**Site Name:**
**White Transfer and Storage Webster City, Iowa**

Initial Site Screening (ISS)

**CON 12-15**
**Doc #30265**

Project Manager: Matt Culp

Date: December 12, 2014

☐ **3931 - Phase II Assessment Review – Brownfield Funded**
Phase II submitted as part of standard real estate development, pre-purchase agreement, or other due diligence, not a part of a community grant project, or

☐ **3837 - Phase II Assessment – Brownfield Grant Funded**
Phase II submitted as part of an EPA grant funded community-wide or targeted assessment project – see Mel Pins if questions on this determination, or

☒ **3321 - Phase II Assessment Review – CERCLA Pre-Remedial Funded**
Phase II submitted that is not part of a real estate transaction

***Location:***

*Latitude: 42.4706* *Longitude: 93.8220* ***County**: Hamilton*
*(Decimal Degree format)*

***USGS Quadrant: Webster City***

***Site Size: 5600***

***Site Dimension:*** ☐ Acres ☒ Square Feet ☐ Feet ☐ Square Miles ☐ Miles

***Site Alias Name(s): SBA Lease property- Version Wireless cell tower***

***Congressional District: 4th***

***Grant Recipient Name, Address & Contact: NA***

***Current Owner & Address: Brian Bilyeu, Webster City Properties LLC, 3020 104th Lane NE Blaine, MN 55449***

***Responsible Party Name(s) & Address, if different from current owner:***

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***Site Street Address or Tier, Range, Section & Subsections (if street address is unknown)***
***Des Moines and 2nd Street, Webster City, Iowa***

***Directions to site: From Des Moines travel north on interstate I-35. Turn west on State highway 20. Turn north on Superior Street. Turn west on 1st street and travel west to Des Moines Street. Turn north on Des Moines Street. The site is located on the corner of Des Moines and 2nd Street.***

***Summarize the site history (past usages, past ownerships, wastes, known or suspected contamination pathways such as tanks, septic tank/tile field, lagoon, land applications, S.W. burial, etc)***

The site history was provided in the Phase I that accompanied the Phase II Environmental Site Assessment (ESA). The identified recognized environmental conditions (RECs) are on a small 5,600 square foot area of property that is the location for a proposed cell tower (see attached Figure 3 from consultant's report). The southeast corner of the subject property is currently improved with a concrete foundation that is slated to be removed for the completion of the cell tower. The remainder of the property is vacant, gravel-covered land. Historically, the area around the site was developed as the E.N. Lee Coal, Corn and Lumber Yard dating back to 1892. The general area around the site was redeveloped for various industrial uses several times through the early 1970s, including a bulk oil station to the east of the subject property from the 1920s through 1940s. A warehouse was developed on the northern portion of that facility in the 1960s. The area south of the warehouse was utilized for outdoor storage associated with industrial operations including an outdoor stockpile area between 1973 and 1994. The outdoor storage was removed in the early 2000s and the area was subsequently utilized for storage of semi-trailers in the late 2000s.

***Briefly describe the site assessment that was conducted (number of borings, monitoring wells, number of samples, depth of soil samples and monitoring wells, analysis, etc.)***

The scope of the Phase II ESA included the advancement of a 50-foot soil boring in the area of the base of the proposed cell tower. Two soil samples were collected from the 50-foot soil boing location B1. Soil boring B1 was also converted to a temporary monitoring well to collect a groundwater sample. Three soil borings were completed within the confines of the proposed cell tower compound. Two additional soil borings were completed within the area of the proposed utility easement east of the compound. A total of six soil borings were completed and are shown on the attached site map. A soil sample was collected at a depth of between 1 and 8 feet from each of the soil borings. The contaminants of concern (COC) in soil and groundwater and the analytical methods included volatile organic compounds (VOCs) to be analyzed by EPA method 8260, semi-volatile organic compounds (SVOCs) to be analyzed by EPA method 8270, heavy metals to be analyzed by EPA method 6010/7471 for soil and, EPA 6010/7470 for water and polychlorinated biphenyls (PCBs) to be analyzed by EPA method 8082.

***Summarize the findings and conclusions regarding the contaminants found and their extent and concentrations. Relate those values to known criteria such as statewide standards, MCLs, water quality standards, background levels or other benchmarks used to determine site priority.***

The results of the ESA revealed detectible concentrations of VOCs, SVOCs and heavy metals in soil and groundwater. Analysis for PCBs was conducted but not detected in the soil or groundwater samples. The following is a summary of the detected contaminants and the compounds that exceeded Statewide Standards for soil and groundwater.

