAPU10000054299

AV343
NNE
1 - 2 Miles
Lower

IA WELLS **IAPU10000060100**

Mapid:	234788		
Wellid:	46391	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 23, SW, SW, NW
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 140m.
Depth:	19	C p date:	n.a.
Owner name:	Quiktrip Corporation		
Other info:	Well plugged: 6/28/2001; Well type: < 18" dia.		
Xcoord:	450309.75		
Ycoord:	4599254.5		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000060100

AV344
NNE
1 - 2 Miles
Lower

IA WELLS **IAPU10000060101**

Mapid:	234787		
Wellid:	46389	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 23, SW, SW, NW
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 140m.
Depth:	17	C p date:	n.a.
Owner name:	Quiktrip Corporation		
Other info:	Well plugged: 6/28/2001; Well type: < 18" dia.		
Xcoord:	450309.75		
Ycoord:	4599255.5		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000060101

AW345
East
1 - 2 Miles
Higher

IA WELLS **IAPW10000021342**

Wellnmbr:	2109759	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	36
Qqqqq:	SW SW SE SE SE	Elev:	0
Elev acc:	Not Reported	Well depth:	26
Br depth:	-99	Wtr depth:	-99
Latn:	41.5118		
Longn:	-93.5727		
Dte done:	06/10/1990	Cty num:	0
County:	Polk		

Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Not Reported		
Cnstr mthd:	Unknown		
Fm rmk:	Not Reported		
Well use:	Household	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	452209.45		
Ycoord:	4595732.55		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000021342

AW346
East
1 - 2 Miles
Higher

IA WELLS **IAPW10000021341**

Wellnmbr:	2109759	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	36
Qqqqq:	SW SW SE SE SE	Elev:	0
Elev acc:	Not Reported	Well depth:	26
Br depth:	-99	Wtr depth:	-99
Latn:	41.5118		
Longn:	-93.5727		
Dte done:	06/10/1990	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Not Reported		
Cnstr mthd:	Unknown		
Fm rmk:	Not Reported		
Well use:	Household	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	452209.45		
Ycoord:	4595732.55		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000021341

AV347
NNE
1 - 2 Miles
Lower

IA WELLS **IAPU10000060104**

Mapid:	234784		
Wellid:	46392	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 23, SW, SW, NW
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 140m.
Depth:	16	C p date:	n.a.
Owner name:	Quiktrip Corporation		
Other info:	Well plugged: 6/28/2001; Well type: < 18" dia.		
Xcoord:	450312.75		
Ycoord:	4599257.5		
Hlink:	Not Reported		

Disperse:	1	Site id:	IAPU10000060104

AX348
SW
1 - 2 Miles
Higher

IA WELLS **IAPU10000054584**

Mapid:	240908		
Wellid:	19995	Id src fld:	recordno
Datasrc:	PVTP	Location:	T. 77 N., R. 24 W., Sec. 9, NW, NW, SW
Well type:	Permitted private wells	Est loc ac:	Calc. +/- 140m.
Depth:	150	C p date:	8/24/1990
Owner name:	Phillips		
Other info:	Primary use: Domestic/household		
Xcoord:	447083.66		
Ycoord:	4593882.5		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000054584

AV349
NNE
1 - 2 Miles
Lower

IA WELLS **IAPU10000060105**

Mapid:	234785		
Wellid:	46393	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 23, SW, SW, NW
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 140m.
Depth:	12	C p date:	n.a.
Owner name:	Quiktrip Corporation		
Other info:	Well plugged: 6/28/2001; Well type: < 18" dia.		
Xcoord:	450323.75		
Ycoord:	4599257.5		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000060105

AW350
East
1 - 2 Miles
Higher

IA WELLS **IAPU10000056428**

Mapid:	238930		
Wellid:	2109759	Id src fld:	wellnmbr
Datasrc:	PWTS	Location:	T. 78 N., R. 24 W., Sec. 36, SW SW SE SE SE
Well type:	Private well tracking system	Est loc ac:	nom. +/- 25m.
Depth:	26	C p date:	6/10/1990
Owner name:	Unknown		
Other info:	Status: Plugged Use: Household		
Xcoord:	452216.45		
Ycoord:	4595724.5		
Hlink:	Not Reported		

Disperse:	1	Site id:	IAPU10000056428

AV351
NNE
1 - 2 Miles
Lower

IA WELLS **IAPU10000060107**

Mapid:	234774		
Wellid:	46395	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 23, SW, SW, NW
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 140m.
Depth:	13	C p date:	n.a.
Owner name:	Quiktrip Corporation		
Other info:	Well plugged: 6/28/2001; Well type: < 18" dia.		
Xcoord:	450325.75		
Ycoord:	4599259.5		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000060107

AV352
NNE
1 - 2 Miles
Lower

IA WELLS **IAPU10000060116**

Mapid:	234758		
Wellid:	46394	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 23, SW, SW, NW
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 140m.
Depth:	10	C p date:	n.a.
Owner name:	Quiktrip Corporation		
Other info:	Well plugged: 6/28/2001; Well type: < 18" dia.		
Xcoord:	450311.75		
Ycoord:	4599265.5		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000060116

AX353
SW
1 - 2 Miles
Higher

IA WELLS **IAPU10000054590**

Mapid:	240898		
Wellid:	46022	Id src fld:	recordno
Datasrc:	TEST	Location:	T. 77 N., R. 24 W., Sec. 9, NW, NW, SW
Well type:	Wells registered for testing	Est loc ac:	Calc. +/- 140m.
Depth:	42	C p date:	1987
Owner name:	Herbert, Don		
Other info:	Drilling method: Bored; Known well depth		
Xcoord:	447072.66		
Ycoord:	4593887.5		
Hlink:	Not Reported		

Disperse:	1	Site id:	IAPU10000054590

AV354
NNE
1 - 2 Miles
Lower

IA WELLS **IAPU10000060113**

Mapid:	234763		
Wellid:	46390	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 23, SW, SW, NW
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 140m.
Depth:	14	C p date:	n.a.
Owner name:	Quiktrip Corporation		
Other info:	Well plugged: 6/28/2001; Well type: < 18" dia.		
Xcoord:	450322.75		
Ycoord:	4599263.5		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000060113

AX355
SW
1 - 2 Miles
Higher

IA WELLS **IAPR10000004699**

Recordno:	19995	Twp:	77
N s:	N	Rge:	24
E w:	W	Sec:	9
Qqqqq:	NW NW SW	Q abc:	BBC
Permit:	1159	App role:	O
Appfirst:	RAYMOND	Applast:	PHILLIPS
Appaddr:	220 GREENFIELD PARKWAY	Appcity:	DES MOINES
Appst:	IA	Appzip:	50320
Appphone:	2235100	Ownerfirst:	Not Reported
Ownerlast:	PHILLIPS	Owneraddr:	Not Reported
Ownercity:	Not Reported	Ownerst:	Not Reported
Ownerzip:	Not Reported	Ownerphone:	Not Reported
County:	77	Status:	Not Reported
Legal:	SWNWNW 9 7724W	Depth:	150
Appdate:	08/24/1990	Prmtdate:	08/24/1990
Use1:	2	Use2:	Not Reported
Contname:	RO-BANKS WELL CO.	Contid:	Not Reported
Welldrlr:	BANKS, ROGER	Certnum:	40105
Constguess:	Not Reported	Const:	09/01/1990
E1use1:	2	E1use2:	Not Reported
E1dpth:	150	E1legal:	SWNWNW 9 7724W
E1const:	Not Reported	E1status:	Not Reported
E2use1:	Not Reported	E2use2:	Not Reported
E2dpth:	0	E2legal:	Not Reported
E2const:	Not Reported	E2status:	Not Reported
E3use1:	Not Reported	E3use2:	Not Reported
E3dpth:	0	E3legal:	Not Reported
E3const:	Not Reported	E3status:	Not Reported
Agentfirst:	CHARLOTTE	Agentlast:	BANKS
Created:	bbierma 02/27/97 10:01:58	Checked:	Not Reported

Updated:	bbierma 02/27/97 10:04:48	Prm recs:	0
Well p:	0	Well e:	0
Utm x:	447077.66		
Utm y:	4593879.5		
Site id:	IAPR10000004699		

AW356
East
1 - 2 Miles
Higher

IA WELLS **IAPU10000056455**

Mapid:	238855		
Wellid:	2109757	Id src fld:	wellnmbr
Datasrc:	PWTS	Location:	T. 78 N., R. 24 W., Sec. 36, SW SE SW SW SW
Well type:	Private well tracking system	Est loc ac:	nom. +/- 25m.
Depth:	450	C p date:	6/10/1990
Owner name:	Unknown		
Other info:	Status: Plugged Use: Irrigation		
Xcoord:	452230.63		
Ycoord:	4595760.5		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000056455

AW357
East
1 - 2 Miles
Higher

IA WELLS **IAPW10000021349**

Wellnmbr:	2109757	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	36
Qqqqq:	SW SE SW SW SW	Elev:	0
Elev acc:	Not Reported	Well depth:	450
Br depth:	-99	Wtr depth:	-99
Latn:	41.512		
Longn:	-93.5724		
Dte done:	06/10/1990	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Not Reported		
Cnstr mthd:	Unknown		
Fm rmk:	Not Reported		
Well use:	Irrigation	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	452234.63		
Ycoord:	4595754.59		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000021349

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AW358
East
1 - 2 Miles
Higher

IA WELLS **IAPW10000021350**

Wellnmbr:	2109757	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	36
Qqqqq:	SW SE SW SW SW	Elev:	0
Elev acc:	Not Reported	Well depth:	450
Br depth:	-99	Wtr depth:	-99
Latn:	41.512		
Longn:	-93.5724		
Dte done:	06/10/1990	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Not Reported		
Cnstr mthd:	Unknown		
Fm rmk:	Not Reported		
Well use:	Irrigation	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	452234.63		
Ycoord:	4595754.59		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000021350

AY359
NNW
1 - 2 Miles
Higher

IA WELLS **IAPU10000060127**

Mapid:	234730		
Wellid:	29737	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 21, SE, SW, NW
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 140m.
Depth:	unkn	C p date:	n.a.
Owner name:	Orr, Robert S.		
Other info:	Well plugged: 9/30/1997; Well type: < 18" dia.		
Xcoord:	447915.06		
Ycoord:	4599298		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000060127

360
SSW
1 - 2 Miles
Lower

IA WELLS **IAPU10000054327**

Mapid:	241296		
Wellid:	21527	Id src fld:	wnumber
Datasrc:	GEOU	Location:	T. 77 N., R. 24 W., Sec. 9, NW, NE, SW
Well type:	IGS well database	Est loc ac:	Calc. +/- 140m.
Depth:	299	C p date:	3/01/1969
Owner name:	Bartholomew, John		
Other info:	Bedrock depth 17 ft.		
Xcoord:	447449.98		
Ycoord:	4593593		
Hlink:	http://gsbdata.igsb.uiowa.edu/geosam/Scripts/geocard.asp?wnumber=21527		
Disperse:	1	Site id:	IAPU10000054327

AY361
NNW
1 - 2 Miles
Higher

IA WELLS **IAPU10000060132**

Mapid:	234718		
Wellid:	29736	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 21, SE, SW, NW
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 140m.
Depth:	unkn	C p date:	n.a.
Owner name:	Orr, Robert S.		
Other info:	Well plugged: 9/30/1997; Well type: < 18" dia.		
Xcoord:	447919.06		
Ycoord:	4599303		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000060132

AY362
NNW
1 - 2 Miles
Higher

IA WELLS **IAPU10000060129**

Mapid:	234724		
Wellid:	29738	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 21, SE, SW, NW
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 140m.
Depth:	unkn	C p date:	n.a.
Owner name:	Orr, Robert S.		
Other info:	Well plugged: 9/30/1997; Well type: < 18" dia.		
Xcoord:	447902.06		
Ycoord:	4599301		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000060129

AY363
NNW
1 - 2 Miles
Higher

IA WELLS **IAPU10000060139**

Mapid:	234711		
Wellid:	29739	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 21, SE, SW, NW
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 140m.
Depth:	unkn	C p date:	n.a.
Owner name:	Orr, Robert S.		
Other info:	Well plugged: 4/17/1997; Well type: < 18" dia.		
Xcoord:	447916.06		
Ycoord:	4599308		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000060139

AZ364
SSW
1 - 2 Miles
Lower

IA WELLS **IAPU10000054184**

Mapid:	241482		
Wellid:	48616	Id src fld:	recordno
Datasrc:	TEST	Location:	T. 77 N., R. 24 W., Sec. 9, NW, SE, SE
Well type:	Wells registered for testing	Est loc ac:	Calc. +/- 140m.
Depth:	32	C p date:	unkn
Owner name:	Weaver, John P.		
Other info:	Drilling method: Bored; Known well depth		
Xcoord:	447667.34		
Ycoord:	4593462.5		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000054184

AY365
NNW
1 - 2 Miles
Higher

IA WELLS **IAPU10000060141**

Mapid:	234709		
Wellid:	29740	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 21, SE, SW, NW
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 140m.
Depth:	unkn	C p date:	n.a.
Owner name:	Orr, Robert S.		
Other info:	Well plugged: 4/18/1997; Well type: < 18" dia.		
Xcoord:	447908.06		
Ycoord:	4599309		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000060141

AY366
NNW
1 - 2 Miles
Higher

IA WELLS **IAPU10000060142**

Mapid:	234710		
Wellid:	29741	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 21, SE, SW, NW
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 140m.
Depth:	unkn	C p date:	n.a.
Owner name:	Orr, Robert S.		
Other info:	Well plugged: 4/17/1997; Well type: < 18" dia.		
Xcoord:	447908.06		
Ycoord:	4599309		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000060142

AZ367
SSW
1 - 2 Miles
Lower

IA WELLS **IAPU10000054176**

Mapid:	241487		
Wellid:	48213	Id src fld:	recordno
Datasrc:	TEST	Location:	T. 77 N., R. 24 W., Sec. 9, NW, SE, SE
Well type:	Wells registered for testing	Est loc ac:	Calc. +/- 140m.
Depth:	32	C p date:	unkn
Owner name:	Weaver, John		
Other info:	Drilling method: Bored; Known well depth		
Xcoord:	447661.34		
Ycoord:	4593459.5		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000054176

368
ESE
2 - 3 Miles
Higher

IA WELLS **IAPU10000055850**

Mapid:	239472		
Wellid:	27875	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 77 N., R. 24 W., Sec. 1, NW, SW, NE
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 140m.
Depth:	34	C p date:	n.a.
Owner name:	State Of Iowa		
Other info:	Well plugged: 4/24/1997; Well type: > 18" dia.		
Xcoord:	452118.56		
Ycoord:	4595209.5		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000055850

BA369
North
2 - 3 Miles
Higher

IA WELLS **IAPU10000060349**

Mapid:	234419		
Wellid:	2099644	Id src fld:	wellnmbr
Datasrc:	PWTS	Location:	T. 78 N., R. 24 W., Sec. 22, SW NW SE NW NW
Well type:	Private well tracking system	Est loc ac:	nom. +/- 25m.
Depth:	unkn	C p date:	unkn
Owner name:	Unknown		
Other info:	Status: Retired Use: Heat pump		
Xcoord:	448815.38		
Ycoord:	4599547.8		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000060349

BA370
North
2 - 3 Miles
Higher

IA WELLS **IAPW10000022896**

Wellnmbr:	2099644	Pmtnmbr:	16564
Twp:	78	Rge:	24
Ew:	W	Sec:	22
Qqqqq:	SW NW SE NW NW	Elev:	0
Elev acc:	Not Reported	Well depth:	0
Br depth:	-99	Wtr depth:	-99
Latn:	41.546		
Longn:	-93.6136		
Dte done:	01/01/1980	Cty num:	0
County:	Polk		
Drlr name:	Not Reported		
Drlr cmpy:	Not Reported		
Owner name:	unknown		
Cnstr mthd:	Not Reported		
Fm rmk:	Not Reported		
Well use:	Heat pump	Status:	Retired
Ht pmp no:	1	Permit:	X
Plugging:	Not Reported	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	448823.38		
Ycoord:	4599552.87		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000022896

BA371
North
2 - 3 Miles
Higher

IA WELLS **IAPW10000022897**

Wellnmbr:	2099644	Pmtnmbr:	16564
Twp:	78	Rge:	24
Ew:	W	Sec:	22
Qqqqq:	SW NW SE NW NW	Elev:	0
Elev acc:	Not Reported	Well depth:	0
Br depth:	-99	Wtr depth:	-99
Latn:	41.546		
Longn:	-93.6136		
Dte done:	01/01/1980	Cty num:	0
County:	Polk		

Drlr name:	Not Reported		
Drlr cmpy:	Not Reported		
Owner name:	unknown		
Cnstr mthd:	Not Reported		
Fm rmk:	Not Reported		
Well use:	Heat pump	Status:	Retired
Ht pmp no:	1	Permit:	X
Plugging:	Not Reported	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	448823.38		
Ycoord:	4599552.87		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000022897

BB372
SSW
2 - 3 Miles
Lower

IA WELLS **IAPU10000054082**

Mapid:	241606		
Wellid:	2087352	Id src fld:	wellnmbr
Datasrc:	PWTS	Location:	T. 77 N., R. 24 W., Sec. 9, NW SE SE SE SE
Well type:	Private well tracking system	Est loc ac:	nom. +/- 25m.
Depth:	20	C p date:	1/01/1930
Owner name:	Weave, John		
Other info:	Status: Active Use: Household		
Xcoord:	447747.65		
Ycoord:	4593372.3		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000054082

BB373
SSW
2 - 3 Miles
Lower

IA WELLS **IAPW10000020408**

Wellnmbr:	2087352	Pmtnmbr:	Not Reported
Twp:	77	Rge:	24
Ew:	W	Sec:	9
Qqqqq:	NW SE SE SE SE	Elev:	0
Elev acc:	Not Reported	Well depth:	20
Br depth:	-99	Wtr depth:	-99
Latn:	41.4902		
Longn:	-93.6259		
Dte done:	01/01/1930	Cty num:	0
County:	Warren		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Weave, John		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Household	Status:	Active
Ht pmp no:	0	Permit:	Not Reported
Plugging:	Not Reported	Renovate:	Not Reported
Test:	X		
Xcoord:	447752.65		

Ycoord:	4593365.3		
Has litho:	0	Has prod:	0
Has wq:	1	Has constr:	0
Wnumber:	0	Site id:	IAPW10000020408

BB374
SSW
2 - 3 Miles
Lower

IA WELLS **IAPW10000020409**

Wellnmbr:	2087352	Pmtnmbr:	Not Reported
Twp:	77	Rge:	24
Ew:	W	Sec:	9
Qqqqq:	NW SE SE SE SE	Elev:	0
Elev acc:	Not Reported	Well depth:	20
Br depth:	-99	Wtr depth:	-99
Latn:	41.4902		
Longn:	-93.6259		
Dte done:	01/01/1930	Cty num:	0
County:	Warren		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Weave, John		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Household	Status:	Active
Ht pmp no:	0	Permit:	Not Reported
Plugging:	Not Reported	Renovate:	Not Reported
Test:	X		
Xcoord:	447752.65		
Ycoord:	4593365.3		
Has litho:	0	Has prod:	0
Has wq:	1	Has constr:	0
Wnumber:	0	Site id:	IAPW10000020409

375
ESE
2 - 3 Miles
Higher

IA WELLS **IAPU10000055944**

Mapid:	239370		
Wellid:	28158	Id src fld:	wnumber
Datasrc:	GEOU	Location:	T. 77 N., R. 24 W., Sec. 1, NW
Well type:	IGS well database	Est loc ac:	Calc. +/- 570m.
Depth:	112	C p date:	6/19/1987
Owner name:	Middlewood Inc.		
Other info:	Bedrock depth 112 ft.		
Xcoord:	452210.51		
Ycoord:	4595303.5		
Hlink:	http://gsbdata.igsb.uiowa.edu/geosam/Scripts/geocard.asp?wnumber=28158		
Disperse:	1	Site id:	IAPU10000055944

BC376
East
2 - 3 Miles
Higher

IA WELLS **IAPU10000056444**

Mapid:	238875		
Wellid:	2109755	Id src fld:	wellnmbr
Datasrc:	PWTS	Location:	T. 78 N., R. 24 W., Sec. 36, SW SE SW SE SE
Well type:	Private well tracking system	Est loc ac:	nom. +/- 25m.
Depth:	110	C p date:	6/10/1990
Owner name:	Unknown		
Other info:	Status: Plugged Use: Irrigation		
Xcoord:	452381.77		
Ycoord:	4595745.5		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000056444

BC377
East
2 - 3 Miles
Higher

IA WELLS **IAPW10000021347**

Wellnmbr:	2109755	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	36
Qqqqq:	SW SE SW SE SE	Elev:	0
Elev acc:	Not Reported	Well depth:	110
Br depth:	-99	Wtr depth:	-99
Latn:	41.5119		
Longn:	-93.5706		
Dte done:	06/10/1990	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Not Reported		
Cnstr mthd:	Unknown		
Fm rmk:	Not Reported		
Well use:	Irrigation	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	452384.77		
Ycoord:	4595742.5		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000021347

BC378
East
2 - 3 Miles
Higher

IA WELLS **IAPW10000021348**

Wellnmbr:	2109755	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	36
Qqqqq:	SW SE SW SE SE	Elev:	0
Elev acc:	Not Reported	Well depth:	110
Br depth:	-99	Wtr depth:	-99
Latn:	41.5119		
Longn:	-93.5706		
Dte done:	06/10/1990	Cty num:	0
County:	Polk		

Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Not Reported		
Cnstr mthd:	Unknown		
Fm rmk:	Not Reported		
Well use:	Irrigation	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	452384.77		
Ycoord:	4595742.5		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000021348

379
South
2 - 3 Miles
Lower

IA WELLS **IAPU10000053736**

Mapid:	242074		
Wellid:	21530	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 77 N., R. 24 W., Sec. 10, SE, NW, SW
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 140m.
Depth:	50	C p date:	n.a.
Owner name:	Warren, County		
Other info:	Well plugged: 8/10/1995; Well type: < 18" dia.		
Xcoord:	449493.34		
Ycoord:	4593014.5		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000053736

BD380
West
2 - 3 Miles
Higher

IA WELLS **IAPU10000057877**

Mapid:	237365		
Wellid:	27387	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 32, NW
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 570m.
Depth:	30	C p date:	n.a.
Owner name:	Amoco Corp, Rw-2		
Other info:	Well plugged: nil; Well type: < 18" dia.		
Xcoord:	445808.22		
Ycoord:	4597008.5		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000057877

BD381
WNW
2 - 3 Miles
Higher

IA WELLS **IAPU10000057890**

Mapid:	237353		
Wellid:	27388	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 32, NW
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 570m.
Depth:	30	C p date:	n.a.
Owner name:	Amoco Corp, Rw-3		
Other info:	Well plugged: nil; Well type: < 18" dia.		
Xcoord:	445805.22		
Ycoord:	4597018.5		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000057890

BD382
West
2 - 3 Miles
Higher

IA WELLS **IAPU10000057876**

Mapid:	237364		
Wellid:	27386	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 32, NW
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 570m.
Depth:	30	C p date:	n.a.
Owner name:	Amoco Corp, Rw-1		
Other info:	Well plugged: nil; Well type: < 18" dia.		
Xcoord:	445796.22		
Ycoord:	4597008.5		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000057876

BD383
West
2 - 3 Miles
Higher

IA WELLS **IAPU10000057879**

Mapid:	237363		
Wellid:	27390	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 32, NW
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 570m.
Depth:	30	C p date:	n.a.
Owner name:	Amoco Corp, Rw-5		
Other info:	Well plugged: nil; Well type: < 18" dia.		
Xcoord:	445791.22		
Ycoord:	4597010.5		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000057879

BD384
WNW
2 - 3 Miles
Higher

IA WELLS **IAPU10000057885**

Mapid:	237356		
Wellid:	27389	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 32, NW
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 570m.
Depth:	30	C p date:	n.a.
Owner name:	Amoco Corp, Rw-4		
Other info:	Well plugged: nil; Well type: < 18" dia.		
Xcoord:	445792.22		
Ycoord:	4597016.5		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000057885

385
NW
2 - 3 Miles
Higher

FED USGS **USGS2594616**

Agency cd:	USGS	Site no:	413228093380601
Site name:	078N24W21CCC 01168		
Latitude:	413228	EDR Site id:	USGS2594616
Longitude:	0933806	Dec lat:	41.54110079
Dec lon:	-93.6352182	Coor meth:	M
Coor accr:	F	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	19
State:	19	County:	153
Country:	US	Land net:	SWSWSWS21 T078N R24W 5
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	930.00		
Altitude method:	Altimeter		
Altitude accuracy:	5		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Lake Red Rock. Iowa. Area = 2400 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	19400425
Date inventoried:	Not Reported	Mean greenwich time offset:	CST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	242	Hole depth:	242
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1940-04-25	Ground water data end date:	1940-04-25
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1940-04-25	100.00	

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

BE386
WNW
2 - 3 Miles
Higher

IA WELLS **IAPU10000059043**

Mapid:	235905		
Wellid:	2104854	Id src fld:	wellnmbr
Datasrc:	PWTS	Location:	T. 78 N., R. 24 W., Sec. 29, NE SW SW SW SW
Well type:	Private well tracking system	Est loc ac:	nom. +/- 25m.
Depth:	15	C p date:	6/10/1990
Owner name:	Unknown		
Other info:	Status: Plugged Use: Monitoring		
Xcoord:	446253.59		
Ycoord:	4598239.3		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000059043

BE387
WNW
2 - 3 Miles
Higher

IA WELLS **IAPU10000059034**

Mapid:	235923		
Wellid:	2104859	Id src fld:	wellnmbr
Datasrc:	PWTS	Location:	T. 78 N., R. 24 W., Sec. 29, NE SW SW SW SW
Well type:	Private well tracking system	Est loc ac:	nom. +/- 25m.
Depth:	15	C p date:	6/10/1990
Owner name:	Unknown		
Other info:	Status: Plugged Use: Monitoring		
Xcoord:	446246.51		
Ycoord:	4598231.2		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000059034

BE388
WNW
2 - 3 Miles
Higher

IA WELLS **IAPW10000022400**

Wellnmbr:	2104859	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	29
Qqqqq:	NE SW SW SW SW	Elev:	0
Elev acc:	Not Reported	Well depth:	15
Br depth:	-99	Wtr depth:	-99
Latn:	41.5339		
Longn:	-93.6444		
Dte done:	06/10/1990	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Not Reported		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	446244.51		

Ycoord:	4598228.23		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000022400

BE389
WNW
2 - 3 Miles
Higher

IA WELLS **IAPW10000022401**

Wellnmbr:	2104859	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	29
Qqqqq:	NE SW SW SW SW	Elev:	0
Elev acc:	Not Reported	Well depth:	15
Br depth:	-99	Wtr depth:	-99
Latn:	41.5339		
Longn:	-93.6444		
Dte done:	06/10/1990	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Not Reported		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	446244.51		
Ycoord:	4598228.23		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000022401

390
NW
2 - 3 Miles
Higher

IA WELLS **IAPU10000059998**

Mapid:	234919		
Wellid:	1168	Id src fld:	wnumber
Datasrc:	GEOU	Location:	T. 78 N., R. 24 W., Sec. 21, SW, SW, SW
Well type:	IGS well database	Est loc ac:	Calc. +/- 140m.
Depth:	242	C p date:	4/25/1940
Owner name:	Newby, James		
Other info:	Bedrock depth 50 ft.		
Xcoord:	447097.12		
Ycoord:	4599117.1		
Hlink:	http://gsbdata.igsb.uiowa.edu/geosam/Scripts/geocard.asp?wnumber=1168		
Disperse:	1	Site id:	IAPU10000059998

BE391
WNW
2 - 3 Miles
Higher

IA WELLS **IAPW10000022409**

Wellnmbr:	2104854	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	29
Qqqqq:	NE SW SW SW SW	Elev:	0
Elev acc:	Not Reported	Well depth:	15
Br depth:	-99	Wtr depth:	-99
Latn:	41.534		
Longn:	-93.6444		
Dte done:	06/10/1990	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Not Reported		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	446244.59		
Ycoord:	4598239.33		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000022409

BE392
WNW
2 - 3 Miles
Higher

IA WELLS **IAPW10000022408**

Wellnmbr:	2104854	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	29
Qqqqq:	NE SW SW SW SW	Elev:	0
Elev acc:	Not Reported	Well depth:	15
Br depth:	-99	Wtr depth:	-99
Latn:	41.534		
Longn:	-93.6444		
Dte done:	06/10/1990	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Not Reported		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	446244.59		
Ycoord:	4598239.33		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000022408

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
BE393 **WNW** **2 - 3 Miles** **Higher**	**IA WELLS**	**IAPW10000022399**

Wellnmbr:	2104851	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	29
Qqqqq:	NE SW SW SW SW	Elev:	0
Elev acc:	Not Reported	Well depth:	14
Br depth:	-99	Wtr depth:	-99
Latn:	41.5339		
Longn:	-93.6445		
Dte done:	06/10/1990	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Not Reported		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	446236.17		
Ycoord:	4598228.29		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000022399

	Database	EDR ID Number
BE394 **WNW** **2 - 3 Miles** **Higher**	**IA WELLS**	**IAPW10000022398**

Wellnmbr:	2104851	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	29
Qqqqq:	NE SW SW SW SW	Elev:	0
Elev acc:	Not Reported	Well depth:	14
Br depth:	-99	Wtr depth:	-99
Latn:	41.5339		
Longn:	-93.6445		
Dte done:	06/10/1990	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Not Reported		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	446236.17		

Ycoord:	4598228.29		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000022398

BE395
WNW
2 - 3 Miles
Higher

IA WELLS **IAPW10000022405**

Wellnmbr:	2104860	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	29
Qqqqq:	NE SW SW SW SW	Elev:	0
Elev acc:	Not Reported	Well depth:	15
Br depth:	-99	Wtr depth:	-99
Latn:	41.534		
Longn:	-93.6445		
Dte done:	06/10/1990	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Not Reported		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	446236.25		
Ycoord:	4598239.39		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000022405

BE396
WNW
2 - 3 Miles
Higher

IA WELLS **IAPW10000022404**

Wellnmbr:	2104860	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	29
Qqqqq:	NE SW SW SW SW	Elev:	0
Elev acc:	Not Reported	Well depth:	15
Br depth:	-99	Wtr depth:	-99
Latn:	41.534		
Longn:	-93.6445		
Dte done:	06/10/1990	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Not Reported		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	446236.25		

Ycoord:	4598239.39		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000022404

BE397
WNW
2 - 3 Miles
Higher

IA WELLS **IAPW10000022395**

Wellnmbr:	2104850	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	29
Qqqqq:	NE SW SW SW SW	Elev:	0
Elev acc:	Not Reported	Well depth:	17
Br depth:	-99	Wtr depth:	-99
Latn:	41.5339		
Longn:	-93.6446		
Dte done:	06/10/1990	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Not Reported		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	446227.82		
Ycoord:	4598228.35		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000022395

BE398
WNW
2 - 3 Miles
Higher

IA WELLS **IAPW10000022394**

Wellnmbr:	2104850	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	29
Qqqqq:	NE SW SW SW SW	Elev:	0
Elev acc:	Not Reported	Well depth:	17
Br depth:	-99	Wtr depth:	-99
Latn:	41.5339		
Longn:	-93.6446		
Dte done:	06/10/1990	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Not Reported		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	446227.82		

Ycoord:	4598228.35		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000022394

BE399
WNW
2 - 3 Miles
Higher

IA WELLS **IAPU10000059042**

Mapid:	235908		
Wellid:	2104850	Id src fld:	wellnmbr
Datasrc:	PWTS	Location:	T. 78 N., R. 24 W., Sec. 29, NE SW SW SW SW
Well type:	Private well tracking system	Est loc ac:	nom. +/- 25m.
Depth:	17	C p date:	6/10/1990
Owner name:	Unknown		
Other info:	Status: Plugged Use: Monitoring		
Xcoord:	446233.82		
Ycoord:	4598238.3		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000059042

BE400
WNW
2 - 3 Miles
Higher

IA WELLS **IAPU10000059036**

Mapid:	235919		
Wellid:	2104851	Id src fld:	wellnmbr
Datasrc:	PWTS	Location:	T. 78 N., R. 24 W., Sec. 29, NE SW SW SW SW
Well type:	Private well tracking system	Est loc ac:	nom. +/- 25m.
Depth:	14	C p date:	6/10/1990
Owner name:	Unknown		
Other info:	Status: Plugged Use: Monitoring		
Xcoord:	446229.17		
Ycoord:	4598233.2		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000059036

BE401
WNW
2 - 3 Miles
Higher

IA WELLS **IAPU10000059014**

Mapid:	235946		
Wellid:	2104853	Id src fld:	wellnmbr
Datasrc:	PWTS	Location:	T. 78 N., R. 24 W., Sec. 29, SE NW NW NW NW
Well type:	Private well tracking system	Est loc ac:	nom. +/- 25m.
Depth:	14	C p date:	6/10/1990
Owner name:	Unknown		
Other info:	Status: Plugged Use: Monitoring		
Xcoord:	446215.98		
Ycoord:	4598213.2		
Hlink:	Not Reported		

Disperse:	1	Site id:	IAPU10000059014

BE402
WNW
2 - 3 Miles
Higher

IA WELLS **IAPW10000022385**

Wellnmbr:	2104853	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	29
Qqqqq:	SE NW NW NW NW	Elev:	0
Elev acc:	Not Reported	Well depth:	14
Br depth:	-99	Wtr depth:	-99
Latn:	41.5337		
Longn:	-93.6448		
Dte done:	06/10/1990	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Not Reported		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	446210.98		
Ycoord:	4598206.27		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000022385

BE403
WNW
2 - 3 Miles
Higher

IA WELLS **IAPW10000022384**

Wellnmbr:	2104853	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	29
Qqqqq:	SE NW NW NW NW	Elev:	0
Elev acc:	Not Reported	Well depth:	14
Br depth:	-99	Wtr depth:	-99
Latn:	41.5337		
Longn:	-93.6448		
Dte done:	06/10/1990	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Not Reported		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	446210.98		

Ycoord:	4598206.27		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000022384

BE404
WNW
2 - 3 Miles
Higher

IA WELLS **IAPU10000059046**

Mapid:	235899		
Wellid:	2104860	Id src fld:	wellnmbr
Datasrc:	PWTS	Location:	T. 78 N., R. 24 W., Sec. 29, NE SW SW SW SW
Well type:	Private well tracking system	Est loc ac:	nom. +/- 25m.
Depth:	15	C p date:	6/10/1990
Owner name:	Unknown		
Other info:	Status: Plugged Use: Monitoring		
Xcoord:	446228.25		
Ycoord:	4598242.3		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000059046

BE405
WNW
2 - 3 Miles
Higher

IA WELLS **IAPW10000022402**

Wellnmbr:	2104862	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	29
Qqqqq:	NE SW SW SW SW	Elev:	0
Elev acc:	Not Reported	Well depth:	15
Br depth:	-99	Wtr depth:	-99
Latn:	41.534		
Longn:	-93.6447		
Dte done:	06/10/1990	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Not Reported		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	446219.57		
Ycoord:	4598239.51		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000022402

BE406
WNW
2 - 3 Miles
Higher

IA WELLS **IAPW10000022403**

Wellnmbr:	2104862	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	29
Qqqqq:	NE SW SW SW SW	Elev:	0
Elev acc:	Not Reported	Well depth:	15
Br depth:	-99	Wtr depth:	-99
Latn:	41.534		
Longn:	-93.6447		
Dte done:	06/10/1990	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Not Reported		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	446219.57		
Ycoord:	4598239.51		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000022403

BE407
WNW
2 - 3 Miles
Higher

IA WELLS **IAPU10000059031**

Mapid:	235929		
Wellid:	55572	Id src fld:	wnumber
Datasrc:	GEOU	Location:	T. 78 N., R. 24 W., Sec. 29
Well type:	IGS well database	Est loc ac:	Calc. +/- 1135m.
Depth:	20	C p date:	1/09/2002
Owner name:	Smitty's Tenderloin		
Other info:	Bedrock depth unkn		
Xcoord:	446210.23		
Ycoord:	4598226.3		
Hlink:	http://gsbdata.igsb.uiowa.edu/geosam/Scripts/geocard.asp?wnumber=55572		
Disperse:	1	Site id:	IAPU10000059031

BE408
WNW
2 - 3 Miles
Higher

IA WELLS **IAPU10000059048**

Mapid:	235898		
Wellid:	2104862	Id src fld:	wellnmbr
Datasrc:	PWTS	Location:	T. 78 N., R. 24 W., Sec. 29, NE SW SW SW SW
Well type:	Private well tracking system	Est loc ac:	nom. +/- 25m.
Depth:	15	C p date:	6/10/1990
Owner name:	Unknown		
Other info:	Status: Plugged Use: Monitoring		
Xcoord:	446219.57		
Ycoord:	4598246.5		
Hlink:	Not Reported		

Disperse:	1	Site id:	IAPU10000059048

BE409
WNW
2 - 3 Miles
Higher

IA WELLS **IAPU10000059049**

Mapid:	235896		
Wellid:	2105111	Id src fld:	wellnmbr
Datasrc:	PWTS	Location:	T. 78 N., R. 24 W., Sec. 29, NE SW SW SW SW
Well type:	Private well tracking system	Est loc ac:	nom. +/- 25m.
Depth:	9	C p date:	6/10/1999
Owner name:	Unknown		
Other info:	Status: Plugged Use: Monitoring		
Xcoord:	446219.22		
Ycoord:	4598248.5		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000059049

BE410
WNW
2 - 3 Miles
Higher

IA WELLS **IAPW10000022410**

Wellnmbr:	2105111	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	29
Qqqqq:	NE SW SW SW SW	Elev:	0
Elev acc:	Not Reported	Well depth:	9
Br depth:	-99	Wtr depth:	-99
Latn:	41.534		
Longn:	-93.6448		
Dte done:	06/10/1999	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Not Reported		
Cnstr mthd:	Unknown		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	446211.22		
Ycoord:	4598239.58		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000022410

BE411
WNW
2 - 3 Miles
Higher

IA WELLS **IAPW10000022411**

Wellnmbr:	2105111	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	29
Qqqqq:	NE SW SW SW SW	Elev:	0
Elev acc:	Not Reported	Well depth:	9
Br depth:	-99	Wtr depth:	-99
Latn:	41.534		
Longn:	-93.6448		
Dte done:	06/10/1999	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Not Reported		
Cnstr mthd:	Unknown		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	446211.22		
Ycoord:	4598239.58		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000022411

BF412
North
2 - 3 Miles
Higher

IA WELLS **IAPU10000060579**

Mapid:	234201		
Wellid:	2103953	Id src fld:	wellnmbr
Datasrc:	PWTS	Location:	T. 78 N., R. 24 W., Sec. 22, NE SW SW SW SW
Well type:	Private well tracking system	Est loc ac:	nom. +/- 25m.
Depth:	14	C p date:	6/10/2000
Owner name:	Unknown		
Other info:	Status: Plugged Use: Monitoring		
Xcoord:	449472.31		
Ycoord:	4599783.5		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000060579

BF413
North
2 - 3 Miles
Higher

IA WELLS **IAPU10000060588**

Mapid:	234197		
Wellid:	2103955	Id src fld:	wellnmbr
Datasrc:	PWTS	Location:	T. 78 N., R. 24 W., Sec. 22, NE SW SW SW SW
Well type:	Private well tracking system	Est loc ac:	nom. +/- 25m.
Depth:	13	C p date:	6/10/2000
Owner name:	Unknown		
Other info:	Status: Plugged Use: Monitoring		
Xcoord:	449447.63		
Ycoord:	4599787.7		
Hlink:	Not Reported		

Disperse:	1	Site id:	IAPU10000060588

BE414
WNW
2 - 3 Miles
Higher

IA WELLS **IAPW10000022377**

Wellnmbr:	2104857	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	29
Qqqqq:	SW NE NE NE NE	Elev:	0
Elev acc:	Not Reported	Well depth:	15
Br depth:	-99	Wtr depth:	-99
Latn:	41.5335		
Longn:	-93.6454		
Dte done:	06/10/1990	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Not Reported		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	446160.76		
Ycoord:	4598184.44		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000022377

BE415
WNW
2 - 3 Miles
Higher

IA WELLS **IAPW10000022376**

Wellnmbr:	2104857	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	29
Qqqqq:	SW NE NE NE NE	Elev:	0
Elev acc:	Not Reported	Well depth:	15
Br depth:	-99	Wtr depth:	-99
Latn:	41.5335		
Longn:	-93.6454		
Dte done:	06/10/1990	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Not Reported		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	446160.76		

Ycoord:	4598184.44		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000022376

BF416
North
2 - 3 Miles
Higher

IA WELLS **IAPW10000022974**

Wellnmbr:	2103955	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	22
Qqqqq:	NE SW SW SW SW	Elev:	0
Elev acc:	Not Reported	Well depth:	13
Br depth:	-99	Wtr depth:	-99
Latn:	41.5482		
Longn:	-93.6061		
Dte done:	06/10/2000	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Not Reported		
Cnstr mthd:	Unknown		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	449450.63		
Ycoord:	4599792.7		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000022974

BF417
North
2 - 3 Miles
Higher

IA WELLS **IAPW10000022973**

Wellnmbr:	2103955	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	22
Qqqqq:	NE SW SW SW SW	Elev:	0
Elev acc:	Not Reported	Well depth:	13
Br depth:	-99	Wtr depth:	-99
Latn:	41.5482		
Longn:	-93.6061		
Dte done:	06/10/2000	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Not Reported		
Cnstr mthd:	Unknown		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	449450.63		

Ycoord:	4599792.7		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000022973

BF418
North
2 - 3 Miles
Higher

IA WELLS **IAPW10000022984**

Wellnmbr:	2103953	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	22
Qqqqq:	NE SW SW SW SW	Elev:	0
Elev acc:	Not Reported	Well depth:	14
Br depth:	-99	Wtr depth:	-99
Latn:	41.5482		
Longn:	-93.6059		
Dte done:	06/10/2000	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Not Reported		
Cnstr mthd:	Unknown		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	449467.31		
Ycoord:	4599792.59		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000022984

