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State of Wisconsin
Department of Natural Resources
P.O. Box 7921, Madison, WI 53707-7921

GIS REGISTRY (Cover Sheet)
Form 4400-280 (R 6/13)

Source Property Information

CLOSURE DATE: 06/27/2013

BRRTS #: 03-49-234619 (No Dashes)

FID #: NA

ACTIVITY NAME: HANSON ELECTRIC

DATCP #: NA

PROPERTY ADDRESS: 613 HWY 35

PECFA#: 54020404513

MUNICIPALITY: OSCEOLA

PARCEL ID #: 022-01111-0000

***WTM COORDINATES:**

X: **308403** Y: **539670**

** Coordinates are in WTM83, NAD83 (1991)*

WTM COORDINATES REPRESENT:

- (•) Approximate Center Of Contaminant Source
- ( ) Approximate Source Parcel Center

Please check as appropriate: (BRRTS Action Code)

CONTINUING OBLIGATIONS

Contaminated Media for Residual Contamination:

- [ ] Groundwater Contamination > ES *(236)*
  - [ ] Contamination in ROW
  - [ ] Off-Source Contamination

  *(**note:** for list of off-source properties see "Impacted Off-Source Property Information, Form 4400-246")*
- [x] Soil Contamination > *RCL or **SSRCL *(232)*
  - [ ] Contamination in ROW
  - [ ] Off-Source Contamination

  *(**note:** for list of off-source properties see "Impacted Off-Source Property Information, Form 4400-246")*

Site Specific Obligations:

- [ ] Soil: maintain industrial zoning *(220)*

  *(**note:** soil contamination concentrations between non-industrial and industrial levels)*
- [ ] Structural Impediment *(224)*
- [ ] Site Specific Condition *(228)*
- [ ] Cover or Barrier *(222)*
  - [ ] Direct Contact
  - [ ] Soil to GW Pathway
- [ ] Vapor Mitigation *(226)*
- [ ] Maintain Liability Exemption *(230)*

  *(**note:** local government unit or economic development corporation was directed to take a response action)*

Comments:

Monitoring Wells:

Are all monitoring wells properly abandoned per NR 141? *(234)*

( ) Yes ( ) No (•) N/A

** Residual Contaminant Level*
***Site Specific Residual Contaminant Level*

State of Wisconsin
Department of Natural Resources
http://dnr.wi.gov

PLEASE ASSEMBLE IN THIS ORDER

GIS Registry Checklist

Form 4400-245 (R 8/11)

This Adobe Fillable form is intended to provide a list of information that is required for evaluation for case closure. It is to be used in conjunction with Form 4400-202, Case Closure Request. The closure of a case means that the Department has determined that no further response is required at that time based on the information that has been submitted to the Department.

NOTICE: Completion of this form is mandatory for applications for case closure pursuant to ch. 292, Wis. Stats. and ch. NR 726, Wis. Adm. Code, including cases closed under ch. NR 746 and ch. NR 726. The Department will not consider, or act upon your application, unless all applicable sections are completed on this form and the closure fee and any other applicable fees, required under ch. NR 749, Wis. Adm. Code, Table 1 are included. It is not the Department's intention to use any personally identifiable information from this form for any purpose other than reviewing closure requests and determining the need for additional response action. The Department may provide this information to requesters as required by Wisconsin's Open Records law [ss. 19.31 - 19.39, Wis. Stats.].

BRRTS #: 03-49-234619 *(No Dashes)* PARCEL ID #: 022-01111-0000

ACTIVITY NAME: Hanson Electric WTM COORDINATES: X: 308402 Y: 539675

CLOSURE DOCUMENTS (the Department adds these items to the final GIS packet for posting on the Registry)

- [X] **Closure Letter**
- [ ] **Maintenance Plan** *(if activity is closed with a land use limitation or condition (land use control) under s. 292.12, Wis. Stats.)*
- [ ] **Continuing Obligation Cover Letter** (for property owners affected by residual contamination and/or continuing obligations)
- [ ] **Conditional Closure Letter**
- [ ] **Certificate of Completion (COC)** (for VPLE sites)

SOURCE LEGAL DOCUMENTS

- [X] **Deed:** The most recent deed as well as legal descriptions, for the **Source Property** (where the contamination originated). Deeds for other, off-source (off-site) properties are located in the **Notification** section.
  Note: *If a property has been purchased with a land contract and the purchaser has not yet received a deed, a copy of the land contract which includes the legal description shall be submitted instead of the most recent deed. If the property has been inherited, written documentation of the property transfer should be submitted along with the most recent deed.*
- [X] **Certified Survey Map:** A copy of the certified survey map or the relevant section of the recorded plat map *for those properties where the legal description in the most recent deed refers to a certified survey map or a recorded plat map.* (lots on subdivided or platted property (e.g. lot 2 of xyz subdivision)).

  Figure #: 376026 Title: Polk County Certified Survey Map No. 360
- [X] **Signed Statement:** A statement signed by the Responsible Party (RP), which states that he or she believes that the attached legal description accurately describes the correct contaminated property.

MAPS (meeting the visual aid requirements of s. NR 716.15(2)(h))

Maps must be no larger than 11 x 17 inches unless the map is submitted electronically.

- [X] **Location Map:** A map outlining all properties within the contaminated site boundaries on a U.S.G.S. topographic map or plat map in sufficient detail to permit easy location of all parcels. If groundwater standards are exceeded, include the location of all potable wells within 1200 feet of the site.
  Note: *Due to security reasons municipal wells are not identified on GIS Packet maps. However, the locations of these municipal wells must be identified on Case Closure Request maps.*

  Figure #: Title: Site Location Map
- [X] **Detailed Site Map:** A map that shows all relevant features (buildings, roads, individual property boundaries, contaminant sources, utility lines, monitoring wells and potable wells) within the contaminated area. This map is to show the location of all contaminated public streets, and highway and railroad rights-of-way in relation to the source property and in relation to the boundaries of groundwater contamination exceeding a ch. NR 140 Enforcement Standard (ES), and/or in relation to the boundaries of soil contamination exceeding a Residual Contaminant Level (RCL) or a Site Specific Residual Contaminant Levels (SSRCL) as determined under s. NR 720.09, 720.11 and 720.19.

  Figure #: Title: Site Layout Map
- [X] **Soil Contamination Contour Map:** For sites closing with residual soil contamination, this map is to show the location of all contaminated soil and a single contour showing the horizontal extent of each area of contiguous residual soil contamination that exceeds a Residual Contaminant Level (RCL) or a Site Specific Residual Contaminant Level (SSRCL)as determined under s. NR 720.09, 720.11 and 720.19.