## Summary of VOCs in Soil

Nine VOCs were detected in soil samples from soil borings B1 at depths 2-4 feet and 6-8 feet, at B2 4-5 feet and at B6 at 1-3 feet deep. The VOCs detected are summarized below and presented in Table 1. The nine VOCs detected were 1,2,4-trimethylbenzene, 1,2-dichlorobenzene, 1,3,5-trimethylbenzene, 1,4-dichlorobenzene, acetone, chlorobenzene, naphthalene, n-butylbenzene, and tetrachloroethene. The concentrations of VOCs detected were below the respective Statewide Standards for soil.

| Table 1: VOCs in Soil | B1 (2-4') | B1 (6-8') | B2 (3-5') | B6 (1-3') | Statewide Standards for Soil (mg/kg) |
|---|---|---|---|---|---|
| 1,2,4-Trimethylbenzene | 0.0192 | <0.0056 | 0.0115 | <0.0064 | 3800 |
| 1,2-Dichlorobenzene | <0.0055 | <0.0056 | 0.0206 | <0.0064 | 5500 |
| 1,3,5-Trimethylbenzene | 0.0064 | <0.0056 | <0.0066 | <0.0064 | 760 |
| 1,4-Dichlorobenzene | <0.0055 | <0.0056 | 0.0169 | <0.0064 | 760 |
| Acetone | 0.0235 | 0.0325 | <0.0263 | 0.0293 | 68000 |
| Chlorobenzene | <0.0055 | <0.0056 | 0.104 | <0.0064 | 1500 |
| Naphthalene | 0.031 | <0.0113 | 0.0379 | <0.0129 | 1100 |
| n-Butylbenzene | 0.0088 | <0.0056 | <0.0066 | <0.0064 | 1300 |
| Tetrachloroethene | <0.0055 | <0.0056 | <0.0066 | 0.0067 | 1500 |

<0.25 = Result below laboratory detection limit
Detections in red are above laboratory method but did not exceed Statewide Standards

## Summary of VOCs in Groundwater

No VOCs were detected in the groundwater sample from the soil boring B1/monitoring well.

## Summary of SVOCs in Soil

Analytical results for fifteen SVOCs were reported. The analytical detections and exceedances are summarized below and also appear in Table 2. Ten SVOCs were detected in soil borings B1, B5 and B6. The SVOCs detected were 2-methylnaphthalene, acenaphthylene, anthracene, benzo(g,h,i)perylene, benzo(k)fluoranthene, chrysene, fluoranthene, fluorene, phenanthrene, and pyrene The detections for these ten SVOCs are below the respective Statewide Standards for soil.

Five SVOCs were detected above Statewide Standards for soil. The five SVOCs detected, their respective concentrations, sample locations and individual standards are summarized in Table 2 below.

| Table 2: SVOCs in Soil | B1 (2-4') | B1 (6-8') | B5 (3-5') | B6 (1-3') | Statewide Standards for Soil (mg/kg) |
|---|---|---|---|---|---|
| 2-Methylnaphthalene | 0.886 | <0.370 | <1.71 | <2.05 | 230 |
| Acenaphthylene | <0.365 | <0.370 | <1.71 | 1.08 J | 1700 |
| Anthracene | <0.365 | <0.370 | <1.71 | 5.38 | 17000 |
| **Benzo(a)anthracene** | <0.365 | <0.370 | <1.71 | **34.6** | 3.1 |
| **Benzo(a)pyrene** | <0.365 | <0.370 | **1.13 J** | **29.9** | 0.31 |
| **Benzo(b)fluoranthene** | <0.365 | <0.370 | 1.04 J | **39.3** | 3.1 |
| Benzo(g,h,i)perylene | <0.365 | <0.370 | 1.74 | 17.2 | 170 |
| Benzo(k)fluoranthene | <0.365 | <0.370 | <1.71 | 14.2 | 31 |
| Chrysene | <0.365 | <0.370 | 0.976 J | 44.2 | 310 |
| **Dibenz(a,h)anthracene** | <0.365 | <0.370 | <1.71 | **6.17** | 0.31 |
| Fluoranthene | <0.365 | 0.416 | <1.71 | 62.6 | 2300 |
| Fluorene | <0.365 | <0.370 | <1.71 | 1.36 J | 2300 |
| **Indeno(1,2,3-cd)pyrene** | <0.365 | <0.370 | <1.71 | **15.5** | 3.1 |
| Phenanthrene | 0.772 | <0.370 | <1.71 | 38.7 | 1700 |
| Pyrene | <0.365 | <0.370 | <1.71 | 72.5 | 1700 |

"J" = Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit
<0.25 = Result below laboratory detection limit
Red = detections above laboratory method limits
**Red plus bold with yellow shading** = Result exceeds Statewide soil standard
Note: results for Benzo(a)pyrene and Dibenz(a,h)anthracene the detection limits are slightly above the Statewide Standard

## SVOC in Groundwater

One SVOC bis(2-Ethylhexyl)phthalate was detected in groundwater from soil boring B1/monitoring at 0.0141 mg/L. This concentration is above the Statewide Standard for a Protected Groundwater of 0.006 mg/L but below the Statewide Standard for a Non-Protected Groundwater of 0.25 mg/L.

