

GEOTEK ENGINEERING & TESTING SERVICES, INC.

909 East 50th Street North Sioux Falls, South Dakota 57104 605-335-5512 • FAX 605-335-0773 CON: 12-15 Doc # 15829

June 19, 2007

Field Office #2
Iowa Department of Natural Resources
2300 15th Street SW
Mason City, IA 50401

Attn: Cindy Garza

Subj: Groundwater Sampling - Former Bulk Site

Lots 6, 7 & 8 of Marsh View First Subdivision

Ventura, Iowa Geotek #06-594-7

Dear Ms. Garza:

This correspondence is provided on behalf of Hancock County Co-op Oil Company and presents the results of groundwater monitoring activities at the referenced site.

Background Information

The project site is located at the western edge of Ventura, Iowa, in Hancock County. A topographic site map is provided as Figure 1.

It is our understanding that petroleum contaminated soils were encountered in October 2005 during excavation activities for a basement on Lot 7. The Iowa Department of Natural Resources (IDNR) was contacted. A remedial excavation was completed to attempt to remove the most significant soil contamination. The IDNR directed the remedial excavation.

In February 2006, the IDNR completed Geoprobe sampling on Lots 6, 7 and 8. Based on the results of the Geoprobe sampling, the IDNR, in its May 1, 2006 correspondence, directed Hancock County Co-op to install two monitoring wells at the site and complete monthly sampling for one year.

Two soil borings were advanced and completed as monitoring wells on June 5, 2006. The locations of the monitoring wells are indicated on Figure 2. The boring logs/well construction diagrams for the monitoring wells are provided in Appendix A. The first groundwater sampling event was completed on June 20, 2006. The most recent report for the project site was submitted to the IDNR on April 17, 2007 and provided the results of monthly groundwater monitoring completed through March 2007.

99347 JUN26'07 AM 8:46

Project Results

Groundwater samples were collected from MW-1 and MW-2 on April 24 and on May 23, 2007. Water levels were measured in the wells prior to purging and sampling. The groundwater table in April rose approximately 2.5 to 3 feet as compared to March 2007. From the April to the May sampling event, the water table dropped slightly, approximately 0.3 feet. Table 1 includes water level data. Similar to previous sampling events, free product was not present in either well in April or May.

The collected groundwater samples were submitted for analysis of BTEX (OA-1) and TEH-diesel (OA-2). Based on previous sampling, MTBE is not present at the site at concentrations above laboratory method detection limits. The laboratory analytical reports for the April and May 2007 sampling events are provided in Appendix B. The analytical data accumulated to date for each well is included in Table 1.

The BTEX concentrations resulting from the April and May sampling events are generally lower than previous results. Based on the analytical results, TEH-diesel was not present in the wells, similar to the results for previous months. The BTEX concentrations at MW-1 in April and May were noted to be the lowest to date for that well.

Conclusions/Recommendations

The May 2007 sampling event represents the completion of one year of monthly sampling of the monitoring wells. A review of the accumulated data indicates that the initial sampling event in June 2006 resulted in the highest BTEX concentrations at each monitoring well. BTEX concentrations at each well have generally decreased or stabilized over time. Free phase petroleum product has not been observed at the site.

Petroleum vapors have not been noted in the house constructed on Lot 6. A vapor recovery unit was installed in the basement of the house, as directed by the IDNR in its May 1, 2006 letter. Water is pumped from the sump in the basement of the house as it accumulates. Water from the sump was sampled in April 2007. BTEX was not present in the sump water.

Figure 3 is a cross section based on the boring logs. Based on the field screening data obtained using a photionization detector (PID), soil contamination is present from approximately 11 to 18 feet below the ground surface. The highest and lowest water levels for each monitoring well are indicated on the cross section. It can be noted that groundwater appears to generally be above the zone of contamination. Therefore, the lower groundwater contaminant concentrations from the recent sampling events appear reasonable.

It is our opinion that vapor concerns for the house on Lot 6 appear minimal. When the water table is shallow and water enters the sump in the house, dilution is occurring, resulting in the lower contaminant concentrations. This is evidenced by the April and May 2007 BTEX concentrations, when the water table was at its shallowest. If groundwater were to drop below 11 feet into the zone of identified soil contamination, groundwater contaminant concentrations

could be higher. However, the vapor concerns for the residence would be diminished because of the vertical distance separating the contamination and the house basement. Additionally, if the water table is 11 feet or greater below the ground surface, water would not be accumulating in the home's sump.

Lots 7 and 8 are to be used by the City of Ventura for a park, with playground equipment and grass areas. Significant petroleum contamination was not identified on Lot 8. Based on the future use of the lots, it does not appear that receptors will be present that could be impacted by the identified petroleum contamination.

A draft restrictive covenant was provided to the IDNR in January 2006. The draft restrictive covenant included use limitations on Lot 7 concerning the installation of water supply wells or the construction of structures with enclosed spaces. To date the IDNR has not commented on the draft restrictive covenant. The covenant may require modification if it is determined that a covenant is necessary to get the site to closure. It is our understanding that the Hancock County Co-op Oil Company will be deeding Lot 7 to the City of Ventura.