  Figure #: Title: Soil Contamination Map - Close up

BRRTS #: 03-49-234619 ACTIVITY NAME: Hanson Electric

MAPS (continued)

☒ **Geologic Cross-Section Map:** A map showing the source location and vertical extent of residual soil contamination exceeding a Residual Contaminant Level (RCL) or a Site Specific Residual Contaminant Level (SSRCL). If groundwater contamination exceeds a ch. NR 140 Enforcement Standard (ES) when closure is requested, show the source location and vertical extent, water table and piezometric elevations, and locations and elevations of geologic units, bedrock and confining units, if any.

Figure #: **Title: Geologic Cross Section Map - Close up**

Figure #: **Title: Geologic Cross Section**

☐ **Groundwater Isoconcentration Map:** For sites closing with residual groundwater contamination, this map shows the horizontal extent of all groundwater contamination exceeding a ch. NR140 Preventive Action Limit (PAL) and an Enforcement Standard (ES). Indicate the direction and date of groundwater flow, based on the most recent sampling data.
Note: *This is intended to show the total area of contaminated groundwater.*

Figure #: **Title:**

☐ **Groundwater Flow Direction Map:** A map that represents groundwater movement at the site. If the flow direction varies by more then 20° over the history of the site, submit 2 groundwater flow maps showing the maximum variation in flow direction.

Figure #: **Title:**

Figure #: **Title:**

TABLES (meeting the requirements of s. NR 716.15(2)(h)(3))

Tables must be no larger than 11 x 17 inches unless the table is submitted electronically. Tables must not contain shading and/or cross-hatching. The use of **BOLD** or *ITALICS* is acceptable.

☒ **Soil Analytical Table:** A table showing remaining soil contamination with analytical results and collection dates.
Note: This is one table of results for the contaminants of concern. Contaminants of concern are those that were found during the site investigation, that remain after remediation. It may be necessary to create a new table to meet this requirement.

Table #: **Title: Soil Analytical Results Summary**

☐ **Groundwater Analytical Table:** Table(s) that show the most recent analytical results and collection dates, for all monitoring wells and any potable wells for which samples have been collected.

Table #: **Title:**

☐ **Water Level Elevations:** Table(s) that show the previous four (at minimum) water level elevation measurements/dates from all monitoring wells. If present, free product is to be noted on the table.

Table #: **Title:**

IMPROPERLY ABANDONED MONITORING WELLS

For each monitoring well not properly abandoned according to requirements of s. NR 141.25 include the following documents.
Note: *If the site is being listed on the GIS Registry for only an improperly abandoned monitoring well you will only need to submit the documents in this section for the GIS Registry Packet.*

☒ **Not Applicable**

☐ **Site Location Map:** A map showing all surveyed monitoring wells with specific identification of the monitoring wells which have not been properly abandoned.
Note: *If the applicable monitoring wells are distinctly identified on the Detailed Site Map this Site Location Map is not needed.*

Figure #: **Title:**

☐ **Well Construction Report:** Form 4440-113A for the applicable monitoring wells.

☐ **Deed:** The most recent deed as well as legal descriptions for each property where a monitoring well was not properly abandoned.

☐ **Notification Letter:** Copy of the notification letter to the affected property owner(s).

BRRTS #: 03-49-234619 ACTIVITY NAME: Hanson Electric

NOTIFICATIONS

Source Property

☒ **Not Applicable**

☐ **Letter To Current Source Property Owner:** If the source property is owned by someone other than the person who is applying for case closure, include a copy of the letter notifying the current owner of the source property that case closure has been requested.

☐ **Return Receipt/Signature Confirmation:** Written proof of date on which confirmation was received for notifying current source property owner.

Off-Source Property

Group the following information per individual property and label each group according to alphabetic listing on the "Impacted Off-Source Property" attachment.

☒ **Not Applicable**

☐ **Letter To "Off-Source" Property Owners:** Copies of all letters sent by the Responsible Party (RP) to owners of properties with groundwater exceeding an Enforcement Standard (ES), and to owners of properties that will be affected by a land use control under s. 292.12, Wis. Stats.
Note: *Letters sent to off-source properties regarding residual contamination must contain standard provisions in Appendix A of ch. NR 726.*

Number of "Off-Source" Letters:

☐ **Return Receipt/Signature Confirmation:** Written proof of date on which confirmation was received for notifying any off-source property owner.

☐ **Deed of "Off-Source" Property:** The most recent deed(s) as well as legal descriptions, for all affected deeded **off-source property(ies).** This does not apply to right-of-ways.
Note: *If a property has been purchased with a land contract and the purchaser has not yet received a deed, a copy of the land contract which includes the legal description shall be submitted instead of the most recent deed. If the property has been inherited, written documentation of the property transfer should be submitted along with the most recent deed.*

☐ **Certified Survey Map:** A copy of the certified survey map or the relevant section of the recorded plat map *for those properties where the legal description in the most recent deed refers to a certified survey map or a recorded plat map.* (lots on subdivided or platted property (e.g. lot 2 of xyz subdivision)).

Figure #: **Title:**

☐ **Letter To "Governmental Unit/Right-Of-Way" Owners:** Copies of all letters sent by the Responsible Party (RP) to a city, village, municipality, state agency or any other entity responsible for maintenance of a public street, highway, or railroad right-of-way, within or partially within the contaminated area, for contamination exceeding a groundwater Enforcement Standard (ES) and/or soil exceeding a Residual Contaminant Level (RCL) or a Site Specific Residual Contaminant Level (SSRCL).

Number of "Governmental Unit/Right-Of-Way Owner" Letters:

STATE OF WISCONSIN
Department of Safety and Professional Services

P.O. Box 8044
Madison, Wisconsin 53708-8044

Email: dsps@wisconsin.gov
Web: http://dsps.wi.gov

Governor Scott Walker Secretary Dave Ross

June 27, 2013

Arlan Hanson
PO Box 98
Osceola, WI 54020

RE: **Final Closure**

PECFA # 54020-4045-13-A DNR BRRTS # 03-49-234619
Hanson Electric, 613 State Rd 35, Osceola

Dear Mr. Hanson:

The Wisconsin Department of Safety and Professional Services (DSPS) has reviewed the request for case closure prepared by your consultant, Metco, for the site referenced above. DSPS has determined that this site does not pose a significant threat to human health or the environment. No further investigation or remedial action is necessary.