BF419
North
2 - 3 Miles
Higher

IA WELLS **IAPW10000022983**

Wellnmbr:	2103953	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	22
Qqqqq:	NE SW SW SW SW	Elev:	0
Elev acc:	Not Reported	Well depth:	14
Br depth:	-99	Wtr depth:	-99
Latn:	41.5482		
Longn:	-93.6059		
Dte done:	06/10/2000	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Not Reported		
Cnstr mthd:	Unknown		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	449467.31		

Ycoord:	4599792.59		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000022983

BE420
WNW
2 - 3 Miles
Higher

IA WELLS **IAPU10000058980**

Mapid:	235977		
Wellid:	2104857	Id src fld:	wellnmbr
Datasrc:	PWTS	Location:	T. 78 N., R. 24 W., Sec. 29, SW NE NE NE NE
Well type:	Private well tracking system	Est loc ac:	nom. +/- 25m.
Depth:	15	C p date:	6/10/1990
Owner name:	Unknown		
Other info:	Status: Plugged Use: Monitoring		
Xcoord:	446152.76		
Ycoord:	4598186.4		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000058980

BF421
North
2 - 3 Miles
Higher

IA WELLS **IAPW10000022985**

Wellnmbr:	2103952	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	22
Qqqqq:	NE SW SW SW SW	Elev:	0
Elev acc:	Not Reported	Well depth:	15
Br depth:	-99	Wtr depth:	-99
Latn:	41.5483		
Longn:	-93.6061		
Dte done:	06/10/2000	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Not Reported		
Cnstr mthd:	Unknown		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	449450.7		
Ycoord:	4599803.8		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000022985

BF422
North
2 - 3 Miles
Higher

IA WELLS **IAPW10000022986**

Wellnmbr:	2103952	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	22
Qqqqq:	NE SW SW SW SW	Elev:	0
Elev acc:	Not Reported	Well depth:	15
Br depth:	-99	Wtr depth:	-99
Latn:	41.5483		
Longn:	-93.6061		
Dte done:	06/10/2000	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Not Reported		
Cnstr mthd:	Unknown		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	449450.7		
Ycoord:	4599803.8		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000022986

BF423
North
2 - 3 Miles
Higher

IA WELLS **IAPU10000060610**

Mapid:	234181		
Wellid:	2103952	Id src fld:	wellnmbr
Datasrc:	PWTS	Location:	T. 78 N., R. 24 W., Sec. 22, NE SW SW SW SW
Well type:	Private well tracking system	Est loc ac:	nom. +/- 25m.
Depth:	15	C p date:	6/10/2000
Owner name:	Unknown		
Other info:	Status: Plugged Use: Monitoring		
Xcoord:	449453.7		
Ycoord:	4599805.8		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000060610

BE424
WNW
2 - 3 Miles
Higher

IA WELLS **IAPU10000059040**

Mapid:	235911		
Wellid:	2104858	Id src fld:	wellnmbr
Datasrc:	PWTS	Location:	T. 78 N., R. 24 W., Sec. 29, NW SE SE SE SE
Well type:	Private well tracking system	Est loc ac:	nom. +/- 25m.
Depth:	13	C p date:	6/10/1990
Owner name:	Unknown		
Other info:	Status: Plugged Use: Monitoring		
Xcoord:	446171.09		
Ycoord:	4598237.8		
Hlink:	Not Reported		

Disperse:	1	Site id:	IAPU10000059040

BG425
ENE
2 - 3 Miles
Higher

IA WELLS **IAPW10000021883**

Wellnmbr:	2082560	Pmtnmbr:	12093
Twp:	78	Rge:	24
Ew:	W	Sec:	36
Qqqqq:	NW NE SE NE SW	Elev:	0
Elev acc:	Not Reported	Well depth:	180
Br depth:	15	Wtr depth:	180
Latn:	41.5235		
Longn:	-93.569		
Dte done:	09/28/2002	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Smith, Eric		
Cnstr mthd:	Rotary		
Fm rmk:	Not Reported		
Well use:	Heat pump	Status:	Active
Ht pmp no:	5	Permit:	X
Plugging:	Not Reported	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	452526.76		
Ycoord:	4597029.45		
Has litho:	1	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000021883

BG426
ENE
2 - 3 Miles
Higher

IA WELLS **IAPW10000021884**

Wellnmbr:	2082560	Pmtnmbr:	12093
Twp:	78	Rge:	24
Ew:	W	Sec:	36
Qqqqq:	NW NE SE NE SW	Elev:	0
Elev acc:	Not Reported	Well depth:	180
Br depth:	15	Wtr depth:	180
Latn:	41.5235		
Longn:	-93.569		
Dte done:	09/28/2002	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Smith, Eric		
Cnstr mthd:	Rotary		
Fm rmk:	Not Reported		
Well use:	Heat pump	Status:	Active
Ht pmp no:	5	Permit:	X
Plugging:	Not Reported	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	452526.76		

Ycoord:	4597029.45		
Has litho:	1	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000021884

BE427
WNW
2 - 3 Miles
Higher

IA WELLS **IAPW10000022396**

Wellnmbr:	2104858	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	29
Qqqqq:	NW SE SE SE SE	Elev:	0
Elev acc:	Not Reported	Well depth:	13
Br depth:	-99	Wtr depth:	-99
Latn:	41.5339		
Longn:	-93.6454		
Dte done:	06/10/1990	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Not Reported		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	446161.09		
Ycoord:	4598228.85		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000022396

BE428
WNW
2 - 3 Miles
Higher

IA WELLS **IAPW10000022397**

Wellnmbr:	2104858	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	29
Qqqqq:	NW SE SE SE SE	Elev:	0
Elev acc:	Not Reported	Well depth:	13
Br depth:	-99	Wtr depth:	-99
Latn:	41.5339		
Longn:	-93.6454		
Dte done:	06/10/1990	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Not Reported		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	446161.09		

Ycoord:	4598228.85		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000022397

BG429
ENE
2 - 3 Miles
Higher

IA WELLS **IAPU10000057951**

Mapid:	237347		
Wellid:	2082560	Id src fld:	wellnmbr
Datasrc:	PWTS	Location:	T. 78 N., R. 24 W., Sec. 36, NW NE SE NE SW
Well type:	Private well tracking system	Est loc ac:	nom. +/- 25m.
Depth:	180	C p date:	9/28/2002
Owner name:	Smith, Eric		
Other info:	Status: Active Use: Heat pump , Bedrock depth: 15		
Xcoord:	452530.76		
Ycoord:	4597028.4		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000057951

BF430
North
2 - 3 Miles
Higher

IA WELLS **IAPU10000060627**

Mapid:	234167		
Wellid:	2103950	Id src fld:	wellnmbr
Datasrc:	PWTS	Location:	T. 78 N., R. 24 W., Sec. 22, NE SW SW SW NW
Well type:	Private well tracking system	Est loc ac:	nom. +/- 25m.
Depth:	14	C p date:	6/10/2000
Owner name:	Unknown		
Other info:	Status: Plugged Use: Monitoring		
Xcoord:	449451.2		
Ycoord:	4599821.9		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000060627

BF431
North
2 - 3 Miles
Higher

IA WELLS **IAPW10000023012**

Wellnmbr:	2103950	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	22
Qqqqq:	NE SW SW SW NW	Elev:	0
Elev acc:	Not Reported	Well depth:	14
Br depth:	-99	Wtr depth:	-99
Latn:	41.5485		
Longn:	-93.606		
Dte done:	06/10/2000	Cty num:	0
County:	Polk		

Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Not Reported		
Cnstr mthd:	Unknown		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	449459.2		
Ycoord:	4599825.95		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000023012

BF432
North
2 - 3 Miles
Higher

IA WELLS **IAPW10000023011**

Wellnmbr:	2103950	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	22
Qqqqq:	NE SW SW SW NW	Elev:	0
Elev acc:	Not Reported	Well depth:	14
Br depth:	-99	Wtr depth:	-99
Latn:	41.5485		
Longn:	-93.606		
Dte done:	06/10/2000	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Not Reported		
Cnstr mthd:	Unknown		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	449459.2		
Ycoord:	4599825.95		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000023011

BH433
ENE
2 - 3 Miles
Higher

IA WELLS **IAPU10000058735**

Mapid:	236391		
Wellid:	2122244	Id src fld:	wellnmbr
Datasrc:	PWTS	Location:	T. 78 N., R. 24 W., Sec. 25, SW NE SW NW SW
Well type:	Private well tracking system	Est loc ac:	nom. +/- 25m.
Depth:	unkn	C p date:	unkn
Owner name:	Felice, Thomas		
Other info:	Status: Permitted Use: Heat pump		
Xcoord:	452270.56		
Ycoord:	4597850.7		
Hlink:	Not Reported		

Disperse:	1	Site id:	IAPU10000058735

BH434
ENE
2 - 3 Miles
Higher

IA WELLS **IAPW10000022249**

Wellnmbr:	2122244	Pmtnmbr:	23975
Twp:	78	Rge:	24
Ew:	W	Sec:	25
Qqqqq:	SW NE SW NW SW	Elev:	0
Elev acc:	Not Reported	Well depth:	200
Br depth:	-99	Wtr depth:	-99
Latn:	41.5309		
Longn:	-93.5721		
Dte done:	09/26/2006	Cty num:	0
County:	Polk		
Drlr name:	Coons, Raymond		
Drlr cmpy:	J & R Drilling Services Inc.		
Owner name:	Felice, Thomas		
Cnstr mthd:	Rotary		
Fm rmk:	Not Reported		
Well use:	Heat pump	Status:	Active
Ht pmp no:	3	Permit:	X
Plugging:	Not Reported	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	452273.56		
Ycoord:	4597852.71		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000022249

BH435
ENE
2 - 3 Miles
Higher

IA WELLS **IAPW10000022248**

Wellnmbr:	2122244	Pmtnmbr:	23975
Twp:	78	Rge:	24
Ew:	W	Sec:	25
Qqqqq:	SW NE SW NW SW	Elev:	0
Elev acc:	Not Reported	Well depth:	0
Br depth:	-99	Wtr depth:	-99
Latn:	41.5309		
Longn:	-93.5721		
Dte done:	05/16/2006	Cty num:	0
County:	Polk		
Drlr name:	Not Reported		
Drlr cmpy:	Not Reported		
Owner name:	Felice, Thomas		
Cnstr mthd:	Not Reported		
Fm rmk:	Not Reported		
Well use:	Heat pump	Status:	Permitted
Ht pmp no:	3	Permit:	X
Plugging:	Not Reported	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	452273.56		

Ycoord:	4597852.71		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000022248

BI436
North
2 - 3 Miles
Higher

IA WELLS **IAPW10000022997**

Wellnmbr:	2103956	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	22
Qqqqq:	NW SW SW SW SW	Elev:	0
Elev acc:	Not Reported	Well depth:	14
Br depth:	-99	Wtr depth:	-99
Latn:	41.5484		
Longn:	-93.6157		
Dte done:	06/10/2000	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Not Reported		
Cnstr mthd:	Unknown		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	448650.13		
Ycoord:	4599820.57		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000022997

BI437
North
2 - 3 Miles
Higher

IA WELLS **IAPW10000022998**

Wellnmbr:	2103956	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	22
Qqqqq:	NW SW SW SW SW	Elev:	0
Elev acc:	Not Reported	Well depth:	14
Br depth:	-99	Wtr depth:	-99
Latn:	41.5484		
Longn:	-93.6157		
Dte done:	06/10/2000	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Not Reported		
Cnstr mthd:	Unknown		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	448650.13		

Ycoord:	4599820.57		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000022998

BI438
North
2 - 3 Miles
Higher

IA WELLS **IAPU10000060630**

Mapid:	234160		
Wellid:	2103956	Id src fld:	wellnmbr
Datasrc:	PWTS	Location:	T. 78 N., R. 24 W., Sec. 22, NW SW SW SW SW
Well type:	Private well tracking system	Est loc ac:	nom. +/- 25m.
Depth:	14	C p date:	6/10/2000
Owner name:	Unknown		
Other info:	Status: Plugged Use: Monitoring		
Xcoord:	448648.13		
Ycoord:	4599829.5		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000060630

BI439
North
2 - 3 Miles
Higher

IA WELLS **IAPW10000023016**

Wellnmbr:	2078150	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	21
Qqqqq:	NE SE SE SE SE	Elev:	0
Elev acc:	Not Reported	Well depth:	8
Br depth:	-99	Wtr depth:	-99
Latn:	41.5485		
Longn:	-93.6167		
Dte done:	01/01/1990	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	unknown		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	448566.81		
Ycoord:	4599832.27		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000023016

BI440
North
2 - 3 Miles
Higher

IA WELLS **IAPW10000023015**

Wellnmbr:	2078150	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	21
Qqqqq:	NE SE SE SE SE	Elev:	0
Elev acc:	Not Reported	Well depth:	8
Br depth:	-99	Wtr depth:	-99
Latn:	41.5485		
Longn:	-93.6167		
Dte done:	01/01/1990	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	unknown		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	448566.81		
Ycoord:	4599832.27		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000023015

BI441
North
2 - 3 Miles
Higher

IA WELLS **IAPU10000060634**

Mapid:	234157		
Wellid:	2078150	Id src fld:	wellnmbr
Datasrc:	PWTS	Location:	T. 78 N., R. 24 W., Sec. 21, NE SE SE SE SE
Well type:	Private well tracking system	Est loc ac:	nom. +/- 25m.
Depth:	8	C p date:	1/01/1990
Owner name:	Unknown		
Other info:	Status: Plugged Use: Monitoring		
Xcoord:	448559.81		
Ycoord:	4599832.2		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000060634

BJ442
NW
2 - 3 Miles
Higher

IA WELLS **IAPU10000059210**

Mapid:	235737		
Wellid:	2105063	Id src fld:	wellnmbr
Datasrc:	PWTS	Location:	T. 78 N., R. 24 W., Sec. 29, NE SW NW SW SW
Well type:	Private well tracking system	Est loc ac:	nom. +/- 25m.
Depth:	18	C p date:	6/10/1994
Owner name:	Unknown		
Other info:	Status: Plugged Use: Monitoring		
Xcoord:	446234.23		
Ycoord:	4598419		
Hlink:	Not Reported		

Disperse:	1	Site id:	IAPU10000059210

BJ443
NW
2 - 3 Miles
Higher

IA WELLS **IAPW10000022485**

Wellnmbr:	2105063	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	29
Qqqqq:	NE SW NW SW SW	Elev:	0
Elev acc:	Not Reported	Well depth:	18
Br depth:	-99	Wtr depth:	-99
Latn:	41.5356		
Longn:	-93.6446		
Dte done:	06/10/1994	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Not Reported		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	446229.23		
Ycoord:	4598417.09		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000022485

BJ444
NW
2 - 3 Miles
Higher

IA WELLS **IAPW10000022486**

Wellnmbr:	2105063	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	29
Qqqqq:	NE SW NW SW SW	Elev:	0
Elev acc:	Not Reported	Well depth:	18
Br depth:	-99	Wtr depth:	-99
Latn:	41.5356		
Longn:	-93.6446		
Dte done:	06/10/1994	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Not Reported		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	446229.23		

Ycoord:	4598417.09		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000022486

BK445
ESE
2 - 3 Miles
Higher

IA WELLS **IAPU10000055847**

Mapid:	239490		
Wellid:	28094	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 77 N., R. 24 W., Sec. 1, NW, SE, NE
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 140m.
Depth:	26	C p date:	n.a.
Owner name:	State Of Iowa		
Other info:	Well plugged: 4/24/1997; Well type: > 18" dia.		
Xcoord:	452513.06		
Ycoord:	4595205.5		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000055847

BJ446
NW
2 - 3 Miles
Higher

IA WELLS **IAPU10000059240**

Mapid:	235693		
Wellid:	2105064	Id src fld:	wellnmbr
Datasrc:	PWTS	Location:	T. 78 N., R. 24 W., Sec. 29, NE SW NW SW NW
Well type:	Private well tracking system	Est loc ac:	nom. +/- 25m.
Depth:	15	C p date:	7/10/1994
Owner name:	Unknown		
Other info:	Status: Plugged Use: Monitoring		
Xcoord:	446213.7		
Ycoord:	4598477.8		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000059240

BK447
ESE
2 - 3 Miles
Higher

IA WELLS **IAPU10000055836**

Mapid:	239506		
Wellid:	27873	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 77 N., R. 24 W., Sec. 1, NW, SE, NE
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 140m.
Depth:	26	C p date:	n.a.
Owner name:	Ia Dept Of Transportation		
Other info:	Well plugged: 4/24/1997; Well type: < 18" dia.		
Xcoord:	452520.06		
Ycoord:	4595197.5		
Hlink:	Not Reported		

Disperse:	1	Site id:	IAPU10000055836

BJ448
NW
2 - 3 Miles
Higher

IA WELLS **IAPU10000059285**

Mapid:	235659		
Wellid:	2105115	Id src fld:	wellnmbr
Datasrc:	PWTS	Location:	T. 78 N., R. 24 W., Sec. 29, NE SW NW SW NW
Well type:	Private well tracking system	Est loc ac:	nom. +/- 25m.
Depth:	5	C p date:	6/10/1990
Owner name:	Unknown		
Other info:	Status: Plugged Use: Monitoring		
Xcoord:	446226.55		
Ycoord:	4598504.9		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000059285

BJ449
NW
2 - 3 Miles
Higher

IA WELLS **IAPU10000059241**

Mapid:	235692		
Wellid:	2105113	Id src fld:	wellnmbr
Datasrc:	PWTS	Location:	T. 78 N., R. 24 W., Sec. 29, NE SW NW SW NW
Well type:	Private well tracking system	Est loc ac:	nom. +/- 25m.
Depth:	6	C p date:	6/10/1990
Owner name:	Unknown		
Other info:	Status: Plugged Use: Monitoring		
Xcoord:	446204.7		
Ycoord:	4598478.8		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000059241

BJ450
NW
2 - 3 Miles
Higher

IA WELLS **IAPW10000022524**

Wellnmbr:	2105115	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	29
Qqqqq:	NE SW NW SW NW	Elev:	0
Elev acc:	Not Reported	Well depth:	5
Br depth:	-99	Wtr depth:	-99
Latn:	41.5364		
Longn:	-93.6447		
Dte done:	06/10/1990	Cty num:	0
County:	Polk		

Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Not Reported		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	446221.55		
Ycoord:	4598505.96		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000022524

BJ451
NW
2 - 3 Miles
Higher

IA WELLS **IAPW10000022523**

Wellnmbr:	2105115	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	29
Qqqqq:	NE SW NW SW NW	Elev:	0
Elev acc:	Not Reported	Well depth:	5
Br depth:	-99	Wtr depth:	-99
Latn:	41.5364		
Longn:	-93.6447		
Dte done:	06/10/1990	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Not Reported		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	446221.55		
Ycoord:	4598505.96		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000022523

BJ452
NW
2 - 3 Miles
Higher

IA WELLS **IAPU10000059239**

Mapid:	235695		
Wellid:	2105060	Id src fld:	wellnmbr
Datasrc:	PWTS	Location:	T. 78 N., R. 24 W., Sec. 29, NE SW NW SW NW
Well type:	Private well tracking system	Est loc ac:	nom. +/- 25m.
Depth:	15	C p date:	6/10/1994
Owner name:	Unknown		
Other info:	Status: Plugged Use: Monitoring		
Xcoord:	446199.7		
Ycoord:	4598476.8		
Hlink:	Not Reported		

Disperse:	1	Site id:	IAPU10000059239

BJ453
NW
2 - 3 Miles
Higher

IA WELLS **IAPW10000022507**

Wellnmbr:	2105113	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	29
Qqqqq:	NE SW NW SW NW	Elev:	0
Elev acc:	Not Reported	Well depth:	6
Br depth:	-99	Wtr depth:	-99
Latn:	41.5362		
Longn:	-93.6449		
Dte done:	06/10/1990	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Not Reported		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	446204.7		
Ycoord:	4598483.88		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000022507

BJ454
NW
2 - 3 Miles
Higher

IA WELLS **IAPW10000022506**

Wellnmbr:	2105064	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	29
Qqqqq:	NE SW NW SW NW	Elev:	0
Elev acc:	Not Reported	Well depth:	15
Br depth:	-99	Wtr depth:	-99
Latn:	41.5362		
Longn:	-93.6449		
Dte done:	07/10/1994	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Not Reported		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	446204.7		

Ycoord:	4598483.88		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000022506

BJ455
NW
2 - 3 Miles
Higher

IA WELLS **IAPW10000022505**

Wellnmbr:	2105060	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	29
Qqqqq:	NE SW NW SW NW	Elev:	0
Elev acc:	Not Reported	Well depth:	15
Br depth:	-99	Wtr depth:	-99
Latn:	41.5362		
Longn:	-93.6449		
Dte done:	06/10/1994	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Not Reported		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	446204.7		
Ycoord:	4598483.88		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000022505

BJ456
NW
2 - 3 Miles
Higher

IA WELLS **IAPW10000022510**

Wellnmbr:	2105113	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	29
Qqqqq:	NE SW NW SW NW	Elev:	0
Elev acc:	Not Reported	Well depth:	6
Br depth:	-99	Wtr depth:	-99
Latn:	41.5362		
Longn:	-93.6449		
Dte done:	06/10/1990	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Not Reported		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	446204.7		

Ycoord:	4598483.88		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000022510

BJ457
NW
2 - 3 Miles
Higher

IA WELLS **IAPW10000022509**

Wellnmbr:	2105064	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	29
Qqqqq:	NE SW NW SW NW	Elev:	0
Elev acc:	Not Reported	Well depth:	15
Br depth:	-99	Wtr depth:	-99
Latn:	41.5362		
Longn:	-93.6449		
Dte done:	07/10/1994	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Not Reported		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	446204.7		
Ycoord:	4598483.88		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000022509

BJ458
NW
2 - 3 Miles
Higher

IA WELLS **IAPW10000022508**

Wellnmbr:	2105060	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	29
Qqqqq:	NE SW NW SW NW	Elev:	0
Elev acc:	Not Reported	Well depth:	15
Br depth:	-99	Wtr depth:	-99
Latn:	41.5362		
Longn:	-93.6449		
Dte done:	06/10/1994	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Not Reported		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	446204.7		

Ycoord:	4598483.88		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000022508

459
North
2 - 3 Miles
Higher

IA WELLS **IAPU10000060695**

Mapid:	234103		
Wellid:	13645	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 21, NE, SE, SE
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 140m.
Depth:	unkn	C p date:	n.a.
Owner name:	Git-n-go, Git-n-go		
Other info:	Well plugged: 10/18/1991; Well type: < 18" dia.		
Xcoord:	448518.25		
Ycoord:	4599896.5		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000060695

BJ460
NW
2 - 3 Miles
Higher

IA WELLS **IAPU10000059263**

Mapid:	235674		
Wellid:	2105114	Id src fld:	wellnmbr
Datasrc:	PWTS	Location:	T. 78 N., R. 24 W., Sec. 29, NE SW NW SW NW
Well type:	Private well tracking system	Est loc ac:	nom. +/- 25m.
Depth:	6	C p date:	6/10/1990
Owner name:	Unknown		
Other info:	Status: Plugged Use: Monitoring		
Xcoord:	446206.79		
Ycoord:	4598496.9		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000059263

BJ461
NW
2 - 3 Miles
Higher

IA WELLS **IAPW10000022521**

Wellnmbr:	2105114	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	29
Qqqqq:	NE SW NW SW NW	Elev:	0
Elev acc:	Not Reported	Well depth:	6
Br depth:	-99	Wtr depth:	-99
Latn:	41.5363		
Longn:	-93.6449		
Dte done:	06/10/1990	Cty num:	0
County:	Polk		

Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Not Reported		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	446204.79		
Ycoord:	4598494.99		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000022521

BJ462
NW
2 - 3 Miles
Higher

IA WELLS **IAPW10000022522**

Wellnmbr:	2105114	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	29
Qqqqq:	NE SW NW SW NW	Elev:	0
Elev acc:	Not Reported	Well depth:	6
Br depth:	-99	Wtr depth:	-99
Latn:	41.5363		
Longn:	-93.6449		
Dte done:	06/10/1990	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Not Reported		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	446204.79		
Ycoord:	4598494.99		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000022522

BJ463
NW
2 - 3 Miles
Higher

IA WELLS **IAPW10000022527**

Wellnmbr:	2105072	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	29
Qqqqq:	NE SW NW SW NW	Elev:	0
Elev acc:	Not Reported	Well depth:	18
Br depth:	-99	Wtr depth:	-99
Latn:	41.5364		
Longn:	-93.6449		
Dte done:	06/10/1994	Cty num:	0
County:	Polk		

Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Not Reported		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	446204.87		
Ycoord:	4598506.09		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000022527

BJ464
NW
2 - 3 Miles
Higher

IA WELLS **IAPW10000022528**

Wellnmbr:	2105072	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	29
Qqqqq:	NE SW NW SW NW	Elev:	0
Elev acc:	Not Reported	Well depth:	18
Br depth:	-99	Wtr depth:	-99
Latn:	41.5364		
Longn:	-93.6449		
Dte done:	06/10/1994	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Not Reported		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	446204.87		
Ycoord:	4598506.09		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000022528

BJ465
NW
2 - 3 Miles
Higher

IA WELLS **IAPW10000022516**

Wellnmbr:	2105112	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	29
Qqqqq:	NW SE NE SE NE	Elev:	0
Elev acc:	Not Reported	Well depth:	4
Br depth:	-99	Wtr depth:	-99
Latn:	41.5363		
Longn:	-93.645		
Dte done:	06/10/1990	Cty num:	0
County:	Polk		

Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Not Reported		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	446196.45		
Ycoord:	4598495.05		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000022516

BJ466
NW
2 - 3 Miles
Higher

IA WELLS **IAPW10000022515**

Wellnmbr:	2105112	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	29
Qqqqq:	NW SE NE SE NE	Elev:	0
Elev acc:	Not Reported	Well depth:	4
Br depth:	-99	Wtr depth:	-99
Latn:	41.5363		
Longn:	-93.645		
Dte done:	06/10/1990	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Not Reported		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	446196.45		
Ycoord:	4598495.05		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000022515

BJ467
NW
2 - 3 Miles
Higher

IA WELLS **IAPU10000059270**

Mapid:	235670		
Wellid:	2105072	Id src fld:	wellnmbr
Datasrc:	PWTS	Location:	T. 78 N., R. 24 W., Sec. 29, NE SW NW SW NW
Well type:	Private well tracking system	Est loc ac:	nom. +/- 25m.
Depth:	18	C p date:	6/10/1994
Owner name:	Unknown		
Other info:	Status: Plugged Use: Monitoring		
Xcoord:	446195.87		
Ycoord:	4598500		
Hlink:	Not Reported		

Disperse:	1	Site id:	IAPU10000059270

BJ468
NW
2 - 3 Miles
Higher

IA WELLS **IAPU10000059283**

Mapid:	235658		
Wellid:	2105112	Id src fld:	wellnmbr
Datasrc:	PWTS	Location:	T. 78 N., R. 24 W., Sec. 29, NW SE NE SE NE
Well type:	Private well tracking system	Est loc ac:	nom. +/- 25m.
Depth:	4	C p date:	6/10/1990
Owner name:	Unknown		
Other info:	Status: Plugged Use: Monitoring		
Xcoord:	446197.45		
Ycoord:	4598505		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000059283

BL469
WNW
2 - 3 Miles
Higher

IA WELLS **IAPU10000058287**

Mapid:	237000		
Wellid:	2076183	Id src fld:	wellnmbr
Datasrc:	PWTS	Location:	T. 78 N., R. 24 W., Sec. 32, NW NW NW NE NE
Well type:	Private well tracking system	Est loc ac:	nom. +/- 25m.
Depth:	20	C p date:	1/08/2002
Owner name:	Smith, Gregory W.		
Other info:	Status: Active Use: Monitoring		
Xcoord:	445589.12		
Ycoord:	4597387.4		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000058287

470
NNE
2 - 3 Miles
Higher

IA WELLS **IAPU10000060665**

Mapid:	234126		
Wellid:	16540	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 22, NE, SE, SE
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 140m.
Depth:	unkn	C p date:	n.a.
Owner name:	R.e. Blattert & Associate, Inc.		
Other info:	Well plugged: 6/13/1994; Well type: < 18" dia.		
Xcoord:	450129.66		
Ycoord:	4599860.5		
Hlink:	Not Reported		

Disperse:	1	Site id:	IAPU10000060665

BL471
WNW
2 - 3 Miles
Higher

IA WELLS **IAPW10000022005**

Wellnmbr:	2076184	Pmtnmbr:	10553
Twp:	78	Rge:	24
Ew:	W	Sec:	32
Qqqqq:	NW NW NW NE NE	Elev:	0
Elev acc:	Not Reported	Well depth:	20
Br depth:	-99	Wtr depth:	7
Latn:	41.5263		
Longn:	-93.6523		
Dte done:	01/08/2002	Cty num:	0
County:	Polk		
Drlr name:	Thein, Robert		
Drlr cmpy:	* Unknown		
Owner name:	Smith, Gregory W.		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Active
Ht pmp no:	0	Permit:	X
Plugging:	Not Reported	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	445579.12		
Ycoord:	4597389.41		
Has litho:	1	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000022005

BL472
WNW
2 - 3 Miles
Higher

IA WELLS **IAPW10000022007**

Wellnmbr:	2076184	Pmtnmbr:	10553
Twp:	78	Rge:	24
Ew:	W	Sec:	32
Qqqqq:	NW NW NW NE NE	Elev:	0
Elev acc:	Not Reported	Well depth:	20
Br depth:	-99	Wtr depth:	7
Latn:	41.5263		
Longn:	-93.6523		
Dte done:	01/08/2002	Cty num:	0
County:	Polk		
Drlr name:	Thein, Robert		
Drlr cmpy:	* Unknown		
Owner name:	Smith, Gregory W.		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Active
Ht pmp no:	0	Permit:	X
Plugging:	Not Reported	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	445579.12		

Ycoord:	4597389.41		
Has litho:	1	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000022007

BL473
WNW
2 - 3 Miles
Higher

IA WELLS **IAPW10000022004**

Wellnmbr:	2076183	Pmtnmbr:	10553
Twp:	78	Rge:	24
Ew:	W	Sec:	32
Qqqqq:	NW NW NW NE NE	Elev:	0
Elev acc:	Not Reported	Well depth:	20
Br depth:	-99	Wtr depth:	11
Latn:	41.5263		
Longn:	-93.6523		
Dte done:	01/08/2002	Cty num:	0
County:	Polk		
Drlr name:	Thein, Robert		
Drlr cmpy:	* Unknown		
Owner name:	Smith, Gregory W.		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Active
Ht pmp no:	0	Permit:	X
Plugging:	Not Reported	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	445579.12		
Ycoord:	4597389.41		
Has litho:	1	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000022004

BL474
WNW
2 - 3 Miles
Higher

IA WELLS **IAPW10000022006**

Wellnmbr:	2076183	Pmtnmbr:	10553
Twp:	78	Rge:	24
Ew:	W	Sec:	32
Qqqqq:	NW NW NW NE NE	Elev:	0
Elev acc:	Not Reported	Well depth:	20
Br depth:	-99	Wtr depth:	11
Latn:	41.5263		
Longn:	-93.6523		
Dte done:	01/08/2002	Cty num:	0
County:	Polk		
Drlr name:	Thein, Robert		
Drlr cmpy:	* Unknown		
Owner name:	Smith, Gregory W.		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Active
Ht pmp no:	0	Permit:	X
Plugging:	Not Reported	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	445579.12		

Ycoord:	4597389.41		
Has litho:	1	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000022006

BL475
WNW
2 - 3 Miles
Higher

IA WELLS **IAPU10000058294**

Mapid:	236987		
Wellid:	2076184	Id src fld:	wellnmbr
Datasrc:	PWTS	Location:	T. 78 N., R. 24 W., Sec. 32, NW NW NW NE NE
Well type:	Private well tracking system	Est loc ac:	nom. +/- 25m.
Depth:	20	C p date:	1/08/2002
Owner name:	Smith, Gregory W.		
Other info:	Status: Active Use: Monitoring		
Xcoord:	445577.12		
Ycoord:	4597393.4		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000058294

476
ESE
2 - 3 Miles
Lower

IA WELLS **IAPU10000055370**

Mapid:	240012		
Wellid:	23681	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 77 N., R. 24 W., Sec. 1, SW, NE
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 285m.
Depth:	13	C p date:	n.a.
Owner name:	Iowa Dot, Iowa Dot		
Other info:	Well plugged: 5/2/1996; Well type: > 18" dia.		
Xcoord:	452410.94		
Ycoord:	4594696		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000055370

477
WSW
2 - 3 Miles
Higher

IA WELLS **IAPU10000055078**

Mapid:	240308		
Wellid:	26274	Id src fld:	recordno
Datasrc:	TEST	Location:	T. 77 N., R. 24 W., Sec. 5, SW, SE
Well type:	Wells registered for testing	Est loc ac:	Calc. +/- 285m.
Depth:	50	C p date:	1942
Owner name:	Bumgarner, Darrell		
Other info:	Drilling method: Hand Dug; Known well depth		
Xcoord:	445958.53		
Ycoord:	4594390		
Hlink:	Not Reported		

Disperse:	1	Site id:	IAPU10000055078

BM478
SW
2 - 3 Miles
Higher

IA WELLS **IAPU10000054414**

Mapid:	241165		
Wellid:	18888	Id src fld:	recordno
Datasrc:	PVTP	Location:	T. 77 N., R. 24 W., Sec. 8, NE, SW, NE
Well type:	Permitted private wells	Est loc ac:	Calc. +/- 140m.
Depth:	40	C p date:	unkn
Owner name:	Tyler		
Other info:	Primary use: Domestic/household		
Xcoord:	446469.16		
Ycoord:	4593680.5		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000054414

BM479
SW
2 - 3 Miles
Higher

IA WELLS **IAPU10000054415**

Mapid:	241164		
Wellid:	39230	Id src fld:	wnumber
Datasrc:	GEOU	Location:	T. 77 N., R. 24 W., Sec. 8, NE, SW, NE
Well type:	IGS well database	Est loc ac:	Calc. +/- 140m.
Depth:	41	C p date:	8/12/1996
Owner name:	Tyler, Ron		
Other info:	Bedrock depth 21 ft.		
Xcoord:	446466.17		
Ycoord:	4593680.5		
Hlink:	http://gsbdata.igsb.uiowa.edu/geosam/Scripts/geocard.asp?wnumber=39230		
Disperse:	1	Site id:	IAPU10000054415

BM480
SW
2 - 3 Miles
Higher

IA WELLS **IAPR10000004677**

Recordno:	18888	Twp:	77
N s:	N	Rge:	24
E w:	W	Sec:	8
Qqqqq:	NE SW NE	Q abc:	ACA
Permit:	91-1295	App role:	O
Appfirst:	RONALD J.	Applast:	TYLER
Appaddr:	301 SE BROAD	Appcity:	DES MOINES
Appst:	IA	Appzip:	50315
Appphone:	5152430378	Ownerfirst:	Not Reported
Ownerlast:	TYLER	Owneraddr:	Not Reported

Ownercity:	DES MOINES	Ownerst:	IA
Ownerzip:	50315	Ownerphone:	Not Reported
County:	77	Status:	Not Reported
Legal:	NESWNE 8 7724W	Depth:	40
Appdate:	07/24/1996	Prmtdate:	04/20/1996
Use1:	2 Domest	Use2:	Not Reported
Contname:	RO-BANKS WELL CO.	Contid:	Not Reported
Welldrlr:	Not Reported	Certnum:	Not Reported
Constguess:	Not Reported	Const:	04/26/1996
E1use1:	Not Reported	E1use2:	Not Reported
E1dpth:	0	E1legal:	Not Reported
E1const:	Not Reported	E1status:	Not Reported
E2use1:	Not Reported	E2use2:	Not Reported
E2dpth:	0	E2legal:	Not Reported
E2const:	Not Reported	E2status:	Not Reported
E3use1:	Not Reported	E3use2:	Not Reported
E3dpth:	0	E3legal:	Not Reported
E3const:	Not Reported	E3status:	Not Reported
Agentfirst:	Not Reported	Agentlast:	Not Reported
Created:	jwycisk 08/21/96 10:32:34	Checked:	lgrunke 08/21/96 19:27:35
Updated:	lgrunke 08/21/96 19:27:35	Prm recs:	0
Well p:	0	Well e:	0
Utm x:	446461.16		
Utm y:	4593684.5		
Site id:	IAPR10000004677		

481
WNW
2 - 3 Miles
Higher

IA WELLS **IAPU10000058204**

Mapid:	237062		
Wellid:	13360	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 32, NW, NW, NW
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 140m.
Depth:	40	C p date:	n.a.
Owner name:	Des Moines, City Of, Des Moines, City Of		
Other info:	Well plugged: 9/30/1993; Well type: > 18" dia.		
Xcoord:	445494.53		
Ycoord:	4597316.5		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000058204

482
ESE
2 - 3 Miles
Lower

IA WELLS **IAPU10000055474**

Mapid:	239918		
Wellid:	27874	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 77 N., R. 24 W., Sec. 1, SW, NE, NE
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 140m.
Depth:	34	C p date:	n.a.
Owner name:	State Of Iowa		
Other info:	Well plugged: 4/24/1997; Well type: > 18" dia.		
Xcoord:	452516.84		
Ycoord:	4594795		
Hlink:	Not Reported		

Disperse:	1	Site id:	IAPU10000055474

BN483
SW
2 - 3 Miles
Higher

IA WELLS **IAPW10000020562**

Wellnmbr:	2091152	Pmtnmbr:	Not Reported
Twp:	77	Rge:	24
Ew:	W	Sec:	8
Qqqqq:	NE SW NW NE NE	Elev:	0
Elev acc:	Not Reported	Well depth:	35
Br depth:	-99	Wtr depth:	-99
Latn:	41.4937		
Longn:	-93.6429		
Dte done:	01/01/1980	Cty num:	0
County:	Warren		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Eilts, Laurie		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	446336.45		
Ycoord:	4593764.28		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000020562

BN484
SW
2 - 3 Miles
Higher

IA WELLS **IAPW10000020561**

Wellnmbr:	2091152	Pmtnmbr:	Not Reported
Twp:	77	Rge:	24
Ew:	W	Sec:	8
Qqqqq:	NE SW NW NE NE	Elev:	0
Elev acc:	Not Reported	Well depth:	35
Br depth:	-99	Wtr depth:	-99
Latn:	41.4937		
Longn:	-93.6429		
Dte done:	01/01/1980	Cty num:	0
County:	Warren		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Eilts, Laurie		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	446336.45		

Ycoord:	4593764.28		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000020561

BN485
SW
2 - 3 Miles
Higher

IA WELLS **IAPU10000054483**

Mapid:	241073		
Wellid:	2091152	Id src fld:	wellnmbr
Datasrc:	PWTS	Location:	T. 77 N., R. 24 W., Sec. 8, NE SW NW NE NE
Well type:	Private well tracking system	Est loc ac:	nom. +/- 25m.
Depth:	35	C p date:	1/01/1980
Owner name:	Eilts, Laurie		
Other info:	Status: Plugged Use: Monitoring		
Xcoord:	446336.45		
Ycoord:	4593760.2		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000054483

486
NNW
2 - 3 Miles
Higher

IA WELLS **IAPU10000060688**

Mapid:	234102		
Wellid:	16538	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 21, NW, SE, SE
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 140m.
Depth:	unkn	C p date:	n.a.
Owner name:	R.e. Blattert & Associate, Inc.		
Other info:	Well plugged: 6/10/1994; Well type: < 18" dia.		
Xcoord:	447713.84		
Ycoord:	4599897		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000060688

BO487
NNW
2 - 3 Miles
Higher

IA WELLS **IAPU10000060505**

Mapid:	234296		
Wellid:	9514	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 21, SW, NW, NW
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 140m.
Depth:	15	C p date:	n.a.
Owner name:	Townsend Engineering, Townsend Engineering		
Other info:	Well plugged: 10/29/1992; Well type: < 18" dia.		
Xcoord:	447120.66		
Ycoord:	4599703		
Hlink:	Not Reported		

Disperse:	1	Site id:	IAPU10000060505

BO488
NNW
2 - 3 Miles
Higher

IA WELLS **IAPU10000060507**

Mapid:	234295		
Wellid:	9512	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 21, SW, NW, NW
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 140m.
Depth:	15	C p date:	n.a.
Owner name:	Townsend Engineering, Townsend Engineering		
Other info:	Well plugged: 10/29/1992; Well type: < 18" dia.		
Xcoord:	447118.66		
Ycoord:	4599704		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000060507

BO489
NNW
2 - 3 Miles
Higher

IA WELLS **IAPU10000060512**

Mapid:	234283		
Wellid:	9513	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 21, SW, NW, NW
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 140m.
Depth:	15	C p date:	n.a.
Owner name:	Townsend Engineering, Townsend Engineering		
Other info:	Well plugged: 10/29/1992; Well type: < 18" dia.		
Xcoord:	447116.66		
Ycoord:	4599712		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000060512

BP490
NW
2 - 3 Miles
Higher

IA WELLS **IAPU10000059969**

Mapid:	234958		
Wellid:	40086	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 20, SE, SW, SW
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 140m.
Depth:	18	C p date:	n.a.
Owner name:	Keck, John		
Other info:	Well plugged: 11/27/1999; Well type: < 18" dia.		
Xcoord:	446312.31		
Ycoord:	4599107.5		
Hlink:	Not Reported		

Disperse:	1	Site id:	IAPU10000059969

BP491
NW
2 - 3 Miles
Higher

IA WELLS **IAPU10000059979**

Mapid:	234942		
Wellid:	40084	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 20, SE, SW, SW
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 140m.
Depth:	20	C p date:	n.a.
Owner name:	Keck, John		
Other info:	Well plugged: 11/27/1999; Well type: < 18" dia.		
Xcoord:	446315.31		
Ycoord:	4599111.5		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000059979