It is our opinion that the accumulated data is sufficient to demonstrate that the project site poses limited environmental, health or safety risks. Additional monitoring is not recommended. The monitoring wells should be properly abandoned. If well abandonment is approved by the IDNR, well abandonment forms will be provided after the work is completed.

Standard of Care

Recommendations contained in this report represent our professional opinions. These opinions are based on information currently available and arrived at in accordance with currently accepted hydrogeologic and engineering practices at this time and location. Other than this, no warranty is implied or intended.

Remarks

If there are questions concerning this report or the project site, please contact our office at 605-335-5512 or 1-800-354-5512.

Sincerely,

Geotek Engineering & Testing Services, Inc.

Keith DeLange

Project Manager

cc:

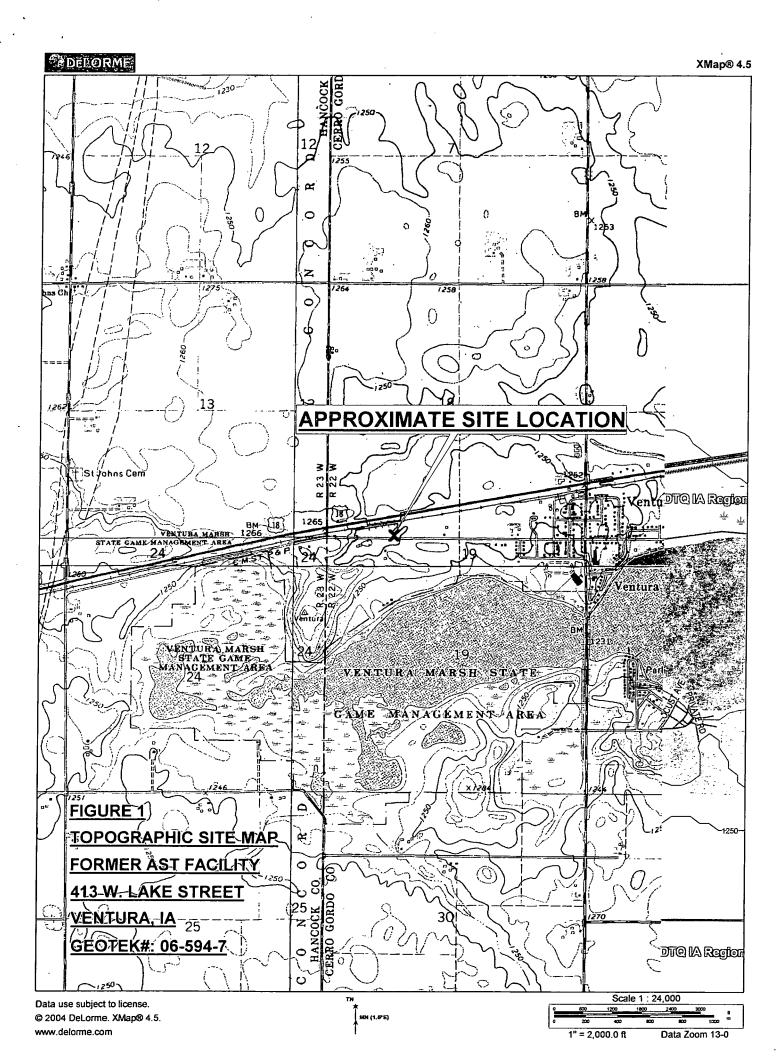
Brad Frein, Hancock County Co-op Oil, 245 State Street, Garner, IA 50438

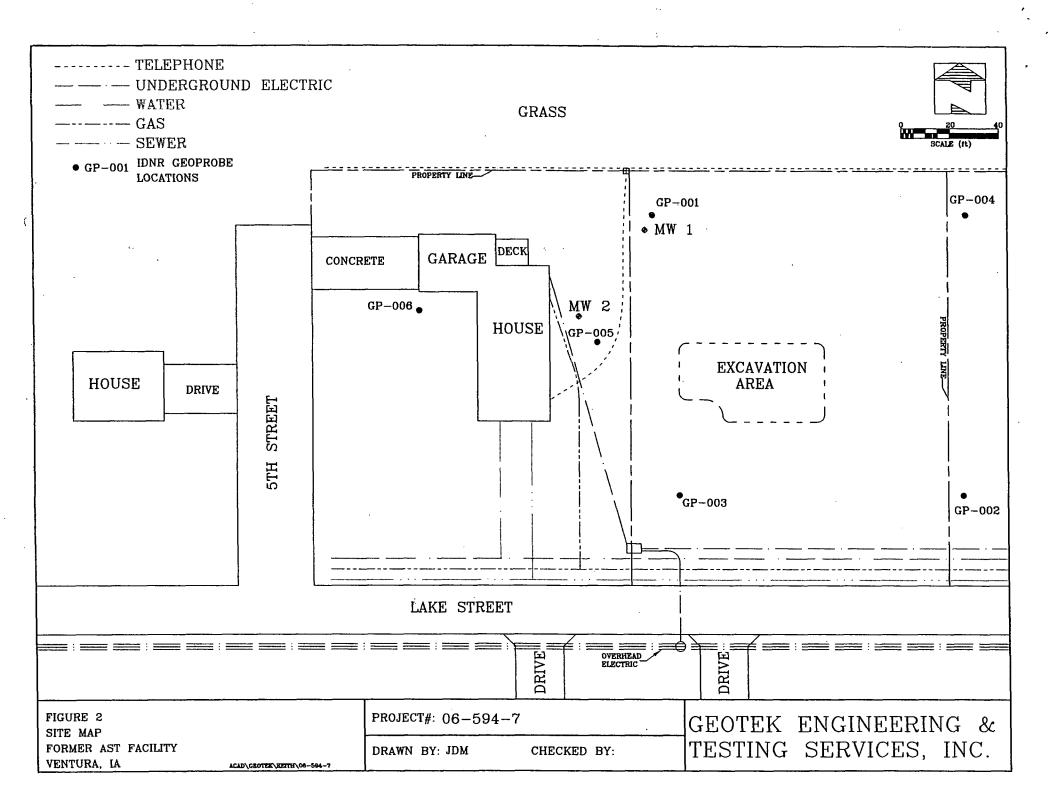
City of Ventura, P.O. Box 230, Ventura, IA 50482