This case is now listed as "closed" on the DSPS database and will be included on the Department of Natural Resources (DNR) Geographic Information System (GIS) Registry of Closed Remediation Sites to address residual contamination. To review sites on the GIS Registry web page, visit http://dnr.wi.gov/topic/Brownfields/rrsm.html. If you intend to construct or reconstruct a potable well on this property, you must get prior DNR approval.

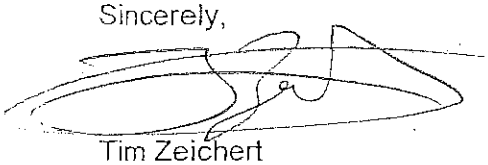
All current and future owners and occupants of the property need to be aware that excavation of contaminated soil may pose a hazard. Special precautions may be needed to prevent inhalation, ingestion or dermal contact with the residual contamination when it is removed. If soil is excavated, the property owner at the time of excavation must have the soil sampled and analyzed to determine if residual contamination remains. If sampling confirms that contamination is present, the property owner at the time of excavation must determine whether the material would be considered solid or hazardous waste and ensure that any storage, treatment or disposal is in compliance with applicable statutes and rules.

Costs for sampling and excavation activities conducted after case closure are not eligible for PECFA reimbursement. However, if it is determined that any undisturbed remaining petroleum contamination poses a threat, the case may be reopened and further investigation or remediation may be required. If this case is reopened, any original claim under the PECFA fund would also reopen and you may apply for assistance to the extent of remaining eligibility.

Timely filing of your final PECFA claim (if applicable) is encouraged. If your PECFA claim is not received within 120 days of the date of this letter, interest costs incurred after 60 days of the date of this letter will not be eligible for PECFA reimbursement.

Thank you for your efforts to protect Wisconsin's environment. If you have any questions, please contact me in writing at the letterhead address or by telephone at (608) 266-5788.

Sincerely,



Tim Zeichert
Hydrogeologist
PECFA Site Review Section

cc: Jason, Powell, Metco
Kerry Koller, Central Bank, PO Box 188, Osceola, WI 54020

NOTICE OF LIS PENDENS

POLK COUNTY, WISCONSIN
Received for record this
7th day of May
AD 2012 at 10:00 AM
Document Number: 795726

Laurie Anderson

Laurie Anderson
Register of Deeds

Name and Return Address

Jodie Leigh Grabarski
Murnane Brandt
30 East Seventh Street, Suite 3200
St. Paul, MN 55101

022-01111-0000
Parcel Identification Number (PIN)

STATE OF WISCONSIN CIRCUIT COURT POLK COUNTY

Central Bank, 2270 Frontage Road West Stillwater, MN 55082 Plaintiff, vs. Arlan G. Hanson 513 Seminole Avenue Osceola, WI 54020-5002 Aziza Hanson 513 Seminole Avenue Osceola, WI 54020-5002	Case No. 12-CV-184 Case Code: 30404 Foreclosure of Mortgage **AMENDED** **NOTICE OF LIS PENDENS**

(4)

A. A. Hanson Electric, Inc. 613 State Road Osceola, WI 54020-5002 Viking Electric Supply, Inc. 380 Jackson Street, #700 St. Paul, MN 55101 J. H. Larson Electrical Company 901 O'Keefe Road Box 566 Hudson, WI 54016 State of Wisconsin Department of Workforce Development 201 East Washington Avenue Madison, WI 53703 Department of Safety and Professional Services State of Wisconsin 1400 East Washington Avenue Room 112 Madison, WI 53703 Operating Engineer's Local 49 Health and Welfare Fund 800 Nicollet Mall #2600 Minneapolis, MN 55402 and Department of the Treasury Internal Revenue Service U.S. Attorney General Eric Holder 950 Pennsylvania Avenue NW Washington, D.C. 20530 Defendants.	

NOTICE IS HEREBY GIVEN that the above-entitled action has been commenced and is pending in the above-named Court upon the Complaint of the above-named Plaintiff and the Amended Complaint therein is now on file in the office of

the Administrator of the Circuit Court above named. The names of the parties to said action are as stated above. This Lis Pendens gives notice of an action to foreclose:

- Real Estate Mortgage in the original principal amount of One Hundred Twenty Four Thousand Three Hundred Sixty and 82/100 Dollars ($124,360.82) executed on May 12, 2000 and recorded May 17, 2000 in the Register of Deeds Office in Polk County, Wisconsin, in Volume 816 of Records, page 177 as Document No. 598169 ("Hanson Mortgage").

The real property affected, involved and brought in question by said action is that real property situated in Polk County, Wisconsin, legally described as follows:

That part of Lot 1 of Certified Survey Map No. 0360 recorded in Volume 2 of Certified Survey Maps on page 89 as Document No. 376026 in the Polk County Register of Deeds office as described as follows: Commencing at the Southeast corner of Section 34, Township 33 North, Range 19 West; thence North 87°10'17" West on the South boundary of said Section 34, 1313.09 feet; thence North 01°57'00" East 680.03 feet; thence North 87°11'31" West 198.00 feet; thence North 01°57'00" East 124.03 feet to the point of beginning; thence North 01°57'00" East 127 feet; thence South 87°11'31" East 198.00 feet; thence North 01°57'00" East 133.84 feet; thence North 87°12'44" West 515.00 feet; thence South 01°20'42" West 260.84 feet; thence in an Easterly direction to the point of beginning; being located in the North One-half of the Southwest Quarter of the Southeast Quarter (N½ of the SW¼ of the SE¼) of Section 34, Township 33 North, Range 19 West, Town of Farmington, Polk County, Wisconsin.

Dated this 4 day of May, 2012

MURNANE BRANDT

Jodie Leigh Grabarski #1020887
Kelly S. Hadac #1059989
Attorneys for Plaintiff
30 East Seventh Street
Suite 3200
St. Paul, MN 55101
Phone: 651- 227-9411
Fax: 651-223-5199

795726

STATE OF MINNESOTA)
) ss
COUNTY OF RAMSEY)

The foregoing instrument was acknowledged before me this 4th day of May, 2012, by Jodie Leigh Grabarski, Attorney for Plaintiff.