BP492
NW
2 - 3 Miles
Higher

IA WELLS **IAPU10000059978**

Mapid:	234941		
Wellid:	40088	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 20, SE, SW, SW
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 140m.
Depth:	18	C p date:	n.a.
Owner name:	Keck, John		
Other info:	Well plugged: 11/27/1999; Well type: < 18" dia.		
Xcoord:	446311.31		
Ycoord:	4599111.5		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000059978

BP493
NW
2 - 3 Miles
Higher

IA WELLS **IAPU10000059977**

Mapid:	234940		
Wellid:	40094	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 20, SE, SW, SW
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 140m.
Depth:	20	C p date:	n.a.
Owner name:	Keck, John		
Other info:	Well plugged: 11/27/1999; Well type: < 18" dia.		
Xcoord:	446309.31		
Ycoord:	4599111.5		
Hlink:	Not Reported		

Disperse:	1	Site id:	IAPU10000059977

BP494
NW
2 - 3 Miles
Higher

IA WELLS **IAPU10000059968**

Mapid:	234957		
Wellid:	40091	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 20, SE, SW, SW
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 140m.
Depth:	20	C p date:	n.a.
Owner name:	Keck, John		
Other info:	Well plugged: 11/27/1999; Well type: < 18" dia.		
Xcoord:	446304.31		
Ycoord:	4599107.5		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000059968

BP495
NW
2 - 3 Miles
Higher

IA WELLS **IAPU10000059970**

Mapid:	234954		
Wellid:	40102	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 20, SE, SW, SW
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 140m.
Depth:	20	C p date:	n.a.
Owner name:	Keck, John		
Other info:	Well plugged: 11/27/1999; Well type: < 18" dia.		
Xcoord:	446304.31		
Ycoord:	4599108.5		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000059970

BP496
NW
2 - 3 Miles
Higher

IA WELLS **IAPU10000059975**

Mapid:	234946		
Wellid:	40093	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 20, SE, SW, SW
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 140m.
Depth:	17	C p date:	n.a.
Owner name:	Keck, John		
Other info:	Well plugged: 11/27/1999; Well type: < 18" dia.		
Xcoord:	446305.31		
Ycoord:	4599110.5		
Hlink:	Not Reported		

Disperse:	1	Site id:	IAPU10000059975

BP497
NW
2 - 3 Miles
Higher

IA WELLS **IAPU10000059997**

Mapid:	234908		
Wellid:	40099	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 20, SE, SW, SW
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 140m.
Depth:	15	C p date:	n.a.
Owner name:	Keck, John		
Other info:	Well plugged: 11/27/1999; Well type: < 18" dia.		
Xcoord:	446315.31		
Ycoord:	4599122.5		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000059997

BP498
NW
2 - 3 Miles
Higher

IA WELLS **IAPU10000059981**

Mapid:	234926		
Wellid:	40097	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 20, SE, SW, SW
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 140m.
Depth:	unkn	C p date:	n.a.
Owner name:	Keck, John		
Other info:	Well plugged: 11/27/1999; Well type: < 18" dia.		
Xcoord:	446307.31		
Ycoord:	4599114.5		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000059981

BP499
NW
2 - 3 Miles
Higher

IA WELLS **IAPU10000059988**

Mapid:	234918		
Wellid:	40092	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 20, SE, SW, SW
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 140m.
Depth:	20	C p date:	n.a.
Owner name:	Keck, John		
Other info:	Well plugged: 11/27/1999; Well type: < 18" dia.		
Xcoord:	446309.31		
Ycoord:	4599117.5		
Hlink:	Not Reported		

Disperse:	1	Site id:	IAPU10000059988

BP500
NW
2 - 3 Miles
Higher

IA WELLS **IAPU10000059972**

Mapid:	234949		
Wellid:	40083	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 20, SE, SW, SW
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 140m.
Depth:	20	C p date:	n.a.
Owner name:	Keck, John		
Other info:	Well plugged: 11/27/1999; Well type: < 18" dia.		
Xcoord:	446301.31		
Ycoord:	4599109.5		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000059972

BP501
NW
2 - 3 Miles
Higher

IA WELLS **IAPU10000059986**

Mapid:	234920		
Wellid:	40090	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 20, SE, SW, SW
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 140m.
Depth:	20	C p date:	n.a.
Owner name:	Keck, John		
Other info:	Well plugged: 11/27/1999; Well type: < 18" dia.		
Xcoord:	446307.31		
Ycoord:	4599116.5		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000059986

BP502
NW
2 - 3 Miles
Higher

IA WELLS **IAPU10000059984**

Mapid:	234924		
Wellid:	40100	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 20, SE, SW, SW
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 140m.
Depth:	20	C p date:	n.a.
Owner name:	Keck, John		
Other info:	Well plugged: 11/27/1999; Well type: < 18" dia.		
Xcoord:	446306.31		
Ycoord:	4599115.5		
Hlink:	Not Reported		

Disperse:	1	Site id:	IAPU10000059984

BP503
NW
2 - 3 Miles
Higher

IA WELLS **IAPU10000059974**

Mapid:	234945		
Wellid:	40085	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 20, SE, SW, SW
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 140m.
Depth:	20	C p date:	n.a.
Owner name:	Keck, John		
Other info:	Well plugged: 11/27/1999; Well type: < 18" dia.		
Xcoord:	446301.31		
Ycoord:	4599110.5		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000059974

BP504
NW
2 - 3 Miles
Higher

IA WELLS **IAPU10000059996**

Mapid:	234909		
Wellid:	40096	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 20, SE, SW, SW
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 140m.
Depth:	6	C p date:	n.a.
Owner name:	Keck, John		
Other info:	Well plugged: 11/27/1999; Well type: < 18" dia.		
Xcoord:	446311.31		
Ycoord:	4599121.5		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000059996

BP505
NW
2 - 3 Miles
Higher

IA WELLS **IAPU10000059983**

Mapid:	234923		
Wellid:	40095	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 20, SE, SW, SW
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 140m.
Depth:	12	C p date:	n.a.
Owner name:	Keck, John		
Other info:	Well plugged: 11/27/1999; Well type: < 18" dia.		
Xcoord:	446301.31		
Ycoord:	4599115.5		
Hlink:	Not Reported		

Disperse:	1	Site id:	IAPU10000059983

BP506
NW
2 - 3 Miles
Higher

IA WELLS **IAPU10000059987**

Mapid:	234917		
Wellid:	40089	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 20, SE, SW, SW
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 140m.
Depth:	20	C p date:	n.a.
Owner name:	Keck, John		
Other info:	Well plugged: 11/27/1999; Well type: < 18" dia.		
Xcoord:	446302.31		
Ycoord:	4599117.5		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000059987

BP507
NW
2 - 3 Miles
Higher

IA WELLS **IAPU10000060001**

Mapid:	234907		
Wellid:	40087	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 20, SE, SW, SW
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 140m.
Depth:	18	C p date:	n.a.
Owner name:	Keck, John		
Other info:	Well plugged: 11/27/1999; Well type: < 18" dia.		
Xcoord:	446306.31		
Ycoord:	4599124.5		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000060001

BP508
NW
2 - 3 Miles
Higher

IA WELLS **IAPU10000060005**

Mapid:	234905		
Wellid:	40101	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 20, SE, SW, SW
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 140m.
Depth:	15	C p date:	n.a.
Owner name:	Keck, John		
Other info:	Well plugged: 11/27/1999; Well type: < 18" dia.		
Xcoord:	446301.31		
Ycoord:	4599125.5		
Hlink:	Not Reported		

Disperse:	1	Site id:	IAPU10000060005

BP509
NW
2 - 3 Miles
Higher

IA WELLS **IAPU10000060000**

Mapid:	234906		
Wellid:	40098	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 20, SE, SW, SW
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 140m.
Depth:	15	C p date:	n.a.
Owner name:	Keck, John		
Other info:	Well plugged: 11/27/1999; Well type: < 18" dia.		
Xcoord:	446298.31		
Ycoord:	4599124.5		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000060000

BQ510
ESE
2 - 3 Miles
Higher

IA WELLS **IAPR10000004815**

Recordno:	28222	Twp:	77
N s:	N	Rge:	24
E w:	W	Sec:	1
Qqqqq:	NE	Q abc:	A
Permit:	Not Reported	App role:	O
Appfirst:	ALFRED	Applast:	WICKER
Appaddr:	1266 ADAMS	Appcity:	DES MOINES
Appst:	IA	Appzip:	50320
Appphone:	5152850531	Ownerfirst:	Not Reported
Ownerlast:	WICKER	Owneraddr:	147 127TH LANE
Ownercity:	DES MOINES	Ownerst:	IA
Ownerzip:	50320	Ownerphone:	Not Reported
County:	91	Status:	Not Reported
Legal:	NE 1 7724W	Depth:	0
Appdate:	09/22/2000	Prmtdate:	11/29/2000
Use1:	Not Reported	Use2:	Not Reported
Contname:	Not Reported	Contid:	Not Reported
Welldrlr:	Not Reported	Certnum:	Not Reported
Constguess:	Not Reported	Const:	03/15/2001
E1use1:	Not Reported	E1use2:	Not Reported
E1dpth:	0	E1legal:	Not Reported
E1const:	Not Reported	E1status:	Not Reported
E2use1:	Not Reported	E2use2:	Not Reported
E2dpth:	0	E2legal:	Not Reported
E2const:	Not Reported	E2status:	Not Reported
E3use1:	Not Reported	E3use2:	Not Reported
E3dpth:	0	E3legal:	Not Reported
E3const:	Not Reported	E3status:	Not Reported
Agentfirst:	Not Reported	Agentlast:	Not Reported
Created:	mwillia 04/25/01 12:44:56	Checked:	rodonne 05/07/01 09:44:10

Updated:	rodonne 05/07/01 09:44:10	Prm recs:	0
Well p:	0	Well e:	0
Utm x:	453016.66		
Utm y:	4595298		
Site id:	IAPR10000004815		

BQ511
ESE
2 - 3 Miles
Higher

IA WELLS **IAPU10000055931**

Mapid:	239383		
Wellid:	28222	Id src fld:	recordno
Datasrc:	PVTP	Location:	T. 77 N., R. 24 W., Sec. 1, NE
Well type:	Permitted private wells	Est loc ac:	Calc. +/- 570m.
Depth:	unkn	C p date:	11/29/2000
Owner name:	Wicker		
Other info:	Primary use:		
Xcoord:	453016.66		
Ycoord:	4595290		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000055931

BR512
SSW
2 - 3 Miles
Lower

IA WELLS **IAPU10000053547**

Mapid:	242279		
Wellid:	28114	Id src fld:	recordno
Datasrc:	TEST	Location:	T. 77 N., R. 24 W., Sec. 9, SW, SW
Well type:	Wells registered for testing	Est loc ac:	Calc. +/- 285m.
Depth:	36	C p date:	1963
Owner name:	Robb, Howard		
Other info:	Drilling method: Bored; Known well depth		
Xcoord:	447154.94		
Ycoord:	4592759		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000053547

BR513
SSW
2 - 3 Miles
Lower

IA WELLS **IAPU10000053545**

Mapid:	242280		
Wellid:	27471	Id src fld:	recordno
Datasrc:	TEST	Location:	T. 77 N., R. 24 W., Sec. 9, SW, SW
Well type:	Wells registered for testing	Est loc ac:	Calc. +/- 285m.
Depth:	30	C p date:	1969
Owner name:	Robb, Howard		
Other info:	Drilling method: Bored; Known well depth		
Xcoord:	447150.94		
Ycoord:	4592757		
Hlink:	Not Reported		

Disperse:	1	Site id:	IAPU10000053545

BS514
ESE
2 - 3 Miles
Higher

IA WELLS **IAPR10000004773**

Recordno:	15813	Twp:	77
N s:	N	Rge:	24
E w:	W	Sec:	1
Qqqqq:	SE NW NE	Q abc:	DBA
Permit:	1173	App role:	U
Appfirst:	ROBERT	Applast:	LEONARD
Appaddr:	154 HWY 65/69	Appcity:	DES MOINES
Appst:	IA	Appzip:	50320
Appphone:	2856489	Ownerfirst:	Not Reported
Ownerlast:	Not Reported	Owneraddr:	Not Reported
Ownercity:	Not Reported	Ownerst:	Not Reported
Ownerzip:	Not Reported	Ownerphone:	Not Reported
County:	91	Status:	P
Legal:	NENWSE 1 7724W	Depth:	30
Appdate:	04/10/1991	Prmtdate:	04/10/1991
Use1:	2	Use2:	Not Reported
Contname:	HUFF, LARRY	Contid:	Not Reported
Welldrlr:	Not Reported	Certnum:	40030
Constguess:	Not Reported	Const:	09/01/1991
E1use1:	Not Reported	E1use2:	Not Reported
E1dpth:	0	E1legal:	Not Reported
E1const:	Not Reported	E1status:	Not Reported
E2use1:	Not Reported	E2use2:	Not Reported
E2dpth:	0	E2legal:	Not Reported
E2const:	Not Reported	E2status:	Not Reported
E3use1:	Not Reported	E3use2:	Not Reported
E3dpth:	0	E3legal:	Not Reported
E3const:	Not Reported	E3status:	Not Reported
Agentfirst:	Not Reported	Agentlast:	Not Reported
Created:	Not Reported	Checked:	bbierma 02/27/97 09:04:46
Updated:	bbierma 02/27/97 09:04:46	Prm recs:	0
Well p:	0	Well e:	0
Utm x:	452914.56		
Utm y:	4594793		
Site id:	IAPR10000004773		

BS515
ESE
2 - 3 Miles
Higher

IA WELLS **IAPU10000055473**

Mapid:	239924		
Wellid:	15813	Id src fld:	recordno
Datasrc:	PVTP	Location:	T. 77 N., R. 24 W., Sec. 1, SE, NW, NE
Well type:	Permitted private wells	Est loc ac:	Calc. +/- 140m.
Depth:	30	C p date:	4/10/1991
Owner name:	Unkn		
Other info:	Primary use: Domestic/household		
Xcoord:	452915.56		
Ycoord:	4594792		
Hlink:	Not Reported		

Disperse:	1	Site id:	IAPU10000055473

BT516
NNE
2 - 3 Miles
Higher

IA WELLS **IAPU10000061228**

Mapid:	233613		
Wellid:	2078843	Id src fld:	wellnmbr
Datasrc:	PWTS	Location:	T. 78 N., R. 24 W., Sec. 22, NE NE NW SE SW
Well type:	Private well tracking system	Est loc ac:	nom. +/- 25m.
Depth:	unkn	C p date:	unkn
Owner name:	Unknown		
Other info:	Status: Retired Use: Heat pump		
Xcoord:	449951.09		
Ycoord:	4600416		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000061228

BT517
NNE
2 - 3 Miles
Higher

IA WELLS **IAPW10000023274**

Wellnmbr:	2078843	Pmtnmbr:	11136
Twp:	78	Rge:	24
Ew:	W	Sec:	22
Qqqqq:	NE NE NW SE SW	Elev:	0
Elev acc:	Not Reported	Well depth:	0
Br depth:	-99	Wtr depth:	-99
Latn:	41.5539		
Longn:	-93.6002		
Dte done:	05/14/2003	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	unknown		
Cnstr mthd:	Not Reported		
Fm rmk:	Not Reported		
Well use:	Heat pump	Status:	Retired
Ht pmp no:	81	Permit:	X
Plugging:	Not Reported	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	449947.09		
Ycoord:	4600422.09		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000023274

BT518
NNE
2 - 3 Miles
Higher

IA WELLS **IAPW10000023275**

Wellnmbr:	2078843	Pmtnmbr:	11136
Twp:	78	Rge:	24
Ew:	W	Sec:	22
Qqqqq:	NE NE NW SE SW	Elev:	0
Elev acc:	Not Reported	Well depth:	0
Br depth:	-99	Wtr depth:	-99
Latn:	41.5539		
Longn:	-93.6002		
Dte done:	05/14/2003	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	unknown		
Cnstr mthd:	Not Reported		
Fm rmk:	Not Reported		
Well use:	Heat pump	Status:	Retired
Ht pmp no:	81	Permit:	X
Plugging:	Not Reported	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	449947.09		
Ycoord:	4600422.09		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000023275

BU519
SSE
2 - 3 Miles
Higher

IA WELLS **IAPU10000053113**

Mapid:	242591		
Wellid:	8529	Id src fld:	recordno
Datasrc:	TEST	Location:	T. 77 N., R. 24 W., Sec. 14, NW, NW
Well type:	Wells registered for testing	Est loc ac:	Calc. +/- 285m.
Depth:	95	C p date:	1987
Owner name:	Kladivo, Mark		
Other info:	Drilling method: Bored; Known well depth		
Xcoord:	450385.25		
Ycoord:	4592307		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000053113

BU520
SSE
2 - 3 Miles
Lower

IA WELLS **IAPU10000053108**

Mapid:	242595		
Wellid:	63729	Id src fld:	recordno
Datasrc:	TEST	Location:	T. 77 N., R. 24 W., Sec. 14, NW, NW
Well type:	Wells registered for testing	Est loc ac:	Calc. +/- 285m.
Depth:	60	C p date:	1987
Owner name:	Needles, Gene		
Other info:	Drilling method: Bored; Estimated well depth		
Xcoord:	450375.25		
Ycoord:	4592300		
Hlink:	Not Reported		

Disperse:	1	Site id:	IAPU10000053108

BU521
SSE
2 - 3 Miles
Lower

IA WELLS **IAPU10000053105**

Mapid:	242598		
Wellid:	63735	Id src fld:	recordno
Datasrc:	TEST	Location:	T. 77 N., R. 24 W., Sec. 14, NW, NW
Well type:	Wells registered for testing	Est loc ac:	Calc. +/- 285m.
Depth:	95	C p date:	1987
Owner name:	Kladivo, Mark		
Other info:	Drilling method: Bored; Known well depth		
Xcoord:	450381.25		
Ycoord:	4592298		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000053105

BV522
NW
2 - 3 Miles
Higher

IA WELLS **IAPU10000060226**

Mapid:	234520		
Wellid:	2111847	Id src fld:	wellnmbr
Datasrc:	PWTS	Location:	T. 78 N., R. 24 W., Sec. 20, SW NE SE SE SE
Well type:	Private well tracking system	Est loc ac:	nom. +/- 25m.
Depth:	13	C p date:	6/10/2000
Owner name:	Unknown		
Other info:	Status: Plugged Use: Monitoring		
Xcoord:	446193.89		
Ycoord:	4599441.9		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000060226

BW523
NNE
2 - 3 Miles
Higher

IA WELLS **IAPU10000061319**

Mapid:	233535		
Wellid:	39066	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 22, NE, NE, NE
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 140m.
Depth:	8	C p date:	n.a.
Owner name:	KeRR McGee Refining Corp.		
Other info:	Well plugged: 11/9/1999; Well type: < 18" dia.		
Xcoord:	450122.94		
Ycoord:	4600473.5		
Hlink:	Not Reported		

Disperse:	1	Site id:	IAPU10000061319

BV524
NW
2 - 3 Miles
Higher

IA WELLS **IAPW10000022853**

Wellnmbr:	2111847	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	20
Qqqqq:	SW NE SE SE SE	Elev:	0
Elev acc:	Not Reported	Well depth:	13
Br depth:	-99	Wtr depth:	7
Latn:	41.5449		
Longn:	-93.6452		
Dte done:	06/10/2000	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Not Reported		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	446186.89		
Ycoord:	4599449.95		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000022853

BV525
NW
2 - 3 Miles
Higher

IA WELLS **IAPW10000022854**

Wellnmbr:	2111847	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	20
Qqqqq:	SW NE SE SE SE	Elev:	0
Elev acc:	Not Reported	Well depth:	13
Br depth:	-99	Wtr depth:	7
Latn:	41.5449		
Longn:	-93.6452		
Dte done:	06/10/2000	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Not Reported		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	446186.89		

Ycoord:	4599449.95		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000022854

BW526
NNE
2 - 3 Miles
Higher

IA WELLS **IAPU10000061324**

Mapid:	233533		
Wellid:	39062	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 22, NE, NE, NE
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 140m.
Depth:	13	C p date:	n.a.
Owner name:	KeRR McGee Refining Corp.		
Other info:	Well plugged: 11/9/1999; Well type: < 18" dia.		
Xcoord:	450129.94		
Ycoord:	4600474.5		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000061324

BW527
NNE
2 - 3 Miles
Higher

IA WELLS **IAPU10000061330**

Mapid:	233532		
Wellid:	39067	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 22, NE, NE, NE
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 140m.
Depth:	8	C p date:	n.a.
Owner name:	KeRR McGee Refining Corp.		
Other info:	Well plugged: 11/9/1999; Well type: < 18" dia.		
Xcoord:	450125.94		
Ycoord:	4600477.5		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000061330

BX528
WSW
2 - 3 Miles
Higher

IA WELLS **IAPU10000054814**

Mapid:	240635		
Wellid:	32656	Id src fld:	recordno
Datasrc:	TEST	Location:	T. 77 N., R. 24 W., Sec. 8, NW, NW, NW
Well type:	Wells registered for testing	Est loc ac:	Calc. +/- 140m.
Depth:	30	C p date:	1958
Owner name:	Powell, Rod		
Other info:	Drilling method: Bored;		
Xcoord:	445454.13		
Ycoord:	4594103.5		
Hlink:	Not Reported		

Disperse:	1	Site id:	IAPU10000054814

BV529
NW
2 - 3 Miles
Higher

IA WELLS **IAPW10000022850**

Wellnmbr:	2111848	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	20
Qqqqq:	SW NE SE SE SE	Elev:	0
Elev acc:	Not Reported	Well depth:	15
Br depth:	-99	Wtr depth:	7
Latn:	41.5449		
Longn:	-93.6453		
Dte done:	06/10/2000	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Not Reported		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	446178.55		
Ycoord:	4599450.01		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000022850

BV530
NW
2 - 3 Miles
Higher

IA WELLS **IAPW10000022849**

Wellnmbr:	2111848	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	20
Qqqqq:	SW NE SE SE SE	Elev:	0
Elev acc:	Not Reported	Well depth:	15
Br depth:	-99	Wtr depth:	7
Latn:	41.5449		
Longn:	-93.6453		
Dte done:	06/10/2000	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Not Reported		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	446178.55		

Ycoord:	4599450.01		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000022849

BW531
NNE
2 - 3 Miles
Higher

IA WELLS **IAPU10000061334**

Mapid:	233529		
Wellid:	39069	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 22, NE, NE, NE
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 140m.
Depth:	12	C p date:	n.a.
Owner name:	KeRR McGee Refining Corp.		
Other info:	Well plugged: 11/9/1999; Well type: < 18" dia.		
Xcoord:	450131.94		
Ycoord:	4600479.5		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000061334

BW532
NNE
2 - 3 Miles
Higher

IA WELLS **IAPU10000061339**

Mapid:	233526		
Wellid:	39068	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 22, NE, NE, NE
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 140m.
Depth:	13	C p date:	n.a.
Owner name:	KeRR McGee Refining Corp.		
Other info:	Well plugged: 11/9/1999; Well type: < 18" dia.		
Xcoord:	450128.94		
Ycoord:	4600482.5		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000061339

BW533
NNE
2 - 3 Miles
Higher

IA WELLS **IAPU10000061342**

Mapid:	233524		
Wellid:	39064	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 22, NE, NE, NE
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 140m.
Depth:	13	C p date:	n.a.
Owner name:	KeRR McGee Refining Corp.		
Other info:	Well plugged: 11/9/1999; Well type: < 18" dia.		
Xcoord:	450125.94		
Ycoord:	4600483.5		
Hlink:	Not Reported		

Disperse:	1	Site id:	IAPU10000061342

BW534
NNE
2 - 3 Miles
Higher

IA WELLS **IAPU10000061343**

Mapid:	233525		
Wellid:	39063	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 22, NE, NE, NE
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 140m.
Depth:	13	C p date:	n.a.
Owner name:	KeRR McGee Refining Corp.		
Other info:	Well plugged: 11/9/1999; Well type: < 18" dia.		
Xcoord:	450131.94		
Ycoord:	4600483.5		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000061343

BX535
WSW
2 - 3 Miles
Higher

IA WELLS **IAPU10000054810**

Mapid:	240636		
Wellid:	26839	Id src fld:	recordno
Datasrc:	TEST	Location:	T. 77 N., R. 24 W., Sec. 8, NW, NW, NW
Well type:	Wells registered for testing	Est loc ac:	Calc. +/- 140m.
Depth:	36	C p date:	1958
Owner name:	Powell, Rod		
Other info:	Drilling method: Bored;		
Xcoord:	445445.13		
Ycoord:	4594101.5		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000054810

BW536
NNE
2 - 3 Miles
Higher

IA WELLS **IAPU10000061345**

Mapid:	233522		
Wellid:	39065	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 22, NE, NE, NE
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 140m.
Depth:	13	C p date:	n.a.
Owner name:	KeRR McGee Refining Corp.		
Other info:	Well plugged: 11/9/1999; Well type: < 18" dia.		
Xcoord:	450134.94		
Ycoord:	4600486.5		
Hlink:	Not Reported		

Disperse:	1	Site id:	IAPU10000061345

BV537
NW
2 - 3 Miles
Higher

IA WELLS **IAPU10000060241**

Mapid:	234483		
Wellid:	2111848	Id src fld:	wellnmbr
Datasrc:	PWTS	Location:	T. 78 N., R. 24 W., Sec. 20, SW NE SE SE SE
Well type:	Private well tracking system	Est loc ac:	nom. +/- 25m.
Depth:	15	C p date:	6/10/2000
Owner name:	Unknown		
Other info:	Status: Plugged Use: Monitoring		
Xcoord:	446176.55		
Ycoord:	4599460		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000060241

BV538
NW
2 - 3 Miles
Higher

IA WELLS **IAPW10000022861**

Wellnmbr:	2111846	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	20
Qqqqq:	SW NE SE SE SE	Elev:	0
Elev acc:	Not Reported	Well depth:	14
Br depth:	-99	Wtr depth:	7
Latn:	41.545		
Longn:	-93.6454		
Dte done:	06/10/2000	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Not Reported		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	446170.29		
Ycoord:	4599461.18		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000022861

BV539
NW
2 - 3 Miles
Higher

IA WELLS **IAPW10000022862**

Wellnmbr:	2111846	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	20
Qqqqq:	SW NE SE SE SE	Elev:	0
Elev acc:	Not Reported	Well depth:	14
Br depth:	-99	Wtr depth:	7
Latn:	41.545		
Longn:	-93.6454		
Dte done:	06/10/2000	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Not Reported		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	446170.29		
Ycoord:	4599461.18		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000022862

BV540
NW
2 - 3 Miles
Higher

IA WELLS **IAPU10000060245**

Mapid:	234472		
Wellid:	2111846	Id src fld:	wellnmbr
Datasrc:	PWTS	Location:	T. 78 N., R. 24 W., Sec. 20, SW NE SE SE SE
Well type:	Private well tracking system	Est loc ac:	nom. +/- 25m.
Depth:	14	C p date:	6/10/2000
Owner name:	Unknown		
Other info:	Status: Plugged Use: Monitoring		
Xcoord:	446170.29		
Ycoord:	4599468.1		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000060245

541
ESE
2 - 3 Miles
Lower

IA WELLS **IAPU10000055737**

Mapid:	239615		
Wellid:	25647	Id src fld:	recordno
Datasrc:	TEST	Location:	T. 77 N., R. 24 W., Sec. 1, NE, SE
Well type:	Wells registered for testing	Est loc ac:	Calc. +/- 285m.
Depth:	70	C p date:	1992
Owner name:	Judge, David		
Other info:	Drilling method: Bored;		
Xcoord:	453224.38		
Ycoord:	4595086.5		
Hlink:	Not Reported		

Disperse:	1	Site id:	IAPU10000055737

542
WSW
2 - 3 Miles
Lower

IA WELLS **IAPU10000055884**

Mapid:	239377		
Wellid:	15241	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 77 N., R. 24 W., Sec. 6, NE, SW, NE
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 140m.
Depth:	28	C p date:	n.a.
Owner name:	Sales Conservatorship, Helen		
Other info:	Well plugged: 1/9/1990; Well type: > 18" dia.		
Xcoord:	444867.41		
Ycoord:	4595298.5		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000055884

BY543
South
2 - 3 Miles
Lower

IA WELLS **IAPU10000052770**

Mapid:	243136		
Wellid:	293	Id src fld:	wnumber
Datasrc:	GEOU	Location:	T. 77 N., R. 24 W., Sec. 15, NW, SE, NW, SE
Well type:	IGS well database	Est loc ac:	Calc. +/- 70m.
Depth:	228	C p date:	unkn
Owner name:	U.s. Rifle Range		
Other info:	Bedrock depth 30 ft.		
Xcoord:	449113.84		
Ycoord:	4591961.2		
Hlink:	http://gsbdata.igsb.uiowa.edu/geosam/Scripts/geocard.asp?wnumber=293		
Disperse:	1	Site id:	IAPU10000052770

BY544
South
2 - 3 Miles
Lower

FED USGS **USGS2594696**

Agency cd:	USGS	Site no:	412839093363101
Site name:	077N24W15BDBD 00293 1935FT DES MOINES NO 2		
Latitude:	412839	EDR Site id:	USGS2594696
Longitude:	0933631	Dec lat:	41.47749046
Dec lon:	-93.60882826	Coor meth:	M
Coor accr:	F	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	19
State:	19	County:	181
Country:	US	Land net:	NWSENWS15 T077N R24W 5
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	809.00		
Altitude method:	Altimeter		
Altitude accuracy:	05		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Lake Red Rock. Iowa. Area = 2400 sq.mi.		
Topographic:	Valley flat		
Site type:	Ground-water other than Spring	Date construction:	193505
Date inventoried:	Not Reported	Mean greenwich time offset:	CST

Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	CARBONIFEROUS UNDIFFERENTIATED		
Well depth:	228	Hole depth:	228
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1935-05-01	Ground water data end date:	1935-05-01
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1935-05-01	12.00	

545
ESE
2 - 3 Miles
Lower

IA WELLS **IAPU10000055365**

Mapid:	240021		
Wellid:	10724	Id src fld:	recordno
Datasrc:	TEST	Location:	T. 77 N., R. 24 W., Sec. 1, SE, NE
Well type:	Wells registered for testing	Est loc ac:	Calc. +/- 285m.
Depth:	40	C p date:	1991
Owner name:	Leonard, Robert		
Other info:	Drilling method: Bored; Estimated well depth		
Xcoord:	453218.38		
Ycoord:	4594686		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000055365

BZ546
NNE
2 - 3 Miles
Higher

IA WELLS **IAPW10000023168**

Wellnmbr:	2112081	Pmtnmbr:	20427
Twp:	78	Rge:	24
Ew:	W	Sec:	23
Qqqqq:	NE NW SE SW NE	Elev:	0
Elev acc:	Not Reported	Well depth:	200
Br depth:	110	Wtr depth:	-99
Latn:	41.5521		
Longn:	-93.5841		
Dte done:	09/26/2005	Cty num:	0
County:	Polk		

Drlr name:	Deemer, Scott		
Drlr cmpy:	Morrell Heating & Cooling		
Owner name:	Amundson, Richard		
Cnstr mthd:	Rotary		
Fm rmk:	Not Reported		
Well use:	Heat pump	Status:	Active
Ht pmp no:	3	Permit:	X
Plugging:	Not Reported	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	451288.39		
Ycoord:	4600213.04		
Has litho:	1	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000023168

BZ547
NNE
2 - 3 Miles
Higher

IA WELLS **IAPW10000023169**

Wellnmbr:	2112081	Pmtnmbr:	20427
Twp:	78	Rge:	24
Ew:	W	Sec:	23
Qqqqq:	NE NW SE SW NE	Elev:	0
Elev acc:	Not Reported	Well depth:	200
Br depth:	110	Wtr depth:	-99
Latn:	41.5521		
Longn:	-93.5841		
Dte done:	09/26/2005	Cty num:	0
County:	Polk		
Drlr name:	Deemer, Scott		
Drlr cmpy:	Morrell Heating & Cooling		
Owner name:	Amundson, Richard		
Cnstr mthd:	Rotary		
Fm rmk:	Not Reported		
Well use:	Heat pump	Status:	Active
Ht pmp no:	3	Permit:	X
Plugging:	Not Reported	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	451288.39		
Ycoord:	4600213.04		
Has litho:	1	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000023169

BZ548
NNE
2 - 3 Miles
Higher

IA WELLS **IAPU10000060934**

Mapid:	233791		
Wellid:	2112081	Id src fld:	wellnmbr
Datasrc:	PWTS	Location:	T. 78 N., R. 24 W., Sec. 23, NE NW SE SW NE
Well type:	Private well tracking system	Est loc ac:	nom. +/- 25m.
Depth:	200	C p date:	9/26/2005
Owner name:	Amundson, Richard		
Other info:	Status: Active Use: Heat pump , Bedrock depth: 110		
Xcoord:	451297.39		
Ycoord:	4600213		
Hlink:	Not Reported		

Disperse:	1	Site id:	IAPU10000060934

CA549
NW
2 - 3 Miles
Higher

IA WELLS **IAPU10000060766**

Mapid:	233995		
Wellid:	2093362	Id src fld:	wellnmbr
Datasrc:	PWTS	Location:	T. 78 N., R. 24 W., Sec. 20, NE SW NE SE SW
Well type:	Private well tracking system	Est loc ac:	nom. +/- 25m.
Depth:	20	C p date:	1/01/1995
Owner name:	Unknown		
Other info:	Status: Plugged Use: Monitoring		
Xcoord:	446554.9		
Ycoord:	4600030.6		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000060766

CA550
NW
2 - 3 Miles
Higher

IA WELLS **IAPW10000023078**

Wellnmbr:	2093362	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	20
Qqqqq:	NE SW NE SE SW	Elev:	0
Elev acc:	Not Reported	Well depth:	20
Br depth:	-99	Wtr depth:	17
Latn:	41.5502		
Longn:	-93.6409		
Dte done:	01/01/1995	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	unknown		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	11	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	446549.9		
Ycoord:	4600035.69		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000023078

CA551
NW
2 - 3 Miles
Higher

IA WELLS **IAPW10000023077**

Wellnmbr:	2093362	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	20
Qqqqq:	NE SW NE SE SW	Elev:	0
Elev acc:	Not Reported	Well depth:	20
Br depth:	-99	Wtr depth:	17
Latn:	41.5502		
Longn:	-93.6409		
Dte done:	01/01/1995	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	unknown		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	11	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	446549.9		
Ycoord:	4600035.69		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000023077

CA552
NW
2 - 3 Miles
Higher

IA WELLS **IAPU10000060760**

Mapid:	234000		
Wellid:	2093361	Id src fld:	wellnmbr
Datasrc:	PWTS	Location:	T. 78 N., R. 24 W., Sec. 20, NE SW NE SE SW
Well type:	Private well tracking system	Est loc ac:	nom. +/- 25m.
Depth:	20	C p date:	1/01/1994
Owner name:	Unknown		
Other info:	Status: Plugged Use: Monitoring		
Xcoord:	446533.56		
Ycoord:	4600027.7		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000060760

553
West
2 - 3 Miles
Lower

IA WELLS **IAPU10000056109**

Mapid:	239135		
Wellid:	22657	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 77 N., R. 24 W., Sec. 6, NE, NW, SW
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 140m.
Depth:	28	C p date:	n.a.
Owner name:	Kropf, Larry M.		
Other info:	Well plugged: 12/5/1995; Well type: > 18" dia.		
Xcoord:	444675.22		
Ycoord:	4595502.5		
Hlink:	Not Reported		

Disperse:	1	Site id:	IAPU10000056109

CA554
NW
2 - 3 Miles
Higher

IA WELLS **IAPW10000023100**

Wellnmbr:	2093361	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	20
Qqqqq:	NE SW NE SE SW	Elev:	0
Elev acc:	Not Reported	Well depth:	20
Br depth:	-99	Wtr depth:	15
Latn:	41.5502		
Longn:	-93.641		
Dte done:	01/01/1994	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	unknown		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	446541.56		
Ycoord:	4600035.76		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000023100

CA555
NW
2 - 3 Miles
Higher

IA WELLS **IAPW10000023101**

Wellnmbr:	2093361	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	20
Qqqqq:	NE SW NE SE SW	Elev:	0
Elev acc:	Not Reported	Well depth:	20
Br depth:	-99	Wtr depth:	15
Latn:	41.5502		
Longn:	-93.641		
Dte done:	01/01/1994	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	unknown		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	446541.56		

Ycoord:	4600035.76		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000023101

CA556
NW
2 - 3 Miles
Higher

IA WELLS **IAPU10000060759**

Mapid:	234002		
Wellid:	2093357	Id src fld:	wellnmbr
Datasrc:	PWTS	Location:	T. 78 N., R. 24 W., Sec. 20, NE SW NE SE SW
Well type:	Private well tracking system	Est loc ac:	nom. +/- 25m.
Depth:	20	C p date:	1/01/1994
Owner name:	Unknown		
Other info:	Status: Plugged Use: Monitoring		
Xcoord:	446528.22		
Ycoord:	4600026.8		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000060759

CA557
NW
2 - 3 Miles
Higher

IA WELLS **IAPW10000023097**

Wellnmbr:	2093357	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	20
Qqqqq:	NE SW NE SE SW	Elev:	0
Elev acc:	Not Reported	Well depth:	20
Br depth:	-99	Wtr depth:	16
Latn:	41.5502		
Longn:	-93.6411		
Dte done:	01/01/1994	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	unknown		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	11	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	446533.22		
Ycoord:	4600035.82		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000023097

CA558
NW
2 - 3 Miles
Higher

IA WELLS **IAPW10000023096**

Wellnmbr:	2093357	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	20
Qqqqq:	NE SW NE SE SW	Elev:	0
Elev acc:	Not Reported	Well depth:	20
Br depth:	-99	Wtr depth:	16
Latn:	41.5502		
Longn:	-93.6411		
Dte done:	01/01/1994	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	unknown		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	11	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	446533.22		
Ycoord:	4600035.82		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000023096

BZ559
NNE
2 - 3 Miles
Higher

IA WELLS **IAPU10000060962**

Mapid:	233755		
Wellid:	60885	Id src fld:	wnumber
Datasrc:	GEOU	Location:	T. 78 N., R. 24 W., Sec. 23, NE, NW, SE
Well type:	IGS well database	Est loc ac:	Calc. +/- 140m.
Depth:	200	C p date:	9/26/2005
Owner name:	Amundson, Richard		
Other info:	Bedrock depth 110 ft.		
Xcoord:	451332.01		
Ycoord:	4600249		
Hlink:	http://gsbdata.igsb.uiowa.edu/geosam/Scripts/geocard.asp?wnumber=60885		
Disperse:	1	Site id:	IAPU10000060962

CB560
NNE
2 - 3 Miles
Lower

IA WELLS **IAPW10000023337**

Wellnmbr:	2077991	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	23
Qqqqq:	NW NE NW NW NE	Elev:	0
Elev acc:	Not Reported	Well depth:	11
Br depth:	-99	Wtr depth:	6
Latn:	41.5551		
Longn:	-93.5912		
Dte done:	01/01/1990	Cty num:	0
County:	Polk		

Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	unknown		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	450698.55		
Ycoord:	4600550.13		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000023337

CB561
NNE
2 - 3 Miles
Lower

IA WELLS **IAPW10000023335**

Wellnmbr:	2077991	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	23
Qqqqq:	NW NE NW NW NE	Elev:	0
Elev acc:	Not Reported	Well depth:	11
Br depth:	-99	Wtr depth:	6
Latn:	41.5551		
Longn:	-93.5912		
Dte done:	01/01/1990	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	unknown		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	450698.55		
Ycoord:	4600550.13		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000023335

CB562
NNE
2 - 3 Miles
Lower

IA WELLS **IAPW10000023336**

Wellnmbr:	2077989	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	23
Qqqqq:	NW NE NW NW NE	Elev:	0
Elev acc:	Not Reported	Well depth:	10
Br depth:	-99	Wtr depth:	5
Latn:	41.5551		
Longn:	-93.5912		
Dte done:	01/01/1990	Cty num:	0
County:	Polk		

Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	unknown		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	450698.55		
Ycoord:	4600550.13		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000023336

CB563
NNE **IA WELLS** **IAPW10000023334**
2 - 3 Miles
Lower

Wellnmbr:	2077989	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	23
Qqqqq:	NW NE NW NW NE	Elev:	0
Elev acc:	Not Reported	Well depth:	10
Br depth:	-99	Wtr depth:	5
Latn:	41.5551		
Longn:	-93.5912		
Dte done:	01/01/1990	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	unknown		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	450698.55		
Ycoord:	4600550.13		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000023334

564
SSE **IA WELLS** **IAPU10000052705**
2 - 3 Miles
Higher

Mapid:	243192		
Wellid:	1077	Id src fld:	wnumber
Datasrc:	GEOU	Location:	T. 77 N., R. 24 W., Sec. 15, NE, SE
Well type:	IGS well database	Est loc ac:	Calc. +/- 285m.
Depth:	405	C p date:	unkn
Owner name:	Dowell, Cassius		
Other info:	Bedrock depth 60 ft.		
Xcoord:	449964.13		
Ycoord:	4591899.7		
Hlink:	http://gsbdata.igsb.uiowa.edu/geosam/Scripts/geocard.asp?wnumber=1077		

Disperse:	1	Site id:	IAPU10000052705

CA565
NW
2 - 3 Miles
Higher

IA WELLS **IAPW10000023092**

Wellnmbr:	2093356	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	20
Qqqqq:	NE SW NE SE SW	Elev:	0
Elev acc:	Not Reported	Well depth:	15
Br depth:	-99	Wtr depth:	14
Latn:	41.5502		
Longn:	-93.6412		
Dte done:	01/01/1994	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	unknown		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	11	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	446524.88		
Ycoord:	4600035.88		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000023092

CA566
NW
2 - 3 Miles
Higher

IA WELLS **IAPW10000023093**

Wellnmbr:	2093356	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	20
Qqqqq:	NE SW NE SE SW	Elev:	0
Elev acc:	Not Reported	Well depth:	15
Br depth:	-99	Wtr depth:	14
Latn:	41.5502		
Longn:	-93.6412		
Dte done:	01/01/1994	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	unknown		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	11	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	446524.88		

Ycoord:	4600035.88		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000023093