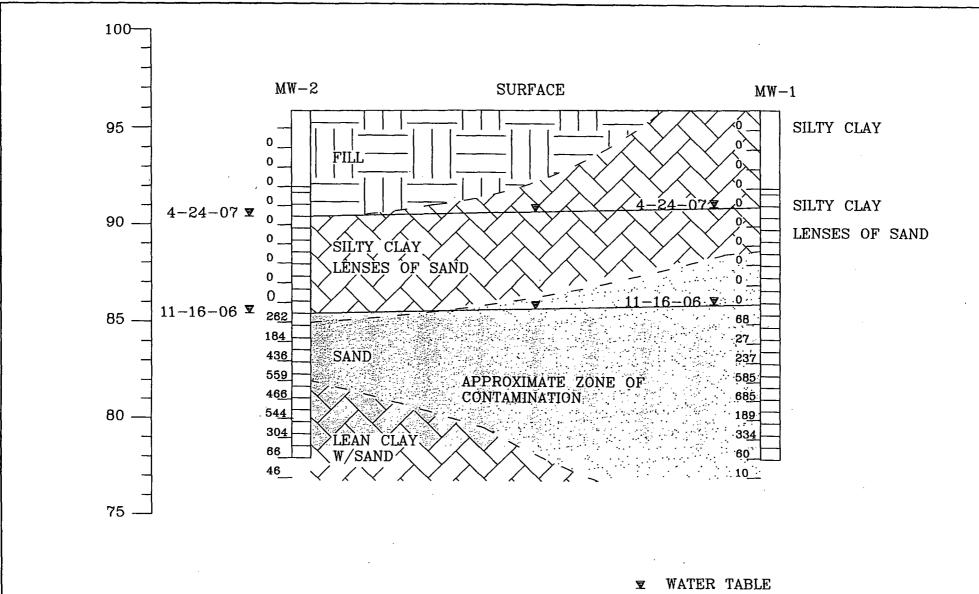
TABLE 1 Groundwater Data Former Bulk Plant Ventura, Iowa

| Well | Date | Benzene | Toluene | Ethylbenzene | Xylenes | TEH-Gas | TEH-Diesel | GW Elevation |
|------|------------|---------|---------|--------------|---------|---------|------------|--------------|
| | | | | | | | | |
| MW-1 | 6/20/2006 | 3,340 | 12,000 | 2,600 | 12,100 | 144,000 | <100 | 90.41 |
| MW-1 | 7/18/2006 | 1,190 | 8,660 | 1,460 | 8,350 | 120,000 | <100 | 88.84 |
| MW-1 | 8/22/2006 | 1,950 | 10,200 | 1,400 | 10,600 | 103,000 | 30,700 | 87.57 |
| MW-1 | 9/20/2006 | 2,290 | 9,720 | 2,200 | 12,300 | 234,000 | <100 | 87.04 |
| MW-1 | 10/19/2006 | 1,850 | 9,380 | 1,660 | 9,500 | 187,000 | <100 | 86.66 |
| MW-1 | 11/16/2006 | 2,300 | 10,100 | 2,210 | 9,870 | 290,000 | <100 | 86.31 |
| MW-1 | 12/7/2006 | 1,880 | 8,780 | 1,280 | 8,430 | 271,000 | <200 | 86.42 |
| MW-1 | 1/26/2007 | 1,440 | 5,570 | 1,590 | 8,080 | 215,000 | <400 | 87.99 |
| MW-1 | 2/20/2007 | 2,390 | 9,340 | 1,900 | 10,750 | 282,000 | <200 | 87.66 |
| MW-1 | 3/29/2007 | 360 | 2,140 | 680 | 4,160 | 74,100 | <100 | 89.38 |
| MW-1 | 4/24/2007 | 12 | 65 | 98 | 630 | 6,330 | <200 | 92.33 |
| MW-1 | 5/23/2007 | 107 | 150 | 275 | 1,140 | 9,930 | <100 | 92.00 |
| | | | | | | | | · |
| MW-2 | 6/20/2006 | 1,342 | 1,640 | 2,660 | 16,400 | 607,000 | 122,000 | 89.57 |
| MW-2 | 7/18/2006 | 190 | 170 | 830 | 5,640 | 114,000 | <100 | 88.01 |
| MW-2 | 8/22/2006 | 24 | 402 | 698 | 7,320 | 58,100 | 36,000 | 86.78 |
| MW-2 | 9/20/2006 | <20 | 819 | 825 | 7,980 | 185,000 | <100 | 86.27 |
| MW-2 | 10/19/2006 | 234 | 887 | 874 | 7,190 | 132,000 | <100 | 85.82 |
| MW-2 | 11/16/2006 | 157 | 917 | 1020 | 8,320 | 21,800 | <100 | 85.46 |
| MW-2 | 12/7/2006 | 206 | 706 | 599 | 6,020 | 95,900 | <200 | 85.59 |
| MW-2 | 1/26/2007 | 152 | 105 | 340 | 1,550 | 24,000 | <400 | 87.15 |
| MW-2 | 2/20/2007 | 210 | 350 | 490 | 3,360 | 53,000 | <200 | 86.71 |
| MW-2 | 3/29/2007 | 100 | 690 | 490 | 4,510 | 34,800 | <100 | 88.74 |
| MW-2 | 4/24/2007 | 91 | 884 | 721 | 6,010 | 45,400_ | <100 | 91.31 |
| MW-2 | 5/23/2007 | 196 | 964 | 704 | 6,060 | 71,900 | <100 | 91.00 |