## Summary of Metals in Soil

Arsenic was detected in all 6 soil boring locations ranging in concentration from 2.5 to 7.9 mg/kg. These concentrations are below the Statewide Standard for arsenic in soil of 17 mg/kg. Barium was detected in all 6 soil samples ranging from 30.7 mg/kg to 133 mg/kg. These concentrations are below the Statewide Standard for barium in soil of 15,000 mg/kg. Cadmium was detected in soil boring B3 at 1.7 mg/kg, soil boring B4 at 0.96 mg/kg and soil boring B5 at 0.5 mg/kg respectively. These levels are below the Statewide Standard for cadmium in soil of 70 mg/kg. Chromium was detected in all six soil borings ranging from 5.9 mg/kg to 16 mg/kg. These concentrations are below the Statewide Standards for chromium soil of 200 mg/kg for hexavalent chromium and 97,000 mg/kg for trivalent chromium. Lead was detected in all six soil sample locations ranging from 5.3 mg/kg to 227 mg/kg. These concentrations are below the Statewide Standard for lead in soil of 400 mg/kg. Mercury was detected in soil boring B2 at 0.12 mg/kg and in soil boring B3 at 0.11 mg/kg. These concentrations are below

the Statewide Standard for mercury in soil of 23 mg/kg. Silver was not detected in soil above the method detection limit.

**Summary of Metals in Unfiltered Groundwater**

Arsenic was detected in the unfiltered groundwater sample from B1/monitoring well at a concentration 0.022 mg/L. This concentration is above the Statewide Standard for a Protected Groundwater of 0.01 mg/L, but below the Statewide Standard for Non-Protected Groundwater of 0.05 mg/L.

Barium was detected in the unfiltered groundwater sample from B1/monitoring wells at a concentration of 0.66 mg/L. This is below both the Statewide Standard for Protected Groundwater of 2 mg/L and Statewide Standard for Non-Protected Groundwater of 10 mg/L.

Cadmium was detected in unfiltered groundwater from B1/monitoring well at a concentration of 0.011 mg/L. This is above the Statewide Standard for Protected Groundwater of 0.005 mg/L. There is no Statewide Standard for cadmium for Non-Protected Groundwater.

Total chromium was detected in unfiltered groundwater sample at B1/monitoring well at a concentration 0.018mg/L. This is below both the Statewide Standard for Protected Groundwater of 0.1 mg/L and the Statewide Standard for Non-Protected Groundwater of 0.5 mg/L.

Lead was detected in an unfiltered groundwater sample from soil boring B1/monitoring well at a concentration of 0.013mg/L. This concentration is below both the Statewide Standard for Protected Groundwater of 0.015mg/L and the Statewide Standard for Non-Protected Groundwater of 0.075mg/L.

Mercury was detected in the unfiltered groundwater sample from soil boring B1/monitoring well at a concentration of 0.0021 mg/L. This concentration is above the Statewide Standard for Protected Groundwater of 0.002 mg/L, but below the Statewide Standard for Non-Protected Groundwater of 0.01 mg/L.
Silver was detected in an unfiltered groundwater sample from soil boring B1/monitoring well at a concentration of 0.01 mg/L. This concentration is below both the Statewide Standard for Protected Groundwater of 0.1 mg/L and the Statewide Standard for Non-Protected Groundwater of 0.5 mg/L.

**Summary of PCBs in Soil and Groundwater**

PCBs (as Aroclor compounds) were not detected in any soil or groundwater samples submitted for chemical analysis.

***Identify on-site or off-site potential and actual targets (e.g., municipal wells, private wells, drinking water intakes). What is known of the neighboring area, i.e., are there residences, businesses, public use areas, etc.? Are there utility lines that could be impacted by site contaminants? Identify any other use/location issues that deserve consideration.***

There are no potential on-site receptors. The land use in the area is commercial activity. No utilities are identified. There is a water test only boring located north of the site. There are two wells located roughly 1,000 feet east of the site completed in the bedrock and one leaking underground tank site located west of the site (see attached air photo).

***Rate the site on a scale of 1 to 4, in decreasing order of severity or priority.***
3

***Summarize the reasoning, knowledge or any other information used in determining your recommendation regarding the priority assigned to this site.***

The recommendation of a priority 3 designation for this site is based on proposed use of the property as a fenced cell tower and the low potential for soil exposure or impact to groundwater receptors. The area is predominantly commercial and industrial in nature and has either paved or gravel covered surfaces. No groundwater receptors are on the site or nearby.

The concentrations of detected metals, VOC's and SVOCs are generally below applicable Statewide Standards in soil and groundwater and localized in extent. There are five SVOCs detected above Statewide Standards for soil at two locations and one SVOC was detected in groundwater above a standard from soil boring B1/monitoring well. Residual PAH detections may be related to past coal storage on or near this property. The three metals arsenic, cadmium and mercury were detected in unfiltered groundwater samples that exceed the Statewide Standard for Protected Groundwater. Dissolved concentrations would likely be much lower.