Sandra L. Meier
Notary Public

SANDRA L. MEIER
Notary Public-Minnesota
My Commission Expires Jan 31, 2015

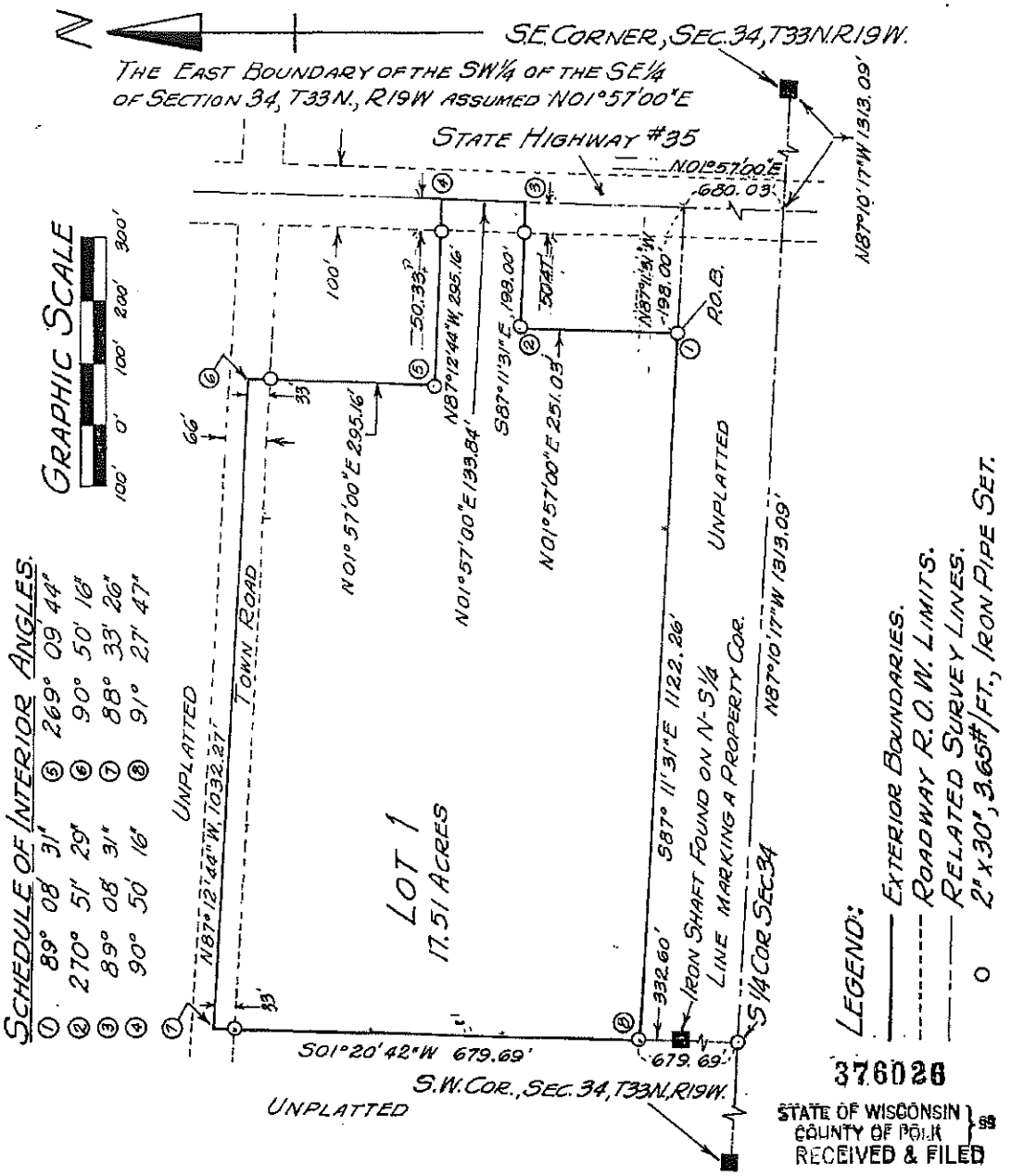
THIS INSTRUMENT WAS DRAFTED BY
MURNANE BRANDT
30 East Seventh Street, Suite 3200
St. Paul, MN 55101
Telephone 651-227-9411

1427194

376026

POLK COUNTY CERTIFIED SURVEY MAP No. 360

A PART OF THE N½ OF THE SW¼ OF THE SE¼ OF SECTION 34, TOWNSHIP 33 NORTH, RANGE 19 WEST, TOWN OF FARMINGTON, COUNTY OF POLK, STATE OF WISCONSIN



SCHEDULE OF INTERIOR ANGLES.

① 89° 08' 31"	⑤ 269° 09' 44"		
② 270° 51' 29"	⑥ 90° 50' 16"		
③ 89° 08' 31"	⑦ 88° 33' 26"		
④ 90° 50' 16"	⑧ 91° 27' 47"		

LEGEND:
——— EXTERIOR BOUNDARIES.
- - - - - ROADWAY R.O.W. LIMITS.
——— RELATED SURVEY LINES.
○ 2"x30", 3.66#/FT., IRON PIPE SET.