Notes: BTEX, TEH-Gas & TEH-Diesel concentrations in ug/L (parts per billion [ppb]) Groundwater elevations in feet, referenced to temporary benchmark set at 100 ft.







HORIZONTAL SCALE 1"=10'
VERTICAL SCALE 1"=5'

FIELD SCREENING VALUES (PID) SHOWN AT THE LEFT OF EACH WELL

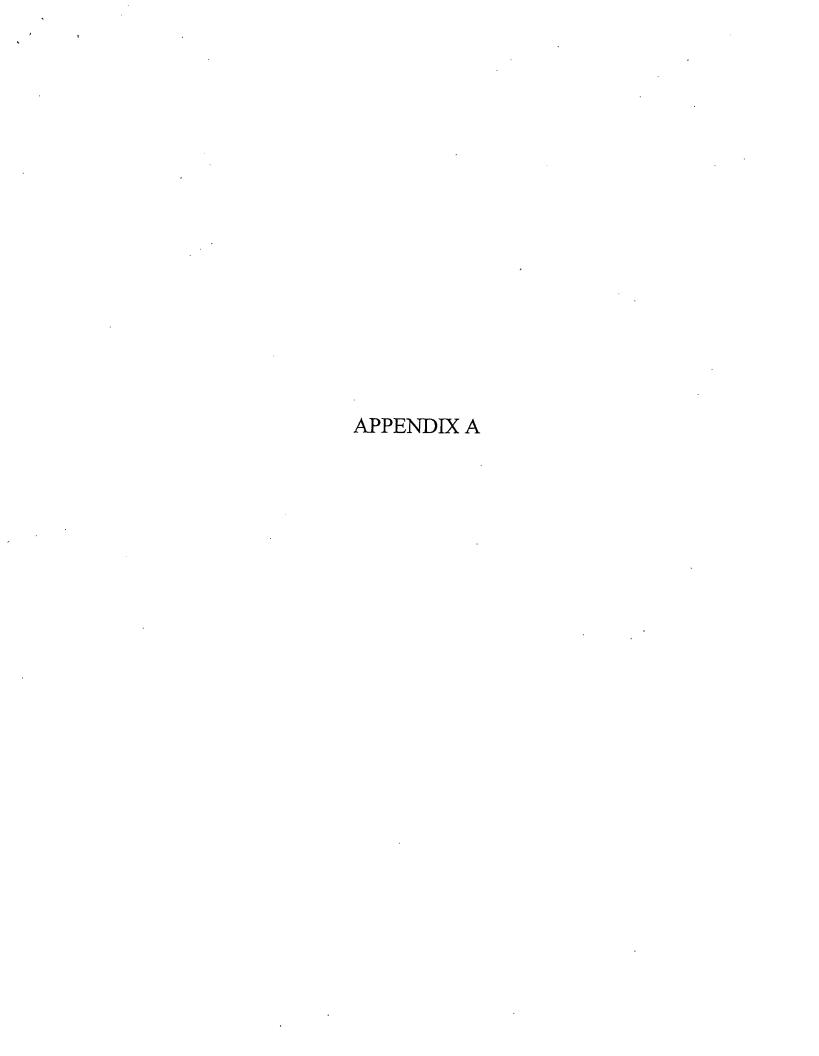
FIGURE 3
CROSS—SECTION
FORMER AST FACILITY
VENTURA, IA
ACAD\GEOTEX\REITE\00-594

PROJECT#: 06-594-7

DRAWN BY: JDM

CHECKED BY:

GEOTEK ENGINEERING & TESTING SERVICES, INC.