**Site recommended for:**

- ☒ No further action
- ☐ Additional investigation under state program (activity code 2824)
- ☐ Additional investigation under CERCLA (Extended Site Screening)
- ☐ Transfer to LUST/UST

**Form Reviewed:** _____ **Date Reviewed:** 12/23/14

Revised 11/2012

# PRE-CERCLIS SCREENING ASSESSMENT CHECKLIST/DECISION FORM

This checklist can assist the site investigator during the Pre-CERCLIS screening. It will be used to determine whether further steps in the site investigation process are required under CERCLA. Use additional sheets, if necessary.

**Checklist Preparer:** Matt Culp (Name/Title) 12/12/2014 (Date)
502 E 9th S, Des Moines Iowa 50319 (Address) 515.725-8337 (Phone)
matt .culp@dnr.iowa.gov (E-mail Address)

**Site Name:** White Transfer and Storage

**Previous Names (if any):** NA

**Site Location:** Des Moines and Second Street
Webster City (City) IA (ST) 50595 (Zip)

**Latitude:** 42.4706 **Longitude:** -93.8220

| Compare the following checklist. If "yes" is marked, please explain below. | YES | NO |
|---|---|---|
| 1. Does the site already appear in CERCLIS? | ☐ | ☒ |
| 2. Is the release from products that are part of the structure of, and result in exposure within, residential buildings or businesses or community structures? | ☐ | ☒ |
| 3. Does the site consist of a release of a naturally occurring substance in its unaltered form, or altered solely through naturally occurring processes or phenomena, from a location where it is naturally found? | ☐ | ☒ |
| 4. Is the release into a public or private drinking water supply due to deterioration of the system through ordinary use? | ☐ | ☒ |
| 5. Is some other program actively involved with the site (i.e., another Federal, State, or Tribal program)? | ☐ | ☒ |
| 6. Are the hazardous substances potentially released at the site regulated under a statutory exclusion (i.e., petroleum, natural gas, natural gas liquids, synthetic gas usable for fuel, normal application of fertilizer, release located in a workplace, naturally occurring, or regulated by the NRC, UMTRCA, or OSHA)? | ☐ | ☒ |
| 7. Are the hazardous substances potentially released at the site excluded by policy considerations (e.g., deferral to RCRA Corrective Action)? | ☐ | ☒ |
| 8. Is there sufficient documentation that clearly demonstrates that there is no potential for a release that could cause adverse environmental or human health impacts (e.g., comprehensive remedial investigation equivalent data showing no release above ARARs, completed removal action, documentation showing that no hazardous substance release have occurred, EPA approved risk assessment completed)? | ☐ | ☒ |

**Please explain all "yes" answer(s), attach additional sheets if necessary:**

**Site Determination:**

☐ Enter the site into CERCLIS. Further assessment is recommended (Explain below).

☒ The site is not recommended for placement into CERCLIS (Explain below).

☐ Further assessment is recommended under PRE-CERCLA (Explain below).

**DECISION/DISCUSSION/RATIONALE:**

The recommendation of a priority 3 designation for this site is based on the lack of actual or potential soil based receptors or groundwater receptors. The area is predominantly commercial and industrial in use and either paved or gravel covered surfaces. No groundwater receptors are on the site or nearby. The concentrations of detected contaminants (metals, VOC's and SVOC's) are generally below applicable Statewide Standards in soil and groundwater. The only compounds detected above Statewide Standards in soil were the PAHs compounds (see table 1). These detections are localized at soil sample location B6.

**Regional EPA Reviewer:**

Print Name/Signature _____ Date _____

**State Agency/Tribe:**

CAL LUNDBERG _____ 12/23/14

Print Name/Signature Date

# REGION VII U.S. EPA SUPERFUND
NO DISCOVERY DATE

# PRE-CERCLIS INITIATION FORM
NPL Status = O-NOT A VALID SITE OR INCIDENT

**Site Name:** White Transfer and Storage **Identified By:** ☐ Removal ☒ Site Assessment ☐ Federal Facilities ☐ States ☐ Other Federal Agency Check if: ☐ FUD Site

**Address:** Des Moines and Second Street **County Name:** Hamilton

**City, State, Zip:** Webster City, Iowa 50595 State ID (if one exists): _____ Congressional District: 4th

**NPL Status:** = : Not a Valid Site or Incident **Federal Facility Indicator:** ☐ Federal Facility ☒ Not a Federal Facility ☐ Status Undetermined

**Section:** ☐ C-(STAR) SPFD Technical Assistance/Re-Use Branch ☐ L-(EFLR) Enfr/Fund Lead RV Branch ☐ F-(FFSE) Federal Facilities/Special Emphasis Branch ☐ M-(MOKS) MO/KS remedial Branch ☒ I-(IANE) IA/NE Remedial Branch ☐ O-(ER&R) Emergency Response & RV Branch

List Site Alias Name (s): none

Directions to Site: From Des Moines travel north on interstate I-35. Turn west on State highway 20. Turn north on Superior Street. Turn west on 1st street and travel west to Des Moines Street. Turn north on Des Moines Street. The site is located on the corner of Des Moines and 2nd Street.