CB567
NNE **IA WELLS** **IAPU10000061409**
2 - 3 Miles
Lower

Mapid:	233464		
Wellid:	2077989	Id src fld:	wellnmbr
Datasrc:	PWTS	Location:	T. 78 N., R. 24 W., Sec. 23, NW NE NW NW NE
Well type:	Private well tracking system	Est loc ac:	nom. +/- 25m.
Depth:	10	C p date:	1/01/1990
Owner name:	Unknown		
Other info:	Status: Plugged Use: Monitoring		
Xcoord:	450702.55		
Ycoord:	4600552.1		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000061409

CA568
NW **IA WELLS** **IAPW10000023089**
2 - 3 Miles
Higher

Wellnmbr:	2093354	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	20
Qqqqq:	NE SW NE SE SW	Elev:	0
Elev acc:	Not Reported	Well depth:	13
Br depth:	-99	Wtr depth:	3
Latn:	41.5502		
Longn:	-93.6413		
Dte done:	01/01/1994	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	unknown		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	11	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	446516.54		
Ycoord:	4600035.94		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000023089

CA569
NW **IA WELLS** **IAPW10000023088**
2 - 3 Miles
Higher

Wellnmbr:	2093354	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	20
Qqqqq:	NE SW NE SE SW	Elev:	0
Elev acc:	Not Reported	Well depth:	13
Br depth:	-99	Wtr depth:	3
Latn:	41.5502		
Longn:	-93.6413		
Dte done:	01/01/1994	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	unknown		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	11	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	446516.54		
Ycoord:	4600035.94		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000023088

CB570
NNE
2 - 3 Miles
Lower

IA WELLS **IAPU10000061412**

Mapid:	233452		
Wellid:	2077991	Id src fld:	wellnmbr
Datasrc:	PWTS	Location:	T. 78 N., R. 24 W., Sec. 23, NW NE NW NW NE
Well type:	Private well tracking system	Est loc ac:	nom. +/- 25m.
Depth:	11	C p date:	1/01/1990
Owner name:	Unknown		
Other info:	Status: Plugged Use: Monitoring		
Xcoord:	450696.55		
Ycoord:	4600557.1		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000061412

CA571
NW
2 - 3 Miles
Higher

IA WELLS **IAPU10000060772**

Mapid:	233976		
Wellid:	2093354	Id src fld:	wellnmbr
Datasrc:	PWTS	Location:	T. 78 N., R. 24 W., Sec. 20, NE SW NE SE SW
Well type:	Private well tracking system	Est loc ac:	nom. +/- 25m.
Depth:	13	C p date:	1/01/1994
Owner name:	Unknown		
Other info:	Status: Plugged Use: Monitoring		
Xcoord:	446521.54		
Ycoord:	4600041.9		
Hlink:	Not Reported		

Disperse:	1	Site id:	IAPU10000060772

CA572
NW
2 - 3 Miles
Higher

IA WELLS **IAPU10000060774**

Mapid:	233974		
Wellid:	2093356	Id src fld:	wellnmbr
Datasrc:	PWTS	Location:	T. 78 N., R. 24 W., Sec. 20, NE SW NE SE SW
Well type:	Private well tracking system	Est loc ac:	nom. +/- 25m.
Depth:	15	C p date:	1/01/1994
Owner name:	Unknown		
Other info:	Status: Plugged Use: Monitoring		
Xcoord:	446522.88		
Ycoord:	4600042.8		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000060774

CA573
NW
2 - 3 Miles
Higher

IA WELLS **IAPW10000023080**

Wellnmbr:	2093352	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	20
Qqqqq:	NE SW NE SW SE	Elev:	0
Elev acc:	Not Reported	Well depth:	15
Br depth:	-99	Wtr depth:	11
Latn:	41.5502		
Longn:	-93.6414		
Dte done:	01/01/1994	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	unknown		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	11	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	446508.2		
Ycoord:	4600036		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000023080

CA574
NW
2 - 3 Miles
Higher

IA WELLS **IAPW10000023079**

Wellnmbr:	2093352	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	20
Qqqqq:	NE SW NE SW SE	Elev:	0
Elev acc:	Not Reported	Well depth:	15
Br depth:	-99	Wtr depth:	11
Latn:	41.5502		
Longn:	-93.6414		
Dte done:	01/01/1994	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	unknown		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	11	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	446508.2		
Ycoord:	4600036		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000023079

CA575
NW
2 - 3 Miles
Higher

IA WELLS **IAPU10000060769**

Mapid:	233985		
Wellid:	2093352	Id src fld:	wellnmbr
Datasrc:	PWTS	Location:	T. 78 N., R. 24 W., Sec. 20, NE SW NE SW SE
Well type:	Private well tracking system	Est loc ac:	nom. +/- 25m.
Depth:	15	C p date:	1/01/1994
Owner name:	Unknown		
Other info:	Status: Plugged Use: Monitoring		
Xcoord:	446510.2		
Ycoord:	4600038		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000060769

CA576
NW
2 - 3 Miles
Higher

IA WELLS **IAPW10000023102**

Wellnmbr:	2093344	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	20
Qqqqq:	NE SW NE SW SE	Elev:	0
Elev acc:	Not Reported	Well depth:	20
Br depth:	-99	Wtr depth:	17
Latn:	41.5502		
Longn:	-93.6415		
Dte done:	01/01/1994	Cty num:	0
County:	Polk		

Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	unknown		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	11	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	446499.86		
Ycoord:	4600036.07		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000023102

CA577
NW
2 - 3 Miles
Higher

IA WELLS **IAPW10000023103**

Wellnmbr:	2093344	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	20
Qqqqq:	NE SW NE SW SE	Elev:	0
Elev acc:	Not Reported	Well depth:	20
Br depth:	-99	Wtr depth:	17
Latn:	41.5502		
Longn:	-93.6415		
Dte done:	01/01/1994	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	unknown		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	11	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	446499.86		
Ycoord:	4600036.07		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000023103

CA578
NW
2 - 3 Miles
Higher

IA WELLS **IAPU10000060770**

Mapid:	233981		
Wellid:	2093344	Id src fld:	wellnmbr
Datasrc:	PWTS	Location:	T. 78 N., R. 24 W., Sec. 20, NE SW NE SW SE
Well type:	Private well tracking system	Est loc ac:	nom. +/- 25m.
Depth:	20	C p date:	1/01/1994
Owner name:	Unknown		
Other info:	Status: Plugged Use: Monitoring		
Xcoord:	446501.86		
Ycoord:	4600039		
Hlink:	Not Reported		

Disperse:	1	Site id:	IAPU10000060770

CA579
NW
2 - 3 Miles
Higher

IA WELLS **IAPU10000060761**

Mapid:	233998		
Wellid:	2093343	Id src fld:	wellnmbr
Datasrc:	PWTS	Location:	T. 78 N., R. 24 W., Sec. 20, NE SW NE SW SE
Well type:	Private well tracking system	Est loc ac:	nom. +/- 25m.
Depth:	15	C p date:	1/01/1994
Owner name:	Unknown		
Other info:	Status: Plugged Use: Monitoring		
Xcoord:	446486.52		
Ycoord:	4600029.1		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000060761

CA580
NW
2 - 3 Miles
Higher

IA WELLS **IAPU10000060762**

Mapid:	233997		
Wellid:	2093341	Id src fld:	wellnmbr
Datasrc:	PWTS	Location:	T. 78 N., R. 24 W., Sec. 20, NE SW NE SW SE
Well type:	Private well tracking system	Est loc ac:	nom. +/- 25m.
Depth:	15	C p date:	1/01/1991
Owner name:	Unknown		
Other info:	Status: Plugged Use: Monitoring		
Xcoord:	446484.18		
Ycoord:	4600029.1		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000060762

CA581
NW
2 - 3 Miles
Higher

IA WELLS **IAPW10000023098**

Wellnmbr:	2093343	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	20
Qqqqq:	NE SW NE SW SE	Elev:	0
Elev acc:	Not Reported	Well depth:	15
Br depth:	-99	Wtr depth:	10
Latn:	41.5502		
Longn:	-93.6416		
Dte done:	01/01/1994	Cty num:	0
County:	Polk		

Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	unknown		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	446491.52		
Ycoord:	4600036.13		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000023098

CA582
NW
2 - 3 Miles
Higher

IA WELLS **IAPW10000023099**

Wellnmbr:	2093343	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	20
Qqqqq:	NE SW NE SW SE	Elev:	0
Elev acc:	Not Reported	Well depth:	15
Br depth:	-99	Wtr depth:	10
Latn:	41.5502		
Longn:	-93.6416		
Dte done:	01/01/1994	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	unknown		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	446491.52		
Ycoord:	4600036.13		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000023099

CA583
NW
2 - 3 Miles
Higher

IA WELLS **IAPW10000023095**

Wellnmbr:	2093341	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	20
Qqqqq:	NE SW NE SW SE	Elev:	0
Elev acc:	Not Reported	Well depth:	15
Br depth:	-99	Wtr depth:	8
Latn:	41.5502		
Longn:	-93.6417		
Dte done:	01/01/1991	Cty num:	0
County:	Polk		

Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	unknown		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	446483.18		
Ycoord:	4600036.19		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000023095

CA584
NW
2 - 3 Miles
Higher

IA WELLS **IAPW10000023094**

Wellnmbr:	2093341	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	20
Qqqqq:	NE SW NE SW SE	Elev:	0
Elev acc:	Not Reported	Well depth:	15
Br depth:	-99	Wtr depth:	8
Latn:	41.5502		
Longn:	-93.6417		
Dte done:	01/01/1991	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	unknown		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	446483.18		
Ycoord:	4600036.19		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000023094

CA585
NW
2 - 3 Miles
Higher

IA WELLS **IAPU10000060767**

Mapid:	233993		
Wellid:	2093340	Id src fld:	wellnmbr
Datasrc:	PWTS	Location:	T. 78 N., R. 24 W., Sec. 20, NE SW NE SW SE
Well type:	Private well tracking system	Est loc ac:	nom. +/- 25m.
Depth:	14	C p date:	1/01/1991
Owner name:	Unknown		
Other info:	Status: Plugged Use: Monitoring		
Xcoord:	446471.84		
Ycoord:	4600033.2		
Hlink:	Not Reported		

Disperse:	1	Site id:	IAPU10000060767

CA586
NW
2 - 3 Miles
Higher

IA WELLS **IAPW10000023090**

Wellnmbr:	2093340	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	20
Qqqqq:	NE SW NE SW SE	Elev:	0
Elev acc:	Not Reported	Well depth:	14
Br depth:	-99	Wtr depth:	8
Latn:	41.5502		
Longn:	-93.6418		
Dte done:	01/01/1991	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	unknown		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	11	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	446474.84		
Ycoord:	4600036.25		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000023090

CA587
NW
2 - 3 Miles
Higher

IA WELLS **IAPW10000023091**

Wellnmbr:	2093340	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	20
Qqqqq:	NE SW NE SW SE	Elev:	0
Elev acc:	Not Reported	Well depth:	14
Br depth:	-99	Wtr depth:	8
Latn:	41.5502		
Longn:	-93.6418		
Dte done:	01/01/1991	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	unknown		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	11	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	446474.84		

Ycoord:	4600036.25		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000023091

CC588
SSW
2 - 3 Miles
Higher

IA WELLS **IAPW10000020083**

Wellnmbr:	2115478	Pmtnmbr:	21588
Twp:	77	Rge:	24
Ew:	W	Sec:	17
Qqqqq:	NE NE NW NE SW	Elev:	0
Elev acc:	Not Reported	Well depth:	160
Br depth:	-99	Wtr depth:	-99
Latn:	41.4825		
Longn:	-93.6393		
Dte done:	01/24/2006	Cty num:	0
County:	Warren		
Drlr name:	Deemer, Scott		
Drlr cmpy:	Morrell Heating & Cooling		
Owner name:	Henry, Steve		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Heat pump	Status:	Active
Ht pmp no:	5	Permit:	X
Plugging:	Not Reported	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	446627.75		
Ycoord:	4592518.63		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000020083

CC589
SSW
2 - 3 Miles
Higher

IA WELLS **IAPW10000020084**

Wellnmbr:	2115478	Pmtnmbr:	21588
Twp:	77	Rge:	24
Ew:	W	Sec:	17
Qqqqq:	NE NE NW NE SW	Elev:	0
Elev acc:	Not Reported	Well depth:	160
Br depth:	-99	Wtr depth:	-99
Latn:	41.4825		
Longn:	-93.6393		
Dte done:	01/24/2006	Cty num:	0
County:	Warren		
Drlr name:	Deemer, Scott		
Drlr cmpy:	Morrell Heating & Cooling		
Owner name:	Henry, Steve		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Heat pump	Status:	Active
Ht pmp no:	5	Permit:	X
Plugging:	Not Reported	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	446627.75		

Ycoord:	4592518.63		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000020084

CC590
SSW
2 - 3 Miles
Higher

IA WELLS **IAPU10000053333**

Mapid:	242443		
Wellid:	2115478	Id src fld:	wellnmbr
Datasrc:	PWTS	Location:	T. 77 N., R. 24 W., Sec. 17, NE NE NW NE SW
Well type:	Private well tracking system	Est loc ac:	nom. +/- 25m.
Depth:	160	C p date:	1/24/2006
Owner name:	Henry, Steve		
Other info:	Status: Active Use: Heat pump		
Xcoord:	446620.75		
Ycoord:	4592522.6		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000053333

CA591
NW
2 - 3 Miles
Higher

IA WELLS **IAPU10000060771**

Mapid:	233979		
Wellid:	2093338	Id src fld:	wellnmbr
Datasrc:	PWTS	Location:	T. 78 N., R. 24 W., Sec. 20, NE SW NE SW SE
Well type:	Private well tracking system	Est loc ac:	nom. +/- 25m.
Depth:	25	C p date:	1/01/1991
Owner name:	Unknown		
Other info:	Status: Plugged Use: Monitoring		
Xcoord:	446475.5		
Ycoord:	4600040.3		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000060771

CA592
NW
2 - 3 Miles
Higher

IA WELLS **IAPW10000023082**

Wellnmbr:	2093338	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	20
Qqqqq:	NE SW NE SW SE	Elev:	0
Elev acc:	Not Reported	Well depth:	25
Br depth:	-99	Wtr depth:	14
Latn:	41.5502		
Longn:	-93.6419		
Dte done:	01/01/1991	Cty num:	0
County:	Polk		

Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	unknown		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	11	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	446466.5		
Ycoord:	4600036.31		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000023082

CA593
NW
2 - 3 Miles
Higher

IA WELLS **IAPW10000023081**

Wellnmbr:	2093338	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	20
Qqqqq:	NE SW NE SW SE	Elev:	0
Elev acc:	Not Reported	Well depth:	25
Br depth:	-99	Wtr depth:	14
Latn:	41.5502		
Longn:	-93.6419		
Dte done:	01/01/1991	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	unknown		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	11	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	446466.5		
Ycoord:	4600036.31		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000023081

CD594
NW
2 - 3 Miles
Higher

IA WELLS **IAPU10000060612**

Mapid:	234159		
Wellid:	2111837	Id src fld:	wellnmbr
Datasrc:	PWTS	Location:	T. 78 N., R. 24 W., Sec. 20, NW SE SE SE SE
Well type:	Private well tracking system	Est loc ac:	nom. +/- 25m.
Depth:	15	C p date:	6/10/2000
Owner name:	Unknown		
Other info:	Status: Plugged Use: Monitoring		
Xcoord:	446195.14		
Ycoord:	4599831.4		
Hlink:	Not Reported		

Disperse:	1	Site id:	IAPU10000060612

CD595
NW
2 - 3 Miles
Higher

IA WELLS **IAPW10000022989**

Wellnmbr:	2111834	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	20
Qqqqq:	NW SE SE SE SE	Elev:	0
Elev acc:	Not Reported	Well depth:	12
Br depth:	-99	Wtr depth:	-99
Latn:	41.5483		
Longn:	-93.6452		
Dte done:	06/10/2000	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Not Reported		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	446189.71		
Ycoord:	4599827.42		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000022989

CD596
NW
2 - 3 Miles
Higher

IA WELLS **IAPW10000022990**

Wellnmbr:	2111834	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	20
Qqqqq:	NW SE SE SE SE	Elev:	0
Elev acc:	Not Reported	Well depth:	12
Br depth:	-99	Wtr depth:	-99
Latn:	41.5483		
Longn:	-93.6452		
Dte done:	06/10/2000	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Not Reported		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	446189.71		

Ycoord:	4599827.42		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000022990

CD597
NW
2 - 3 Miles
Higher

IA WELLS **IAPW10000022991**

Wellnmbr:	2111837	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	20
Qqqqq:	NW SE SE SE SE	Elev:	0
Elev acc:	Not Reported	Well depth:	15
Br depth:	-99	Wtr depth:	7
Latn:	41.5484		
Longn:	-93.6451		
Dte done:	06/10/2000	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Not Reported		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	446198.14		
Ycoord:	4599838.46		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000022991

CD598
NW
2 - 3 Miles
Higher

IA WELLS **IAPW10000022992**

Wellnmbr:	2111839	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	20
Qqqqq:	NW SE SE SE SE	Elev:	0
Elev acc:	Not Reported	Well depth:	13
Br depth:	-99	Wtr depth:	-99
Latn:	41.5484		
Longn:	-93.6451		
Dte done:	06/10/2000	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Not Reported		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	446198.14		

Ycoord:	4599838.46		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000022992

CD599
NW
2 - 3 Miles
Higher

IA WELLS **IAPW10000022993**

Wellnmbr:	2111837	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	20
Qqqqq:	NW SE SE SE SE	Elev:	0
Elev acc:	Not Reported	Well depth:	15
Br depth:	-99	Wtr depth:	7
Latn:	41.5484		
Longn:	-93.6451		
Dte done:	06/10/2000	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Not Reported		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	446198.14		
Ycoord:	4599838.46		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000022993

CD600
NW
2 - 3 Miles
Higher

IA WELLS **IAPW10000022994**

Wellnmbr:	2111839	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	20
Qqqqq:	NW SE SE SE SE	Elev:	0
Elev acc:	Not Reported	Well depth:	13
Br depth:	-99	Wtr depth:	-99
Latn:	41.5484		
Longn:	-93.6451		
Dte done:	06/10/2000	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Not Reported		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	446198.14		

Ycoord:	4599838.46		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000022994

CD601
NW
2 - 3 Miles
Higher

IA WELLS **IAPU10000060617**

Mapid:	234154		
Wellid:	2111834	Id src fld:	wellnmbr
Datasrc:	PWTS	Location:	T. 78 N., R. 24 W., Sec. 20, NW SE SE SE SE
Well type:	Private well tracking system	Est loc ac:	nom. +/- 25m.
Depth:	12	C p date:	6/10/2000
Owner name:	Unknown		
Other info:	Status: Plugged Use: Monitoring		
Xcoord:	446187.71		
Ycoord:	4599836.4		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000060617

CD602
NW
2 - 3 Miles
Higher

IA WELLS **IAPW10000023003**

Wellnmbr:	2111850	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	20
Qqqqq:	NW SE SE SE SE	Elev:	0
Elev acc:	Not Reported	Well depth:	13
Br depth:	-99	Wtr depth:	6
Latn:	41.5484		
Longn:	-93.6452		
Dte done:	06/10/2000	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Not Reported		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	446189.79		
Ycoord:	4599838.53		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000023003

CD603
NW
2 - 3 Miles
Higher

IA WELLS **IAPW10000023004**

Wellnmbr:	2111850	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	20
Qqqqq:	NW SE SE SE SE	Elev:	0
Elev acc:	Not Reported	Well depth:	13
Br depth:	-99	Wtr depth:	6
Latn:	41.5484		
Longn:	-93.6452		
Dte done:	06/10/2000	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Not Reported		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	446189.79		
Ycoord:	4599838.53		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000023004

CE604
ENE
2 - 3 Miles
Lower

IA WELLS **IAPU10000058896**

Mapid:	236155		
Wellid:	11228	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 25, SE, NE, NE
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 140m.
Depth:	unkn	C p date:	n.a.
Owner name:	Ryder Truck Rental Inc., Rider Truck Rental I		
Other info:	Well plugged: 5/3/1993; Well type: < 18" dia.		
Xcoord:	453336.19		
Ycoord:	4598025.5		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000058896

CD605
NW
2 - 3 Miles
Higher

IA WELLS **IAPU10000060633**

Mapid:	234137		
Wellid:	2111839	Id src fld:	wellnmbr
Datasrc:	PWTS	Location:	T. 78 N., R. 24 W., Sec. 20, NW SE SE SE SE
Well type:	Private well tracking system	Est loc ac:	nom. +/- 25m.
Depth:	13	C p date:	6/10/2000
Owner name:	Unknown		
Other info:	Status: Plugged Use: Monitoring		
Xcoord:	446193.14		
Ycoord:	4599848.4		
Hlink:	Not Reported		

Disperse:	1	Site id:	IAPU10000060633

CE606
ENE
2 - 3 Miles
Lower

IA WELLS **IAPU10000058894**

Mapid:	236159		
Wellid:	11229	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 25, SE, NE, NE
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 140m.
Depth:	unkn	C p date:	n.a.
Owner name:	Ryder Truck Rental Inc., Rider Truck Rental I		
Other info:	Well plugged: 5/3/1993; Well type: < 18" dia.		
Xcoord:	453340.19		
Ycoord:	4598023.5		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000058894

CD607
NW
2 - 3 Miles
Higher

IA WELLS **IAPU10000060626**

Mapid:	234141		
Wellid:	2111850	Id src fld:	wellnmbr
Datasrc:	PWTS	Location:	T. 78 N., R. 24 W., Sec. 20, NW SE SE SE SE
Well type:	Private well tracking system	Est loc ac:	nom. +/- 25m.
Depth:	13	C p date:	6/10/2000
Owner name:	Unknown		
Other info:	Status: Plugged Use: Monitoring		
Xcoord:	446183.79		
Ycoord:	4599845.5		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000060626

CD608
NW
2 - 3 Miles
Higher

IA WELLS **IAPU10000060623**

Mapid:	234149		
Wellid:	2111842	Id src fld:	wellnmbr
Datasrc:	PWTS	Location:	T. 78 N., R. 24 W., Sec. 20, NW SE SE SE SE
Well type:	Private well tracking system	Est loc ac:	nom. +/- 25m.
Depth:	15	C p date:	6/10/2000
Owner name:	Unknown		
Other info:	Status: Plugged Use: Monitoring		
Xcoord:	446177.11		
Ycoord:	4599840.6		
Hlink:	Not Reported		

Disperse:	1	Site id:	IAPU10000060623

CD609
NW
2 - 3 Miles
Higher

IA WELLS **IAPW10000022995**

Wellnmbr:	2111842	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	20
Qqqqq:	NW SE SE SE SE	Elev:	0
Elev acc:	Not Reported	Well depth:	15
Br depth:	-99	Wtr depth:	-99
Latn:	41.5484		
Longn:	-93.6454		
Dte done:	06/10/2000	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Not Reported		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	446173.11		
Ycoord:	4599838.65		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000022995

CD610
NW
2 - 3 Miles
Higher

IA WELLS **IAPW10000022996**

Wellnmbr:	2111842	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	20
Qqqqq:	NW SE SE SE SE	Elev:	0
Elev acc:	Not Reported	Well depth:	15
Br depth:	-99	Wtr depth:	-99
Latn:	41.5484		
Longn:	-93.6454		
Dte done:	06/10/2000	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Not Reported		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	446173.11		

Ycoord:	4599838.65		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000022996

CE611
ENE
2 - 3 Miles
Lower

IA WELLS **IAPU10000058897**

Mapid:	236156		
Wellid:	11227	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 25, SE, NE, NE
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 140m.
Depth:	unkn	C p date:	n.a.
Owner name:	Ryder Truck Rental, Ryder Truck Rental		
Other info:	Well plugged: 5/3/1993; Well type: < 18" dia.		
Xcoord:	453347.19		
Ycoord:	4598025.5		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000058897

CB612
NNE
2 - 3 Miles
Lower

IA WELLS **IAPU10000061468**

Mapid:	233403		
Wellid:	2103040	Id src fld:	wellnmbr
Datasrc:	PWTS	Location:	T. 78 N., R. 24 W., Sec. 14, SW SE SW SW SE
Well type:	Private well tracking system	Est loc ac:	nom. +/- 25m.
Depth:	40	C p date:	6/10/1980
Owner name:	Short, Ed		
Other info:	Status: Plugged Use: Household		
Xcoord:	450724.95		
Ycoord:	4600604.4		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000061468

CB613
NNE
2 - 3 Miles
Lower

IA WELLS **IAPW10000023352**

Wellnmbr:	2103040	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	14
Qqqqq:	SW SE SW SW SE	Elev:	0
Elev acc:	Not Reported	Well depth:	40
Br depth:	-99	Wtr depth:	36
Latn:	41.5556		
Longn:	-93.5909		
Dte done:	06/10/1980	Cty num:	0
County:	Polk		

Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Short, Ed		
Cnstr mthd:	Unknown		
Fm rmk:	Not Reported		
Well use:	Household	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	450723.95		
Ycoord:	4600605.47		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000023352

CB614
NNE
2 - 3 Miles
Lower

IA WELLS **IAPW10000023351**

Wellnmbr:	2103040	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	14
Qqqqq:	SW SE SW SW SE	Elev:	876
Elev acc:	10 m. DEM	Well depth:	40
Br depth:	-99	Wtr depth:	36
Latn:	41.5556		
Longn:	-93.5909		
Dte done:	06/10/1980	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Short, Ed		
Cnstr mthd:	Unknown		
Fm rmk:	Not Reported		
Well use:	Household	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	450723.95		
Ycoord:	4600605.47		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000023351

CD615
NW
2 - 3 Miles
Higher

IA WELLS **IAPW10000023010**

Wellnmbr:	2111843	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	20
Qqqqq:	NW SE SE SE SE	Elev:	0
Elev acc:	Not Reported	Well depth:	12
Br depth:	-99	Wtr depth:	5
Latn:	41.5485		
Longn:	-93.6454		
Dte done:	06/10/2000	Cty num:	0
County:	Polk		

Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Not Reported		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	446173.2		
Ycoord:	4599849.75		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000023010

CD616
NW
2 - 3 Miles
Higher

IA WELLS **IAPW10000023009**

Wellnmbr:	2111843	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	20
Qqqqq:	NW SE SE SE SE	Elev:	0
Elev acc:	Not Reported	Well depth:	12
Br depth:	-99	Wtr depth:	5
Latn:	41.5485		
Longn:	-93.6454		
Dte done:	06/10/2000	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Not Reported		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	446173.2		
Ycoord:	4599849.75		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000023009

CD617
NW
2 - 3 Miles
Higher

IA WELLS **IAPU10000060637**

Mapid:	234133		
Wellid:	2111843	Id src fld:	wellnmbr
Datasrc:	PWTS	Location:	T. 78 N., R. 24 W., Sec. 20, NW SE SE SE SE
Well type:	Private well tracking system	Est loc ac:	nom. +/- 25m.
Depth:	12	C p date:	6/10/2000
Owner name:	Unknown		
Other info:	Status: Plugged Use: Monitoring		
Xcoord:	446167.2		
Ycoord:	4599855.7		
Hlink:	Not Reported		

Disperse:	1	Site id:	IAPU10000060637

CD618
NW
2 - 3 Miles
Higher

IA WELLS **IAPW10000023019**

Wellnmbr:	2111845	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	20
Qqqqq:	NW SE SE SE SE	Elev:	0
Elev acc:	Not Reported	Well depth:	15
Br depth:	-99	Wtr depth:	8
Latn:	41.5486		
Longn:	-93.6454		
Dte done:	06/10/2000	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Not Reported		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	446173.28		
Ycoord:	4599860.85		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000023019

CD619
NW
2 - 3 Miles
Higher

IA WELLS **IAPW10000023020**

Wellnmbr:	2111845	Pmtnmbr:	Not Reported
Twp:	78	Rge:	24
Ew:	W	Sec:	20
Qqqqq:	NW SE SE SE SE	Elev:	0
Elev acc:	Not Reported	Well depth:	15
Br depth:	-99	Wtr depth:	8
Latn:	41.5486		
Longn:	-93.6454		
Dte done:	06/10/2000	Cty num:	0
County:	Polk		
Drlr name:	unknown		
Drlr cmpy:	unknown		
Owner name:	Not Reported		
Cnstr mthd:	Auger		
Fm rmk:	Not Reported		
Well use:	Monitoring	Status:	Plugged
Ht pmp no:	0	Permit:	Not Reported
Plugging:	X	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	446173.28		

Ycoord:	4599860.85		
Has litho:	0	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000023020

CD620
NW
2 - 3 Miles
Higher

IA WELLS **IAPU10000060649**

Mapid:	234120		
Wellid:	2111845	Id src fld:	wellnmbr
Datasrc:	PWTS	Location:	T. 78 N., R. 24 W., Sec. 20, NW SE SE SE SE
Well type:	Private well tracking system	Est loc ac:	nom. +/- 25m.
Depth:	15	C p date:	6/10/2000
Owner name:	Unknown		
Other info:	Status: Plugged Use: Monitoring		
Xcoord:	446171.28		
Ycoord:	4599868.8		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000060649

CC621
SSW
2 - 3 Miles
Higher

IA WELLS **IAPU10000053247**

Mapid:	242488		
Wellid:	61484	Id src fld:	wnumber
Datasrc:	GEOU	Location:	T. 77 N., R. 24 W., Sec. 17, NE, NE, NW
Well type:	IGS well database	Est loc ac:	Calc. +/- 140m.
Depth:	160	C p date:	1/24/2006
Owner name:	Henry, Steve		
Other info:	Bedrock depth 52 ft.		
Xcoord:	446635.12		
Ycoord:	4592452.5		
Hlink:	http://gsbdata.igsb.uiowa.edu/geosam/Scripts/geocard.asp?wnumber=61484		
Disperse:	1	Site id:	IAPU10000053247

CF622
WNW
2 - 3 Miles
Higher

IA WELLS **IAPU10000059618**

Mapid:	235328		
Wellid:	41380	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 30, NE, NE
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 285m.
Depth:	15	C p date:	n.a.
Owner name:	Texaco Refining & Mktg, Intl Aviation Sales		
Other info:	Well plugged: 5/19/2000; Well type: < 18" dia.		
Xcoord:	445202.31		
Ycoord:	4598814.5		
Hlink:	Not Reported		

Disperse:	1	Site id:	IAPU10000059618

CF623
WNW
2 - 3 Miles
Higher

IA WELLS **IAPU10000059626**

Mapid:	235316		
Wellid:	41382	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 30, NE, NE
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 285m.
Depth:	20	C p date:	n.a.
Owner name:	Texaco Refining & Mktg, Intl Aviation Sales		
Other info:	Well plugged: 5/19/2000; Well type: < 18" dia.		
Xcoord:	445205.31		
Ycoord:	4598819.5		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000059626

CF624
WNW
2 - 3 Miles
Higher

IA WELLS **IAPU10000059622**

Mapid:	235323		
Wellid:	41377	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 30, NE, NE
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 285m.
Depth:	15	C p date:	n.a.
Owner name:	Texaco Refining & Mktg, Intl Aviation Sales		
Other info:	Well plugged: 5/19/2000; Well type: < 18" dia.		
Xcoord:	445203.31		
Ycoord:	4598816.5		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000059622

CF625
WNW
2 - 3 Miles
Higher

IA WELLS **IAPU10000059616**

Mapid:	235335		
Wellid:	41379	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 30, NE, NE
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 285m.
Depth:	15	C p date:	n.a.
Owner name:	Texaco Refining & Mktg, Intl Aviation Sales		
Other info:	Well plugged: 5/19/2000; Well type: < 18" dia.		
Xcoord:	445195.31		
Ycoord:	4598811.5		
Hlink:	Not Reported		

Disperse:	1	Site id:	IAPU10000059616

CF626
WNW
2 - 3 Miles
Higher

IA WELLS **IAPU10000059617**

Mapid:	235327		
Wellid:	41381	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 30, NE, NE
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 285m.
Depth:	20	C p date:	n.a.
Owner name:	Texaco Refining & Mktg, Intl Aviation Sales		
Other info:	Well plugged: 5/19/2000; Well type: < 18" dia.		
Xcoord:	445196.31		
Ycoord:	4598814.5		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000059617

CF627
WNW
2 - 3 Miles
Higher

IA WELLS **IAPU10000059625**

Mapid:	235317		
Wellid:	41383	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 30, NE, NE
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 285m.
Depth:	20	C p date:	n.a.
Owner name:	Texaco Refining & Mktg, Intl Aviation Sales		
Other info:	Well plugged: 5/19/2000; Well type: < 18" dia.		
Xcoord:	445196.31		
Ycoord:	4598818.5		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000059625

CF628
WNW
2 - 3 Miles
Higher

IA WELLS **IAPU10000059623**

Mapid:	235319		
Wellid:	41378	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 30, NE, NE
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 285m.
Depth:	15	C p date:	n.a.
Owner name:	Texaco Refining & Mktg, Intl Aviation Sales		
Other info:	Well plugged: 5/19/2000; Well type: < 18" dia.		
Xcoord:	445195.31		
Ycoord:	4598817.5		
Hlink:	Not Reported		

Disperse:	1	Site id:	IAPU10000059623

629
SSW
2 - 3 Miles
Higher

FED USGS **USGS2594707**

Agency cd:	USGS	Site no:	412849093381001
Site name:	077N24W17AAAA 1953HOMER HENRY		
Latitude:	412849	EDR Site id:	USGS2594707
Longitude:	0933810	Dec lat:	41.48026816
Dec lon:	-93.63632913	Coor meth:	M
Coor accr:	U	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	19
State:	19	County:	181
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	938.00		
Altitude method:	Unknown		
Altitude accuracy:	Not Reported		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Lake Red Rock. Iowa. Area = 2400 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19530000
Date inventoried:	Not Reported	Mean greenwich time offset:	CST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	ST LOUIS LIMESTONE		
Well depth:	394	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1973-06-28
Water quality data end date:	1973-06-28	Water quality data count:	1
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

CF630
WNW
2 - 3 Miles
Higher

IA WELLS **IAPU10000059629**

Mapid:	235315		
Wellid:	41385	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 30, NE, NE
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 285m.
Depth:	20	C p date:	n.a.
Owner name:	Texaco Refining & Mktg, Intl Aviation Sales		
Other info:	Well plugged: 5/19/2000; Well type: < 18" dia.		
Xcoord:	445195.31		
Ycoord:	4598820.5		
Hlink:	Not Reported		

Disperse:	1	Site id:	IAPU10000059629

CF631
WNW
2 - 3 Miles
Higher

IA WELLS **IAPU10000059634**

Mapid:	235312		
Wellid:	41384	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 30, NE, NE
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 285m.
Depth:	20	C p date:	n.a.
Owner name:	Texaco Refining & Mktg, Intl Aviation Sales		
Other info:	Well plugged: 5/19/2000; Well type: < 18" dia.		
Xcoord:	445195.31		
Ycoord:	4598825.5		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000059634

CF632
WNW
2 - 3 Miles
Higher

IA WELLS **IAPU10000059635**

Mapid:	235310		
Wellid:	41386	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 30, NE, NE
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 285m.
Depth:	20	C p date:	n.a.
Owner name:	Texaco Refining & Mktg, Intl Aviation Sales		
Other info:	Well plugged: 5/19/2000; Well type: < 18" dia.		
Xcoord:	445192.31		
Ycoord:	4598826.5		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000059635

633
WNW
2 - 3 Miles
Higher

IA WELLS **IAPU10000059523**

Mapid:	235438		
Wellid:	45366	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 30, NE, NE, SW
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 140m.
Depth:	17	C p date:	n.a.
Owner name:	Iowa Air National Guard		
Other info:	Well plugged: 10/26/2000; Well type: < 18" dia.		
Xcoord:	445103.13		
Ycoord:	4598713.5		
Hlink:	Not Reported		

Disperse:	1	Site id:	IAPU10000059523

CG634
North
2 - 3 Miles
Higher

IA WELLS **IAPU10000061877**

Mapid:	232986		
Wellid:	2088974	Id src fld:	wellnmbr
Datasrc:	PWTS	Location:	T. 78 N., R. 24 W., Sec. 15, SE SW NE NW NW
Well type:	Private well tracking system	Est loc ac:	nom. +/- 25m.
Depth:	170	C p date:	4/20/2003
Owner name:	Unknown		
Other info:	Status: Active Use: Heat pump , Bedrock depth: 57		
Xcoord:	449646.68		
Ycoord:	4600966.1		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000061877

CG635
North
2 - 3 Miles
Higher

IA WELLS **IAPW10000023511**

Wellnmbr:	2088974	Pmtnmbr:	13425
Twp:	78	Rge:	24
Ew:	W	Sec:	15
Qqqqq:	SE SW NE NW NW	Elev:	0
Elev acc:	Not Reported	Well depth:	170
Br depth:	57	Wtr depth:	-99
Latn:	41.5588		
Longn:	-93.6038		
Dte done:	04/20/2003	Cty num:	0
County:	Polk		
Drlr name:	Morrell, Steven		
Drlr cmpy:	* Unknown		
Owner name:	unknown		
Cnstr mthd:	Rotary		
Fm rmk:	Not Reported		
Well use:	Heat pump	Status:	Active
Ht pmp no:	5	Permit:	X
Plugging:	Not Reported	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	449650.68		
Ycoord:	4600968.18		
Has litho:	1	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000023511

CG636
North
2 - 3 Miles
Higher

IA WELLS **IAPW10000023512**

Wellnmbr:	2088974	Pmtnmbr:	13425
Twp:	78	Rge:	24
Ew:	W	Sec:	15
Qqqqq:	SE SW NE NW NW	Elev:	0
Elev acc:	Not Reported	Well depth:	170
Br depth:	57	Wtr depth:	-99
Latn:	41.5588		
Longn:	-93.6038		
Dte done:	04/20/2003	Cty num:	0
County:	Polk		
Drlr name:	Morrell, Steven		
Drlr cmpy:	* Unknown		
Owner name:	unknown		
Cnstr mthd:	Rotary		
Fm rmk:	Not Reported		
Well use:	Heat pump	Status:	Active
Ht pmp no:	5	Permit:	X
Plugging:	Not Reported	Renovate:	Not Reported
Test:	Not Reported		
Xcoord:	449650.68		
Ycoord:	4600968.18		
Has litho:	1	Has prod:	0
Has wq:	0	Has constr:	0
Wnumber:	0	Site id:	IAPW10000023512

CH637
NW
2 - 3 Miles
Higher

IA WELLS **IAPU10000059967**

Mapid:	234928		
Wellid:	13378	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 19, SE, SE, SE
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 140m.
Depth:	15	C p date:	n.a.
Owner name:	Weaver, Robert		
Other info:	Well plugged: 10/21/1993; Well type: < 18" dia.		
Xcoord:	445311.03		
Ycoord:	4599114		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000059967

CH638
NW
2 - 3 Miles
Higher

IA WELLS **IAPU10000059959**

Mapid:	234944		
Wellid:	13379	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 19, SE, SE, SE
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 140m.
Depth:	15	C p date:	n.a.
Owner name:	Weaver, Robert		
Other info:	Well plugged: 10/20/1993; Well type: < 18" dia.		
Xcoord:	445308.03		
Ycoord:	4599111		
Hlink:	Not Reported		

Disperse:	1	Site id:	IAPU10000059959

CH639
NW
2 - 3 Miles
Higher

IA WELLS **IAPU10000059963**

Mapid:	234930		
Wellid:	13377	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 19, SE, SE, SE
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 140m.
Depth:	15	C p date:	n.a.
Owner name:	Weaver, Robert		
Other info:	Well plugged: 10/20/1993; Well type: < 18" dia.		
Xcoord:	445301.03		
Ycoord:	4599113		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000059963

CH640
NW
2 - 3 Miles
Higher

IA WELLS **IAPU10000059993**

Mapid:	234903		
Wellid:	13381	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 19, SE, SE, SE
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 140m.
Depth:	15	C p date:	n.a.
Owner name:	Weaver, Robert		
Other info:	Well plugged: 10/20/1993; Well type: < 18" dia.		
Xcoord:	445306.03		
Ycoord:	4599126		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000059993

CH641
NW
2 - 3 Miles
Higher

IA WELLS **IAPU10000059995**

Mapid:	234902		
Wellid:	13380	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 19, SE, SE, SE
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 140m.
Depth:	15	C p date:	n.a.
Owner name:	Weaver, Robert		
Other info:	Well plugged: 10/20/1993; Well type: < 18" dia.		
Xcoord:	445304.03		
Ycoord:	4599128		
Hlink:	Not Reported		

Disperse:	1	Site id:	IAPU10000059995

642
SSE
2 - 3 Miles
Higher

IA WELLS **IAPU10000052580**

Mapid:	243319		
Wellid:	29544	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 77 N., R. 24 W., Sec. 14, NW, SW, SE
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 140m.
Depth:	63	C p date:	n.a.
Owner name:	Tiedeman, Phil		
Other info:	Well plugged: 8/28/1997; Well type: > 18" dia.		
Xcoord:	450472.06		
Ycoord:	4591797.5		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000052580

CI643
WNW
2 - 3 Miles
Higher

IA WELLS **IAPU10000059744**

Mapid:	235139		
Wellid:	45370	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 30, NE, NE, NW
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 140m.
Depth:	5	C p date:	n.a.
Owner name:	Iowa Air National Guard		
Other info:	Well plugged: 10/26/2000; Well type: < 18" dia.		
Xcoord:	445102.03		
Ycoord:	4598921		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000059744

CI644
WNW
2 - 3 Miles
Higher

IA WELLS **IAPU10000059755**

Mapid:	235133		
Wellid:	45347	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 30, NE, NE, NW
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 140m.
Depth:	18	C p date:	n.a.
Owner name:	Iowa Air National Guard		
Other info:	Well plugged: 10/26/2000; Well type: < 18" dia.		
Xcoord:	445105.03		
Ycoord:	4598926		
Hlink:	Not Reported		