| SOIL | BORING LO | OG AND MO | ONITORING | WEL | L CO | NSTRUC | TIO | N DIAGRAM |
|---|-------------------------------------|-----------------|--------------------------|---------|----------|----------------------|--------------|---|
| Boring / W | /ell Number: | Facility Name | | _ | Facility | y Street Add | ress: | |
| Boring De | oth (ft) X Diamete | er (in): 20.0 x | 7.25 | | Drilling | Method: | 3.25" | ' ID Hollow Stem Auge |
| Well Contr | actor Name: Ke | ith DeLange | | | Logge | d by: | Keith | DeLange |
| Registratio | n Number: 66 | 62 | | , | | | | |
| Ground Su | ırface | | Top of | Casing | | | • | |
| Elevation (| ASL): 96.92 | | | Elevat | ion (ASL | .): 96.58 | | |
| Date: | 6/5/06 | Date: | 6/5/06 | USTN | lumber: | | LU | ST Number: |
| Start Time: | 1:03 pm | End Time: | 2:35 pm | NA | | | NA | |
| | Well Constructi | | T T | | nple | | | ck Formations, Soil, Color |
| Depth (feet) | | | Blow Count if applicable | No. | Type* | PID / FID Reading | | and Classifications, Observations (moisture, odor, etc.) First column for USCS |
| _ | Cement Grout | | | 1 2 | SS SS | 0 | CL-ML | SILTY CLAY: dark brown, dry to moist, (CL-ML) |
| | → 2" PVC Casing → Hydrated Bento | nite | | 3 | ss | 0 | CL-ML | . SILTY CLAY: brown, |
| | - Flydrated Berito | mile | | 4 | ss | 0 | İ | moist, lenses of sand (CL-ML) |
| _ 7/1 | | | | 5 | ss | 0 | | |
| ☑ 5— | 3 24 | | | 6 | SS | 0 | | • |
| 7/1 | 34 | | | 7 | ss | 0 | | |
| | 34 | | | 8 | SS | 0 | SP | SAND: with gravel, poorly graded fine to |
| | | | | 9 | SS | 0 | | coarse grained, brown, |
| 10— | | | | 10 | SS | 0 | | moist to waterbearing, lenses of clay (SP) |
| | 3 ∰ | | | 11 | SS | 0 | 1 | |
| | 2" PVC #10 Slo | t Screen . | | 12 | SS | 68 | ĺ | |
| | | | | 13 | SS | 27 | | |
| | | | | 14 | SS | 237 | 1 | |
| 15— | #-#30 Silica Sand | ; | | 15 | SS | 585 | į | |
| | | ; | | 16 | SS | 685* | | |
| | | | Ì | 17 | SS | 189 | | |
| 4.5 | | | 1 | 18 | SS | 334 | į | |
| <u> </u> | 超 | | | 19 | SS | 60 | | |
| 20— | | | | 20 | SS | 10 | | Dottom of harabala at |
| | | | | | | : | Ì | Bottom of borehole at 20 feet. |
| | | | | | | ļ | | *Lab soil sample |
| | | | | | | | | |
| * SS (split s | poon) HS (hollov | w stem auger) | FA (flight auge | er) NSI | R (no sa | mple recove | red) | ** ND (non-detect) |

| * SS (split spoon) | HS (hollow stem auger) | FA (flight auger) | NSR (no sample recovere | d) ** ND (non-detect) |
|--------------------|------------------------|-------------------|-------------------------|-----------------------|
| = | | | | |

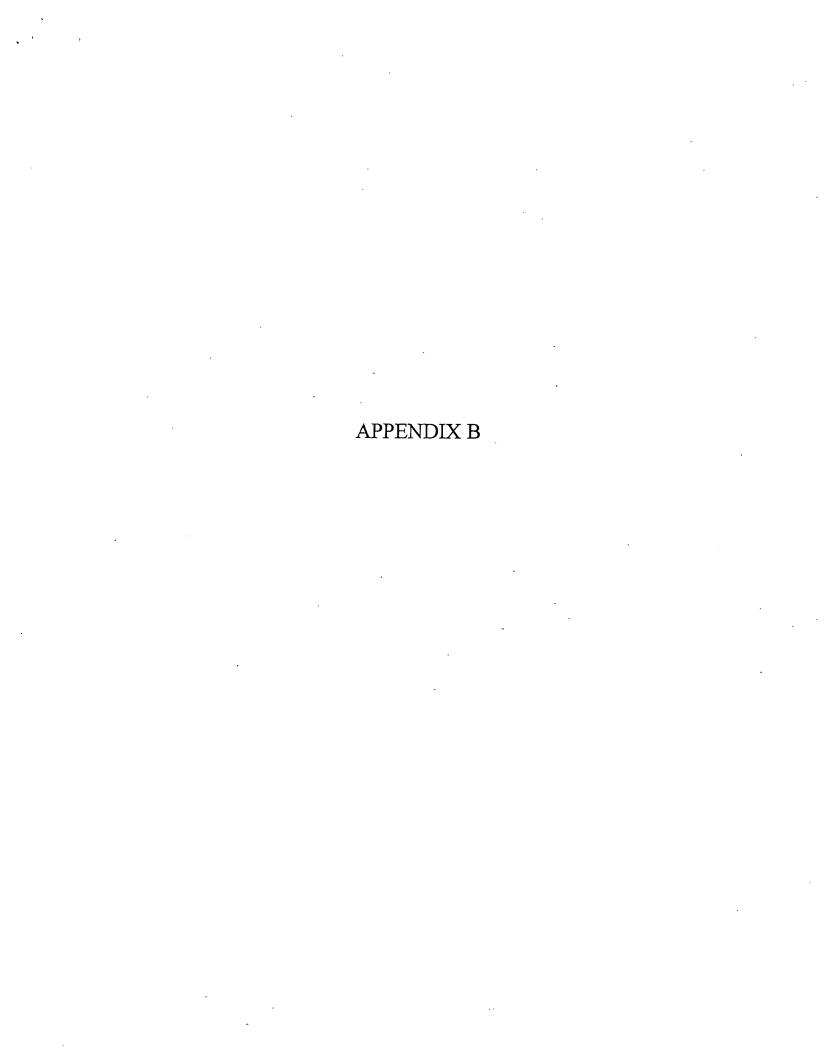
| Observations | Date: | 6/5/06 | 6/20/06 | |
|---------------------------|--------|---------|---------|--|
| Water Levels (ASL) | Level: | ☑ 91.30 | 90.41 | |
| Static Water Level Symbol | Time: | 4:00 pm | 4:30 pm | |