Site Description: Gravel lot

USGS Quadrant: Webster City USGS Hydro Unit: _____

**Latitude:** 42.4706 **Longitude:** 93.8220
**(Decimal Degree format) (with release of 3.17 see attached required location data form)**

**Lat/Long Accuracy:** ☐ Seconds ☐ Miles ☐ Feet ☒ Degrees ☐ Minutes ☐ Kilometers ☐ Meters

**Owner Operator Type**
- ☐ Bank/Loan Company
- ☐ County Owned
- ☐ District Owned
- ☐ Federally-Owned
- ☐ Former Federally Owned or Operated
- ☐ Former Federally Owned or Operated
- ☐ Government Owned/Contractor Operated
- ☐ Privately Owned/Government Operated
- ☐ Property Defaulted Back to Government
- ☐ Brownfields/Public
- ☐ Municipality
- ☐ Other
- ☒ Private
- ☐ Mixed Ownership
- ☐ State Owned
- ☐ State Owned
- ☐ Trustee, Federal
- ☐ Trustee, State
- ☐ Unknown

**Operational Status:** ☐ Active ☒ Inactive ☐ Unknown ☐ Blank
**Native American Interest:** ☐ Yes ☐ No

**Non-NPL Status (Choose one):**

☒ Not a Valid Site or Incident
☐ Not a Valid Site or Incident: RCRA Lead
☐ Not a Valid Site or Incident: NRC Lead
☐ Not a Valid Site or Incident: State Lead
☐ Not a Valid Site or Incident: Tribal Lead

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**Add Action:** OU 00
**PRE-CERCLIS SCREENING:** **Planned Complete:** _____/_____/_____

**Actual Complete:** _____/_____/_____

**Lead code (choose one)**
☐ F-EPA Fund Financed ☐ FF - Federal Facility ☐ S - State, Fund Financed

SCAP Note: _____

**Add below Action (if No Further Action):**
OU 00 Lead: EP
☐ PRE-CERCLIS ARCHIVE Actual Complete: _____/_____/_____
SCAP Note: _____
Comments: ☐ Site or ☐ Action: _____

**Site Type:** (Choose all that apply - for every main category chosen in bold at least one sub- category must be selected; if more than one main and sub-category is selected indicate which is primary):

Primary Designation: _____

☐ **MP-Manufacturing/Processing/Maintenance** - *Applicable sub-categories:*
- ☐ CA-Chemicals and allied products
- ☐ CG-Coal gasification
- ☐ CP-Coke production
- ☐ EP-Electric power generation and distribution.
- ☐ FT-Fabrics/textiles
- ☐ EE-Electronic/electrical equipment
- ☐ LW-Lumber and wood products/pulp and paper
- ☐ WP-Lumber and wood products/wood preserving/preserving/treatment
- ☐ MF-Metal fabrication/finishing/coating and allied industries
- ☐ OR-Oil and gas refining
- ☐ OP-Ordnance production
- ☐ PR-Plastics and rubber products
- ☐ PM-Primary metals/mineral processing
- ☐ RA-Radioactive products
- ☐ TA-Tanneries ☐ OT-Other-Description(needed):_____
- ☐ TS-Trucks/ships/trains/aircraft and related components

☐ **MI-Mining** - *Applicable sub-categories*
- ☐ CO-Coal ☐ ME-Metals ☐ NM-Non-metal minerals
- ☐ OG-Oil and Gas ☐ OT-Other-Description(needed):_____

☐ **WM-Waste Management** - *Applicable sub-categories*
- ☐ CL-Co-disposal landfill (municipal and industrial)
- ☐ ID-Illegal disposal/open dump
- ☐ IF-Industrial waste facility (non-generator)
- ☐ MD-Mine tailings disposal ☐ OT-Other-Desc.(needed):_____
- ☐ ML-Municipal solid waste landfill
- ☐ RW-Radioactive waste treatment, storage, disposal (non-generator)

☒ **OT-Other** - *Applicable sub-categories*
- ☐ AG-Agricultural (e/g.,grain elevator)
- ☐ CS-Contaminated sediment site with no identifiable source
- ☐ DC-Dust control ☐ OT-Other-Desc (needed):_____
- ☐ GP-Ground water plume site with no identifiable source
- ☐ MO-Military/Other Ordinance
- ☐ PS-Product Storage/distribution
- ☐ RD-Research,development,and testing facility
- ☒ RC-Retail/commercial
- ☐ SE-Spill or other one-time event
- ☐ TP-Transportation (e.g., railroad yards, airport, barge docking, site)
- ☐ TW-Treatment works/septic tanks/other sewage treatment