Disperse:	1	Site id:	IAPU10000059755

CI645
WNW
2 - 3 Miles
Higher

IA WELLS **IAPU10000059725**

Mapid:	235152		
Wellid:	45348	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 30, NE, NE, NW
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 140m.
Depth:	18	C p date:	n.a.
Owner name:	Iowa Air National Guard		
Other info:	Well plugged: 10/26/2000; Well type: < 18" dia.		
Xcoord:	445096.03		
Ycoord:	4598913		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000059725

CI646
WNW
2 - 3 Miles
Higher

IA WELLS **IAPU10000059737**

Mapid:	235142		
Wellid:	45349	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 30, NE, NE, NW
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 140m.
Depth:	18	C p date:	n.a.
Owner name:	Iowa Air National Guard		
Other info:	Well plugged: 10/26/2000; Well type: < 18" dia.		
Xcoord:	445097.03		
Ycoord:	4598919		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000059737

CI647
WNW
2 - 3 Miles
Higher

IA WELLS **IAPU10000059732**

Mapid:	235144		
Wellid:	45350	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 30, NE, NE, NW
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 140m.
Depth:	18	C p date:	n.a.
Owner name:	Iowa Air National Guard		
Other info:	Well plugged: 10/26/2000; Well type: < 18" dia.		
Xcoord:	445095.03		
Ycoord:	4598918		
Hlink:	Not Reported		

Disperse:	1	Site id:	IAPU10000059732

CI648
WNW
2 - 3 Miles
Higher

IA WELLS **IAPU10000059754**

Mapid:	235132		
Wellid:	45426	Id src fld:	recordno
Datasrc:	PLUG	Location:	T. 78 N., R. 24 W., Sec. 30, NE, NE, NW
Well type:	Registered abandoned wells	Est loc ac:	Calc. +/- 140m.
Depth:	15	C p date:	n.a.
Owner name:	Iowa Air National Guard		
Other info:	Well plugged: 10/26/2000; Well type: < 18" dia.		
Xcoord:	445098.03		
Ycoord:	4598926		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000059754

CJ649
SSW
2 - 3 Miles
Higher

IA WELLS **IAPU10000052730**

Mapid:	243152		
Wellid:	15827	Id src fld:	recordno
Datasrc:	PVTP	Location:	T. 77 N., R. 24 W., Sec. 16, NW, SW
Well type:	Permitted private wells	Est loc ac:	Calc. +/- 285m.
Depth:	52	C p date:	unkn
Owner name:	Unkn		
Other info:	Primary use: Domestic/household		
Xcoord:	447143.84		
Ycoord:	4591943.5		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000052730

CJ650
SSW
2 - 3 Miles
Higher

IA WELLS **IAPR10000004520**

Recordno:	15827	Twp:	77
N s:	N	Rge:	24
E w:	W	Sec:	16
Qqqqq:	NW SW	Q abc:	BC
Permit:	1413	App role:	U
Appfirst:	DONALD	Applast:	TAYLOR
Appaddr:	1234 CARPENTER #5	Appcity:	CARLISLE
Appst:	IA	Appzip:	50047
Appphone:	5152855148	Ownerfirst:	Not Reported
Ownerlast:	Not Reported	Owneraddr:	Not Reported

Ownercity:	Not Reported	Ownerst:	Not Reported
Ownerzip:	Not Reported	Ownerphone:	Not Reported
County:	91	Status:	P
Legal:	SWNW16 7724W	Depth:	52
Appdate:	09/21/1989	Prmtdate:	09/27/1989
Use1:	2	Use2:	Not Reported
Contname:	HUFF, LARRY	Contid:	Not Reported
Welldrlr:	Not Reported	Certnum:	40030
Constguess:	Not Reported	Const:	09/01/1991
E1use1:	2	E1use2:	Not Reported
E1dpth:	0	E1legal:	SWNW16 7724W
E1const:	Not Reported	E1status:	1
E2use1:	Not Reported	E2use2:	Not Reported
E2dpth:	0	E2legal:	Not Reported
E2const:	Not Reported	E2status:	Not Reported
E3use1:	Not Reported	E3use2:	Not Reported
E3dpth:	0	E3legal:	Not Reported
E3const:	Not Reported	E3status:	Not Reported
Agentfirst:	Not Reported	Agentlast:	Not Reported
Created:	Not Reported	Checked:	bbierma 02/27/97 09:31:04
Updated:	bbierma 02/27/97 09:31:04	Prm recs:	0
Well p:	0	Well e:	0
Utm x:	447137.84		
Utm y:	4591944.5		
Site id:	IAPR10000004520		

CK651
WSW
2 - 3 Miles
Higher

IA WELLS **IAPU10000054774**

Mapid:	240656		
Wellid:	20304	Id src fld:	recordno
Datasrc:	TEST	Location:	T. 77 N., R. 24 W., Sec. 7, NE, NW, NE
Well type:	Wells registered for testing	Est loc ac:	Calc. +/- 140m.
Depth:	48	C p date:	1970
Owner name:	Hyde, Donald & Andrea		
Other info:	Drilling method: Bored;		
Xcoord:	444852.31		
Ycoord:	4594083.5		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000054774

CL652
West
2 - 3 Miles
Higher

IA WELLS **IAPR10000004984**

Recordno:	14639	Twp:	78
N s:	N	Rge:	24
E w:	W	Sec:	31
Qqqqq:	NW NE	Q abc:	BA
Permit:	1328	App role:	U
Appfirst:	DENNIS	Applast:	NARLAND
Appaddr:	3700 ARMY POST RD	Appcity:	DES MOINES
Appst:	IA	Appzip:	50321
Appphone:	0	Ownerfirst:	Not Reported
Ownerlast:	Not Reported	Owneraddr:	Not Reported

Ownercity:	Not Reported	Ownerst:	Not Reported
Ownerzip:	Not Reported	Ownerphone:	Not Reported
County:	77	Status:	P
Legal:	NENW31 7824W	Depth:	50
Appdate:	06/30/1992	Prmtdate:	06/30/1992
Use1:	2	Use2:	Not Reported
Contname:	BANKS, ROGER	Contid:	Not Reported
Welldrlr:	Not Reported	Certnum:	40105
Constguess:	Not Reported	Const:	09/01/1991
E1use1:	2	E1use2:	Not Reported
E1dpth:	0	E1legal:	NENW31 7824W
E1const:	Not Reported	E1status:	1
E2use1:	4	E2use2:	Not Reported
E2dpth:	0	E2legal:	NENW31 7824W
E2const:	Not Reported	E2status:	1
E3use1:	Not Reported	E3use2:	Not Reported
E3dpth:	0	E3legal:	Not Reported
E3const:	Not Reported	E3status:	Not Reported
Agentfirst:	Bobby	Agentlast:	Baker
Created:	Not Reported	Checked:	Not Reported
Updated:	Not Reported	Prm recs:	0
Well p:	0	Well e:	0
Utm x:	444376.53		
Utm y:	4597230		
Site id:	IAPR10000004984		

CK653
WSW
2 - 3 Miles
Higher

IA WELLS **IAPU10000054772**

Mapid:	240658		
Wellid:	20307	Id src fld:	recordno
Datasrc:	TEST	Location:	T. 77 N., R. 24 W., Sec. 7, NE, NW, NE
Well type:	Wells registered for testing	Est loc ac:	Calc. +/- 140m.
Depth:	48	C p date:	1970
Owner name:	Hyde, Donald & Andrea		
Other info:	Drilling method: Bored;		
Xcoord:	444844.31		
Ycoord:	4594082.5		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000054772

CL654
West
2 - 3 Miles
Higher

IA WELLS **IAPU10000058109**

Mapid:	237163		
Wellid:	14639	Id src fld:	recordno
Datasrc:	PVTP	Location:	T. 78 N., R. 24 W., Sec. 31, NW, NE
Well type:	Permitted private wells	Est loc ac:	Calc. +/- 285m.
Depth:	50	C p date:	unkn
Owner name:	Unkn		
Other info:	Primary use: Domestic/household		
Xcoord:	444371.53		
Ycoord:	4597226		
Hlink:	Not Reported		

Disperse:	1	Site id:	IAPU10000058109

CK655
WSW
2 - 3 Miles
Higher

IA WELLS **IAPU10000054766**

Mapid:	240670		
Wellid:	26844	Id src fld:	recordno
Datasrc:	TEST	Location:	T. 77 N., R. 24 W., Sec. 7, NE, NW, NE
Well type:	Wells registered for testing	Est loc ac:	Calc. +/- 140m.
Depth:	48	C p date:	1970
Owner name:	Hyde, Donald & Andrea		
Other info:	Drilling method: Bored;		
Xcoord:	444845.31		
Ycoord:	4594075.5		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000054766

CK656
WSW
2 - 3 Miles
Higher

IA WELLS **IAPU10000054779**

Mapid:	240649		
Wellid:	20308	Id src fld:	recordno
Datasrc:	TEST	Location:	T. 77 N., R. 24 W., Sec. 7, NE, NW, NE
Well type:	Wells registered for testing	Est loc ac:	Calc. +/- 140m.
Depth:	48	C p date:	1970
Owner name:	Hyde, Donald & Andrea		
Other info:	Drilling method: Bored;		
Xcoord:	444838.31		
Ycoord:	4594088.5		
Hlink:	Not Reported		
Disperse:	1	Site id:	IAPU10000054779

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: IA Radon

Radon Test Results

Zip	Min pCi/L	Max	Avg	# sites	# sites<4pCi/L	# sites>=4	# sites>=10	# sites>=20	# sites>=50	# sites>=100
50315	0.1	74	7.3	581	235	346	155	33	1	0

Federal EPA Radon Zone for POLK County: 1

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 50315

Number of sites tested: 7

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	5.200 pCi/L	0%	100%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	13.586 pCi/L	0%	71%	29%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Scanned Digital USGS 7.5' Topographic Map (DRG)
Source: United States Geologic Survey
A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2009 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

HYDROGEOLOGIC INFORMATION

AQUIFLOW^{R} Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Services
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

All Known Water Wells in the State of Iowa
Source: Department of Natural Resources
Telephone: 319-335-1353
Well types included are agricultural drainage, permitted private, public, registered abandoned, SDWIS public, water use permit sites, wells registered for testing.

Permitted Private Wells
Source: Department of Natural Resources
Telephone: 319-335-1353
This is a point coverage for private wells for which permits have been issued since 1987. Most permits were recorded in counties which are in the state drinking water program.

Private Well Tracking System Wells
Source: Department of Natural Resources
Telephone: 319-335-1353

OTHER STATE DATABASE INFORMATION

RADON

State Database: IA Radon
Source: Department of Public Health
Telephone: 515-281-4340
Radon Test Results

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

STREET AND ADDRESS INFORMATION

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Ft. Des Moines
Ft. Des Moines
Des Moines, IA 50315

Inquiry Number: 2888241.17
October 11, 2010

The EDR Aerial Photo Decade Package

EDR® Environmental Data Resources Inc

440 Wheelers Farms Road
Milford, CT 06461
800.352.0050
www.edrnet.com

EDR Aerial Photo Decade Package

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

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Date EDR Searched Historical Sources:

Aerial Photography October 11, 2010

Target Property:

Ft. Des Moines

Des Moines, IA 50315

Year	***Scale***	***Details***	***Source***
1938	Aerial Photograph. Scale: 1"=600'	Flight Year: 1938 Best Copy Available from original source	USDA
1950	Aerial Photograph. Scale: 1"=600'	Flight Year: 1950	USDA
1967	Aerial Photograph. Scale: 1"=600'	Flight Year: 1967	USDA
1994	Aerial Photograph. Scale: 1"=600'	Flight Year: 1994	USGS
2006	Aerial Photograph. Scale: 1"=604'	Flight Year: 2006	EDR

INQUIRY #: 2888241.17
YEAR: 1938
= 600'
N

INQUIRY #: 2888241.17
YEAR: 1950
= 600'
N

INQUIRY #: 2888241.17
YEAR: 1967
= 600'
N

INQUIRY #: 2888241.17

YEAR: 1994

= 600'

N

INQUIRY #: 2888241.17

YEAR: 2006

N

= 604'

Ft. Des Moines
Ft. Des Moines
Des Moines, IA 50315

Inquiry Number: 2888241.16
October 07, 2010

EDR Historical Topographic Map Report

EDR® Environmental Data Resources Inc

440 Wheelers Farms Road
Milford, CT 06461
800.352.0050
www.edrnet.com

EDR Historical Topographic Map Report

Environmental Data Resources, Inc.s (EDR) Historical Topographic Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topographic Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the early 1900s.

Thank you for your business.
Please contact EDR at 1-800-352-0050
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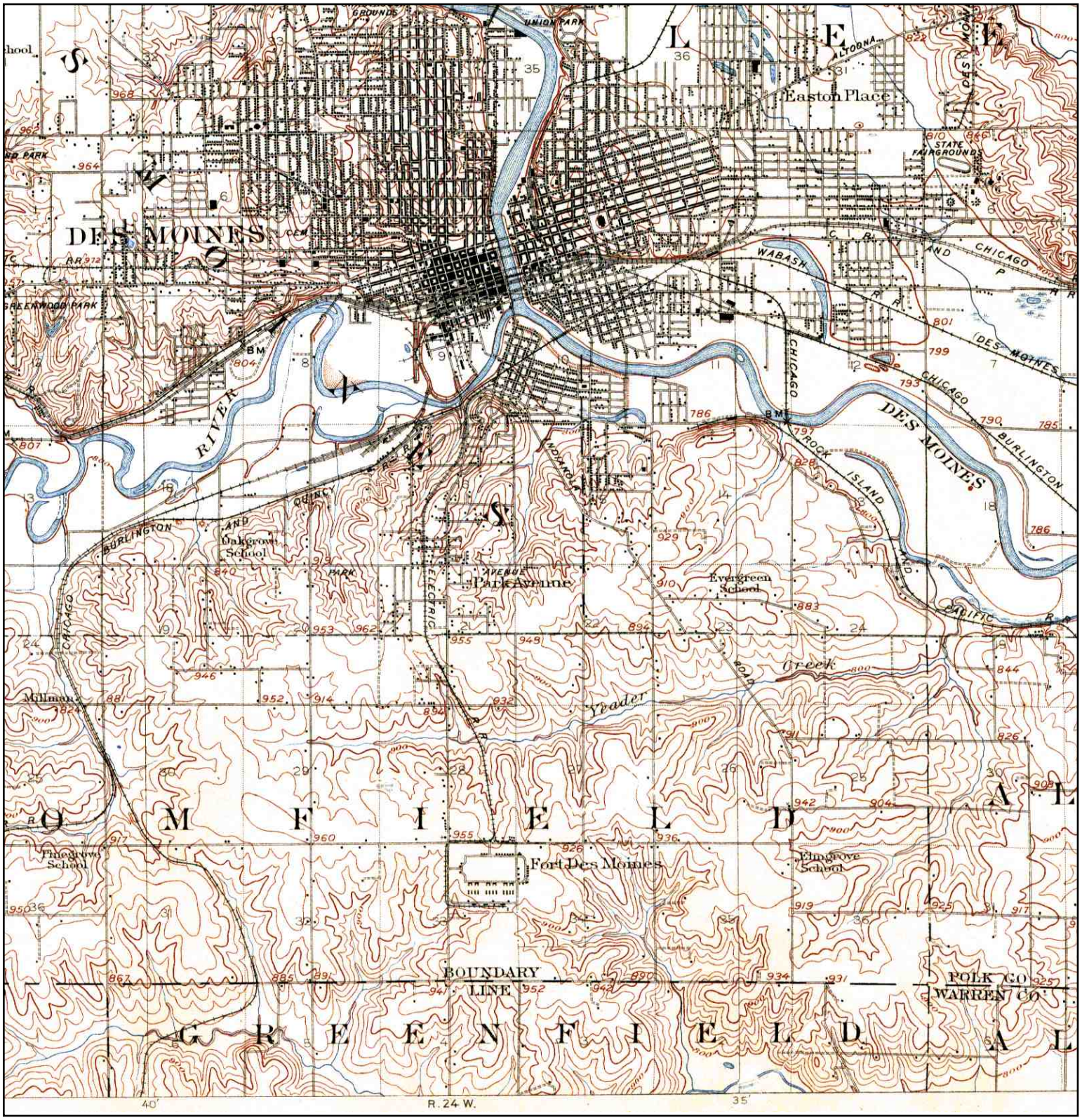
Historical Topographic Map



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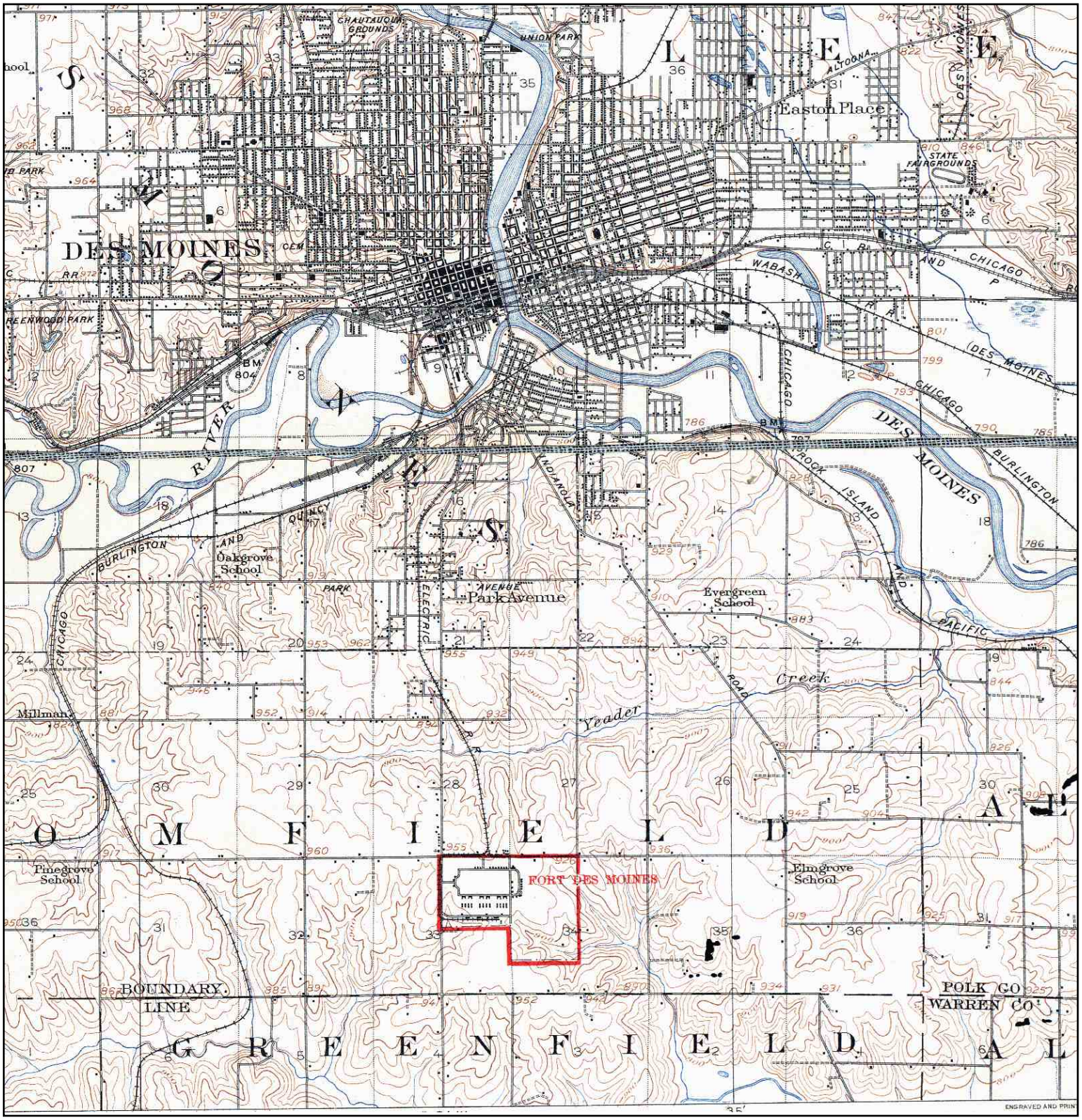
Historical Topographic Map



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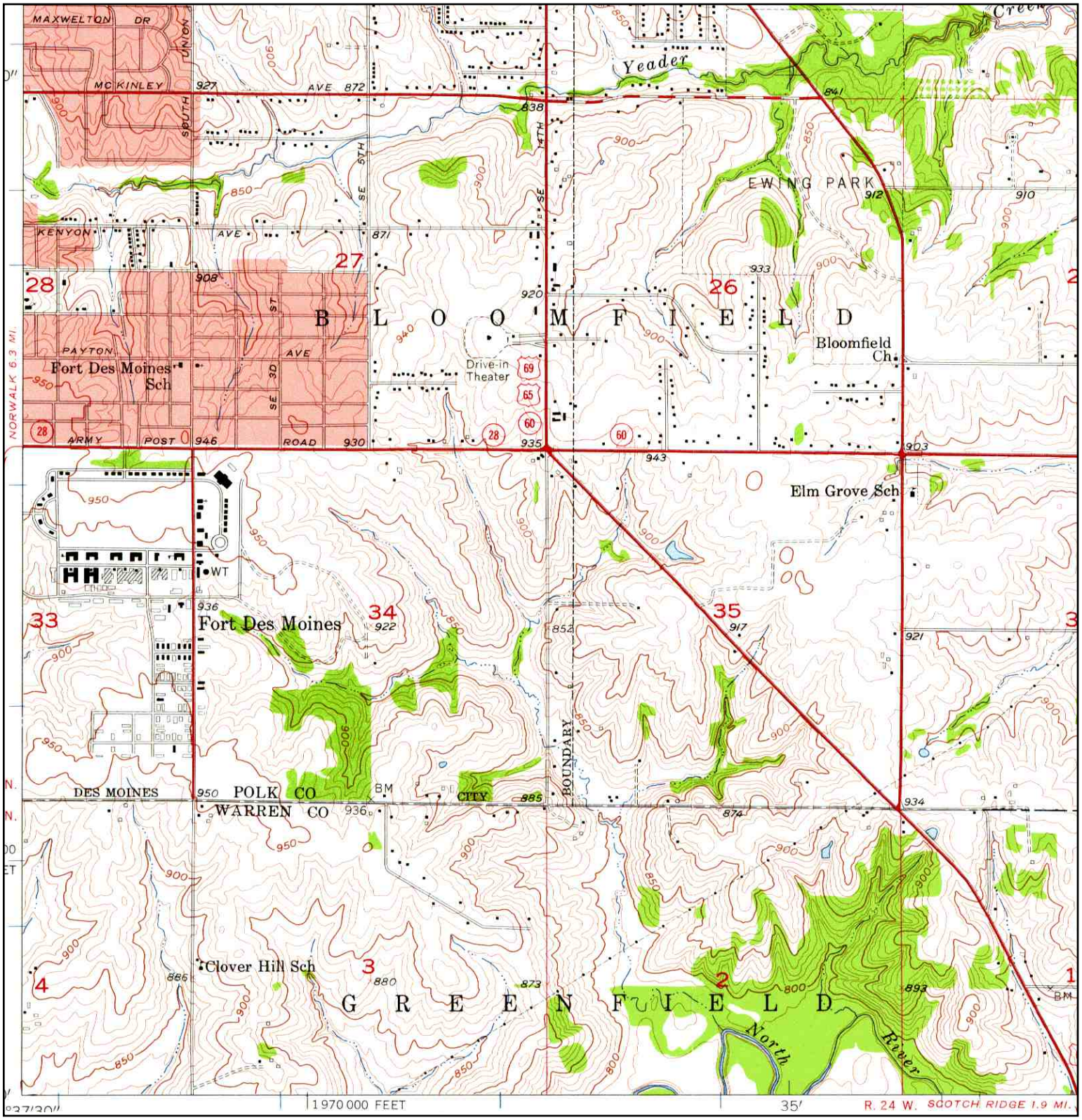

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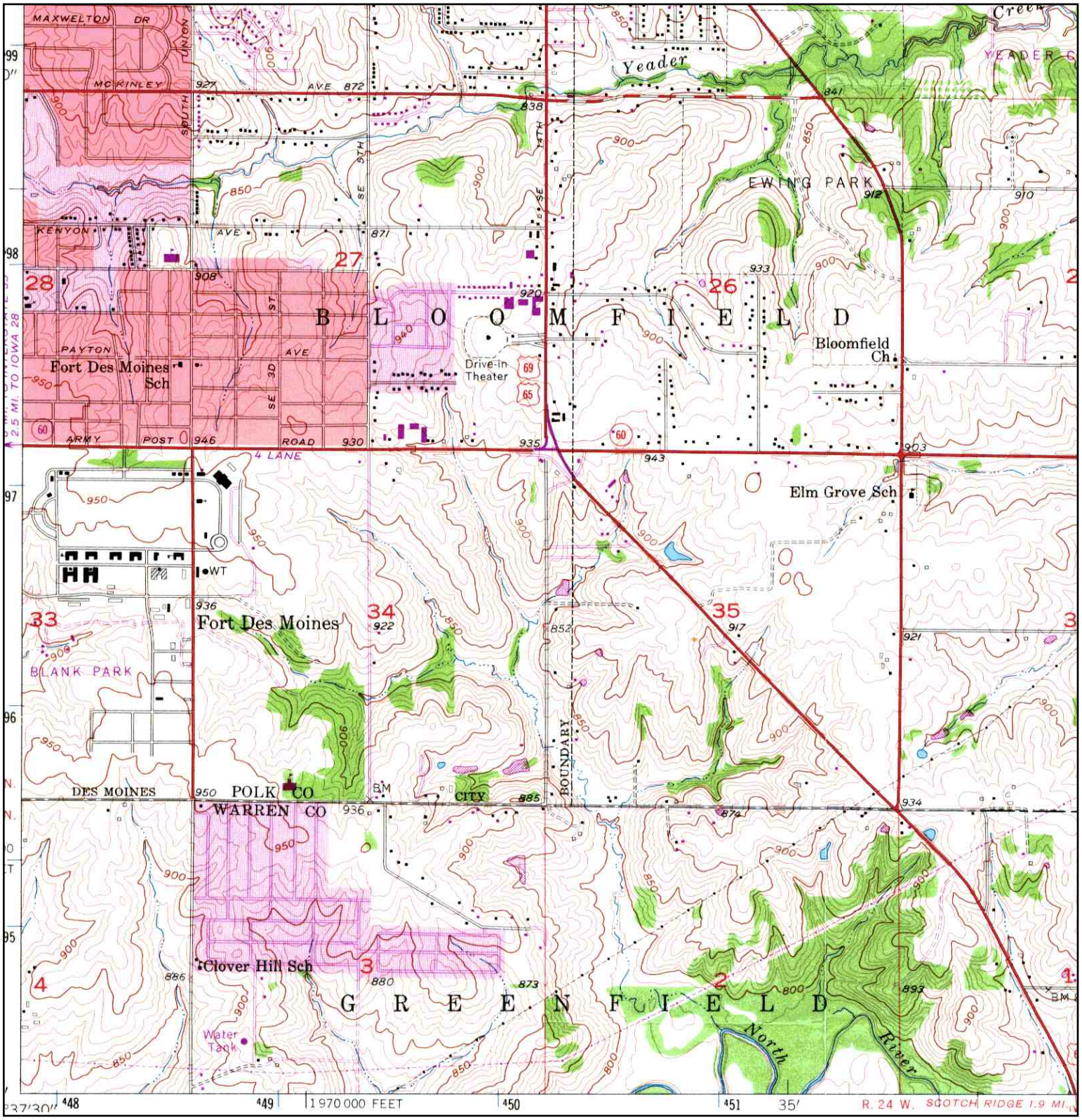

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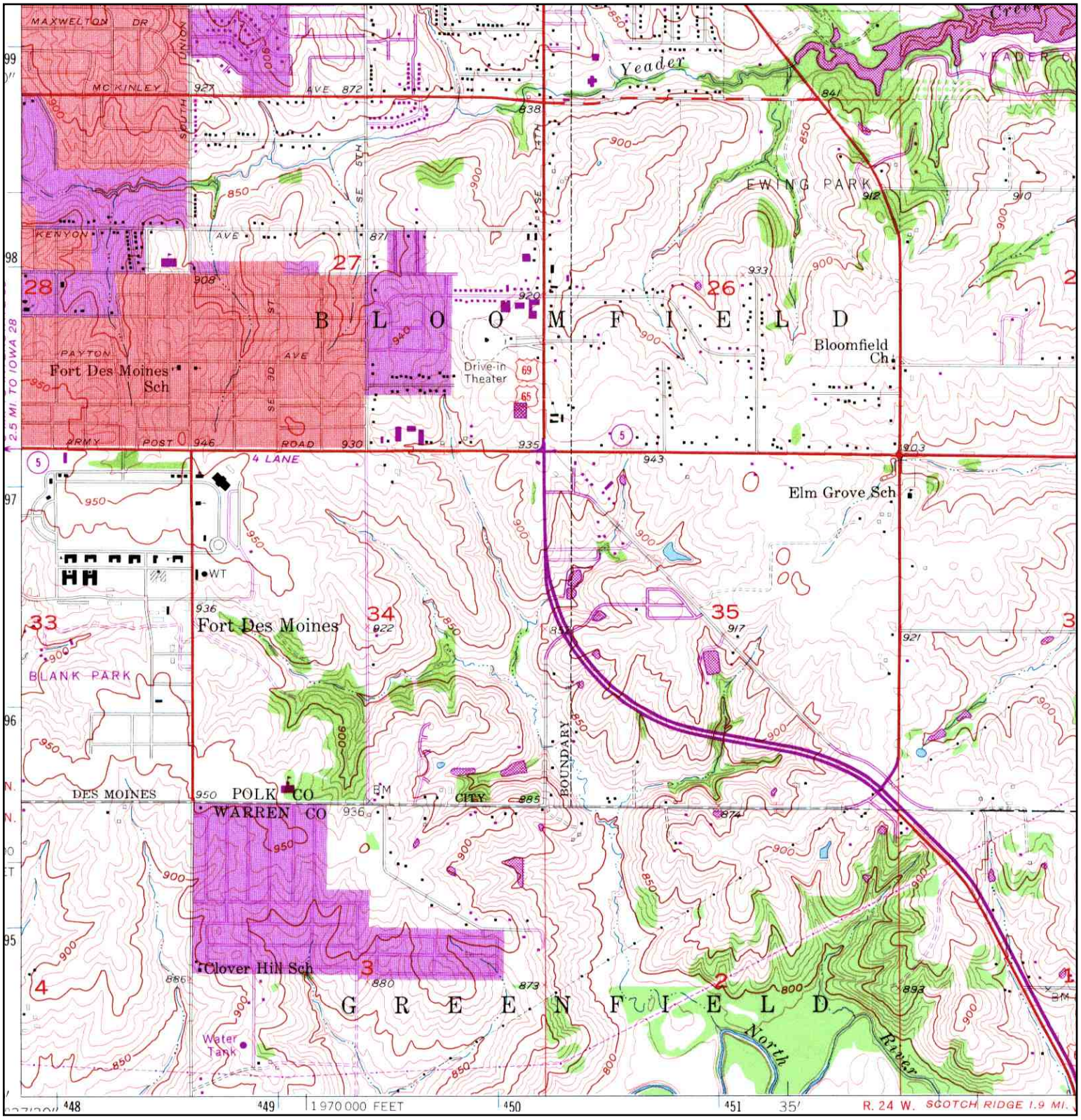
Historical Topographic Map



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	MAP YEAR: 1971	Des Moines, IA 50315	INQUIRY#: 2888241.16
	PHOTOREVISED:1956	LAT/LONG: 41.517 / -93.61	RESEARCH DATE: 10/07/2010
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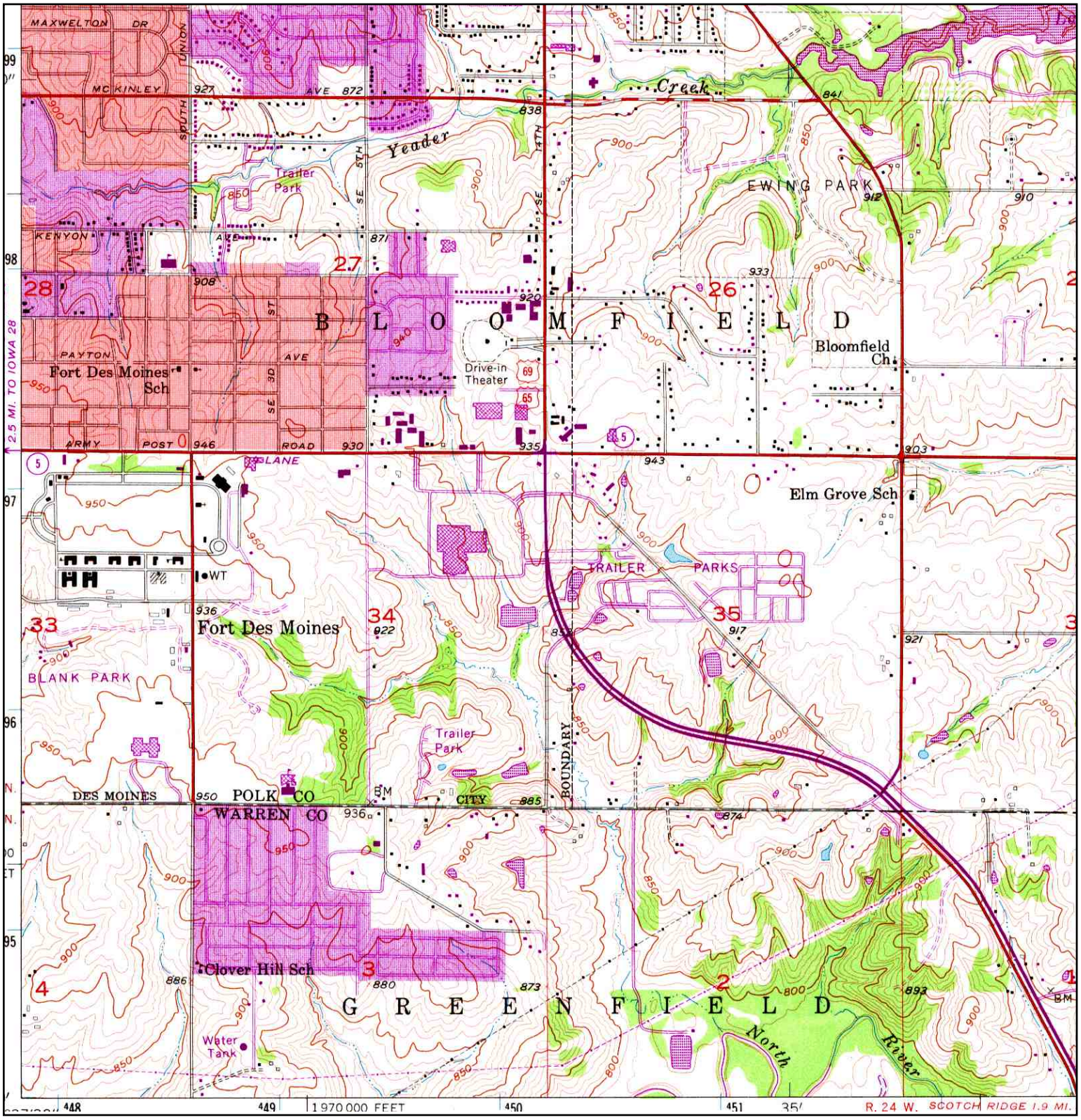

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Ft. Des Moines
Ft. Des Moines
Des Moines, IA 50315

Inquiry Number: 2888241.15
October 06, 2010

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EDR Inquiry # 2888241.15

Client Name:
Shaw Environmental &
7604 Technology Way
Denver, CO 80237

Contact: Matt Mireiter

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Address: Ft. Des Moines
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Cross Street:
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Project: 177703000
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Appendix L-1

Characterization of Background Distributions for Selected Elements in Surface Soil
Fort Des Moines Pistol Range, Iowa

1.0 Introduction

This appendix describes the methodology that was used to characterize the background distributions of selected elements in surface soil for the Pistol Range Munitions Response Site at the Fort Des Moines Formerly Used Defense Site, located in Polk County, Iowa. Ten background surface soil samples (0 to 0.17 foot below ground surface) were collected in June 2011 from areas believed to be uninfluenced by site-related contamination, and they were submitted to an off-site laboratory for analysis of aluminum, antimony, calcium, copper, iron, lead, magnesium, manganese, and zinc.

U.S. Environmental Protection Agency (EPA) guidance was used to evaluate distributional assumptions and characterize the distributions. The completed background data set can be used in site-to-background comparisons to identify constituents of concern at the Fort Des Moines Pistol Range and to determine the nature and extent of site-related contamination. In addition, the background data may be used to support human health and ecological risk assessments and proposals for no further action; develop realistic remediation goals; and evaluate the success of remediation efforts.

2.0 Methodology for the Characterization of Background Distributions

Background concentrations of naturally occurring metals form a distribution of values over a given spatial area. The characterization of background can be defined as the process of describing the statistical distributions of concentration values from samples obtained at representative locations. The statistical methodology used to characterize background distributions at Fort Des Moines Pistol Range is based on published EPA guidance (EPA, 1989, 1992, 1994, 1995, and 2006). Key issues in background characterization include the handling of nondetects, handling of outliers, evaluation of distributional assumptions, and calculation of summary statistics. The following sections explain how these key issues were addressed.

Handling of Nondetects. A certain proportion of nondetect values is common in background data sets. A variety of methods to deal with nondetects have been proposed, each of which has advantages and disadvantages with respect to introducing unwanted bias into the description of background. In accordance with EPA guidance, nondetects are replaced with a value equal to one-half the reporting limit for that analyte (EPA, 1989, 2006).

Handling of Outliers. Outliers are defined as data points whose values are anomalously high or low relative to the rest of the data set (EPA, 1989, 2006). Possible reasons for outliers are improper sampling, analytical error, or laboratory contamination; errors in transcription of data values, decimal points, or units; the presence of actual contamination in the sample; or a natural background concentration that is unusually high. For each element, the concentration data were rank-ordered and the maximum value was flagged if it was greater than five times the second-highest value (EPA, 1989). Samples flagged as outliers were further examined via geochemical evaluation to determine whether there is a natural source for their elevated concentrations. Statistical or geochemical outliers were only eliminated from consideration if there were reasons to suspect errors in the data or contamination in the sample.

Evaluation of Distributional Assumptions. The shape of the distribution, considered to be either normal, lognormal, or nonparametric, is reported as part of the characterization (the term "nonparametric" is not a specific shape, but is used to describe distributions that are neither normal nor lognormal, as per EPA guidance). The selection of an appropriate type of statistical distribution is based on EPA guidance (EPA, 1989, 1992, and 2006).

The EPA recommends the Shapiro-Wilk test for determining whether the distribution of concentration data is normal, lognormal, or neither (EPA, 1992 and 2006). The test is performed on the untransformed data to test for normality. Lognormality is tested by taking the logarithm (log-transform) of the data and then testing for normality. The test returns a "*p*-level" value between zero and one, indicating the goodness of fit. A *p*-level of 0.05 or greater indicates an acceptable fit to a normal model at the 95 percent confidence level; in other words, there is only a one-in-twenty chance of falsely identifying the distribution as normal when it really is not. If the transformed and untransformed data both yield *p*-levels that are greater than 0.05, then the result with the highest *p*-level is used to determine if the distribution is normal or lognormal. If the Shapiro-Wilk test indicates that a data set is neither normal nor lognormal at this confidence level, then the data are assumed to have a nonparametric distribution. Data sets with greater than 15 percent nondetects are automatically treated as nonparametric distributions as per EPA guidance (EPA, 1989).

Calculation of Summary Statistics. A complete statistical description of each background distribution is provided in Section 3.0. These descriptions include the number of samples, percent nondetects, distribution type (normal, lognormal, or nonparametric), minimum, median, geometric mean, arithmetic mean, maximum, and a concentration that is representative of the upper range of the background distribution for use as a background screening value. The standard deviation and coefficient of variation (standard deviation divided by the mean) are also provided; they are both measures of the variance of the distributions.

It is important to select the background screening value carefully so that the probability of falsely identifying site samples as contaminated or uncontaminated is minimized. Ideally, a site sample with a concentration above the screening value would have a low probability of being a member of the background distribution, and may be an indicator of contamination. The 95^{th} upper tolerance limit (UTL) is recommended as a screening value for normally or lognormally distributed analytes, and the 95^{th} percentile is recommended as a screening value for nonparametrically distributed analytes (EPA, 1989, 1992, and 1994).

The UTL establishes a concentration range that is constructed to contain a specified proportion of the population with a specified confidence. The proportion of the population included is referred to as the "coverage," and the probability with which the tolerance interval includes the proportion is referred to as the "tolerance coefficient." The EPA-recommended coverage of 95 percent and tolerance coefficient of 95 percent (EPA, 1989) were used to calculate the UTLs. A coverage of 95 percent means that random uncontaminated site samples will exceed the screening value less than 5 percent of the time. A tolerance coefficient of 95 percent means that one has a 95 percent confidence that the 95^{th} UTL will contain at least 95 percent of the background distribution. Site samples with concentrations above the background 95^{th} UTL (or 95^{th} percentile) are not necessarily contaminated, but they should be considered suspect. The background 95^{th} UTLs were calculated in accordance with EPA, 1989 (UTL = mean + $K \cdot$ standard deviation), where K is a tolerance factor that is a function of n, the desired coverage (95 percent), and the desired confidence level (95 percent). For lognormal distributions, the equation is applied to the log-transformed data, and the antilog of the result is used as the UTL.

The complete descriptions of background distributions that are provided in Section 3.0 are sufficient to allow the calculation of most statistical parameters (such as the standard error of

the mean, two standard deviations above the mean, etc.). The descriptions can also be used to support site-to-background data set comparisons. There are two general types of statistical site-to-background comparisons. Parametric comparisons, such as the ANOVA (analysis of variance) and the two-sample *t* test, require the means and standard deviations of the distributions that are being compared. Nonparametric comparison tests, such as the Wilcoxon rank sum test and the Gehan test, require the actual data rather than summary statistics. For these purposes, the actual data are also provided in Appendix F.