GEOTEK Number: 06-594

| SOIL | BORING LC | G AND M | ONITORING | 3 WEL | L CO | NSTRUC | TIC | N DIAGRAM | | |
|---------------------------------------|------------------------------------|---------------|---------------|----------|--------------------------|------------------|--------------------------|---|--|--|
| Boring / W | ell Number: | Facility Nam | e: | | Facility | y Street Add | ress: | | | |
| MW-2 | 1 of 1 | Former AST | Facility | | Ventu | ra, IA | | | | |
| Boring Der | oth (ft) X Diamete | er (in): 20.0 | c 7.25 | | Drilling | g Method: | ' ID Hollow Stem Auger | | | |
| Well Contr | actor Name: Ke | ith DeLange | | | Logged by: Keith DeLange | | | | | |
| Registratio | n Number: 666 | 52 | | | | | | · | | |
| Ground Su | ırface | | Top of | Casing | | | | | | |
| Elevation (| ASL): 96.55 | | | Elevat | ion (ASL | .): 96.28 | | | | |
| Date: 6/5/06 Date: 6/5/06 | | | | | lumber: | | LU | ST Number: | | |
| Start Time: | 2:41 pm | End Time: | 4:02 pm | NA | | | NA | | | |
| Depth | Well Construction | on Details | Blow Count | Sar | nple | PID / FID | Ro | ck Formations, Soil, Color and Classifications, | | |
| (feet) | | | if applicable | No. | Type* | Reading | | Observations (moisture, odor, etc.) First column for USCS | | |
| \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | Cement Grout | | + | 1 | SS | 0 | | FILL, MOSTLY CLAY | | |
| | | | 2 | ss | , 0 | | dark brown, dry to moist | | | |
| | ── 2" PVC Casing ── Hydrated Bento | nite | | 3 | ss | 0 | | | | |
| | | | | 4 | ss | 0 | | | | |
| 5 | | • | | 5 | SS | 0 | 1 | Oll TV Cl AV. harrow | | |
| ▼ 1 | | | | 6 7 | SS | 0 | CL-ML | moist, lenses of sand | | |
| - | | | | 8 | ss | 0 | į | (CL-ML) | | |
| | | | | 9 | ss | 0 | į | | | |
| | | | | 10 | ss | 0 | | | | |
| 10— | | | | 11 | ss | 0 | | | | |
|]:[| 2" PVC #10 Slo | Screen | | 12 | SS | 262 | | | | |
| | | | | 13 | SS | 184 | SP | SAND: a little gravel, poorly graded fine to | | |
| | | | | 14 | SS | 436 | | coarse grained, brown, moist to waterbearing, | | |
| 15— | #30 Silica Sand | | | 15 16 | SS SS | 559* 466 | CL | (SP) LEAN CLAY WITH | | |
| + | | | | 17 | SS | 544 | į | SAND: a little gravel, | | |
| + 1 | | | | -18 | ss | 304 | ļ | dark gray, moist, lenses of sand (CL) | | |
| 1 | | | | 19 | SS | 66 | | | | |
| | ii.j | | | 20 | ss | 46 | | | | |
| . 20— | | | | | | | | Bottom of borehole at 20 feet. | | |
| | | | | | | | ; ; | *Lab soil sample | | |
| | | | | | | | | | | |
| | | | | | | | | | | |

* SS (split spoon) HS (hollow stem auger) FA (flight auger) NSR (no sample recovered) ** ND (non-detect)

| Observations | Date: | 6/5/06 | 6/20/06 | | |
|---------------------------|--------|---------|---------|--|--|
| Water Levels (ASL) | Level: | ♀ 90.76 | 89.57 | | |
| Static Water Level Symbol | Time: | 4:30 pm | 4:15pm | | |



GEOTEK

GEOTEK ENGINEERING & TESTING SERVICES, INC.

909 East 50th Street North Sioux Falls, SD 57104 605-335-5512 Fax 605-335-0773

REPORT OF ANALYTICAL RESULTS

PROJECT #: 06-594

Former AST Facility

CHAIN OF CUSTODY 20651

..........