☐ **RE-Recycling** - *Applicable sub-categories*
- ☐ AT-Automobiles/tires ☐ DT-Drums/tanks ☐ WO-Waste/used
- ☐ BS-Batteries/scrap metals/secondary smelting/precious metal recovery
- ☐ CC-Chemicals/chemical waste (e.g., solvent recovery)
- ☐ OT-Other-Description(needed):_____

***Signatures:***
States: Cal Kolby Date: 12/23/14 RPM/OSC/SAM: _____ Date __/__/__

Updated by The Newberry Group/Last Update: 01/08/2008

**(NOTE: Data analysts will send form to records center after data entry and QA.)**

**Updated by Systems Research Group 03MAR06**

**REGION VII**
**U.S. ENVIRONMENTAL PROTECTION AGENCY**

ENFORCEMENT SENSITIVE INFORMATION
FOR INTERNAL USE ONLY

# LOCATION FORM - *(Required information highlighted in red)*

**SITE NAME:** White Transfer and Storage **EPA ID:** _____

**Latitude:** 42.4706 **Longitude:** 93.8220 **Measurement Sequence:** _____
*(Decimal Decree format)* (See Comment A)

**Lat/Long Source:**
- ☐ Contractor
- ☐ Dun & Bradstreet
- ☐ EPA Region 7
- ☐ Geograph
- ☐ Other Federal Agency
- ☐ Regulated Entity
- ☐ State
- ☐ EPA Headquarters
- ☐ Epic
- ☒ Other
- ☐ Private
- ☐ SNAP
- ☐ Tribe
- ☐ Unknown
- ☐ (Blank)

**Designate Lat/Long:** ☐ Primary ☐ NPL Coordinate

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**Collection Method:**
- ☐ Address Matching -House Number
- ☐ Address Matching - Block Face
- ☐ Address Matching - Street Centerline
- ☐ Address Matching -Nearest Intersection
- ☐ Address Matching - Primary Name
- ☐ Address Matching - Digitized
- ☐ Address Matching - Other
- ☐ Census Block - 1990 - Centroid
- ☐ Census Block/Group 1990-Centroid
- ☐ Census Block/Tract - 1990 - Centroid
- ☐ Classical Surveying Techniques
- ☐ Census - Other
- ☐ GPS Carrier Phase Static Relative Position
- ☐ GPS Carrier Phase Kinematic Relative Position
- ☐ GPS, with Canadian Active Control System
- ☐ GPS Code (Pseudo Range) Differential
- ☐ GPS Code (Pseudo Range) Precise Position
- ☐ GPS Code (Pseudo Range) Standard Position (SA-Off)
- ☐ GPS Code (Pseudo Range) Standard Position Service SA-On
- ☐ GPS-Unspecified
- ☐ Interpolation-Digital Map Source (TIGER)
- ☐ Interpolation-Map
- ☐ Interpolation -MSS
- ☒ Interpolation -Photo
- ☐ Interpolation – Satellite
- ☐ Interpolation - SPOT
- ☐ Interpolation-TM
- ☐ Interpolation - Other
- ☐ LORAN C
- ☐ Public Land Survey-Eighth Section
- ☐ Public Land Survey-Footing
- ☐ Public Land Survey-Quarter Section
- ☐ Public Land Survey-Section
- ☐ Public Land Survey-Sixteenth Section
- ☐ ZIP+2 Centroid
- ☐ ZIP+4 Centroid
- ☐ ZIP Code - Centroid
- ☐ Unknown

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**Reference Point:**
- ☐ Administrative Building
- ☐ Air Monitoring Station
- ☐ Air Release Stack
- ☐ Air Release Vent
- ☐ Atmos. Emissions Trtmnt Unit
- ☐ Boundary Point
- ☐ Building Entrance
- ☒ Facility/Centroid Cent
- ☐ Facility/Station Bldg Entrance
- ☐ Intake Point
- ☐ Lagoon or Settling Pond
- ☐ Liquid Waste Treatment Unit
- ☐ Loading Area Centroid
- ☐ Loading Facility
- ☐ Monitoring Point
- ☐ NE Corner of Land Parcel
- ☐ NW Corner of Land Parcel
- ☐ Other
- ☐ Plant Entrance (Freight)
- ☐ Plant Entrance (General)
- ☐ Plant Entrance (Personnel)
- ☐ Process Unit Area Centroid
- ☐ Process Unit
- ☐ SE Corner of Land Parcel
- ☐ Solid Waste Storage Area
- ☐ Solid Waste Trtmnt/Disp. Unit
- ☐ Storage Tank
- ☐ SW Corner of Land Parcel
- ☐ Unknown
- ☐ Water Monitoring Station
- ☐ Water Release Pipe
- ☐ Well
- ☐ Well Protection Area
- ☐ Release Point
- ☐ Treatment/Storage Plant

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**Reference Datum:** ☐ NAD27 ☐ NAD83 ☐ Other ☒ Unknown ☐ WGS84