376026

STATE OF WISCONSIN } SS
COUNTY OF POLK
RECEIVED & FILED

APR 27 1977

AT 9:00 O'CLOCK A.M.
VOL 2 CSM PAGE 89

Harold Maier REGISTER OF DEEDS
by Norma Hansen, Deputy

NORTH COUNTRY ENGINEERING, INC.
DANBURY, WISCONSIN, 54830

WDNR BRRTS Case #: 03-49-234619

WDNR Site Name: Hanson Electric

Geographic Information System (GIS) Registry of Closed Remediation Sites

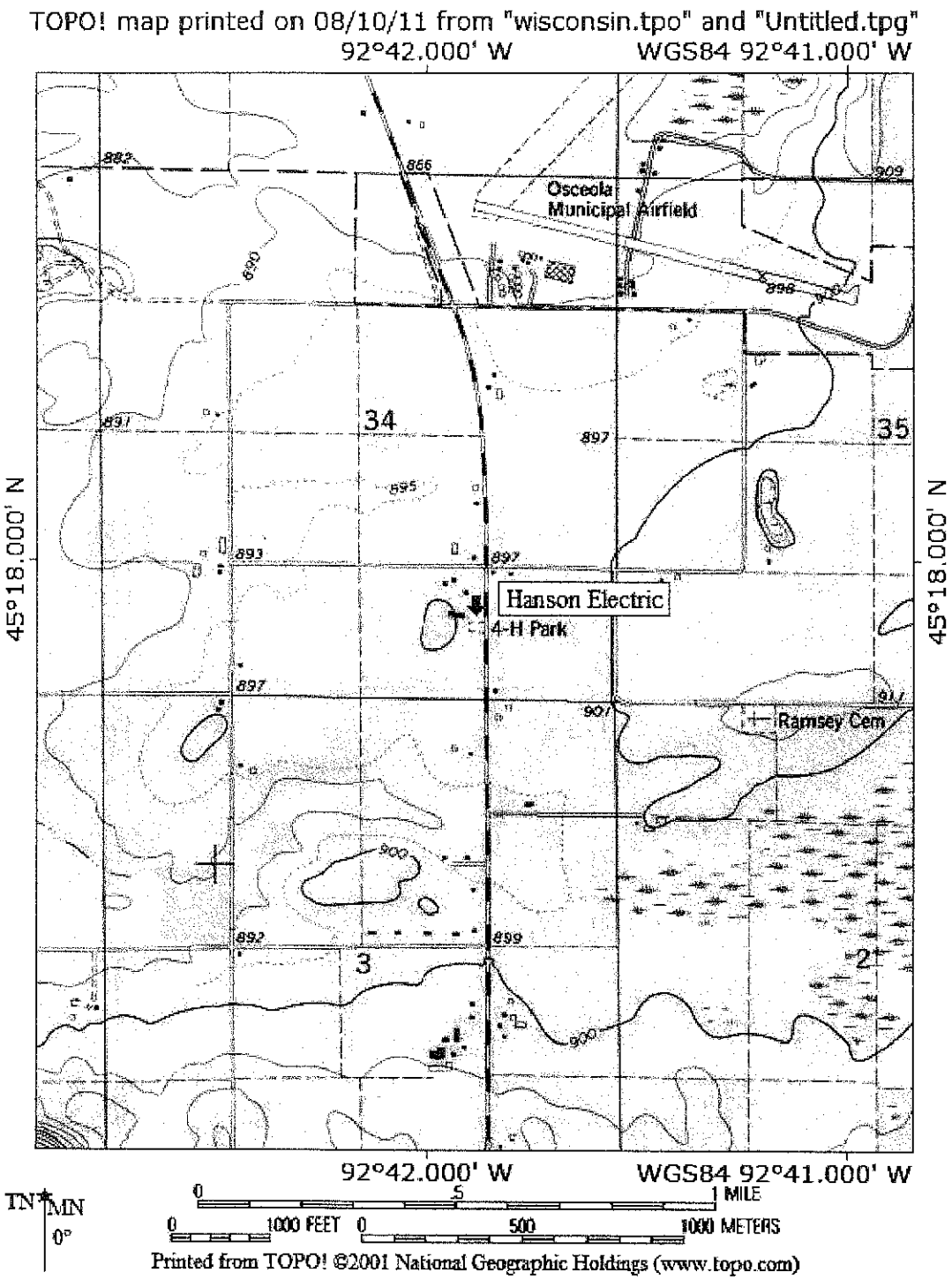
In compliance with the revisions to the NR 700 rule series requiring certain closed sites to be listed on the Geographic Information System (GIS) Registry of Closed Remediation Sites (Registry) effective Nov., 2001, I have provided the following information.

To the best of my knowledge the legal descriptions provided and attached to this statement are complete and accurate.

Responsible Party:

ARLAN G HANSON
(print name/title)

(signature) 11-00-2012 (date)