June 01, 2007

SAMPLE MEDIUM:

DATE:

WATER

DATE SAMPLED:

May 23, 2007

DATE RECEIVED:

May 24, 2007

CLIENT:

PROJECT:

Ventura, IA

Hancock County Coop Oil Garner, IA 50438

PHONE:

SAMPLER:

Jeff Thorsheim 605-335-5512

| Site | <u>Lab ID#</u> | Method | Compound Analyzed | Test Results | <u>Units</u> | Metho Detection | | |
|-------------------------|----------------|--------|-------------------|--------------|--------------|--------------------|------|--|
| MW #1 | 1334-07 | | | | | | | |
| | 5/24/2007 | OA-1 | Benzene | 107 | ug/L | 2 | ug/L | |
| | 5/24/2007 | OA-1 | Toluene | 150 | ug/L | | ug/L | |
| | 5/24/2007 | OA-1 | Ethylbenzene | 275 | ug/L | | ug/L | |
| | 5/24/2007 | OA-1 | Xylenes | 1140 | ug/L | 50 | ug/L | |
| | 5/29/2007 | OA-2 | TEH as Gasoline | 9930 | ug/L | 200 | ug/L | |
| | 5/29/2007 | OA-2 | TEH as Diesel | <100 | ug/L | 200 | ug/L | |
| Comments: Sample pH <2. | | | Surro | gate 1 | 07 % | | | |
| MW #2 | 1335-07 | | - | | | | | |
| | 5/24/2007 | OA-1 | Benzene | 196 | ug/L | 2 | ug/L | |
| | 5/24/2007 | OA-1 | Toluene | 964 | ug/L | 20 | ug/L | |
| | 5/24/2007 | OA-1 | Ethylbenzene | 704 | ug/L | 20 | ug/L | |
| | 5/24/2007 | OA-1 | Xylenes | 6060 | ug/L | 50 | ug/L | |
| | 5/30/2007 | OA-2 | TEH as Gasoline | 71900 | ug/L | 2000 | ug/L | |
| | 5/29/2007 | OA-2 | TEH as Diesel | <100 | ug/L | 200 | ug/L | |
| Comments: | Sample pH <2. | | Surrog | gate 1 | 08 % | | | |

Temperature at Receipt: 10 C

Analysts: Katherine Howard and Jason Cook

Respectfully submitted

Katherine Howard, Laboratory Supervisor

Reviewed by: (____/ Cest | color

sn: 20651

Form 13682



GEOTEK ENGINEERING & TESTING SERVICES, INC.

LABORATORY: Was cooler received with Chain of Custody Seal intact? ____ Yes ____ No Initials ____

909 East 50th Street North Sioux Falls, SD 57104 Telephone (605) 335-5512 • Fax (605) 335-0773

| | CHAIN | OF | CUST | ODY | RECO | DRE |
|--|-------|----|------|-----|------|-----|
|--|-------|----|------|-----|------|-----|

Analytical Request

Geotek Project # 06-594-7 GEOTEK PROJECT NAME FMC. AST Facility TRANSMITTAL OF RESULTS Geotek Project Manager ____ Report To _____ P.O. #/Billing Reference _ Bill to 6 Cotch Express Mail? _____ Standard Mail? _____ **ANALYSIS REQUESTED** Sampled by (PRINT) ___ Date Sampled <u>5-13-07</u> Sampler Signature_ Sample No. Sample No. of PID Sample Description Remarks Contain. Reading Type 124 Relinquished by Sampley (Signature) DATE/TIME Received by Shipper: (Signature) DATE/TIME Method of Shipment: 5 27~7 Received by Laboratory: (Signature) DATE/TIME DATE/TIME . 5/21/07 7:19

GEOTEK

GEOTEK ENGINEERING & TESTING SERVICES, INC.

909 East 50th Street North Sioux Falls, SD 57104 605-335-5512 Fax 605-335-0773

REPORT OF ANALYTICAL RESULTS

PROJECT #: 06-594

CHAIN OF CUSTODY . 20619

PROJECT:

DATE:

May 01, 2007

Former AST Facility Ventura, IA

SAMPLE MEDIUM:

WATER

,

DATE SAMPLED:

April 24, 2007

DATE RECEIVED:

April 25, 2007

CLIENT:

Hancock County Coop Oil Garner, IA 50438

PHONE:

SAMPLER:

Jeff Thorsheim 605-335-5512

| <u>Site</u> | Lab ID# | <u>Method</u> | Compound Analyzed | <u>Test Re</u> | sults | <u>Units</u> | <u>Meth</u> Detection | |
|-------------|---------------|---------------|-------------------|----------------|---------|--------------|--------------------------|----------------|
| MW #1 | 1271-07 | | | | | | | |
| | 4/26/2007 | OA-1 | Benzene | | 12 | ug/L | 2 | ug/L |
| | 4/26/2007 | OA-1 | Toluene | | 65 | ug/L | 2 | • |
| | 4/26/2007 | OA-1 | Ethylbenzene | | 98 | ug/L | 2 | U |
| | 4/26/2007 | OA-1 | Xylenes | | 630 | ug/L | 5 | ug/L |
| | 4/26/2007 | OA-1 | TPH as Gasoline | | 6330 | ug/L | 100 | |
| | 4/30/2007 | OA-2 | TEH as Diesel | | <200 | ug/L | 200 | ug/L |
| Comments: | Sample pH <2. | | | Surrogate · | | 0.4 % | | -3 |
| MW #2 | 1272-07 | | | | • | | | |
| | 4/26/2007 | OA-1 | Benzene | | 91 | ug/L | 2: | ug/L |
| | 4/30/2007 | OA-1 | Toluene | | 884 | ug/L | | ug/L |
| | 4/30/2007 | OA-1 | Ethylbenzene | | 721 | ug/L | 20 | ug/L |
| | 4/30/2007 | OA-1 | Xylenes | | 6010 | ug/L | 50 | - |
| | 4/30/2007 | OA-1 | TPH as Gasoline | | 45400 | ug/L | | - |
| | 4/30/2007 | OA-2 | TEH as Diesel | | <100 | ug/L | | ug/L |
| Comments: | Sample pH <2. | | | Surrogate | 10 | 05 % | | J |
| SUMP | 1273-07 | | | J | | | | |
| | 4/26/2007 | OA-1 | Benzene | | <2 | ug/L | 2 | ug/L |
| | 4/26/2007 | OA-1 | Toluene | | - <2 | ug/L | 2 | ug/L |
| | 4/26/2007 | OA-1 | Ethylbenzene | | <2 | ug/L | 2 | ug/L |
| | 4/26/2007 | OA-1 | Xylenes | | - <5 | ug/L | 5 | ug/L |
| Comments: | Sample pH <2. | | • | Surrogate | | 9.3 % | • | - 3 |

GEOTEK

GEOTEK ENGINEERING & TESTING SERVICES, INC.

909 East 50th Street North Sioux Falls, SD 57104 605-335-5512 Fax 605-335-0773

REPORT OF ANALYTICAL RESULTS

PROJECT #: 06-594

CHAIN OF CUSTODY 2061

20619

PROJECT:

DATE:

May 01, 2007

Former AST Facility

SAMPLE MEDIUM:

WATER

Ventura, IA

DATE SAMPLED:

April 24, 2007

DATE RECEIVED:

April 25, 2007

CLIENT:

Hancock County Coop Oil Garner, IA 50438

PHONE:

SAMPLER:

Jeff Thorsheim 605-335-5512

Site

Lab ID#

Method

Compound Analyzed

Test Results

Units Deter

Method Detection Limit

Temperature at Receipt: 6 C

Analysts: Katherine Howard and Jason Cook

Respectfully_submitted

Katherine Howard, Laboratory Supervisor

Reviewed by 4207

sn: 20619



GEOTEK ENGINEERING & TESTING SERVICES, INC.

909 East 50th Street North Sioux Falls, SD 57104 Telephone (605) 335-5512 • Fax (605) 335-0773

CHAIN OF CUSTODY RECORD

Analytical Request

| GEOTEK P | ROJECT NAME For | Àst F | -ac. 1 | ty | Geotek I | Project : | #(| 06- | -59 | 46 | <u>)</u> | | | | | | OF RESUL | |
|---------------|-----------------------------------|-------------------|----------------|-------------------|----------------|-------------|---------|-------------|---|---|---|------------------|-----------------|---------|--|--------------------|-------------|------------|
| | 1110 . 1 | , . | | \mathcal{T}^{-} | Geotek I | Project i | Manag | er <u> </u> | h | 91 | 14 | D.L | | _ Rep | ort To _ | | | |
| Address | 413 W. La | | | | P (#/P | | | | | | | | | | | | | |
| _ | Ventura | Icu | 4 | | Bill To _ | | (| 500 | ste | K | | | | | | | | |
| | 0 | | | | | | | | | | | | | | | | | |
| Sampled by (| PRINT) Ked | | Phone# _ | | | | | Š. | | | ANALY | SIS REQ | UESTED | | | | | |
| Sampler Sign | ature <u>JU</u> TM | <u></u> | Date Sample | 4-7 | 24-07 | (480)47) | | | orling 100 N | F. 12 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 | 7. 7. 7. 8. 8. 8. 8. 8. 8. 8. 8. 8. 8. 8. 8. 8. | | Wilder Williams | , orang | 20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | o money the second | | |
| Sample No. | Sample Description | | Sample Type | No. of Contain. | PID Reading | 3 | | / ž*/ | \ \ \frac{\signature{\sinity}}\signature{\signature{\signature{\signature{\si | | Z 3 / | Benzen Oluene | \$ / 2 | | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | 3 | Remarks | |
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| 1272 | mu 2 | | X | 人 | | | X | | | X | | | | | | Shall | it | |
| 1273 | Sump | | 1 | 300 | | | X | | | | | | | | | - 9 | | |
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| Relinquished | by Sampler: Signature) | DATE/TIME | (4) | Received | by Shippe | er: (Signat | ure) | | DA | TE/TIM | E | | Meth | od of S | hipment: | | | |
| Delivered by | Shipper: (Signature) | DATE/TIME | | Received | by Labora | atory (Sig | háture) | | | ATE/TAM | | 13:22 | | | | | | |
| LABORATOR | Y: Was cooler received with Chain | of Custody Seal i | intact? | Yes | No Initials | | | | l | yesa: / | | | | | | | 1 | Form 13682 |