**Accuracy Meters +/-:** _____ ☒ **Accuracy Unknown** **Collection Date:** 12/12/2014

**Verification Method:**
- ☐ Ground Truth Conducted
- ☐ Point in Polygon (Zip)
- ☐ Proximity to Polygon Centroid(Other)
- ☐ Verified Relative to Map Features (1:100K/Tiger)
- ☐ Verified Relative to Map Features (Other)
- ☐ Proximity to Polygon Centroid (County)
- ☐ Point In Polygon (County)
- ☐ Proximity to Alternative Facility Coordinate)
- ☐ Proximity to Polygon Centroid (Zip Code)
- ☐ Verified Relative to Map Features (1:24K)
- ☐ Verified, Unknown Method
- ☐ Point in Polygon (Other)
- ☐ Blank
- ☒ Not Verified

---

**Point/ Line/ Area:** ☐ AREA ☐ LINE ☒ POINT ☐ REGION ☐ ROUTE ☐ (BLANK)

**Source Map Scale:** ☐ 1:10,000 ☐ 1:12,000 ☐ 1:15,840 ☐ 1;20,000 ☐ 1:24,000 ☐ 1:25,000 ☐ 1:50,000 ☐ 1:62,500 ☐ 1:63,360 ☐ 1:100,000 ☐ 1:125,000 ☐ 1:250,000 ☐ 1:500,000 ☐ NONE ☒ UNKNOWN ☐ OTHER_____

COMMENTS:_____

---

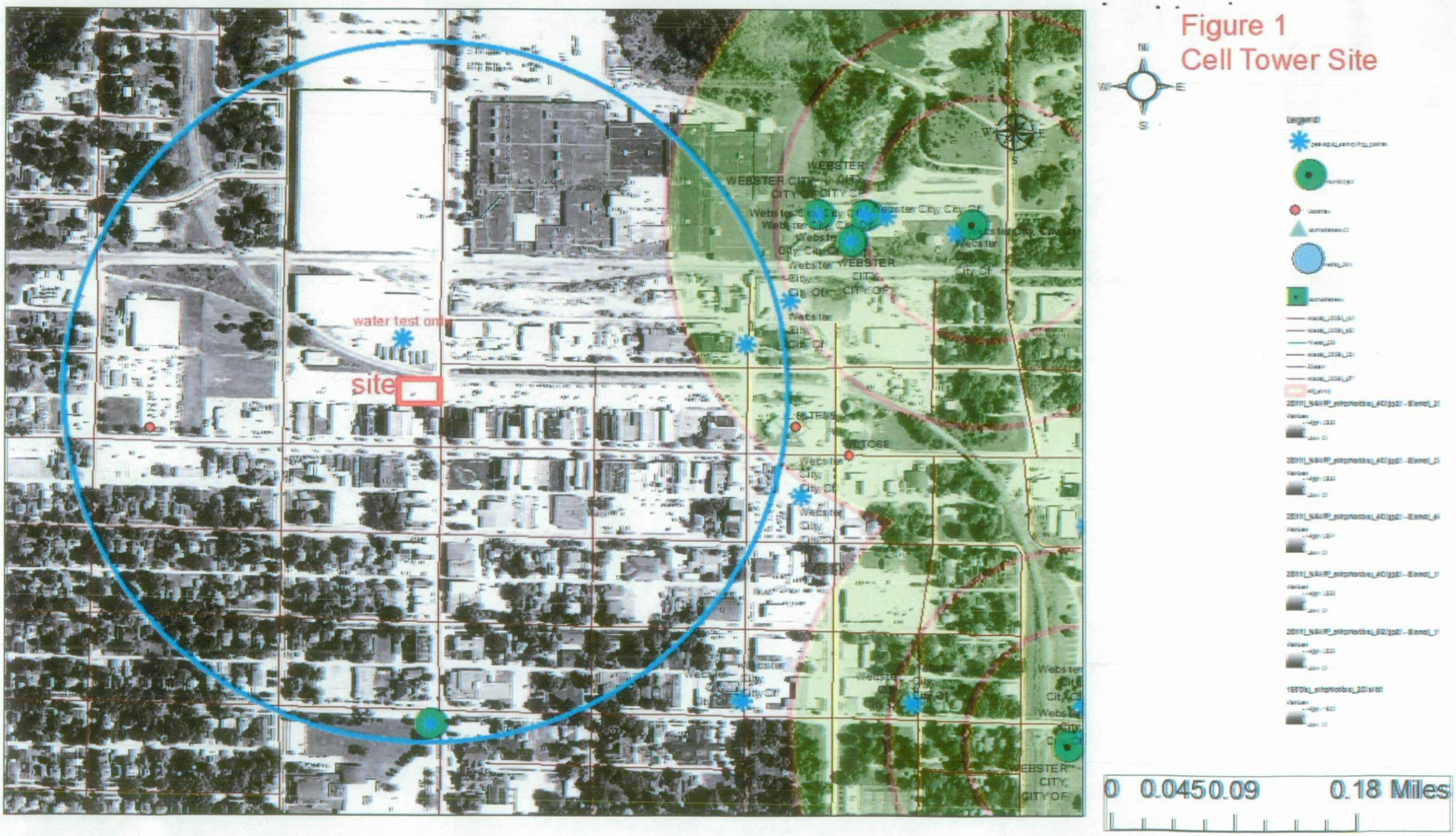
***Signatures:***

**RPM/OSC:** _____ **Date:** ____/____/____ **BRANCH CHIEF:** _____ **Date:** ____/____/____

A) A sequential number to indicate the order in which points on a line or area are connected. For an area, the maximum point is connected to the first. Required if the feature is polygonal or linear 3 numeric.