SITE LOCATION MAP – CONTOUR INTERVAL 10 FEET
HANSON ELECTRIC – OSCEOLA, WI
SEAMLESS USGS TOPOGRAPHIC MAPS ON CD-ROM

SITE LAYOUT MAP

HANSON ELECTRIC

OSCEOLA, WISCONSIN

DRAWN BY: MD

DATE: 06/10/20

NOTE: INFORMATION BASED ON AVAILABLE DATA. ACTUAL CONDITIONS MAY DIFFER

◆ - UST CLOSURE SOIL SAMPLING LOCATION

● - SOIL BORING LOCATION

— — — - PROPERTY LINE

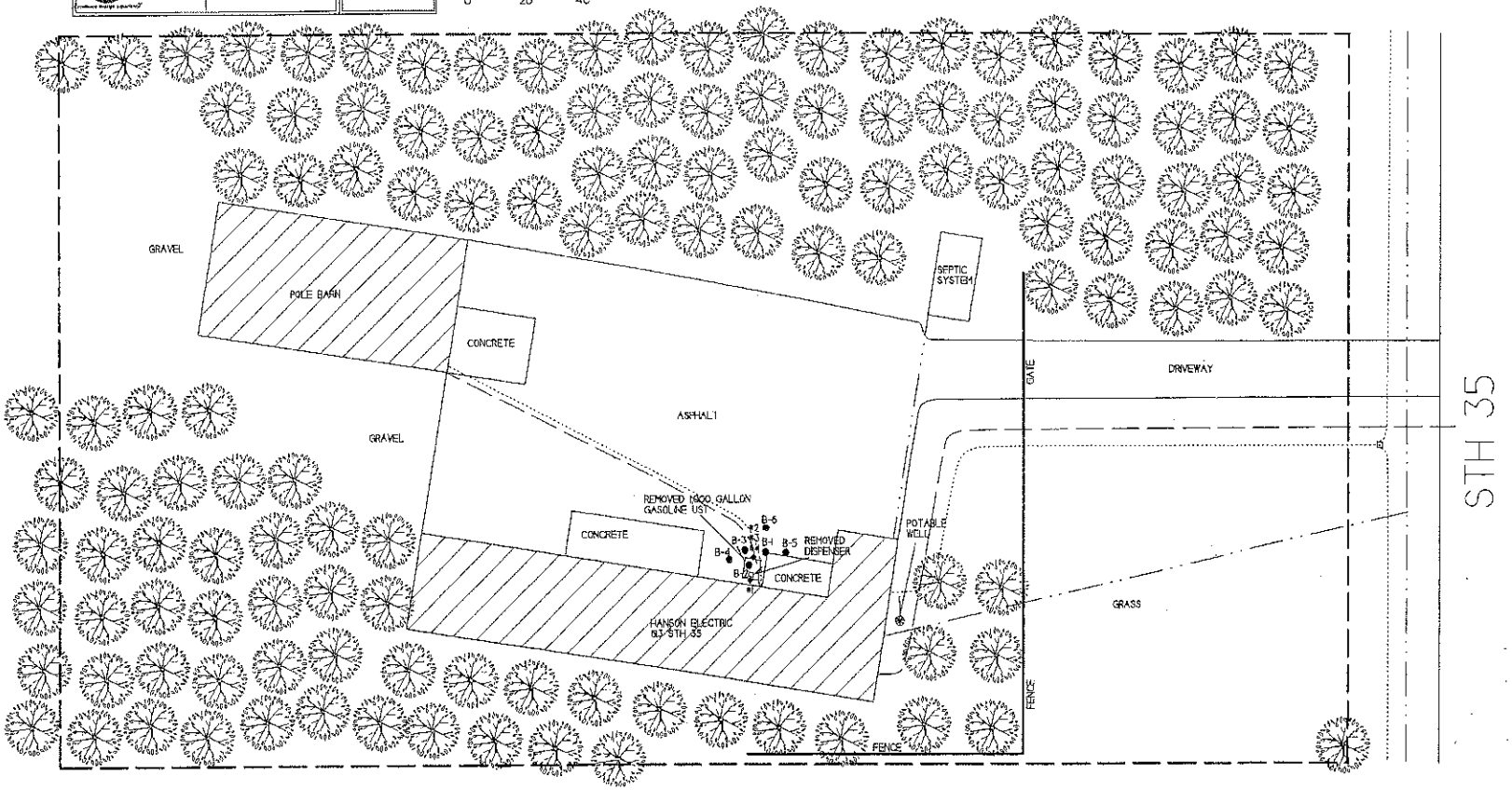
— — — - UNDERGROUND ELECTRIC LINE

— · · — - SEWER LINE

— · · — - GAS LINE

····· - PHONE LINE

SCALE:
1 INCH = 40 FEET
0 20 40



SOIL CONTAMINATION MAP CLOSE-UP

HANSON ELECTRIC

OSCEOLA, WISCONSIN

METCO
709 Gillette Street, Suite 3
La Crosse, WI 54603
Tel: (608) 781-8879
Fax: (608) 781-8893