3.0 Background Distributions of Selected Elements in Surface Soil

As noted above, the Fort Des Moines Pistol Range background surface soil data were subjected to an outlier test to identify potentially anomalous concentrations. Statistical outliers were not identified among the nine elements considered in the background study. Accordingly, all of the analytical results were used for purposes of background characterization, with one exception. The maximum zinc concentration of 186 milligrams per kilogram (mg/kg) (sample NWO-177-5004), while not meeting the statistical outlier criterion as described in Section 2.0, is elevated relative to the other zinc concentrations (45.4 to 74.7 mg/kg). This zinc concentration is higher than expected, based on its corresponding major element (aluminum, calcium, iron, magnesium, and manganese) concentrations. The zinc-versus-major-element ratios of sample NWO-177-5004 are anomalously high relative to those of the other background samples and, given the available data, a natural source for the elevated zinc could not be determined. The zinc concentration was therefore excluded from the background data set.

The nine elements were detected in all of the background samples. The distributions of aluminum, copper, and manganese were determined to be normal; and the distributions of antimony, calcium, lead, magnesium, and zinc were determined to be lognormal. Parametric 95th UTLs were calculated as background screening values for these eight elements. The iron distribution was characterized as nonparametric, due to failure of the normality/lognormality test. Accordingly, the 95th percentile is provided as the background screening value for iron.

It is important to note that the calculated background 95th UTLs (for the normally and lognormally distributed analytes) exceed their corresponding maximum detected concentrations (Table 1). This is appropriate due to the small sample size (n = 9 or 10) and naturally large range of element concentrations. Under these conditions, it is not reasonable to assume that the limited number of samples have accurately characterized the upper tail of

the actual population. As discussed in Section 2.0, the UTL is calculated from a fit to the data, and is thus able to extrapolate the upper tail of the population based on the existing data.

Of the nine elements analyzed in the background samples, iron and aluminum have the highest median concentrations (Table 1). Iron in the samples is most likely present as iron oxides, which are common soil-forming minerals that occur as discrete mineral grains or as coatings on silicate minerals (Cornell and Schwertmann, 2003). Aluminum is a primary component of common soil-forming minerals such as clays, feldspars, and micas. Aluminum also substitutes for ferric iron in iron oxide minerals, and it can adsorb on iron oxide surfaces (Cornell and Schwertmann, 2003).

Clays and iron oxides are fine-grained minerals that have strong affinities to adsorb specific trace elements. Finer-grained soil samples are therefore expected to contain naturally higher concentrations of aluminum, iron, and associated trace elements, relative to coarser-grained soil samples. If site samples are obtained from finer-grained soils relative to the background locations, then natural exceedances of the background screening values are expected.

4.0 References

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U.S. Environmental Protection Agency (EPA), 2006, ***Data Quality Assessment: Statistical Methods for Practitioners***, EPA/240/B-06/003, Office of Environmental Information, February.

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U.S. Environmental Protection Agency (EPA), 1992, ***Statistical Analysis of Ground-Water Monitoring Data at RCRA Facilities, Addendum to Interim Final Guidance***, Environmental Statistics and Information Division, Office of Policy, Planning, and Evaluation, EPA/530/R-93/003, July.

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Table 1

Background Summary Statistics for Selected Elements in Surface Soil
(concentrations in mg/kg)
Fort Des Moines Pistol Range, Iowa

Element	No. of Samples	Percent Nondetects	Distribution Type	Minimum	Median	Geometric Mean	Arithmetic Mean	Maximum	Standard Deviation	Coefficient of Variation	Background Screening Value
Aluminum	10	0	Normal	8,640	11,750	11,600	11,700	13,600	1,430	0.12	15,800
Antimony	10	0	Lognormal	0.0215	0.0271	0.0307	0.0323	0.0577	0.0116	0.36	0.0790
Calcium	10	0	Lognormal	2,750	5,475	6,550	9,330	37,300	10,500	1.13	65,450
Copper	10	0	Normal	11.9	17.1	16.2	16.5	21.0	2.79	0.17	24.6
Iron	10	0	Nonparametric	12,700	15,750	16,500	17,000	30,200	4,880	0.29	24,500
Lead	10	0	Lognormal	12.0	19.9	20.8	21.7	34.7	7.06	0.33	50.8
Magnesium	10	0	Lognormal	1,980	2,915	2,790	2,840	4,000	590	0.21	5,130
Manganese	10	0	Normal	576	910	878	898	1,200	194	0.22	1,460
Zinc	9	0	Lognormal	45.4	61.7	59.0	59.8	74.7	9.9	0.17	99.2

Notes: 95th UTLs are provided for analytes with normal or lognormal distributions. 95th percentiles are provided for analytes with distributions that are neither normal nor lognormal, or that have greater than 15 percent nondetects (per EPA, 1989).

mg/kg - Milligrams per kilogram.

UTL - Upper tolerance limit.

APPENDIX L-2

Screening-Level Ecological Risk Assessment
Fort Des Moines, Iowa
Pistol Range MRS

1.0 Introduction

The Fort Des Moines Formerly Used Defense Site (FUDS) lies within the Dissected Till Plains section of the Central Lowland Province (U.S. Geological Survey, 2004), and includes eroded flat to rolling terrain that slopes gently towards the Missouri and Mississippi River Valleys. Elevations at the FUDS range from approximately 950 ft above mean sea level (AMSL) in portions of the northwestern and southwestern areas to approximately 850 ft AMSL at the intermittent creek located southeast of the lake in the southeastern portion of the FUDS.

The southeastern quadrant of the FUDS is developed as a county park—the Fort Des Moines Park. The park contains open grassy areas and densely wooded land surrounding an approximately 13-acre lake. Elevations at the Pistol Range Munitions Response Site (MRS) range from approximately 915 ft AMSL in the northwestern portion near the earthen salvage wall to approximately 875 ft AMSL in the southeastern portion near the former firing line. The MRS is located in plant communities described as early successional mixed forest and shrubland/woodland (Rosburg, 2007). These areas have a thick understory of shrubs and vines and can be almost impenetrable. Since the closure of the range around 1970, an emergent wetland has developed on the former range floor with erect, rooted hydrophytic plants such as cattails, bulrushes, sedges, perennial forbs, and grasses.

The FUDS is positioned between the confluence of the Des Moines River and the Raccoon River located approximately 4 miles to the north and the North River located approximately 1.5 miles to the southeast. Unnamed intermittent creeks drain the FUDS from the south into Middle Creek, which joins the North River approximately 2 miles south of the site (U.S. Department of Agriculture, 1999).

The Pistol Range MRS is located approximately 150 ft northeast of a manmade lake. The lake is approximately 13 acres in size, about 30 ft deep at its greatest depth, and averages 15 ft in depth. According to the Polk County Conservation Board, the lake was constructed in 1976 during renovation of the property into a county park. According to the U.S. Fish and Wildlife Service (USFWS) National Wetlands Inventory online map, the unnamed lake is classified as a freshwater pond (USFWS, 2010a).

The Pistol Range MRS does not contain intermittent or perennial streams; however, a small wetland has developed near the base of the earthen salvage wall and extends throughout much of the former range floor. The wetland has not been mapped as part of the USFWS National Wetlands Inventory.

As observed during the site visit performed during the TPP meeting in November 2010, and during the SI field activities in June 2011, the wetland appeared to be seasonally flooded at the very least and may be permanently flooded throughout the year. It is quite likely that when surface water is absent, the water table will be at or very near the surface. It is possible that some surface runoff from the MRS range floor could occur (particularly during periods of seasonal flooding) with drainage to the southeast, towards an unnamed intermittent creek located near the southeastern border of the FUDS. The intermittent creek flows through a culvert beneath SE 5th Street and meanders in a generally southeasterly fashion where it empties into the North River located approximately 1.5 miles to the southeast.

The following list of federally endangered and threatened species that occur within Polk County, Iowa, was obtained from the USFWS website (USFWS, 2010b):

Federal Status	Common Name	Scientific Name	Habitat
Endangered	Indiana Bat	*Myotis sodalis*	Caves, mines, small stream corridors with well developed riparian woods, and upland forests.
Endangered	Least Tern	*Sterna antillarum*	Bare alluvial and dredged island soil.
Threatened	Prairie Bush Clover	*Lespedeza leptostachya*	Dry to mesic prairies with gravelly soil.
Threatened	Western Prairie Fringed Orchid	*Platanthera praeclara*	Wet prairies and sage meadows.

The Indiana bat's summer habitat includes forested areas near permanent bodies of water. Although the Pistol Range MRS contains preferred summer habitat for the Indiana bat, there have been no reported sightings.

The Iowa Department of Natural Resources (IDNR) lists 31 species (15 plants, 5 birds, 4 reptiles, 3 fish, 2 mammals, and 2 insects) that occur in Polk County and are on the threatened and endangered list (IDNR, 2011). In a letter dated June 28, 2010, Shaw also requested an environmental review of natural resources from the IDNR Conservation and Recreation Division. The IDNR response states, "The Department has searched for records of rare species and significant natural communities in the project area and found no site-specific records that would be impacted by this project. However, these records and data are not the result of thorough field surveys. If listed species or rare communities are found during the planning or construction phases, additional studies and/or mitigation may be required" (IDNR, 2010).

According to a Natural Resources Specialist with the Polk County Conservation Board, one of the State of Iowa threatened species, the Oval Ladies-tresses (*Spiranthes ovalis*) a perennial forb, may have potential habitat within the Fort Des Moines Park (Polk County Conservation Board, 2010).

An inventory of existing plant communities present within the Fort Des Moines Park was prepared in July 2007 by a professor of biology at Drake University (Rosburg, 2007). A total of 222 plant species were observed during the survey. One Iowa State special concern plant species was encountered in small numbers in a few populations in the Fort Des Moines Park. Bush's sedge (*Carex bushii*) was identified approximately 300 ft north of the MRS. The plant community survey did not identify the Oval Ladies-tresses. A small emergent wetland (located on the MRS) was mapped during the survey (Rosburg, 2007).

This wetland apparently developed upon the former small arms range floor since the range closed circa 1970. The wetland extends from the former target area located near the base of the earthen salvage wall towards the former firing line area. The emergent wetland qualifies the MRS as an Important Ecological Place (IEP) or Sensitive Environment as defined by the U.S. Army Corps of Engineers (USACE, 2006) or U.S. Environmental Protection Agency (EPA, 1997), respectively.

The former Fort Des Moines is currently used as a reserve center (under control of the federal government), the Des Moines police academy, the A.H. Blank City Park (which includes a golf course and a zoo), and the Polk County Conservation Board's Fort Des Moines Park. Other uses include Studebaker Elementary School and McCombs Middle School, Somerset Apartments, and commercial/retail development.

The MRS is located on land zoned in an agricultural district, currently owned by Polk County, and managed by the Polk County Conservation Board (which renovated the parcel into the Fort Des Moines Park in the 1970s). The Fort Des Moines Park provides outdoor recreation, conservation education, and long-term protection of Polk County's natural heritage and is managed for recreational, educational, and ecological purposes. The lake is used for boating (canoeing, kayaking, and electric motors only) and fishing; swimming is not permitted (Fort Des Moines Park, 2011). The Pistol Range MRS is located near a nature trail and the lake. Future land use for the MRS is expected to remain as a county park; however, future park improvements are possible.

According to the *Screening-Level Ecological Risk Assessment* (SLERA) *Guidance for FUDS MMRP* (Military Munitions Response Program) *Site Inspections* (USACE, 2006), only MRSs that are considered to be IEPs or are to be managed for ecological purposes actually require a SLERA. Based on the information presented previously, the Pistol Range MRS qualifies as an IEP (Table 2-2, SI Report) because a wetland is present and the land is managed for ecological purposes (i.e., one of Fort Des Moines Park goals is long-term protection of Polk County's natural heritage, and the park is also managed for recreational, educational and ecological purposes).

Therefore, a SLERA was performed for the MRS. First, the current and reasonable future habitat at the site was evaluated to determine if any ecological receptors are likely to be present and

whether there are any complete exposure pathways. Based on the habitat and species information provided, current and expected future land use clearly suggests that ecological receptors are using, and will continue to use, the Pistol Range MRS.

As chemicals of potential ecological concern were detected in soil, sediment, and surface water and adequate habitat exists, complete exposure pathways are present. Because ecological receptors are present at the Pistol Range MRS and there are complete exposure pathways, further SLERA evaluation is necessary.

2.0 Soil Screening Assessment for Ecological Receptors

Detected concentrations of chemicals in soil were compared with site-specific background concentrations and Ecological Screening Levels (ESLs) (Table 4-1, SI Report) for the Pistol Range. These soil samples were collected from 0-0.17 feet below ground surface (bgs). None of the parameter sample results exceeded both the background concentrations and the ESLs. Therefore, no further evaluation is necessary.

3.0 Sediment Screening Assessment for Ecological Receptors

Detected concentrations of chemicals in sediment were compared with site-specific background concentrations and ESLs (Table 4-2, SI Report) for the Pistol Range. These sediment samples were collected from 0-0.17 feet bgs. None of the parameter sample results exceeded both the background concentrations and the ESLs. Therefore, no further evaluation is necessary.

4.0 Surface Water Screening Assessment for Ecological Receptors

Detected concentrations of chemicals in surface water were compared with site-specific background concentrations and ESLs (Table 4-3, SI Report) for the Pistol Range. Surface water samples were collected from the wetland located on the former range floor in the former target area. During surface water sample collection, approximately 6 inches of standing water was present. Surface water was collected both as filtered and unfiltered fractions, as shown in Table 4-3 of the SI Report.

The total (unfiltered) lead results in one sample (NWO-177-2003) and its associated sample duplicate (7.97 and 9.11 micrograms per liter [µg/L], respectively) exceeded both the background total concentration (2.35 µg/L) and the total (unfiltered) ESL (3.0 µg/L). In addition, the dissolved (filtered) lead result in another sample (NWO-177-2001) (2.72 µg/L) exceeded both the background dissolved concentration (0.993 µg/L) and the dissolved (filtered) ESL (2.5 µg/L).

It is important to note that the dissolved (filtered) concentrations are considered the fraction that is bioavailable and more important for aquatic receptors (Suter et al., 2000). Dissolved chemical concentrations are more readily absorbed though the gills (and other permeable aquatic biota membranes), compared with chemicals adsorbed to particles in the water column. Chemicals adsorbed to particles would be much less bioavailable to aquatic life, as this form of chemical would not easily cross gill or membrane boundaries and therefore would not result in a biologically significant dose. In addition, the ESL exceedances discussed previously are based on ESLs for a default surface water hardness of 100 milligrams per liter (mg/L). However, the site-specific average water hardness in the three water samples collected from the MRS was 267 mg/L, as shown in the table below summarizing all field parameter measurements collected from the surface water samples:

Field Parameter Collected June 2011	Background Sample No. NWO-177-6001	MRS Sample No. NWO-177-2001	MRS Sample No. NWO-177-2002	MRS Sample No. NWO-177-2003	MRS Sample No. NWO-177-2004 (Field Duplicate - NWO-177-2003)	Average of 3 MRS Samples
Hardness (mg/L)	160	260	260	280	280	**267**
Turbidity (NTU)	26	2.72	5.58	73.8	73.8	27
Eh (mV)	10.5	26.4	62.6	35.1	35.1	41.4
pH (SU)	6.93	8.56	5.0	5.96	5.96	6.51
Conductivity (mS/cm)	0.216	0.575	0.445	0.41	0.41	0.48
Dissolved Oxygen (ppm)	6.93	12.92	9.26	6.64	6.64	9.61
Temperature ©	17.03	16.1	15.3	17.77	17.77	16.39

These data suggest that surface water at the MRS is relatively hard, and for metals such as lead, elevated hardness is associated with reduced aquatic toxicity. The site-specific hardness-dependent lead ESL would be 7.2 µg/L for the dissolved fraction, using the recommended equations from both EPA (2009) and IDNR (2007). Thus, the maximum detected dissolved concentration of lead (2.72 µg/L, filtered) does not exceed the site-specific (hardness-adjusted) ESL of 7.2 µg/L. Based on these considerations, further ecological evaluation is not required for surface water at the MRS.

5.0 Additional Ecological Issues

There is a potential concern for large lead particles, or lead shot, to be present at the Pistol Range MRS and therefore adversely impact certain species of birds that intentionally ingest grit to aid their digestion (Peddicord and LaKind, 2000). As soil samples were sieved prior to chemical analysis, there is the possibility that lead fragments were excluded from the analysis. To evaluate this avian concern for potential lead fragment toxicity, the following two questions are posed for the site:

1. Are gallinaceous birds (such as grouse, pheasants, turkeys, partridges, or domestic fowl) present, or likely to be present on site?
2. Are lead particles likely to be present in preferred grit sizes for a range of representative gallinaceous birds at the site, for example, for quail with a preferred grit size of 0.8 – 2.2 mm diameter or turkey with a preferred grit size of 2.8 – 4.2 mm diameter (Gionfriddo and Best, 1991)?

For question No. 1, it is possible that gallinaceous birds might be present on the MRS, based on the presence of terrestrial habitat for some of these types of birds.

For question No. 2, close visual examination during soil collection did not uncover evidence of lead fragments or lead shot at the site; nor did the analytical laboratory, performing sample sieving, report evidence of lead fragments or lead shot in the surface soil or sediment samples (Sisco, 2011).

As one of these questions can be answered in the negative, no further action for the site, related to lead fragments or lead shot and potential terrestrial bird toxicity, is recommended.

It should also be noted that a recent re-evaluation of the Peddicord and LaKind (2000) study suggests that incidental lead shot ingestion, as grit by birds, is less of a concern than originally thought, as ingestion of a few particles of lead shot by birds has been documented not to be overtly toxic (Tannenbaum, 2010).

6.0 Conclusions

Based on the findings of the SLERA performed for the Pistol Range MRS, further evaluation is not required for the surface water at the MRS, as adverse ecological impacts are not expected.

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BOTANICAL SURVEY FOR FORT DES MOINES COUNTY PARK

Prepared for Polk County Conservation Board

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July 6, 2007

Fort Des Moines Park is a 112-acre park located south of Des Moines on SE 5th Street south of Army Post Road (Figure 1). Its name commemorates its location on a portion of the historical, 640-acre Fort Des Moines, established in 1903 as a cavalry post and subsequently used as an officer training camp, Women's Army Auxiliary Corps (WAAC) training center, US Army Reserve Center, and landfill site until the 1960's. The park is a popular recreation area offering fishing in a 14-acre lake, two picnic shelters, a children's playground, an arboretum, and about a mile of hiking trails. Due to its heavy historical use and disturbance, much of the vegetation is in various secondary successional stages and is semi-natural at best. The park was acquired by the Polk County Conservation Board in 1972, thus most areas have experienced approximately 35 years of successional growth.

The objectives of this floristic survey were to map and inventory the extant plant communities within the park. The park was visited three times during the 2006 growing season (May 19, June 20, September 22) and two times during the first half of the 2007 growing season (May 28, July 3). Plant communities were identified and their boundaries delineated and refined on subsequent visits. Plant species lists were compiled for each community; plant species needing further study and verification were collected. In general nomenclature follows Eilers and Roosa (1994), with a few exceptions:

1. *Viola sororia* is used for the common blue violet, and as a synonym for several species split out in Eilers and Roosa (1994)
2. *Physalis longifolia* is recognized as a distinct species (Gleason and Cronquist 1991)
3. *Cornus racemosa* is used for gray dogwood, rather than *Cornus foemina* (van der Linden and Farrar 1993)

A floristic assessment for each community was done with several different indices. The simplest measure is the Native Richness Index, which is a ratio of the number of native species to non-native species. In order to obtain an index in the event that no non-native species are observed, a value of 1 is added to both numerator and denominator. Higher

values represent better quality insomuch as numbers of native and non-native species are concerned.

Another index used was Mean Native Conservatism, which utilizes the Iowa Coefficients of Conservatism (CC) to provide a quantitative assessment of the community's natural quality. The coefficients are designed to reflect a plant species requirement for pristine, natural environments, and range between 0 and 10 for native species (Drobney et al. 2000). Coefficients with higher values indicate more conservatism in habitat requirements. The index was determined for each community by calculating the mean CC for the native species in the community.

A third index employed provides a rough measure of how wet the community is, or more precisely the occurrence of plant species with high affinity for wetlands. The wetland status for each species as designated by the Fish and Wildlife Service for Region 3 was converted to a numeric value ranging between −5 (for obligate wetland species) to +5 for obligate upland species). The full range of possible status levels and their corresponding numerical values are given in Table 1. The Mean Wetland Status of the community was calculated using all the species present.

Table 1. Wetland status levels utilized for developing a wetland index.

Status	Occurrence in Wetlands within the Region	Numeric Value
Obligate wetland	more than 99% of the time	-5
Facultative wetland +	89-99% of the time	-4
Facultative wetland	78-88% of the time	-3
Facultative wetland −	67-77% of the time	-2
Facultative +	56-66% of the time	-1
Facultative	45-55% of the time	0
Facultative −	34-44% of the time	1
Facultative upland +	23-33% of the time	2
Facultative upland	12-22% of the time	3
Facultative upland −	1-11% of the time	4
Obligate Upland	less than 1% of the time	5

There were eight habitats mapped at Fort Des Moines (Table 2, Figure 2). Two of these, the developed parkland and lake, were not included in the floristic survey. The remaining six habitats represent the semi-natural plant communities and comprise 77% of the park's area. There was a total of 222 plant species observed (Table 3), including 173 native species and 49 non-native species (about 22% non-native). The proportion of exotic species is relatively high and indicative of the site's anthropogenic disturbance. More importantly, several of these non-native species (for example honeysuckle species, clover species, smooth brome, multiflora rose, reed canary grass, and bird's foot trefoil) have some very high population abundances, especially in the non-native grassland, shrub/woodland, and successional forest communities. Two of the species counted as non-native are native species in Iowa, but not in central Iowa. White pine and quaking aspen are native to northeastern Iowa and have either been planted (white pine) or have established through an escape from cultivation (quaking aspen) in the park. A third species, black locust, is native to the southeastern United States, but not Iowa. It too has escaped from cultivation to become a naturalized pest species.

One listed plant species was encountered. *Carex bushii* is listed as special concern in Iowa and was found in small numbers in a few populations (Figure 2). *Carex bushii* is a southern Iowa species that occurs on dry, often thin soil prairies and open woodlands.

Table 2. Habitats and communities mapped at Fort Des Moines Park.

Habitat	Acreage
Parkland	12.9
Lake	13.0
Non-native Grassland	8.5
Shrubland/Woodland	9.3
Early Successional Forest	41.1
Conifer Forest	0.2
Deciduous Forest	26.9
Wetland Marsh	0.2

This is the first record of it for Polk County. Other notable plant species observed include several with relatively high conservatism. These include downy brome (*Bromus pubescens*) in the deciduous forests, swamp oval sedge (*Carex muskingumensis*) in the lowland successional forest east of the lake, panicled tick trefoil (*Desmodium paniculatum*) in upland successional forest, and American vetch (*Vicia americana*) in the successional forest. The last two species are characteristic of prairie and open woodland and together with many other prairie species observed reflect the historic vegetation in the park. Government land office (GLO) surveys indicate the park was predominantly prairie at the time of settlement, with an area of forest in the southeast corner (Figure 3). Much of the extant forest (Figure 2) coincides with this area of historic forest and topographically with a ravine and its north and east slopes (Figure 4). There are many large bur oak (*Quercus macrocarpa*) trees in this area, which suggest that although mapped as a forest by the land surveyors, this area was probably oak woodland historically. Woodland restoration by Polk County Conservation resource managers is currently underway here.

Prairie plant species populations were best represented in the non-native grasslands, but some species were also present in the shrubland/woodland and in semi-open patches in the successional forest (Table 4, Figure 2). Altogether about 35 prairie and savanna species were observed throughout the park, which is somewhat surprising considering the level of disturbance and human use that has occurred here. A 1930 aerial photograph of the park reveals extensive disturbance over most of the park, excepting the ravine in the southeast corner where the extant bur oak forest now occurs (Figure 5). Coincidentally, the deciduous forest has the second highest native richness index and the highest mean native conservatism (Table 3). The small marsh has the highest native richness, although its mean native conservatism is relatively low. The occurrence of a marsh on the middle section of a gentle slope is unusual (Figure 4), but perhaps can be explained by a hillside seep. Water appears to be seeping out of the ground at the northwest side of the marsh at the bottom of a relatively steep section of the slope. Construction of the dam for the lake has perhaps impacted this area and could also be a factor affecting the seepage on this slope.

Table 4. Prairie species associated with groups mapped in Figure 2.

Prairie Species	Group						
	A	B	C	D	E	F	G
Big bluestem				P			
Black-eyed susan	P	P	P	P			P
Blue-eyed grass	P						
Butterfly milkweed			P		P		
False boneset					P		
Flowering spurge					P		
Fringed loosestrife	P						
Grey-headed coneflower		P	P	P			P
Heath aster		P			P		
Illinois tick treefoil						P	
Indian grass	P		P	P		P	
Pale gentian	P						
Partridge pea							P
Rosin weed				P			
Round-headed bush clover	P			P	P		
Switchgrass				P			
Tall dropseed	P				P		

The early successional forest and shrubland/woodland exhibit medium levels of native richness followed by the non-native grassland and conifer forest with the lowest native richness. The distinction between early successional forest and shrubland/woodland is somewhat arbitrary. These two communities probably represent different stages of the same basic community. The shrubland/woodland is likely an earlier seral stage of the successional forest. Both are generally extremely dense and difficult to traverse. For that reason, these two communities were the most difficult to survey and are the least thoroughly surveyed. Some sections of these communities were not observed, mainly for two reasons: 1) they were very dense and impenetrable, and 2) when such areas were surveyed, there were very few new species found (low return for high effort). Especially

dense shrubland areas don't provide enough light at the ground surface to support much in the way of an herbaceous layer. These two communities comprise over half (58%) of the semi-natural habitat in the park, and as indicated by the GLO survey (Figure 3) and by the remnant prairie plant populations found was originally prairie. From an ecological perspective however, their current structure and composition have marginal value for native biodiversity. Some sections of the successional forest, specifically those that have less dense shrub layers, undoubtedly have some ecological value, but overall they are poor examples of forest habitat.

Despite its low richness index (due to relatively high numbers of non-native species), the non-native grassland has the third highest mean conservatism. The native species that are present are fairly decent (many of them are prairie species), and they may provide greater ecological value than the native species in the dense successional forests and shrubland due to their higher productivity and their more "native" structure. The non-native grassland, together with the deciduous forest (which is the most pristine habitat present in the park), have the greatest ecological value and should be the focus of resource management and improvement.

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Figure 1. Fort Des Moines Park shown on a September 2006 natural color aerial photo by USDA.

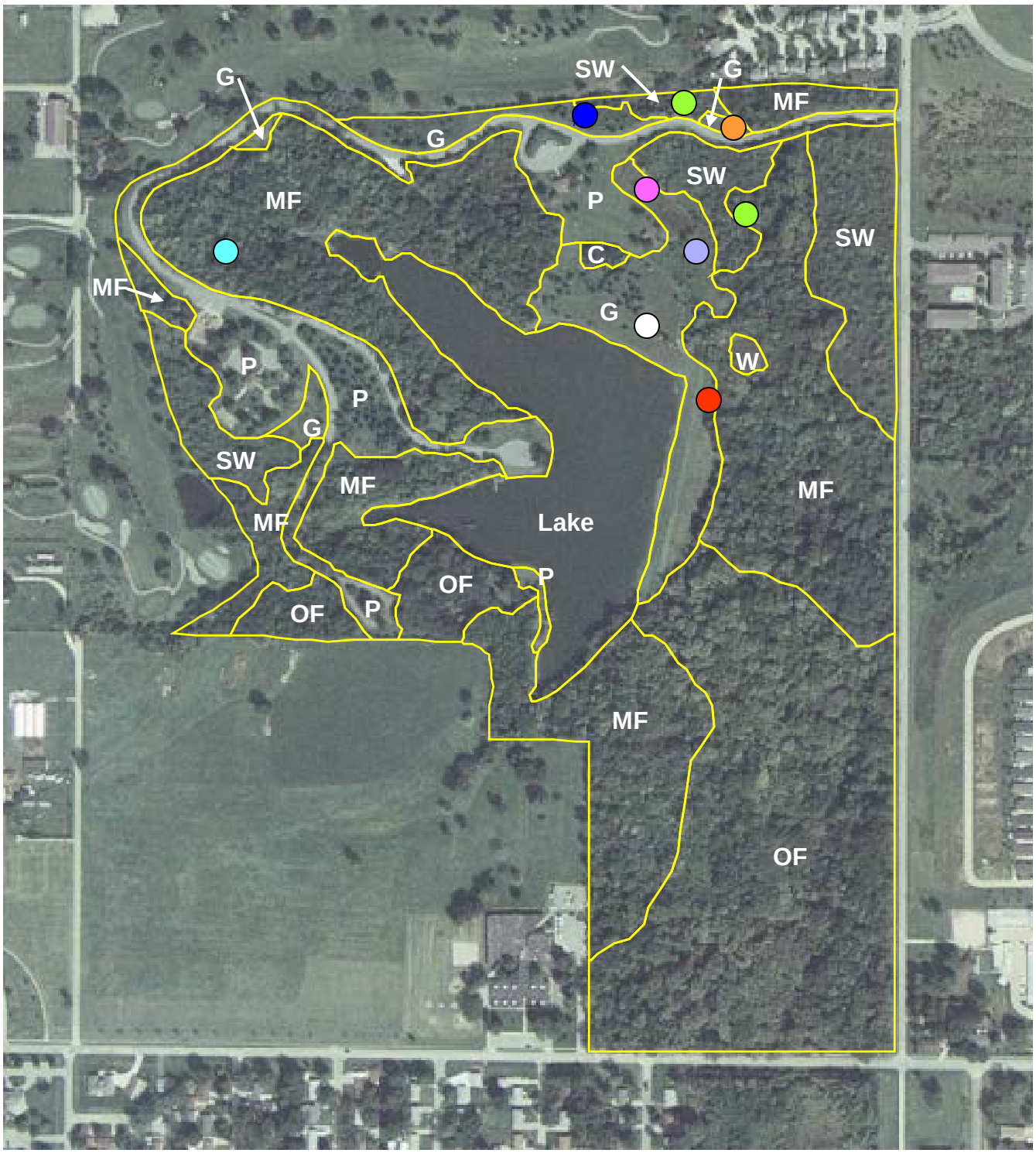

Figure 2. Plant communities and prairie elements at Fort Des Moines Park.

Legend: Communities

- Parkland (not included in survey) – P
- Non-native grassland – G
- Shrubland/Woodland – SW
- Early Successional Mixed Forest – MF
- Coniferous Forest – C
- Deciduous Forest – OF
- Wetland (Marsh) - W

Prairie Elements

- Carex bushii
- Group A
- Group B
- Group C
- Group D
- Group E
- Group F
- Group G

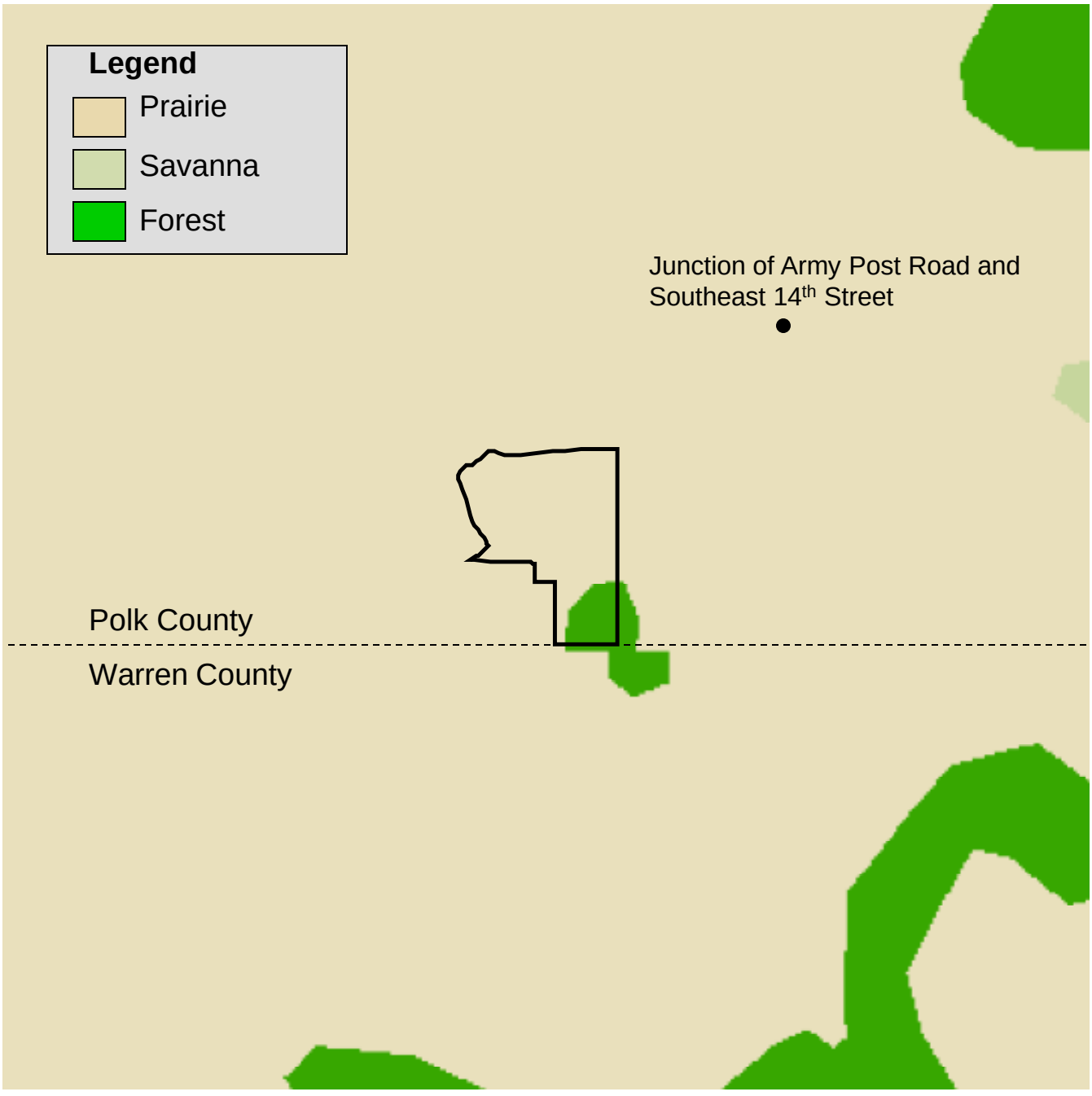

Figure 3. Fort Des Moines Park in relation to historical vegetation according to Government Land Office surveys, circa 1839-1857.

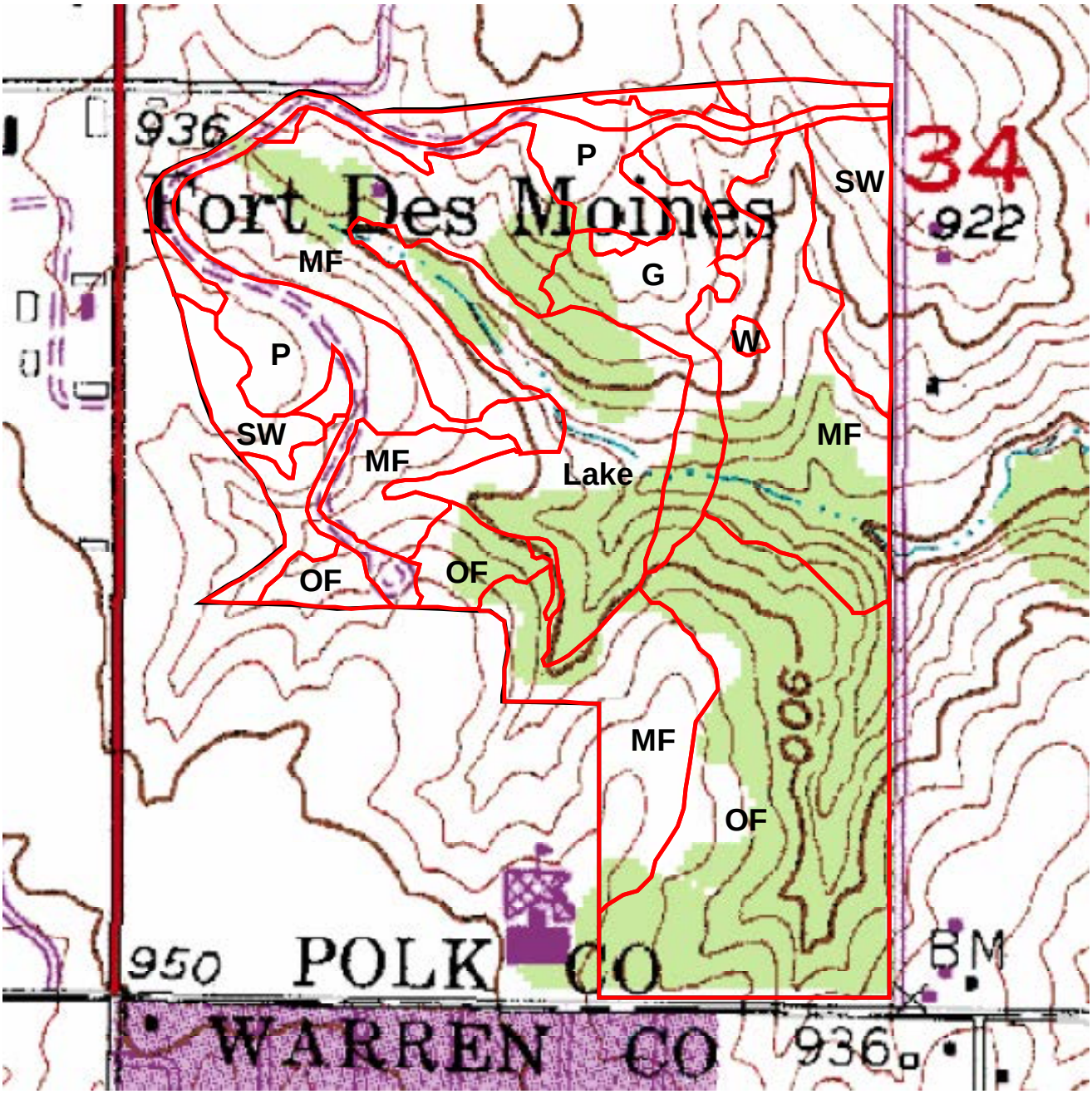

Figure 4. Extant plant communities at Fort Des Moines Park and associated topography. Community symbols are the same as in Figure 2.

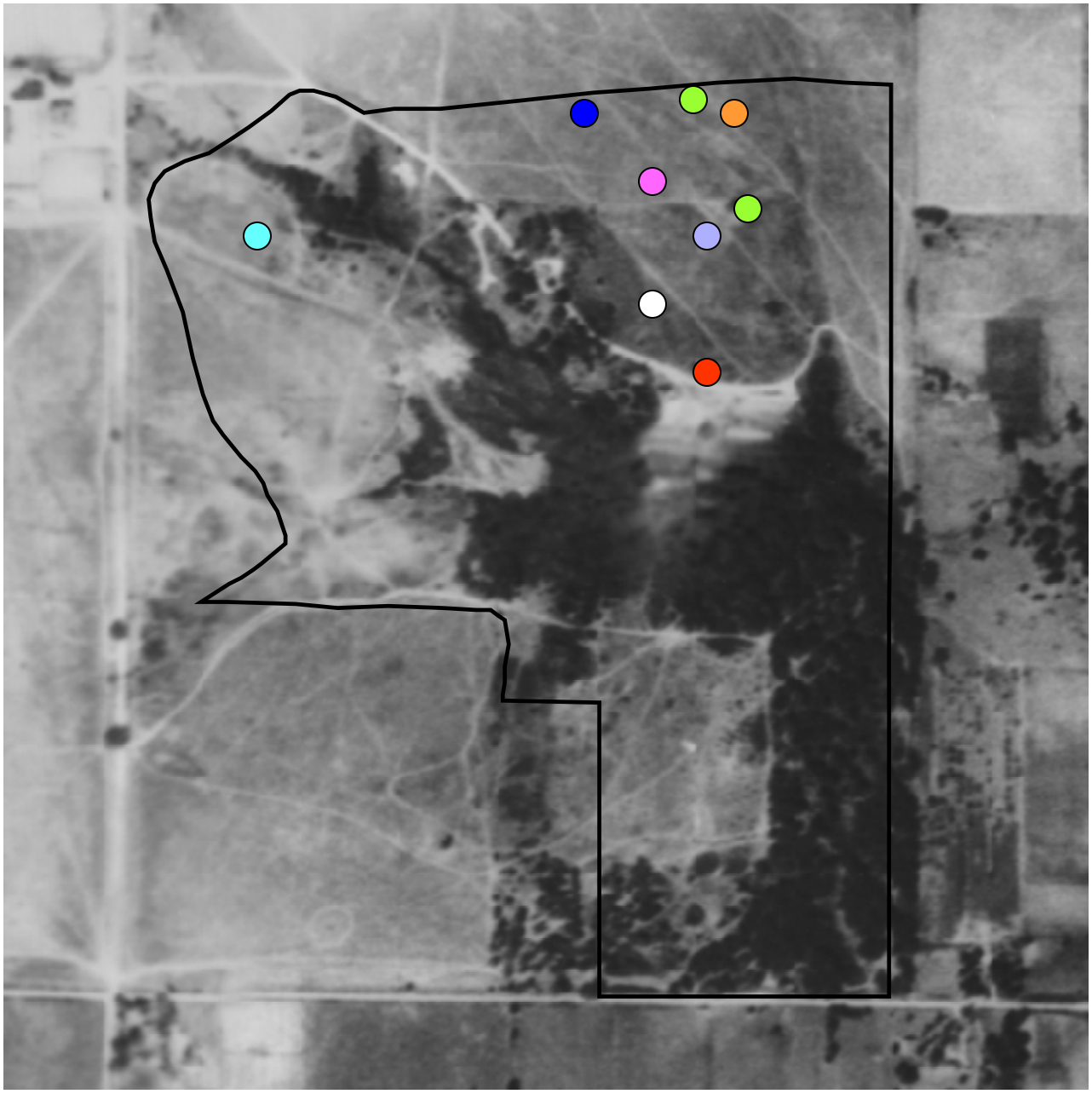

Figure 5. Fort Des Moines Park boundary on a 1930 aerial photo with extant prairie elements mapped. Much of the area was heavily impacted by human use.