---

# Figure 1
# Cell Tower Site



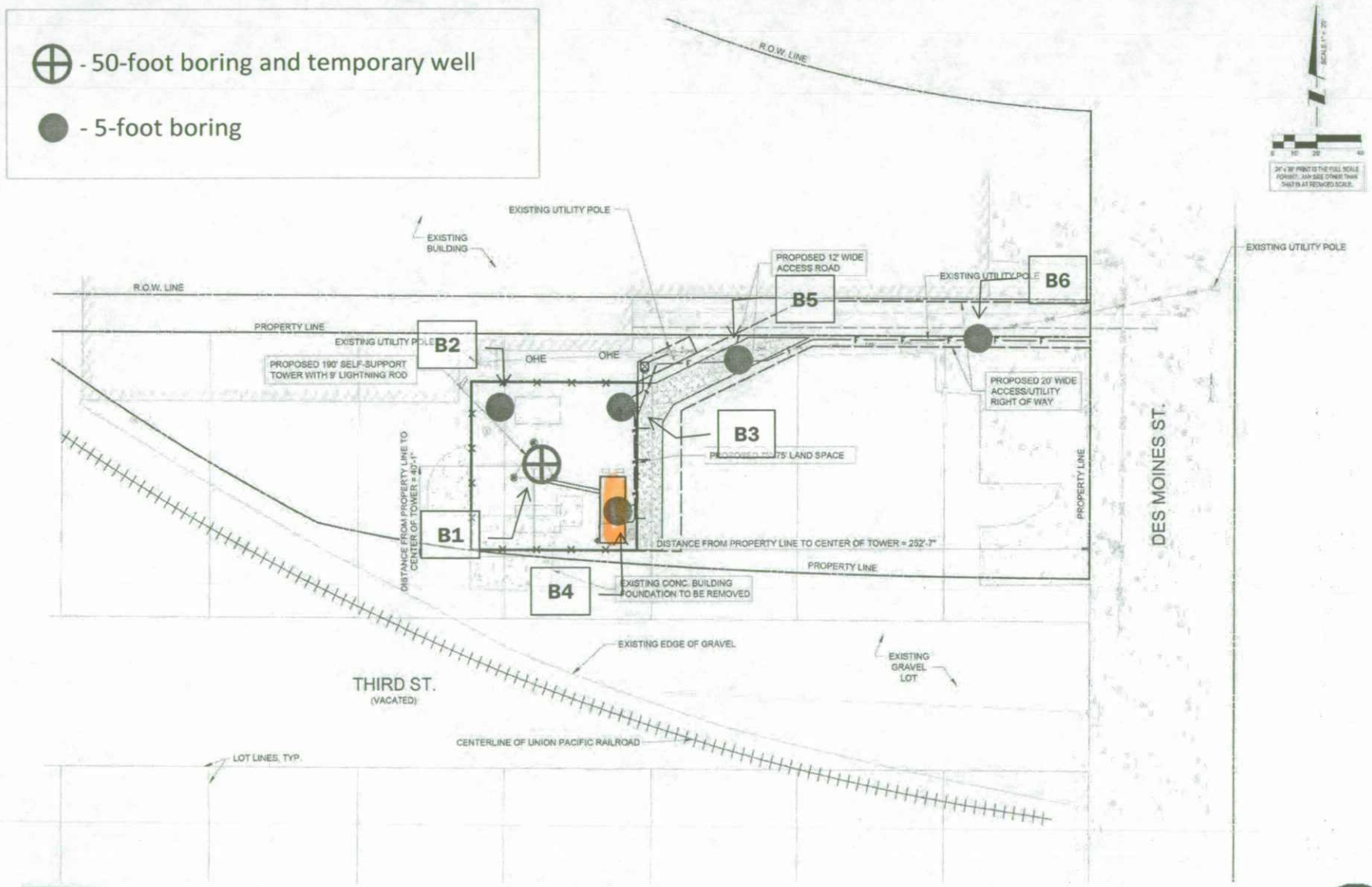



**FIGURE 3 - SITE PLAN WITH APPROXIMATE BORING LOCATIONS**

DES MOINES STREET & 2ND STREET
WEBSTER CITY, IOWA 50595
HAMILTON COUNTY