DRAWN BY: ED DATE: 08/10/201
MODIFIED BY: MH DATE: 09/07/201

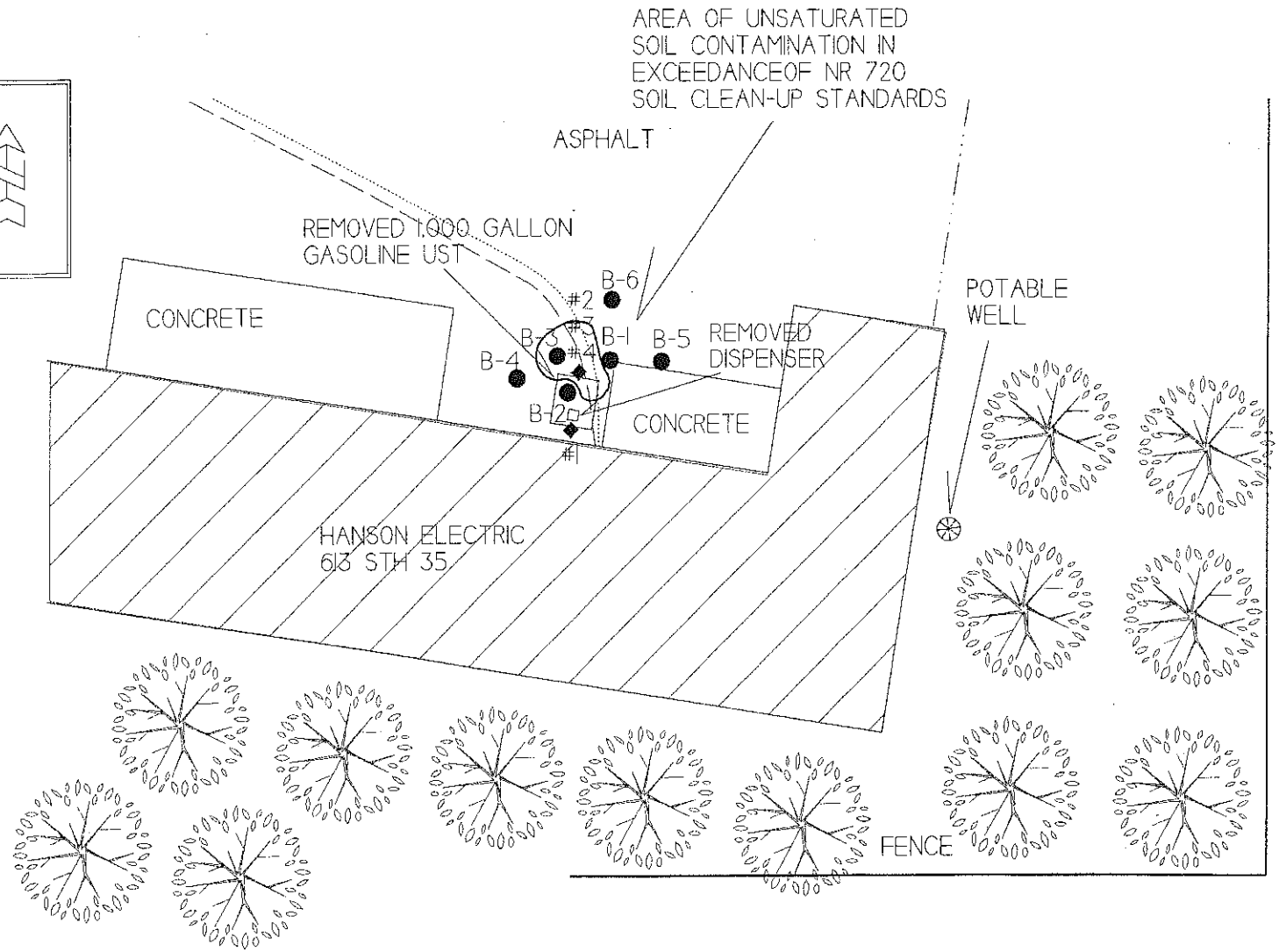
NOTE: INFORMATION BASED ON AVAILABLE DATA. ACTUAL CONDITIONS MAY DIFFER

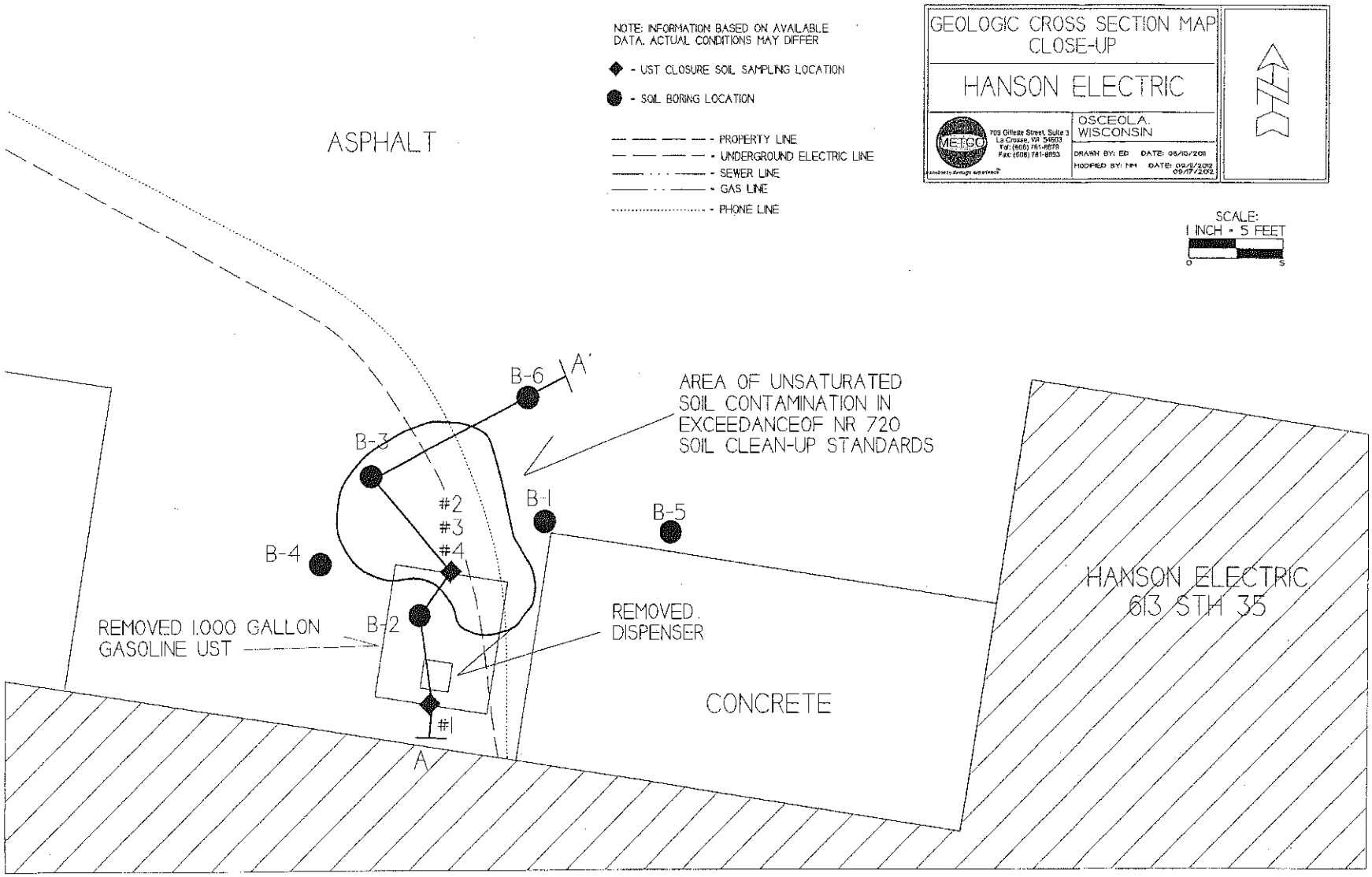
◆ - UST CLOSURE SOIL SAMPLING LOCATION

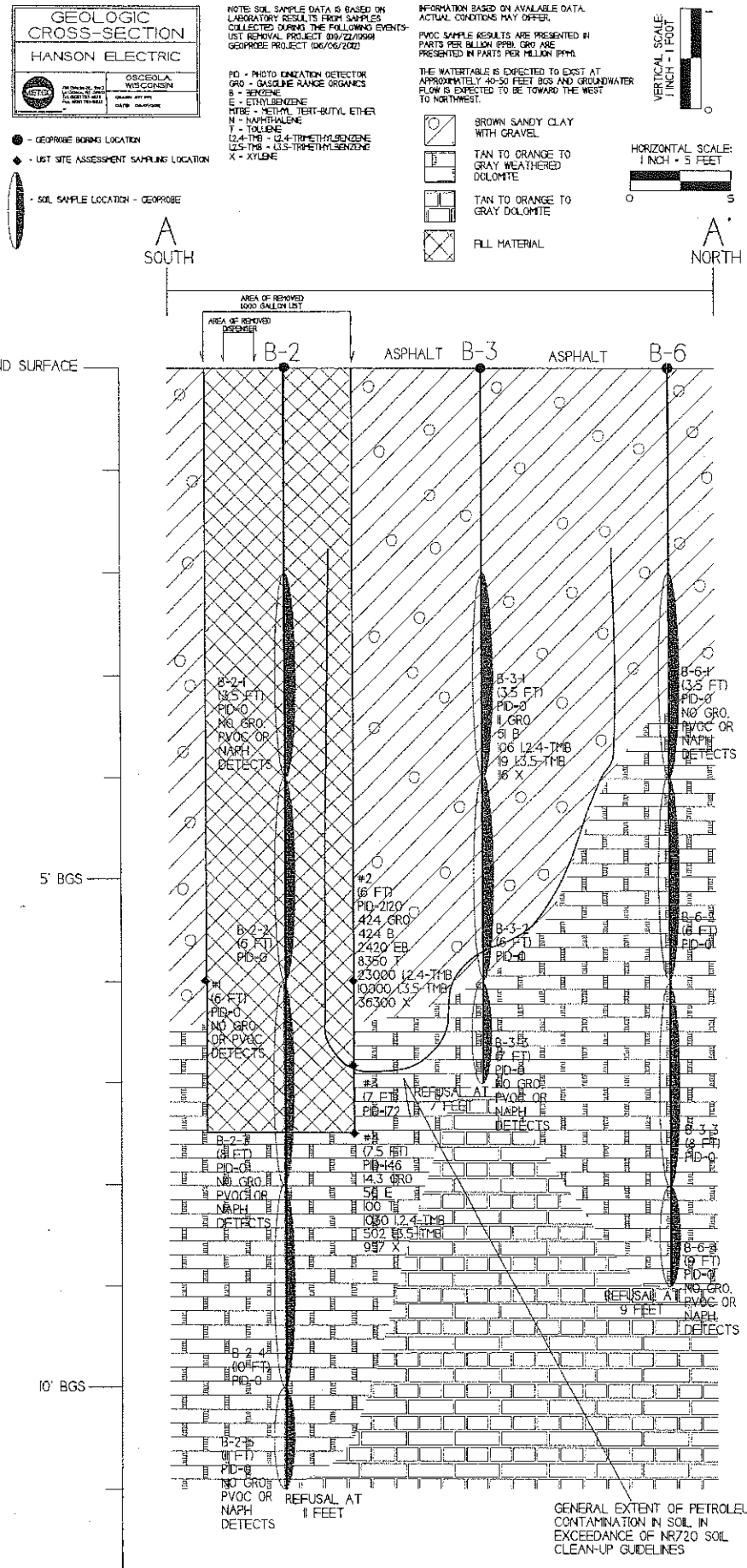
● - SOIL BORING LOCATION

- PROPERTY LINE
- UNDERGROUND ELECTRIC LINE
- SEWER LINE
- GAS LINE
- PHONE LINE

SCALE:
1 INCH = 15 FEET
0 15




NOTE: INFORMATION BASED ON AVAILABLE DATA. ACTUAL CONDITIONS MAY DIFFER
- UST CLOSURE SOIL SAMPLING LOCATION
- SOIL BORING LOCATION
- PROPERTY LINE
- UNDERGROUND ELECTRIC LINE
- SEWER LINE
- GAS LINE
- PHONE LINE
GEOLOGIC CROSS SECTION MAP CLOSE-UP
HANSON ELECTRIC
OSCEOLA, WISCONSIN
SCALE: 1 INCH = 5 FEET
ASPHALT
B-6
A'
B-3
B-1
B-5
B-4
#2
#3
#4
B-2
#1
A
AREA OF UNSATURATED SOIL CONTAMINATION IN EXCEEDANCEOF NR 720 SOIL CLEAN-UP STANDARDS
REMOVED 1,000 GALLON GASOLINE UST
REMOVED DISPENSER
CONCRETE
HANSON ELECTRIC
613 STH 35


GEOLOGIC CROSS-SECTION
HANSON ELECTRIC
OSCEOLA WISCONSIN
NOTE: SOIL SAMPLE DATA IS BASED ON LABORATORY RESULTS FROM SAMPLES COLLECTED DURING THE FOLLOWING EVENTS- UST REMOVAL PROJECT (09/22/1999) GEOPROBE PROJECT (06/06/2002)
PID - PHOTO IONIZATION DETECTOR
GRO - GASOLINE RANGE ORGANICS
B - BENZENE
E - ETHYLBENZENE
MTBE - METHYL TERT-BUTYL ETHER
N - NAPHTHALENE
T - TOLUENE
1,2,4-TMB - 1,2,4-TRIMETHYLBENZENE
1,3,5-TMB - 1,3,5-TRIMETHYLBENZENE
X - XYLENE
INFORMATION BASED ON AVAILABLE DATA. ACTUAL CONDITIONS MAY DIFFER.
PVOC SAMPLE RESULTS ARE PRESENTED IN PARTS PER BILLION (PPB). GRO ARE PRESENTED IN PARTS PER MILLION (PPM).
THE WATERTABLE IS EXPECTED TO EXIST AT APPROXIMATELY 40-50 FEET BGS AND GROUNDWATER FLOW IS EXPECTED TO BE TOWARD THE WEST TO NORTHWEST.