Legend: Prairie Elements from 2006 survey

Carex bushii	Group D
Group A	Group E
Group B	Group F
Group C	Group G

Table 3. Floristic inventory of plant communities at Fort Des Moines Park. Column headings are defined at the end of the table. Species that are non-native to central Iowa are indicated with an (*) under Iowa Cof C.

Scientific Name	Common Name	Growth Form	IA T&E 2002	Iowa CofC	Wet	Community Types: ES Forest	Shrub Wood	Marsh	Exot Grass	Decid Forest	Conif Forest	Com Frq
Acer ginnala	Amur maple	tree		*	5	--	--	--	--	--	P	1
Acer negundo	Box elder	tree		0	-2	P	--	P	--	P-sd	--	3
Achillea millefolium	Western yarrow	p-forb		0	3	P	--	--	P	--	--	2
Agastache nepetoides	Yellow giant-hyssop	p-forb		4	3	--	--	--	--	P	--	1
Agrimonia gryposepala	Tall agrimony	p-forb		3	2	P	--	--	--	--	--	1
Agrostis gigantea	Redtop	p-gram		*	-3	P	--	--	P	--	--	2
Amphicarpaea bracteata	Hog peanut	h-vine		4	0	P	--	--	--	P	--	2
Anemone virginiana	Tall anemone	p-forb		4	5	P	--	--	--	--	--	1
Apios americana	Ground-nut	h-vine		4	-3	--	--	P	P	--	--	2
Apocynum cannabinum	Indian hemp	p-forb		1	0	--	--	--	P	--	--	1
Apocynum sibiricum	Indian hemp	p-forb		1	-1	P	P	--	--	--	--	2
Arctium minus	Common burdock	b-forb		*	5	--	--	--	--	P	--	1
Arisaema triphyllum	Jack-in-the-pulpit	p-forb		4	-2	--	--	--	--	P	--	1
Asclepias incarnata	Swamp milkweed	p-forb		4	-5	--	--	P	--	--	--	1
Asclepias syriaca	Common milkweed	p-forb		0	5	--	P	--	P	--	--	2
Asclepias tuberosa	Butterfly weed	p-forb		6	5	P	P	--	--	--	--	2
Asclepias verticillata	Whorled milkweed	p-forb		0	5	--	--	--	P	--	--	1
Asparagus officinalis	Garden asparagus	p-forb		*	3	P	--	--	--	--	--	1
Aster cordifolius	Blue wood aster	p-forb		7	5	P	--	--	--	--	--	1
Aster ericoides	Heath aster, frost weed	p-forb		3	4	P	P	--	P	--	--	3
Aster lanceolatus	Panicled aster	p-forb		4	-3	P	--	--	--	--	--	1
Aster lateriflorus	Side-flowered aster	p-forb		4	-2	--	--	--	--	P	--	1
Aster novae-angliae	New England aster	p-forb		3	-3	--	--	--	P	--	--	1
Aster pilosus	Hairy aster	p-forb		0	4	P	P	--	--	--	--	2
Aster sagittifolius	Arrow-leaved aster	p-forb		6	5	P	--	--	--	--	--	1
Barbarea vulgaris	Yellow rocket	b-forb		*	0	P	--	P	--	--	--	2
Belamcanda chinensis	Blackberry lily	p-forb		*	5	P	--	--	--	--	--	1
Berberis thunbergii	Japanese barberry	shrub		*	4	--	--	--	--	P	--	1
Bidens cernua	Nodding bur marigold	a-forb		2	-5	--	--	P	--	--	--	1
Bidens frondosa	Beggar-ticks	a-forb		3	-3	--	--	P	--	--	--	1
Bidens polylepis	Tickseed	a-forb		3	-3	--	--	P	--	--	--	1
Botrychium virginianum	Rattlesnake fern	p-herb		6	3	P	--	--	--	P	--	2

Scientific Name	Common Name	Growth Form	IA T&E 2002	Iowa CofC	Wet	Community Types: ES Forest	Shrub Wood	Marsh	Exot Grass	Decid Forest	Conif Forest	Com Frq
Brickellia eupatorioides	False boneset	p-forb		5	5	--	P	--	P	--	--	2
Bromus inermis	Smooth brome	p-gram		*	5	P	P	--	P	--	P	4
Bromus pubescens	Downy brome	p-gram		9	2	P	--	--	--	P	--	2
Calystegia sepium	American bindweed	p-forb		0	0	--	P	--	--	--	--	1
Campanula americana	Tall bellflower	a-forb		4	0	P	--	--	--	--	--	1
Capsella bursa-pastoris	Shepherd's purse	a-forb		*	1	P	--	--	--	--	--	1
Carex amphibola	Gray sedge	p-gram		4	5	P	--	--	--	--	--	1
Carex blanda	Common wood sedge	p-gram		2	0	P	--	--	P	--	--	2
Carex brevior	Plains oval sedge	p-gram		4	0	P	P	--	--	--	--	2
Carex bushii	Long-scaled green sedge	p-gram	SC	**5**	-3	P	P	--	--	--	--	2
Carex gravida	Long-awned bracted sedge	p-gram		1	5	P	P	--	P	--	--	3
Carex hystericina	Porcupine sedge	p-gram		5	-5	--	--	P	--	--	--	1
Carex mesochorea	Midland sedge	p-gram		**5**	na	--	--	--	P	--	--	1
Carex molesta	Field oval sedge	p-gram		2	0	P	--	--	--	--	--	1
Carex muskingumensis	Swamp oval sedge	p-gram		8	-5	P	--	--	--	--	--	1
Carex normalis	Spreading oval sedge	p-gram		5	-3	P	P	P	--	--	--	3
Carex pensylvanica	Pennsylvania oak sedge	p-gram		6	-4	--	--	--	--	P	--	1
Carex rosea	Curly-styled wood sedge	p-gram		7	5	P	--	--	--	P	--	2
Carex scoparia	Lance-fruited oval sedge	p-gram		5	-3	--	--	--	P	--	--	1
Carex sprengelii	Long-beaked sedge	p-gram		4	0	P	P	--	--	--	--	2
Carex vulpinoidea	Brown fox sedge	p-gram		3	-5	P	--	P	--	--	--	2
Celastrus scandens	Bittersweet	w-vine		1	3	P	--	--	--	--	P	2
Celtis occidentalis	Hackberry	tree		2	1	P	--	--	--	P	--	2
Chamaecrista fasciculata	Partridge pea	a-forb		1	4	P	P	--	P	--	--	3
Cicuta maculata	Water hemlock	b-forb		7	-5	P	--	--	--	--	--	1
Cinna arundinacea	Wood reed	p-gram		4	-3	--	--	P	--	P	--	2
Circaea lutetiana	Enchanter's nightshade	p-forb		5	3	--	--	--	--	P	--	1
Cirsium altissimum	Tall thistle	p-forb		4	5	--	--	--	--	P	--	1
Cirsium discolor	Field thistle	b-forb		1	5	P	P	--	P	--	P	4
Coronilla varia	Crown vetch	p-forb		*	na	P	--	--	--	--	--	1
Cornus drummondii	Rough-leaved dogwood	shrub		6	0	P	P	--	P	--	--	3
Cornus racemosa	Gray dogwood	shrub		1	-2	P	P	P	P	P	P	6
Corylus americana	Hazelnut	shrub		3	0	--	P	--	--	P	--	2
Cryptotaenia canadensis	Honewort	p-forb		4	0	P	--	--	--	P	--	2
Cyperus sp.	Nutsedge	a-gram		2	-3	--	--	P	--	--	--	1

Scientific Name	Common Name	Growth Form	IA T&E 2002	Iowa CofC	Wet	Community Types: ES Forest	Shrub Wood	Marsh	Exot Grass	Decid Forest	Conif Forest	Com Frq
Dactylis glomerata	Orchard grass	p-gram		*	3	--	--	--	P	--	--	1
Daucus carota	Wild carrot	b-forb		*	5	P	P	--	--	--	--	2
Delphinium tricorne	Dwarf larkspur	p-forb		7	5	--	--	--	--	P	--	1
Desmodium glutinosum	Pointed tick-trefoil	p-forb		5	5	P	--	--	--	P	--	2
Desmodium illinoense	Illinois tick-trefoil	p-forb		5	5	P	P	--	P	--	--	3
Desmodium paniculatum	Panicled tick-trefoil	p-forb		8	3	P	--	--	--	--	--	1
Dianthus armeria	Deptford pink	a-forb		*	5	--	--	--	P	--	--	1
Dichanthelium acuminatum	Panic grass	p-gram		3	0	P	--	--	--	--	--	1
Dichanthelium oligosanthes	Scribner panic grass	p-gram		7	3	--	--	--	P	--	--	1
Elaeagnus umbellata	Autumn olive	shrub		*	5	P	P	--	--	--	--	2
Elymus villosus	Slender wild rye	p-gram		5	3	P	--	--	--	P	--	2
Elymus virginicus	Virginia wild rye	p-gram		3	-2	P	--	--	--	P	--	2
Equisetum arvense	Common horsetail	p-herb		0	0	P	P	P	--	--	--	3
Erigeron annuus	Annual fleabane	b-forb		0	1	P	P	--	P	--	--	3
Erythronium albidum	White dogtooth-violet	p-forb		6	5	--	--	--	--	P	--	1
Eupatorium rugosum	White snakeroot	p-forb		2	3	P	--	--	--	P	--	2
Euphorbia corollata	Flowering spurge	p-forb		3	5	P	P	--	P	--	--	3
Festuca arundinacea	Tall fescue	p-gram		*	2	--	--	--	P	--	--	1
Festuca obtusa	Woodland fescue	p-gram		7	2	P	--	--	--	--	--	1
Fragaria virginiana	Wild strawberry	p-forb		3	1	--	P	--	--	--	--	1
Fraxinus pennsylvanica	Green ash	tree		1	-3	P	P	--	P	--	--	3
Galearis spectabilis	Showy orchis	p-forb		4	5	P	--	--	--	--	--	1
Galium aparine	Cleavers	a-forb		1	3	P	--	--	P	P	--	3
Galium concinnum	Shining bedstraw	p-forb		7	3	--	--	--	--	P	--	1
Galium triflorum	Sweet-scented bedstraw	p-forb		7	2	P	--	P	--	P	--	3
Gentiana alba	Pale gentian	p-forb		4	3	P	P	--	P	--	--	3
Geum canadense	White avens	p-forb		2	0	P	--	P	--	--	--	2
Glechoma hederacea	Creeping Charlie	p-forb		*	4	P	--	--	--	--	--	1
Glyceria striata	Fowl manna grass	p-gram		5	-5	--	--	P	--	--	--	1
Hackelia virginiana	Stickseed	p-forb		0	1	P	--	--	--	P	--	2
Helianthus grosseserratus	Saw-tooth sunflower	p-forb		4	-2	--	P	--	--	--	--	1
Helianthus tuberosus	Jerusalem artichoke	p-forb		0	0	P	P	--	P	--	--	3
Hemerocallis fulva	Day lily	p-forb		*	5	--	--	--	P	--	--	1
Hydrophyllum virginianum	Virginia waterleaf	p-forb		3	-2	P	--	--	--	P	--	2
Hypericum perforatum	Common St. John's wort	p-forb		*	5	--	--	--	P	--	--	1

Scientific Name	Common Name	Growth Form	IA T&E 2002	Iowa CofC	Wet	Community Types: ES Forest	Shrub Wood	Marsh	Exot Grass	Decid Forest	Conif Forest	Com Frq
Hystrix patula	Bottlebrush grass	p-gram		5	5	--	--	--	--	P	--	1
Juglans nigra	Black walnut	tree		4	3	P	--	--	P	--	--	2
Juniperus virginiana	Red cedar	tree		1	3	P	P	--	P	--	--	3
Lactuca canadensis	Wild lettuce	b-forb		1	2	P	P	--	--	--	--	2
Lactuca floridana	Blue lettuce	b-forb		4	1	--	--	--	--	P	--	1
Lactuca serriola	Prickly lettuce	b-forb		*	0	--	P	--	--	--	--	1
Lathyrus latifolius	Everlasting peavine	p-forb		*	na	--	--	--	P	--	--	1
Leersia oryzoides	Rice cut-grass	p-gram		2	-5	P	--	--	--	--	--	1
Lemna minor	Duckweed	a-forb		3	-5	--	--	P	--	--	--	1
Lespedeza capitata	Round-headed bush clover	p-forb		3	3	P	P	--	P	--	--	3
Lobelia siphilitica	Great lobelia	p-forb		3	-4	P	--	P	--	--	--	2
Lonicera mackii	Morrow's honeysuckle	shrub		*	5	P	--	--	--	P	--	2
Lonicera tatarica	Tartarian honeysuckle	shrub		*	3	P	--	--	--	P	--	2
Lonicera sp.	Honeysuckle	shrub		*	3	--	--	--	--	--	P	1
Lotus corniculatus	Bird's-foot trefoil	p-forb		*	1	P	--	--	P	--	--	2
Lycopus americanus	Water horehound	p-forb		4	-5	P	--	P	--	--	--	2
Lysimachia ciliata	Fringed loosestrife	p-forb		4	-3	--	--	--	P	--	--	1
Medicago lupulina	Black medic	a-forb		*	1	--	--	--	P	--	--	1
Melilotus officinalis	Yellow sweet clover	b-forb		*	3	--	P	--	P	--	--	2
Mimulus ringens	Monkey flower	p-forb		3	-5	--	--	P	--	--	--	1
Miscanthus sacchariflorus	Plume grass	p-gram		*	5	--	P	--	--	--	--	1
Monarda fistulosa	Wild bergamot	p-forb		2	3	P	P	--	P	--	--	3
Morus alba	White mulberry	tree		*	0	P	--	--	--	--	P	2
Oenothera biennis centralis	Common evening primrose	b-forb		0	3	P	--	--	--	--	--	1
Onoclea sensibilis	Sensitive fern	p-herb		6	-3	--	--	--	--	P	--	1
Osmorhiza longistylis	Anise root	p-forb		5	4	P	--	--	--	P	--	2
Oxalis stricta	Yellow wood sorrel	p-forb		0	3	P	--	P	--	--	--	2
Panicum virgatum	Switchgrass	p-gram		5	-1	P	P	--	P	--	--	3
Parthenocissus quinquefolia	Virginia creeper	w-vine		2	1	P	--	--	--	--	P	2
Parthenocissus vitacea	Woodbine	w-vine		1	3	P	P	--	--	P	--	3
Penstemon digitalis	Foxglove penstemon	p-forb		4	1	P	--	--	--	--	--	1
Phalaris arundinacea	Reed canary grass	p-gram		*	-4	P	--	--	--	--	--	1
Phryma leptostachya	Lopseed	p-forb		4	5	P	--	--	--	P	--	2
Physalis heterophylla	Clammy ground cherry	p-forb		2	5	P	--	--	P	--	--	2
Physalis longifolia	Common ground cherry	p-forb		**3**	na	--	P	--	--	--	--	1

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Picea abies	Norwegian spruce	evg-tree		*	na	--	P	--	--	--	--	1
Pilea pumila	Clearweed	a-forb		3	-3	--	--	P	--	P	--	2
Pinus resinosa	Red pine	evg-tree		*	3	--	P	--	--	--	--	1
Pinus strobus	Eastern white pine	evg-tree		*	3	--	--	--	--	--	P	1
Plantago lanceolata	English plantain	p-forb		*	0	--	--	--	P	--	--	1
Plantago rugelii	Rugel's plantain	a-forb		0	0	P	--	--	--	P	--	2
Poa compressa	Canada bluegrass	p-gram		*	2	P	--	--	--	--	--	1
Poa pratensis	Kentucky bluegrass	p-gram		*	1	P	P	--	--	--	--	2
Podophyllum peltatum	Mayapple	p-forb		4	3	P	--	--	--	P	--	2
Polygonatum biflorum	Solomon's seal	p-forb		4	3	P	--	--	--	P	--	2
Polygonum punctatum	Water smartweed	a-forb		4	-5	--	--	--	--	P	--	1
Polygonum virginianum	Jumpseed	p-forb		5	0	P	--	--	--	P	--	2
Populus deltoides	Cottonwood	tree		1	-1	P	P	--	--	P	--	3
Populus tremuloides	Quaking aspen	tree		*	0	P	--	--	--	P	--	2
Potentilla recta	Sulphur cinquefoil	p-forb		*	5	--	--	--	P	--	--	1
Potentilla simplex	Common cinquefoil	p-forb		3	4	P	--	--	--	--	--	1
Prenanthes alba	White lettuce	p-forb		7	3	P	--	--	--	--	--	1
Prunus mexicana	Big-tree plum	tree		2	5	P	--	--	--	--	--	1
Prunus serotina	Black cherry	tree		3	3	P	P	--	P	P	P	5
Prunus virginiana	Choke cherry	shrub		2	1	P	--	--	--	--	--	1
Pycnanthemum tenuifolium	Narrow-leaf mountain mint	p-forb		6	0	P	--	--	--	--	--	1
Quercus borealis	Northern red oak	tree		6	3	P	--	--	--	--	--	1
Quercus macrocarpa	Bur oak	tree		4	1	P-sh	--	--	P	P	--	3
Ranunculus abortivus	Kidney leaf buttercup	a-forb		0	-4	--	--	--	--	P	--	1
Ratibida pinnata	Gray-headed coneflower	p-forb		4	5	P	P	--	P	--	--	3
Rhamnus cathartica	Common buckthorn	shrub		*	3	P	--	--	--	--	--	1
Rhus glabra	Smooth sumac	shrub		0	5	P	P	--	--	--	--	2
Ribes missouriense	Wild gooseberry	shrub		3	5	--	--	--	--	P	--	1
Ribes sp.	Gooseberry species	shrub		3	5	P	--	--	--	P	--	2
Robinia pseudoacacia	Black locust	tree		*	4	--	--	--	--	P	--	1
Rosa arkansana	Wild prairie rose	shrub		4	5	--	P	--	--	--	--	1
Rosa multiflora	Multiflora rose	shrub		*	3	P	P	P	--	P	P	5
Rosa setigera	Climbing rose	shrub		4	2	--	--	--	--	P	--	1
Rubus allegheniensis	Blackberry	shrub		2	2	--	P	--	--	P	--	2
Rubus occidentalis	Black raspberry	shrub		1	5	P	--	--	--	P	--	2

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Rudbeckia hirta	Black-eyed susan	p-forb		2	3	P	--	--	P	--	--	2
Rumex crispus	Curly dock	p-forb		*	-1	--	--	P	P	--	--	2
Sagittaria latifolia	Common arrowhead	p-forb		4	-5	--	--	P	--	--	--	1
Salix exigua	Sandbar willow	shrub		0	-5	--	--	P	--	--	--	1
Salix nigra	Black willow	tree		3	-5	P	--	P	--	--	--	2
Salix sp.	Willow species	tree		2	-3	--	--	P	--	--	--	1
Sanicula canadensis	Black snakeroot	b-forb		6	2	P	P	--	--	--	--	2
Sanicula gregaria	Common black snakeroot	p-forb		**3**	-1	P	--	--	--	P	--	2
Scirpus atrovirens	Dark green bulrush	p-gram		1	-5	--	--	P	--	--	--	1
Scirpus pendulus	Red bulrush	p-gram		1	-5	P	--	--	--	--	--	1
Silphium integrifolium	Rosinweed	p-forb		4	5	P	P	--	P	--	--	3
Sisyrinchium campestre	Blue-eyed grass	p-forb		4	5	--	--	--	P	--	--	1
Smilacina racemosa	False Solomon's seal	p-forb		4	3	P	--	--	--	P	--	2
Smilax ecirrhata	Carrion flower	p-forb		6	5	P	--	--	--	P	--	2
Smilax herbacea	Vining carrion flower	h-vine		5	0	P	--	--	--	--	--	1
Smilax hispida	Greenbrier	w-vine		4	0	--	--	--	--	P	--	1
Solanum carolinense	Horse nettle	p-forb		0	4	P	P	P	P	--	P	5
Solidago canadensis	Tall goldenrod	p-forb		0	3	P	P	--	--	--	--	2
Solidago gigantea	Smooth goldenrod	p-forb		3	-3	P	--	--	--	--	--	1
Sonchus asper	Spiny-leaved sow thistle	a-forb		*	0	--	P	--	--	--	--	1
Sorghastrum nutans	Indian grass	p-gram		4	2	--	P	--	--	--	--	1
Spartina pectinata	Prairie cord grass	p-gram		4	-4	P	P	--	--	--	--	2
Sporobolus asper	Tall dropseed	p-gram		3	5	P	P	--	P	--	--	3
Stachys palustris	Woundwort	p-forb		4	-5	P	--	--	--	--	--	1
Stachys tenuifolia	Smooth hedge nettle	p-forb		5	-5	P	--	--	--	P	--	2
Symphoricarpos orbiculatus	Coralberry, buckbrush	shrub		0	3	P	P	--	--	P	P	4
Taraxacum officinale	Common dandelion	p-forb		*	3	P	P	--	--	--	P	3
Teucrium canadense	American germander	p-forb		4	-2	P	--	P	--	P	P	4
Thalictrum dasycarpum	Purple meadow-rue	p-forb		4	-2	P	--	--	--	--	--	1
Thalictrum thalictroides	Rue anemone	p-forb		7	5	--	--	--	--	P	--	1
Tilia americana	Basswood	tree		5	3	--	--	--	--	P	--	1
Toxicodendron radicans	Poison ivy	w-vine		0	-1	P	--	P	P	P	P	5
Tragopogon dubius	Goat's-beard	b-forb		*	5	--	P	--	--	--	--	1
Tridens flavus	Purple top	p-gram		0	5	P	--	--	--	--	--	1
Trifolium hybridum	Alsike clover	p-forb		*	1	P	--	--	--	--	--	1

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Trifolium pratense	Red clover	p-forb		*	2	P	P	--	P	--	--	3
Trifolium repens	White clover	p-forb		*	2	--	P	--	P	--	--	2
Triosteum perfoliatum	Horse gentian	p-forb		4	5	P	P	--	P	--	--	3
Typha latifolia	Broadleaf cattail	p-forb		1	-5	--	--	P	--	--	--	1
Ulmus americana	American elm	tree		2	-2	P	P	--	--	P	--	3
Ulmus pumila	Siberian elm	tree		*	5	--	--	--	P	--	--	1
Ulmus rubra	Red elm	tree		2	0	P	--	--	--	P	--	2
Urtica dioica	Stinging nettle	p-forb		0	-1	P	--	P	--	P	--	3
Verbascum thapsus	Common mullein	b-forb		*	5	--	--	--	P	--	--	1
Verbena stricta	Hoary vervain	p-forb		1	5	--	P	--	--	--	--	1
Verbena urticifolia	White vervain	p-forb		2	-1	P	--	P	--	--	--	2
Vernonia baldwinii	Baldwin's ironweed	p-forb		2	5	P	--	--	P	--	--	2
Vicia americana	American vetch	a-forb		8	5	P	--	--	--	--	--	1
Viola pubescens	Downy yellow violet	p-forb		5	4	--	--	--	--	P	--	1
Viola sororia	Common blue violet	p-forb		1	1	P	--	--	--	P	--	2
Vitis riparia	Riverbank grape	w-vine		1	-2	P	P	--	P	P	P	5
Zanthoxylum americanum	Prickly ash	shrub		3	5	P	--	--	--	--	--	1
Total Richness						142	66	36	61	71	17	222
Native Richness						119	51	33	43	64	10	173
Exotic Richness						23	15	3	18	7	7	49
Native Richness Index						5.0	3.3	8.5	2.3	8.1	1.4	
Mean Native Conservatism						3.13	2.45	2.52	2.58	3.56	1.30	
Mean Wetland Status						1.44	2.09	-2.53	2.26	1.38	2.00	

Growth Form - descriptions indicate forbs (herbaceous non-graminoids) and graminoids (herbaceous grass-like morphology); annual, biennial, perennial life spans; woody and herbacous vines, trees and shrubs

Iowa T&E - species listed as either endangered, threatened or special concern in Iowa

Iowa C of C - Iowa Coefficent of Conservatism, on a scale from 0-10

Wet - Fish and Wildlife Service Region 3 wetland status on a scale from obligate wetland (-5) to obligate upland (5)

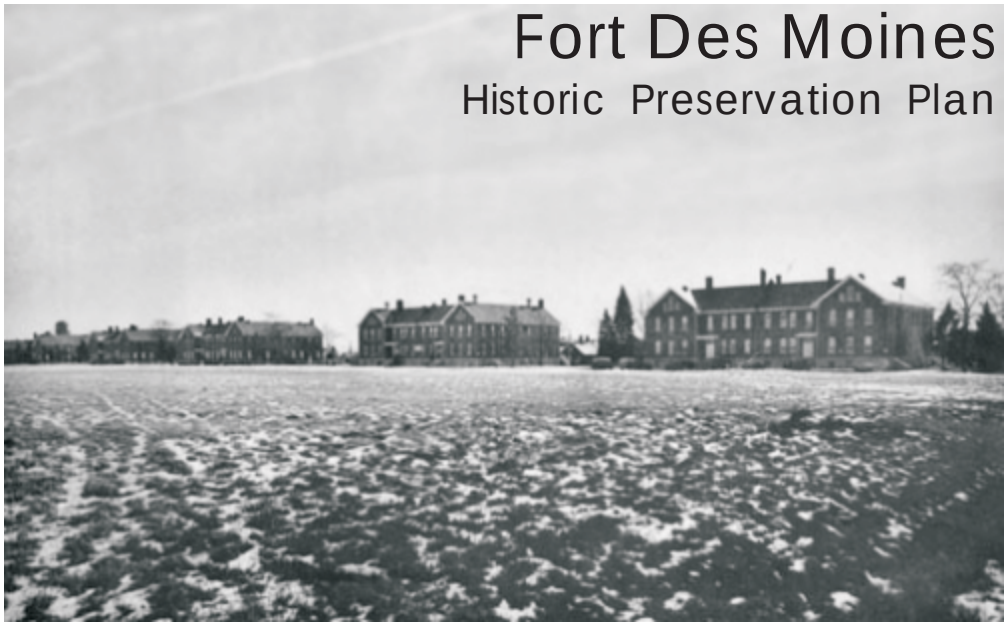
Community Types - Early Successional Forest, Shrubland/Woodland, Marsh, Non-native Grassland, Deciduous Forest, Coniferous Forest

Com Frq - Community frequency or number of plant communties the plant species occurs in

Excerpts from

Keffer/Overton Associates and Genus Landscape Architects. 2010. *Fort Des Moines Historic Preservation Plan*. Prepared for the city of Des Moines. August 2010.

Fort Des Moines
Historic Preservation Plan



August 2010
Keffer/Overton Associates
Genus Landscape Architects

Prepared for The City of Des Moines

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Executive Summary

The Fort Des Moines National Historic Landmark is a unique place in Des Moines. Listed on the National Register of Historic Places in 1974, it is one of only twenty-four national landmarks in the State of Iowa. Other landmarks include Terrace Hill, the Herbert Hoover Birthplace, and the Amana Colonies. Regrettably, the deteriorating condition of Fort Des Moines has caused this landmark to be classified as 'Threatened' by the National Park Service.

The Fort Des Moines we see today was originally established as a cavalry post, dedicated in 1903. The location, at the time, was several miles south of the city limits. The original boundaries were the present-day Army Post Road to the north, SW 9th Street to the west, County Line Road to the south, and SE 5th Street to the east. The boundary of the historic landmark is considerably smaller, centered on the original parade ground and including the remaining red brick buildings that were the riding hall, chapel, officers' quarters, barracks, stables, storehouses and shops.

The fort is historically significant as the World War I site of the Provisional Army Officer Training School, which was the U.S. Army's first extensive attempt to train African American men for military leadership. Fort Des Moines is also recognized for innovations in the field of orthopedics research during World War I; and, during World War II, the fort is significant as the home of the first Women's Army Auxiliary Corps, where more than 72,000 women completed training to assist the military mission.

A feature on the south side of our city, many local people today have memories of this place, or have heard stories of Fort Des Moines through the years, especially from World War II and later when the fort was re-purposed for post-war housing. There are many people who have a connection to Fort Des Moines, and there are many people who care about preserving the history of this place. There are also many people in Des Moines who have no idea why there is a street named Army Post.

The City of Des Moines is one of the major land owners at Fort Des Moines, and has a continuing interest in its preservation and development. The purpose of this report is to clarify the vision of Fort Des Moines and to identify and prioritize the preservation efforts. The historic preservation plan is an initial step toward implementation of the SuperBlock Master Plan, as adopted by the City in 2008.

The consultant team of Keffer/Overton Associates and Genus Landscape Architects was selected by the City, and work on this project began in the fall of 2009. Mindy Moore, Park Planner, Des Moines Parks & Recreation is the project manager. This project is funded in part by a Historic Resource Development Program Grant (HRDP), administered through the State Historical Society.

Executive Summary

Additional funding is provided by a grant from the Johanna Favrot Fund for Historic Preservation, administered through the National Trust for Historic Preservation. The City of Des Moines has also provided funding through a CIP contribution.

A steering committee was formed with representatives from City staff, the State Historical Society, and owners and managers of property within the landmark boundary. The committee participated in a series of meetings to review and guide the work of this report; there has also been a public presentation. The Fort Des Moines Historic Preservation Plan is scheduled to go before the Park & Recreation Board, Historic Preservation Commission, Plan & Zoning Commission, and City Council.

The main conclusion of this report is that preservation of Fort Des Moines depends upon rehabilitation and new uses for this place. The recommendations presented here are focused on rehabilitation, new activity, and new identity. Read the history and you will find that Fort Des Moines has been adapted and reused throughout the last one hundred years. Remaking it again for new uses is critical to the fort's preservation, and preservation of the fort can be a catalyst for development and investment in the south side of Des Moines.

There are six General Recommendations in this report. The first recommendation is based on consideration of the Secretary of the Interior's Standards for the Treatment of Historic Properties, where four treatment options are described: Preservation, Rehabilitation, Restoration, and Reconstruction. Rehabilitation is the most common treatment option, and the only option with guidelines for the design of alterations and additions. Rehabilitation acknowledges the need to alter or add to a historic property to meet continuing or changing uses while retaining the property's historic character. As a National Register site, the Rehabilitation treatment is recommended for Fort Des Moines. Furthermore, development that adheres to the Secretary of the Interior's Standards and Guidelines is eligible for historic preservation tax credits, grants, and loans.

The second recommendation is for the establishment of Land Use Protection Areas, (see map on page 63). The physical and sentimental center of Fort Des Moines has always been the parade ground, an original and very dominant feature. Facing the parade ground, the row of two-story brick barracks on Gruber Street are probably the most recognizable and well known of the remaining historic buildings. This central core area retains the site's highest integrity, and continues to express the design, use, and function of a military fort. At the outer edges of the landmark boundary, commercial development to the north and the loss of buildings and landscape features to the south have compromised the site's integrity. The recommendation for Land Use Protection Areas is a response to this reality. Areas in closest proximity to the parade ground should be the

most protected and restricted in terms of new development and proposed new uses; areas to the north and south should be considered for a wider variety of new uses and infill development.

The third recommendation addresses Appropriate New Uses. This recommendation suggests that the remaining parade ground should be used as public open space for recreation and community gatherings: a grassy open space for soccer practice, music festivals, art fairs, etc. The remaining officers' quarters and barracks should be used for housing and small businesses. Business examples might include office space, small restaurant and retail, and B&B lodging. Moving out from the center, the historic stables and storehouses and land area to the south offer the greatest opportunity for infill with substantial new construction. Examples here include zoo expansion, a new convention or conference center, year-round farmers' market, or a college or business campus. Tear-down of historic buildings in this area could be justified, although master planning for new uses will be necessary to avoid piece-meal development. The intent of this general recommendation is cultivation of a family-friendly environment, an active place to live-work-play.

The fourth recommendation is for Design Guidelines. Whether through zoning overlay, historic district designation, or PUD requirements, the City needs to adopt specific design guidelines for Fort Des Moines. These guidelines would be based on the previous recommendations for Rehabilitation, Land Use Protection Areas, and Appropriate New Uses. There is no other place in this city like Fort Des Moines. Design Guidelines would recognize the unique character of the historic fort and would make clear the requirements for both renovation and new construction. Guidelines should cover building materials, shape, scale, height, setbacks, landscaping standards, paving, parking, etc.

The fifth recommendation is Marketing and Image. The 2008 SuperBlock Master Plan emphasizes joint marketing of the various attractions in this area, and that recommendation is repeated here. Creating a joint marketing plan and identity for the various stakeholders within the landmark boundary is critical to the success of this place, and ultimately to any preservation efforts. Whatever the marketing campaign, mentioning Fort Des Moines should conjure images of a family destination that includes outdoor recreation, a nationally recognized zoo, a great museum dedicated to the fort, and other cultural and commercial attractions. Part of marketing and defining the identity of Fort Des Moines is providing wayfinding signage to the area from miles away. Additional educational and interpretive opportunities could also reinforce and promote this place.

The last of the six general recommendations is for the development of a Fort Des Moines Cultural District. Fort Des Moines has the potential to become a cultural district. A cultural district is a well-

recognized, walkable, mixed-use area in which a high concentration of cultural facilities serves as the anchor. These districts position historic preservation along with the arts and culture as the center of revitalization efforts. Across Iowa, thirty-four cultural districts have been officially certified. The City, the Zoo, and the Fort Des Moines Museum could organize now to promote and develop a Fort Des Moines Cultural District, bringing together the various Fort Des Moines attractions and interests. Certified districts require public-private partnership; management requirements include staff, board, and budget. There is a need for the various Fort Des Moines stakeholders to organize and work together; a Cultural District is a 'cool' goal, with an organizational model to emulate. It is also noteworthy that a portion of Iowa's tax incentives program is allocated for rehabilitation of historic buildings in certified cultural districts.

Regarding priorities, this report lists preservation priorities for the historic landscape and for the historic buildings of Fort Des Moines. In all cases, the safety of the public and site users comes first, with the most immediate concern being vacant buildings with openings that need to be secured. The next priority is protecting the historic character of the fort, which means that any work within the landmark boundary should follow the general recommendation for Rehabilitation, and that the City should begin implementation of the recommendations for Land Use Protection, Appropriate New Uses, and Design Guidelines. At minimum, mothballing is recommended to preserve vacant buildings for future rehabilitation and new use. Then promoting new uses and new development follows; this includes physical improvements, such as new street trees and street improvements, and the more ambiguous work of organizing and marketing. Marketing and economic development are the final and largest priorities.

This report also includes a detailed history of Fort Des Moines, a thorough assessment of the cultural landscape, condition assessments for thirty-five historic buildings, and cost estimates for landscape and building rehabilitation. There is a section on requirements for work, which describes the 'rules and regulations' as they currently exist for rehabilitation and new construction work within the landmark boundary. There is a section which briefly describes financial incentives for historic preservation, and another section which lists the Fort Des Moines stakeholders.

The prospects for Fort Des Moines are alternately exciting and discouraging. Fort Des Moines has withstood years of neglect, and has been nearly forgotten, but with people who care and major interests who work together there is real hope for preserving this important landmark.

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Appendix A1

This project was funded in part by a Historic Resource Development Program Grant (HRDP). The HRDP Grant is funded through the Resource Enhancement and Protection Program Act (REAP), and administered through the State Historical Society for historical projects including acquisition and development, preservation and conservation, interpretation, training and educational programs related to historical resources.

This project is also funded in part by a grant from the Johanna Favrot Fund for Historic Preservation. The Favrot grant is administered through the National Trust for Historic Preservation, a nonprofit membership organization chartered by Congress to encourage public participation in all aspects of historic preservation.

Project Team

The City of Des Moines retained the team of Keffer/Overton Associates and Genus Landscape Architects to develop a Historic Preservation Plan for the Fort Des Moines National Historic Landmark (NHL). Building assessments, research and guidelines were developed by Keffer/Overton. Assessments of the landscape, associated research and recommendations were conducted by Genus with the aid of landscape historian Heidi Hohmann.

Study Boundaries

The boundary of the study area for this project is the National Historic Landmark Boundary as defined by the Nomination Form for the National Register of Historic Places, 1973, updated 1984. In all plan maps included in this report, it is shown as a dashed red line. The NHL Boundary is also shown on historic maps for reference purposes even though the boundary was not established in the historic periods represented by the maps.

Scope of Work

Per the Request for Proposal developed by the City of Des Moines for this project, goals of this report include:

1. The Plan shall assist City of Des Moines staff, tenants, and design consultants in preserving the site's cultural landscape and rehabilitating structures on the historic fort.

2. The Plan shall set forth a prioritized list of efforts necessary to meet this objective.

3. The Plan shall aid in determining acceptable alterations, additions, and repairs for preserving the character of existing landscape and buildings.

4. The Plan shall provide information which would heighten awareness of designers and tenants to historically significant features and emphasize the importance of making every

attempt to preserve and maintain those features when making alterations or additions to the site or to fort buildings.

5. The Plan shall promote the understanding of acceptable design approaches and appropriate treatment for reuse of fort buildings.

Methodology

This report was developed through the review of previous studies of the Fort Des Moines National Historic Landmark. Historic maps, aerials, photography, and personal accounts were used to determine the previous conditions of the fort and what changes have occurred yielding the present conditions of the landscape and buildings. The recommendations contained within this report were developed through stakeholder input sessions and separate meetings with City officials and State Historic Preservation Officers (SHPO).

Steering Committee

As follows, the project Steering Committee consisted of members of the City of Des Moines professional staff of several departments, representatives of property owners within the National Historic Landmark boundary, and State and Federal representatives from the area.

City Staff	Title	Department
Don Tripp	Director	Parks and Recreation
Ben Page	Assistant Director	Parks and Recreation
Doug Romig	Parks Manager	Parks and Recreation
Kevin Moran	Senior Parks Planner	Parks and Recreation
Larry Edris	Park Planner II	Parks and Recreation
Mindy Moore	Park Planner II	Parks and Recreation
Rich LeFleur	Bldg. and Grounds Maintenance Supervisor	Parks and Recreation
Mark Dinges	Architect	Engineering
Mary Neiderbach	Senior City Planner	Community Development
Matt Anderson	Administrator	Economic Development
Rita Conner	Coordinator	Economic Development

Stakeholders	Title	Organization
Dennis Parker	Director	Polk County Conservation
Emily Bouska	Capitol Campaign Dir.	Blank Park Zoo
Mark Vukovich	CEO	Blank Park Zoo Foundation
Loretta Sieman	Board of Directors	Blank Park Zoo Foundation
Mike Hubble	Board of Directors	Blank Park Zoo Foundation
Jack Porter	Preservation Consultant	State Historical Society of IA.
Paul Mohr	Certified Local Gov. Coord.	State Historical Society of IA.

Ralph Christian	Historian	State Historical Society of IA.
Joe Nolte	Director	Fort Des Moines Museum
Keith Welling	President/CEO	FDM Community Bank
Mel Pins	President	Somerset Neighborhood Assoc.
Neil Wheeler	Division Manager	5th Judicial District of Corrections
Sally Kreamer	Director	5th Judicial District of Corrections
Suzette Jensen	Member	Des Moines Parks Board
Virgil Moore	Owner	Tempus Utile, LC

Guests	Title	Organization
Matt McCoy	State Senator	State of Iowa
Lennard Boswell	Congressman	U.S. Congress
Cathy M. Lewis	District Representative	Congressman's Boswell's Office
Bruce Hunter	State Representative	State of Iowa
Christian Zenti		Resource Development Consultants

Buildings and the Landscape

This report will discuss both the buildings and the associated landscape of the Fort Des Moines National Historic Landmark. While the qualities and needs of an individual building will be addressed, it must be understood that the building exists as a part of the larger landscape; so too, the landscape is shaped by the buildings and other site elements contained within the designated space. The landscape can be thought of as a fabric that knits together individual structures that would otherwise have little relation to one another. The term "cultural landscape" refers to all aspects of the landscape and includes the buildings contained within.

For the purposes of this report, the buildings will be addressed separately from the landscape in terms of their development history, current assessment, and recommendations for treatment. This separation is not to suggest that they should be rehabilitated or treated separately, but is to facilitate the explanation of the changes over time and the recommendations of this report. Rehabilitating a building without addressing the surrounding landscape creates an artificial juxtaposition of old and new which should be avoided; so too if the landscape were rehabilitated and buildings were not.

Report Terminology

Throughout this report several words and phrases will be used to describe the landscape and buildings, which have specific meanings within the context of the preservation report and among the various agencies charged with overseeing these special places. These terms, their connotations, and how they are used within this report are detailed below.

Historic	Refers to landscape features, buildings, or materials that relate to a distinct time period within the history of the site; typically used to refer to a period of significance.
Landscape	Includes all aspects of the site including but not limited to buildings, roads, sidewalks, small-scale structures, site furnishings, vegetation, utilities, topography, and hydrology.
Visual Character	The cumulative visual effect of the size, materiality, form, color, texture, workmanship, and condition of elements in the landscape.

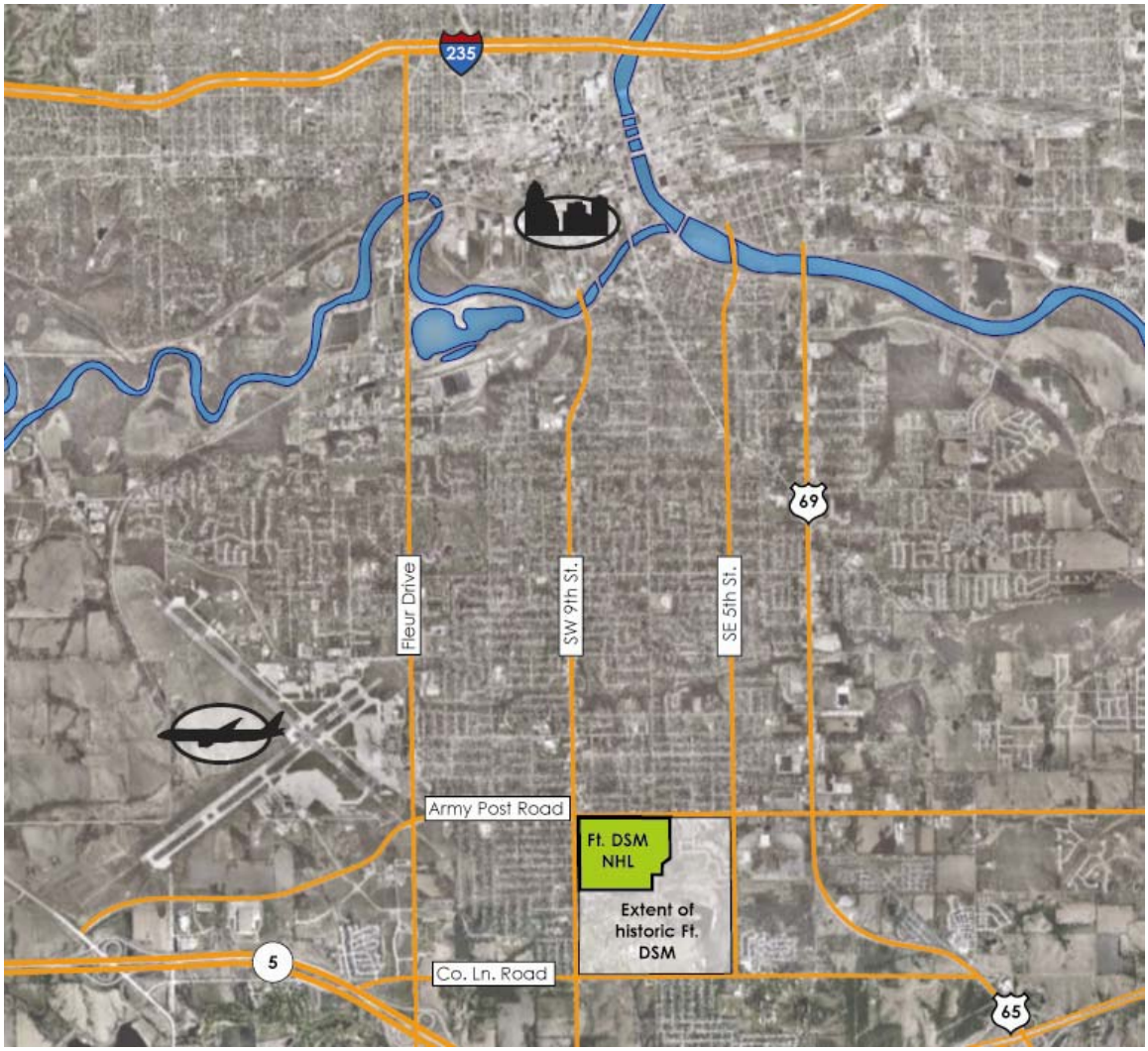
Resource Materials and Photo Credits

Many sources of information were utilized to develop this report. Refer to the Bibliography sections at the end of this report for all resource materials. Historic imagery contained within this report is based on the research and personal collections of Penelope A. Blake, Ph.D.

Fort Des Moines National Historic Landmark

Location

The Fort Des Moines National Historic Landmark (NHL) is located approximately four miles south of downtown Des Moines, Iowa. Originally, the fort grounds consisted of approximately 640 acres bounded by the present-day Army Post Road to the north, SW 9th Street to the west, SE 5th Street to the east, and County Line Road to the south. Presently, Polk County's Fort Des Moines Park, Blank Park Golf Course, Blank Park Zoo, and other residential and commercial development occupy most of the historic fort grounds. The Fort Des Moines Historic Landmark consists of the northwestern corner of the original fort site. See the following maps for location and street names surrounding and internal to the site.



Context Map

Note: In all landscape plans, the red-dashed line shown above represents the National Landmark Boundary as defined by the National Register of Historic Places. In some cases, the boundary line is imposed on older, historic depictions of the fort grounds to give context to the growth and decline of the landscape and structures.

Historic Summary

The name Fort Des Moines has, over the past 170 years, described three separate forts located in Iowa. Fort Des Moines I was initially established at Keokuk in the early 1830s and Fort Des Moines II was subsequently established at the confluence of the Des Moines and Raccoon Rivers in Des Moines in the 1840s. The current Fort Des Moines National Historic Landmark is the third incarnation of the fort and was developed around the turn of the twentieth century.

Plans for the current fort began in 1900 with the location of land suitable for the post. Funding was made available by Congress in 1903 and construction on Fort Des Moines III began shortly thereafter. The heart of the fort was the approximately 40-acre parade ground. Surrounding the parade ground were barracks for enlisted men, officer's quarters, and administrative buildings. Because the fort was founded as a cavalry base, additional buildings were constructed to stable horses and support fort operations. Many units and regiments of cavalry and infantry units were stationed at Fort Des Moines between 1903 and 1908. Some of the troops that were initially stationed at the fort were dispatched to Cuba in the continuing aftermath of the Spanish-American War and others were sent to Mexico.

From May through October 1917, Fort Des Moines was used as a black officer's training facility for the 17th Provisional Training Regiment. The regiment became the first officer candidate class of African-Americans in United States military history. Initially, soldiers were to receive their commissions on September 15th but the commissions were delayed by a month until October 15th. Many officer candidates left the school and went home suspecting the delay meant they would not receive their commission. This delay is cited as one reason the 1,250 officer candidate class yielded 639 commissioned black officers. In 1918, Fort Des Moines again changed use, when General Hospital #26 opened at the post to treat soldiers injured during World War I.

Beginning in 1920 and extending through the 1930s a series of cavalry and field artillery regiments were stationed at Fort Des Moines. Between 1933 and 1934 a Civilian Conservation Corps (CCC) camp was up at the fort. In 1937, a second lieutenant Ronald Reagan trained at Fort Des Moines with the 14th Cavalry and received his commission; he would later become President of the United States.

After the United States entered World War II, Fort Des Moines became the first of three induction and training centers for the Women's Army Auxiliary Corps, later known as the Women's Army Corps or WACs. Fort Des Moines was the largest WAC post and the only one in the country to train women to become non-combat duty officers. The WACs were active at the fort from 1942 through 1946 after which the fort was used to house veterans. Eventually the site came into the ownership of the City of Des Moines by the early 1950s. Parcels of the fort have been sold to various public

Street Names & Contributing Structures Map

and private entities since the federal government gave up ownership.

The site was nominated to the National Register and became a National Historic Landmark in 1976; this is the highest level of recognition a historic property can receive. The fort was recognized for its role in black military history while it served as the home of the black officer's provisional training center in 1917. Additionally, the fort was recognized for the contributions of Hospital #26 to serving the injured veterans of WWI with nationally acknowledge specialties in orthopedic surgery. The nomination also noted the service of the more than 72,000 WACs that completed training at Fort Des Moines.

Today, the remains of Fort Des Moines are in a state of disrepair ranging from structures in need of stabilization to ones that are uninhabitable and may fall apart in the coming years unless preservation measures are taken. Similarly the landscape of the fort has suffered from encroaching and incompatible uses; viewsheds are compromised and the original character of the fort's landscape is no longer visible in places. Perhaps most notably for the landscape, the majestic elms that lined the parade ground are missing.

Building 58 - Barracks

Description and History

Completed in 1904; cost of $61,627.86; Quartermaster General's Plan 75G.
36' 4" x 39' 4" main building, with 103' 4" x 39' 4" west wing; approx. 22,000 s.f., including basement, 1st floor, 2nd floor and full attic.

Located on Gruber Street, directly west of Building 55/56, this structure began as one half of a double barracks identical to Building 55/56. In 1930 fire destroyed the east half of the barracks constituting Building 57.

Building 58 has red brick walls, gabled roofs, and a rusticated limestone foundation. The brick is joined in running bond with red pigmented mortar. The original slate roofing has been replaced with asphalt shingles, and the attached galvanized gutters and downspouts are newer replacements. The cornice is original, fashioned with molded wood trim, with returned eaves. A two-story porch once ran the full length of the front elevation; it was roofed and supported by turned columns. On the south side, the back of the main building had a similar two-story porch, and the ends of each wing had a roofed, one-story porch. Beneath the porches the limestone foundation was rough-laid. Today, the only remaining original porch is at the rear of the west wing.

Doorway and window openings throughout the building have segmental arches, and windows have limestone lug sills. Above the basement level, the original windows were double-hung with a two-over-two light design; basement windows were either awning or hopper type. The front gable of the remaining west wing has windows in Palladian style. At the foundation, a cellar hatch is located on the west side near the northwest corner. There are fire escapes on both the east and west sides of the remaining west wing. The parapet fire wall now stands as the east exterior wall of the main building; it is covered with red-pigmented stucco. On the roof are four original red brick chimneys; there are two ridge-top ventilators. The building was equipped with electricity, running water and steam heating.

The 1987 HABS report described the interior of this building as having original plastered walls and wooden floors. Interior remodeling over the years included drywall partitions, masonite sheet flooring, lowered plaster ceilings, and fluorescent lighting. Similar to Building 55/56, the report described floor girders supported by steel pipe columns, and the same prominent central stair with balustraded banister.

Like Building 55/56, this barracks served as hospital wards for World War I soldiers during the years 1918 – 1919. In December, 1930, fire destroyed the east half of the building and caused major damage to the west half. Restoration of Building 58 took place in 1932, while restoration of the gutted Building 57 was deferred pending availability of funding. That proposed work never won army approval, and the shell of Building 57 was subsequently torn down. By 1933 the Civilian Conservation Corps was using Building 58. In 1941 the building was used as a reception center for recruits; and WACs were housed here in 1942 – 1946.

Physical changes to the exterior include the asphalt shingles, the removal of porches, and the

Building 58

boarding over of windows. The exposed fire wall on the east side is obviously different and looks nothing like the other elevations. The HABS report described fire related restoration work in the attic which included a concrete floor, steel trusses and purlins, and tongue-in-groove decking. At the time of the HABS report the building was vacant, and in good to fair condition.

The 1991 Building Maintenance Plan lists the condition of Building 58 as poor. At the time of this assessment slate roof tiles were loose and there was considerable leakage. There was deterioration of the masonry mortar throughout the building façade. The stucco on the east side of the building was in severe deterioration. The remaining rear porch was deteriorating extensively. Many of the windows were covered over, and broken panes were noted for many others. Pealing paint was noted throughout the exterior and interior. Widespread animal damage was noted to be contributing to the building's interior deterioration.

Significance

As part of a historic district and National Historic Landmark, Building 58 is listed as a Contributing Historic Structure by the National Register of Historic Places.

In the 1991 Building Maintenance Plan, the significance of this building was listed as Category I – Historic properties of great importance which contribute significantly to the national cultural heritage or that of the installation and its environs, and which must be preserved.

Despite loss of one half of the building, prominent size and location within the line of similar barracks, early construction date, and important and typical function illustrate fort life over several decades. Through the years, Building 58 has been put into service for various uses, most significantly as housing for cavalry, for black officer candidates, and for WAC trainees.

Current Condition Assessment

Building 58 is currently owned by Tempus Utile LC; it is vacant.

The foundation remains in good condition. The stone walls of the cellar entrance have settled causing damage to the brick masonry above. The brick walls are in fair condition, with open joints and mortar deterioration particularly around window locations. The stucco on the east wall is failing. Most of the windows and doors are boarded over. It is likely all the original windows remain, but in poor to very poor condition.

Overall, the roof appears in fair condition. The roof structure is not visibly sagging or failing; the asphalt shingles are intact, although old and in need of replacement; the gutters and downspouts appear to be functioning. The original cornice is intact, but the wood is showing obvious decay. Paint on all of the exterior wood is worn thin or is missing. The chimneys appear in good condition. The remaining original porch on the south side continues to deteriorate. Existing replacement porches on the north and south sides of the main building are deteriorating and hazardous.

The surrounding grounds are well maintained, with only a few weeds and vines. Some of the downspouts are not properly discharging away from the building foundation.

Building 58

Minimal maintenance has helped preserve Building 58, and it appears to be in more stable condition than it was at the time of the 1991 assessment, although the many years of sitting empty have caused this building to be in worse condition now than when the HABS condition assessment was prepared in 1987.

North Elevation

West Elevation

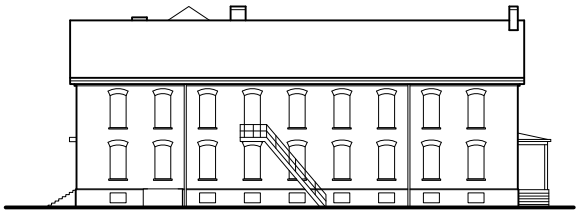
South Elevation

East Elevation

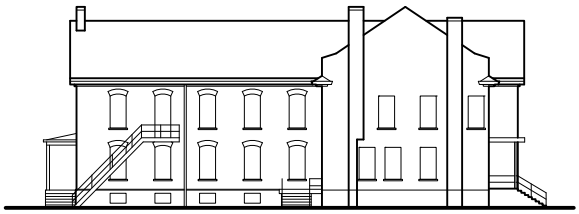
Building 58

North Elevation

South Elevation



West Elevation



East Elevation

Building 58

Building 81/83 – Stables

Description and History

Completed in 1904; cost of $37,664.42; Quartermaster General's Plan 139.
21,112sf of floor space; 205' 0" x 215' 0" overall plan dimension.

Similar to Buildings 68/70 and 71/73, also fronting Thayer Street, this structure served as a stable barn for cavalry mounts and later as barracks. Originally two separate structures, a connection was built in 1935 linking the two in an H-shape configuration. The building rests on a limestone water table foundation, has brick walls joined in running bond using red-pigmented mortar and is topped by a clerestory gabled slate roof. Openings have segmental arches and windows had plain lug limestone sills. The southern additions were supported with concrete foundations and topped with asphalt shingles.

The building was equipped with electrical lighting, while only building 81 was heated by stove.

Various openings throughout have been modified for different building uses. Vestibules were later added on the buildings north and west sides.

As of 1987 the structure was utilized as storage for the U.S. Army Reserve and was in fair to poor condition.

(paraphrasing from Beving Long 1991 Building Maintenance Plan)
Condition – poor
At the time of this assessment problem areas include severely deteriorated roof, extensive brick and mortar deterioration with numerous areas lacking face brick, extensive deterioration or missing cornice wood and heating unit addition found in ruins.

Significance

As part of a historic district and National Historic Landmark, Building 81/83 is listed as a Contributing Historic Structure. (from the Nomination Form for the National Register of Historic Places)

(paraphrasing from Beving Long 1991 Building Maintenance Plan)
Category I – Historic properties of great importance which contribute significantly to the national cultural heritage or that of the installation and its environs, and which must be preserved.

By definition, a cavalry post makes provision for horses. The several remaining former stables illustrate directly the design and use of a cavalry post from the period. In addition, the building was used as a WAAC barracks during WWII, a second key theme in the historical development and use of the fort.

(Categorization from Department of the Army, Technical Manual 5-801-1.)

Building 81/83

Current Condition Assessment

Building 81/83 is currently owned by Virgil Moore.

The limestone foundation remains in fair condition with open joints visible. The brick walls are in poor to very poor condition, with significant amounts of deterioration and missing brick throughout. Numerous openings have been altered or fill in. The remaining windows and doors are original, most boarded over and are in poor condition.

The asphalt roof appears to be in poor condition on the original building and the southern additions. The original wood trim and rafters appear to be in fair condition but in need of new paint. Gutters have been removed, while metal flashing on roof edges has been installed. The structure connecting each stable is similar in character to the south additions and has resisted deterioration more so than the original 1904 stables.

As noted in the 1991 Beving Long 1991 Building Maintenance Plan, a later addition housing heating equipment is in a state of ruin, lacking windows, doors or roof.

The surrounding grounds are somewhat maintained with minimal amounts of weeds. The southern side of the building and areas in between have not been maintained and have reverted back to prairie.

Due to the passage of time and lack of maintenance, Building 81/83 appears to be in worse condition now than it was when the HABS condition assessment was prepared in 1987.

Building 81/83

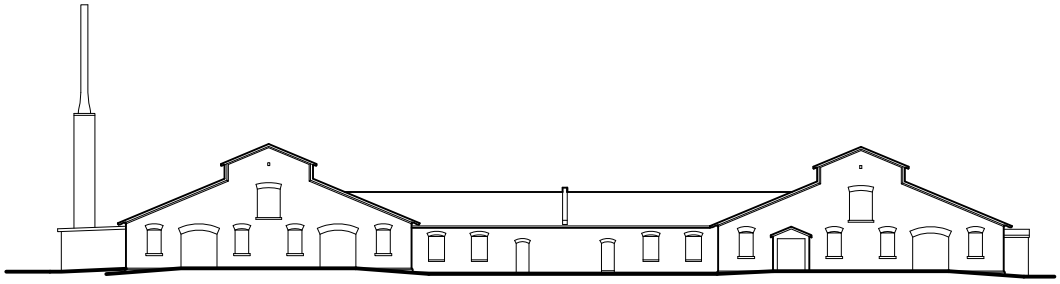
North Elevation

West Elevation

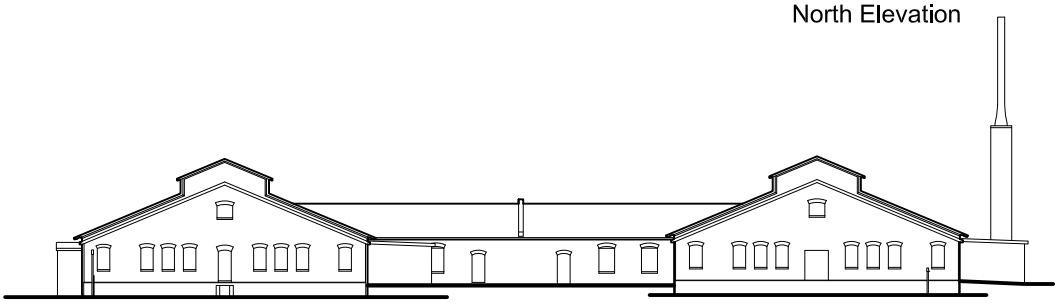
South Elevation

East Elevation

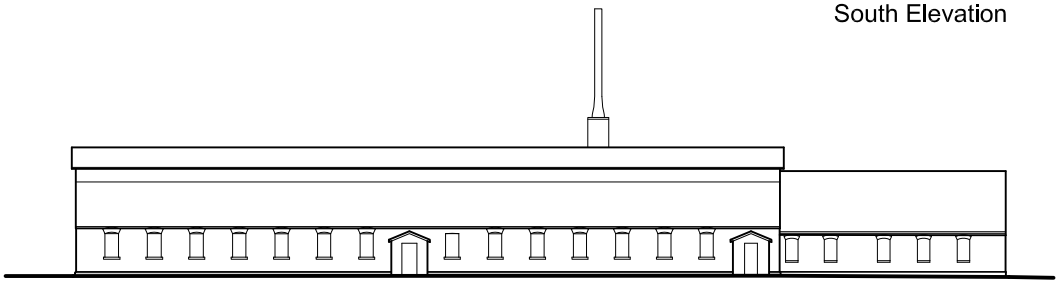
Building 81/83



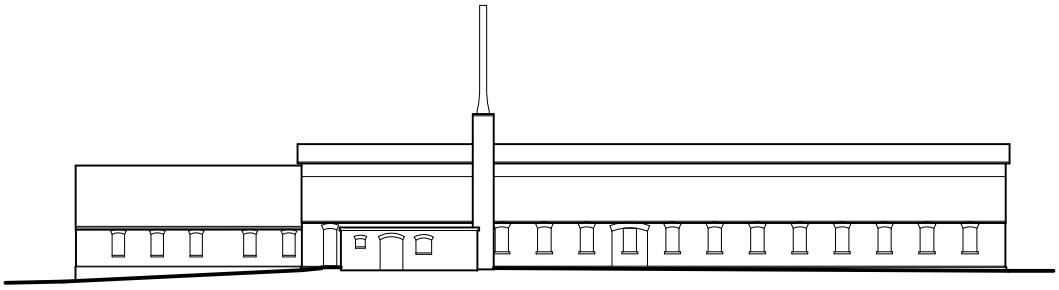
North Elevation



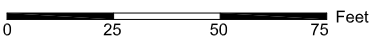
South Elevation



West Elevation



East Elevation



Building 81/83

Fields of Opportunities

STATE OF IOWA

TERRY E. BRANSTAD, GOVERNOR
KIM REYNOLDS, LT. GOVERNOR

DEPARTMENT OF NATURAL RESOURCES
ROGER L. LANDE, DIRECTOR

June 30, 2011

John Miller
U.S. Army Corps of Engineers, NWO
Attn. CENWO-PM-HA
1616 Capitol Avenue
Omaha, Nebraska 68102-1620

Re: Split Sample Results, Fort Des Moines, FUDS Property No. B07IA0729
Polk County, Iowa

Dear Mr. Miller

The Iowa Department of Natural Resources, Contaminated Sites Section (IDNR), has analyzed the split soil samples collected during the field work at the Fort Des Moines Pistol Range on June 22, 2011. The analysis was done utilizing EPA method 6200 and a NITON XLt 793WY X-ray Fluorescence Metal Analyzer with the results representing total metals. The results for the 13 split samples are attached.

During field work actions the geophysical and visual survey showed no indication of lead projectiles at the back stop or shell casings at the firing line. Discussions between Shaw's field staff and IDNR concluded reclamation efforts must have taken place at the site most likely during World War II to help support the war efforts. In any case, sample analysis indicates no lead or antimony exists at the site above background levels.

If you have any questions or need further information please feel free to call or e-mail at (515) 281-4171 or dan.cook@dnr.iowa.gov.

Sincerely,

Daniel Cook
Environmental Specialist Senior
Contaminated Sites Section

att: Site Specific Work Plan Split Sample Results

c: Greg Sisco Shaw Environmental Inc., 312 Directors Drive, Knoxville, Tennessee 37923

Iowa DNR Field Office 5

502 EAST 9th STREET / DES MOINES, IOWA 50319-0034
PHONE 515-281-5918 FAX 515-281-8895 www.iowadnr.gov

Site Specific Work Plan Split Sample Results

Fort Des Moines Pistol Range (FUDS Property No. B07IA0729)

Des Moines, Polk County, Iowa

NITON XRF Metals Analysis Method EPA 6200 (Modified) in mg/kg

Shallow Soil Samples (0-6 inches) Average of Four Runs

	*Antimony (Sb)	Tin (Sn)	*Cadmium (Cd)	Silver (Ag)	Strontium (Sr)	Rubidium (Rb)	Lead (Pb)	Selenium (Se)	*Arsenic (As)	Mercury (Hg)	Zinc (Zn)	Copper (Cu)	Nickel (Ni)	Cobalt (Co)	Iron (Fe)	Manganese (Mn)	Chromium (Cr)	Vanadium (V)	Titanium (Ti)	Scandium (Sc)	Calcium (Ca)	Potassium (K)
Statewide Standard	31.00	NL	39.00	390.00	47,000.00	NL	400.00	390.00	1.40	32.00	23,000.00	NL	1,600.00	NL	NL	11,000.00	230.00	550.00	NL	NL	NL	NL
Detection Limit	40.0	20.0	40.0	40.0	20.0	15.0	10.0	5.0	5.0	5.0	20.0	20.0	20.0	200.0	200.0	200.0	20.0	100.0	200.0	20.0	200.0	200.0
NWO-177-5001	< LOD	< LOD	< LOD	< LOD	112.72	75.05	26.62	< LOD	9.15	5.00	56.26	< LOD	< LOD	< LOD	18,957.31	748.00	80.54	248.60	4,055.12	< LOD	6,399.75	18,398.97
	< LOD	< LOD	< LOD	< LOD	112.72	75.36	26.30	< LOD	9.66	5.00	51.97	< LOD	< LOD	< LOD	19,298.18	662.51	45.08	225.24	3,883.68	< LOD	6,249.32	18,351.03
	< LOD	< LOD	< LOD	< LOD	113.23	69.30	22.30	< LOD	10.46	7.27	52.91	< LOD	< LOD	< LOD	19,281.66	740.75	89.37	221.08	3,874.00	< LOD	6,502.68	18,506.26
	< LOD	< LOD	< LOD	< LOD	108.84	69.04	21.29	< LOD	13.38	6.16	60.83	< LOD	< LOD	< LOD	19,527.35	796.62	77.96	218.88	4,046.02	< LOD	6,566.32	18,388.18
Average	< LOD	< LOD	< LOD	< LOD	111.88	72.19	24.13	< LOD	**10.66**	5.86	55.49	< LOD	< LOD	< LOD	19,266.13	736.97	73.24	228.45	3,964.71	< LOD	6,429.52	18,411.11
NWO-177-5002	40.00	< LOD	< LOD	< LOD	181.08	59.99	21.87	< LOD	5.00	5.00	49.22	< LOD	< LOD	< LOD	16,372.03	662.97	36.76	183.77	3,214.48	20.00	48,864.64	16,447.63
	40.00	< LOD	< LOD	< LOD	178.31	54.94	15.06	< LOD	5.00	8.71	51.98	< LOD	< LOD	< LOD	16,310.97	683.54	70.37	100.00	3,263.77	20.00	49,462.39	16,390.83
	53.44	< LOD	< LOD	< LOD	185.49	62.20	14.51	< LOD	5.00	5.00	47.26	< LOD	< LOD	< LOD	16,873.15	707.70	48.87	100.00	3,225.86	20.00	49,758.13	16,395.58
	40.00	< LOD	< LOD	< LOD	182.88	55.43	17.96	< LOD	8.28	5.00	49.54	< LOD	< LOD	< LOD	16,652.74	633.86	58.05	255.65	3,300.43	73.74	49,827.85	16,604.36
Average	**43.36**	< LOD	< LOD	< LOD	181.94	58.14	17.35	< LOD	**5.82**	5.93	49.50	< LOD	< LOD	< LOD	16,552.22	672.02	53.51	159.86	3,251.14	33.44	49,478.25	16,459.60
NWO-177-5003	< LOD	< LOD	< LOD	< LOD	105.88	75.29	24.04	< LOD	9.20	7.04	53.29	31.27	52.50	< LOD	16,614.05	688.17	67.56	< LOD	4,014.82	20.00	6,154.24	18,636.75
	< LOD	< LOD	< LOD	< LOD	102.65	73.60	21.75	< LOD	9.51	5.00	70.39	20.00	20.00	< LOD	16,366.66	661.15	66.46	< LOD	3,995.58	34.35	6,207.99	18,330.29
	< LOD	< LOD	< LOD	< LOD	106.18	77.02	33.40	< LOD	5.00	5.00	77.90	20.00	20.00	< LOD	16,794.95	686.80	83.16	< LOD	4,003.79	20.00	5,907.29	18,668.75
	< LOD	< LOD	< LOD	< LOD	106.00	74.56	19.93	< LOD	9.20	5.00	77.46	20.00	20.00	< LOD	16,223.97	682.64	61.90	< LOD	4,045.71	20.00	6,374.50	18,430.25
Average	< LOD	< LOD	< LOD	< LOD	105.18	75.12	24.78	< LOD	**8.23**	5.51	69.76	22.82	28.13	< LOD	16,499.91	679.69	69.77	< LOD	4,014.98	23.59	6,161.01	18,516.51
NWO-177-5004	< LOD	< LOD	< LOD	< LOD	117.88	65.04	30.13	5.00	9.21	8.54	210.25	< LOD	20.00	200.00	40,305.64	645.91	68.11	229.48	4,015.43	56.66	17,713.49	16,903.57
	< LOD	< LOD	< LOD	< LOD	122.08	64.67	29.60	5.00	12.31	5.00	184.92	< LOD	20.00	410.64	41,253.24	515.69	49.29	301.76	4,073.69	20.00	17,908.25	16,432.93
	< LOD	< LOD	< LOD	< LOD	124.28	59.09	28.36	5.00	11.89	7.40	220.65	< LOD	60.61	200.00	41,938.77	632.63	54.89	100.00	3,974.79	49.92	17,987.63	16,791.77
	< LOD	< LOD	< LOD	< LOD	128.47	63.88	34.37	5.68	5.00	9.34	211.40	< LOD	72.53	200.00	43,054.04	590.28	75.37	100.00	3,882.08	20.00	17,741.82	16,691.04
Average	< LOD	< LOD	< LOD	< LOD	123.18	63.17	30.62	5.17	**9.60**	7.57	206.81	< LOD	43.29	252.66	41,637.92	596.13	61.92	182.81	3,986.50	36.65	17,837.80	16,704.83
NWO-177-5005	< LOD	< LOD	< LOD	< LOD	132.30	69.54	18.04	< LOD	10.59	5.00	67.14	< LOD	< LOD	200.00	21,530.96	748.92	53.92	354.28	3,713.88	35.48	10,540.72	17,797.33
	< LOD	< LOD	< LOD	< LOD	130.83	65.00	21.19	< LOD	5.00	5.00	75.38	< LOD	< LOD	200.00	21,953.42	607.99	67.50	100.00	3,664.15	20.00	10,798.29	17,876.66
	< LOD	< LOD	< LOD	< LOD	132.00	61.28	23.26	< LOD	13.62	6.65	58.48	< LOD	< LOD	200.85	20,882.99	637.85	61.75	324.86	3,646.75	20.00	10,665.69	17,811.13
	< LOD	< LOD	< LOD	< LOD	135.51	65.31	25.21	< LOD	8.13	5.00	76.27	< LOD	< LOD	200.00	20,993.73	567.76	89.82	219.69	3,697.88	20.00	10,547.23	17,195.05
Average	< LOD	< LOD	< LOD	< LOD	132.66	65.28	21.93	< LOD	**9.34**	5.41	69.32	< LOD	< LOD	200.21	21,340.28	640.63	68.25	249.71	3,680.67	23.87	10,637.98	17,670.04
NWO-177-5006	40.00	< LOD	< LOD	< LOD	113.77	69.05	21.99	< LOD	9.63	7.11	55.27	< LOD	62.46	200.00	19,403.97	765.40	61.63	183.99	3,750.07	< LOD	10,211.77	18,090.44
	40.00	< LOD	< LOD	< LOD	108.75	65.24	23.16	< LOD	5.00	5.00	65.89	< LOD	54.06	200.00	19,450.13	723.89	47.47	100.00	3,851.71	< LOD	10,467.89	18,058.81
	40.00	< LOD	< LOD	< LOD	115.55	64.49	24.23	< LOD	14.00	7.22	64.20	< LOD	20.00	212.31	19,814.13	687.06	79.17	197.62	3,860.93	< LOD	10,375.55	18,047.10
	56.14	< LOD	< LOD	< LOD	115.19	71.02	21.98	< LOD	8.84	5.00	62.89	< LOD	20.00	200.00	19,652.10	730.44	67.28	216.29	3,687.46	< LOD	10,610.29	18,280.56
Average	**44.04**	< LOD	< LOD	< LOD	113.32	67.45	22.84	< LOD	**9.37**	6.08	62.06	< LOD	39.13	203.08	19,580.08	726.70	63.89	174.48	3,787.54	< LOD	10,416.38	18,119.23
NWO-177-5007	40.00	< LOD	< LOD	< LOD	116.64	66.98	25.33	< LOD	8.42	5.00	54.31	< LOD	20.00	< LOD	18,857.77	821.39	68.97	100.00	3,903.47	20.00	9,044.88	18,647.33
	40.00	< LOD	< LOD	< LOD	126.46	67.43	27.52	< LOD	5.00	7.84	57.78	< LOD	74.06	< LOD	19,517.87	718.56	62.12	290.41	3,941.29	20.00	9,100.30	18,281.07
	51.04	< LOD	< LOD	< LOD	121.25	64.42	22.56	< LOD	8.56	5.00	62.87	< LOD	20.00	< LOD	18,853.66	730.34	71.81	240.87	3,944.73	33.09	9,053.65	18,258.37
	40.00	< LOD	< LOD	< LOD	114.82	73.20	26.38	< LOD	12.24	5.00	53.45	< LOD	20.00	< LOD	18,788.08	765.43	53.84	304.99	4,048.11	20.00	9,506.75	18,300.27
Average	**42.76**	< LOD	< LOD	< LOD	119.79	68.01	25.45	< LOD	**8.56**	5.71	57.10	< LOD	33.52	< LOD	19,004.35	758.93	64.19	234.07	3,959.40	23.27	9,176.40	18,371.76

	*Antimony (Sb)	Tin (Sn)	*Cadmium (Cd)	Silver (Ag)	Strontium (Sr)	Rubidium (Rb)	Lead (Pb)	Selenium (Se)	*Arsenic (As)	Mercury (Hg)	Zinc (Zn)	Copper (Cu)	Nickel (Ni)	Cobalt (Co)	Iron (Fe)	Manganese (Mn)	Chromium (Cr)	Vanadium (V)	Titanium (Ti)	Scandium (Sc)	Calcium (Ca)	Potassium (K)
Statewide Standard	31.00	NL	39.00	390.00	47,000.00	NL	400.00	390.00	1.40	32.00	23,000.00	NL	1,600.00	NL	NL	11,000.00	230.00	550.00	NL	NL	NL	NL
Detection Limit	40.0	20.0	40.0	40.0	20.0	15.0	10.0	5.0	5.0	5.0	20.0	20.0	20.0	200.0	200.0	200.0	20.0	100.0	200.0	20.0	200.0	200.0
NWO-177-5008	< LOD	< LOD	< LOD	< LOD	123.36	61.89	42.84	5.00	5.00	5.00	76.87	< LOD	< LOD	200.00	14,824.04	935.59	50.49	246.22	4,084.37	< LOD	7,535.71	17,661.90
	< LOD	< LOD	< LOD	< LOD	117.42	64.79	38.47	5.00	5.00	5.00	78.79	< LOD	< LOD	200.00	14,637.44	873.08	68.32	100.00	4,062.66	< LOD	7,466.19	18,298.66
	< LOD	< LOD	< LOD	< LOD	131.99	64.87	34.27	4.81	14.83	7.68	70.93	< LOD	< LOD	200.00	14,863.60	969.71	45.28	179.34	4,094.70	< LOD	7,443.00	17,940.97
	< LOD	< LOD	< LOD	< LOD	119.16	60.71	34.58	5.00	12.98	6.24	65.01	< LOD	< LOD	217.73	14,455.78	804.34	20.00	100.00	4,184.42	< LOD	7,601.47	18,120.26
Average	< LOD	< LOD	< LOD	< LOD	122.98	63.07	37.54	4.95	**9.45**	5.98	72.90	< LOD	< LOD	204.43	14,695.22	895.68	46.02	156.39	4,106.54	< LOD	7,511.59	18,005.45
NWO-177-5009	40.00	< LOD	< LOD	< LOD	122.45	67.58	23.15	< LOD	10.71	5.00	53.32	< LOD	20.00	< LOD	16,402.89	769.07	80.91	255.19	4,181.22	20.00	6,351.30	17,974.07
	40.00	< LOD	< LOD	< LOD	127.12	64.63	32.36	< LOD	5.00	5.00	31.30	< LOD	20.00	< LOD	16,353.13	733.58	65.73	200.51	4,272.33	32.40	6,483.01	17,652.66
	40.00	< LOD	< LOD	< LOD	121.32	64.25	26.75	< LOD	7.85	8.46	50.36	< LOD	57.75	< LOD	16,287.34	773.83	70.62	259.99	4,312.37	20.00	6,709.14	17,681.78
	53.44	< LOD	< LOD	< LOD	125.72	67.62	28.12	< LOD	5.00	5.00	51.59	< LOD	55.75	< LOD	16,798.72	744.94	74.33	222.72	4,177.59	20.00	6,419.63	17,599.72
Average	**43.36**	< LOD	< LOD	< LOD	124.15	66.02	27.60	< LOD	**7.14**	5.87	46.64	< LOD	38.38	< LOD	16,460.52	755.36	72.90	234.60	4,235.88	23.10	6,490.77	17,727.06
NWO-177-0001	40.00	< LOD	< LOD	< LOD	146.19	64.00	14.52	< LOD	10.73	7.74	51.88	< LOD	56.63	< LOD	19,866.76	517.88	83.12	248.28	4,132.84	20.00	7,312.73	17,999.93
	40.00	< LOD	< LOD	< LOD	149.15	59.21	18.64	< LOD	5.00	5.00	53.49	< LOD	20.00	< LOD	19,844.92	543.85	90.21	100.00	4,241.43	20.00	7,286.32	17,616.09
	40.00	< LOD	< LOD	< LOD	143.46	60.66	16.64	< LOD	10.08	5.00	67.86	< LOD	20.00	< LOD	19,545.44	543.88	117.01	100.00	4,336.60	40.14	7,222.94	17,773.08
	73.59	< LOD	< LOD	< LOD	150.77	65.78	19.52	< LOD	11.54	6.62	64.96	< LOD	59.44	< LOD	20,209.13	562.31	83.53	327.69	4,251.66	37.84	7,052.66	18,254.31
Average	**48.40**	< LOD	< LOD	< LOD	147.39	62.41	17.33	< LOD	**9.34**	6.09	59.55	< LOD	39.02	< LOD	19,866.56	541.98	93.47	193.99	4,240.63	29.50	7,218.66	17,910.85
NWO-177-0002	< LOD	< LOD	< LOD	< LOD	129.34	66.10	16.57	< LOD	10.24	5.00	56.19	< LOD	< LOD	< LOD	21,085.09	583.74	55.65	201.70	4,488.40	< LOD	7,055.70	18,838.04
	< LOD	< LOD	< LOD	< LOD	129.78	64.74	15.95	< LOD	12.65	5.00	52.07	< LOD	< LOD	< LOD	21,619.85	606.08	49.40	100.00	4,325.70	< LOD	6,781.85	18,019.10
	< LOD	< LOD	< LOD	< LOD	125.43	65.33	23.42	< LOD	5.00	5.00	57.92	< LOD	< LOD	< LOD	21,358.20	539.90	20.00	234.80	4,465.21	< LOD	6,883.55	18,450.64
	< LOD	< LOD	< LOD	< LOD	121.71	63.64	21.40	< LOD	7.97	8.32	63.57	< LOD	< LOD	< LOD	20,850.80	358.64	68.24	280.27	4,413.76	< LOD	6,653.20	18,253.19
Average	< LOD	< LOD	< LOD	< LOD	126.57	64.95	19.34	< LOD	**8.97**	5.83	57.44	< LOD	< LOD	< LOD	21,228.49	522.09	48.32	204.19	4,423.27	< LOD	6,843.58	18,390.24
NWO-177-0003	< LOD	< LOD	< LOD	< LOD	124.94	62.54	22.73	< LOD	5.00	5.00	45.68	< LOD	< LOD	< LOD	19,626.88	574.65	57.31	< LOD	4,563.53	< LOD	6,411.07	17,382.89
	< LOD	< LOD	< LOD	< LOD	119.01	67.51	14.66	< LOD	10.63	5.00	53.66	< LOD	< LOD	< LOD	19,680.38	468.90	36.68	< LOD	4,668.74	< LOD	6,578.04	17,250.48
	< LOD	< LOD	< LOD	< LOD	118.17	61.61	20.82	< LOD	5.00	7.62	43.74	< LOD	< LOD	< LOD	19,224.79	589.03	42.35	< LOD	4,577.43	< LOD	6,486.59	17,077.58
	< LOD	< LOD	< LOD	< LOD	127.38	62.62	22.87	< LOD	9.62	5.00	61.28	< LOD	< LOD	< LOD	19,497.50	553.96	62.27	< LOD	4,734.92	< LOD	6,658.71	17,349.47
Average	< LOD	< LOD	< LOD	< LOD	122.38	63.57	20.27	< LOD	**7.56**	5.66	51.09	< LOD	< LOD	< LOD	19,507.39	546.64	49.65	< LOD	4,636.16	< LOD	6,533.60	17,265.11
NWO-177-0004	< LOD	< LOD	< LOD	< LOD	133.97	61.84	18.39	< LOD	11.64	5.00	54.92	< LOD	20.00	216.63	18,786.44	584.34	67.76	207.13	4,347.85	20.00	6,798.65	18,090.78
	< LOD	< LOD	< LOD	< LOD	131.50	58.61	13.95	< LOD	12.04	8.01	58.31	< LOD	20.00	200.00	18,678.41	577.83	56.46	251.10	4,445.79	36.66	6,586.07	17,841.56
	< LOD	< LOD	< LOD	< LOD	134.19	63.15	14.92	< LOD	13.50	5.00	58.90	< LOD	20.00	200.00	18,626.27	570.94	58.25	100.00	4,400.85	20.00	6,642.74	17,554.78
	< LOD	< LOD	< LOD	< LOD	137.16	65.72	15.99	< LOD	12.28	5.00	54.16	< LOD	57.91	200.00	19,166.24	573.78	67.41	214.10	4,502.61	31.05	6,655.02	18,112.02
Average	< LOD	< LOD	< LOD	< LOD	134.21	62.33	15.81	< LOD	**12.37**	5.75	56.57	< LOD	29.48	204.16	18,814.34	576.72	62.47	193.08	4,424.28	26.93	6,670.62	17,899.79

All values in mg/kg.

<LOD - Limit of Detection, metal below the XRF detection limit for the 90 second test duration.

Statewide Standard - Soil standard from IAC-567-137, the Iowa Land Recycling Program.

NL - Metal not listed in the Iowa Land Recycling Program Statewide Standards for Soils.

Bold Numbers - Exceed the Statewide Standard.

Detection Limit - Detection limit for the NITON Model XLt 793WY X-ray Fluorescence Metal Analyzer.

Numbers in red were below NITON detection limit (<LOD) but replaced with detection limit for averaging purpose.

*Limit of Detection exceeds the Statewide Standard

All samples colleced on June 22, 2011

OFFICE DEN

DRAWN BY M. Mireiter 8/15/11

DRAWING NUMBER 177_FtDesMoines_034_AppendixL_1_SI

NOTES:
1) Aerial photograph was obtained from the Iowa State University GIS Facility website (http://ortho.gis.iastate.edu/) and is dated 1967.

N

0 175 350 700 Feet

REFERENCE/PROJECTION: NAD 83 UTM Zone 15N

FIGURE L-1

HISTORICAL AERIAL PHOTOGRAPH

FORT DES MOINES
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Omaha District

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