VERTICAL SCALE: 1 INCH = 1 FOOT
HORIZONTAL SCALE: 1 INCH = 5 FEET
- GEOPROBE BORING LOCATION
- UST SITE ASSESSMENT SAMPLING LOCATION
- SOIL SAMPLE LOCATION - GEOPROBE
BROWN SANDY CLAY WITH GRAVEL
TAN TO ORANGE TO GRAY WEATHERED DOLOMITE
TAN TO ORANGE TO GRAY DOLOMITE
FILL MATERIAL
A SOUTH
A' NORTH
AREA OF REMOVED 1000 GALLON UST
AREA OF REMOVED DISPENSER
B-2
ASPHALT
B-3
ASPHALT
B-6
GROUND SURFACE
5' BGS
10' BGS
B-2-1 (3.5 FT) PID-0 NO GRO, PVOC OR NAPH DETECTS
B-2-2 (6 FT) PID-0 NO GRO, PVOC OR NAPH DETECTS
B-2-3 (8 FT) PID-0 NO GRO, PVOC OR NAPH DETECTS
B-2-4 (10 FT) PID-0
B-2-5 (11 FT) PID-0 NO GRO, PVOC OR NAPH DETECTS
REFUSAL AT 11 FEET
#1 (6 FT) PID-0 NO GRO, OR PVOC DETECTS
#2 (6 FT) PID-2120 424 GRO 424 B 2420 EB 8350 T 33000 1,2,4-TMB 10300 1,3,5-TMB 36300 X
#3 (7 FT) PID-172
REFUSAL AT 7 FEET
#4 (7.5 FT) PID-146 14.3 GRO 58 E 100 T 1030 1,2,4-TMB 502 1,3,5-TMB 957 X
B-3-1 (3.5 FT) PID-0 11 GRO 51 B 196 1,2,4-TMB 19 1,3,5-TMB 16 X
B-3-2 (6 FT) PID-0
B-3-3 (7 FT) PID-0 NO GRO, PVOC OR NAPH DETECTS
B-3-4 (8 FT) PID-0
B-6-1 (3.5 FT) PID-0 NO GRO, PVOC OR NAPH DETECTS
B-6-2 (6 FT) PID-0
B-6-3 (9 FT) PID-0 NO GRO, PVOC OR NAPH DETECTS
REFUSAL AT 9 FEET
GENERAL EXTENT OF PETROLEUM CONTAMINATION IN SOIL IN EXCEEDANCE OF NR720 SOIL CLEAN-UP GUIDELINES

Soil Analytical Results Summary
Hanson Electric BRRTS# 03-49-234619

Sample ID	Depth (feet)	Date	PID	GRO (ppm)	Benzene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naph-thalene (ppb)	Toluene (ppb)	1,2,4-Trime-thylbenzene (ppb)	1,3,5-Trime-thylbenzene (ppb)	Xylene (Total) (ppb)
B-1-1	3.5	06/06/12	15	<10	<8.9	<55	<12	<107	<50	<80	<48	<136
B-1-2	6	06/06/12	0	NOT SAMPLED								
B-1-3	8	06/06/12	0	<10	<25	<25	<25	<25	<25	<25	<25	<75
B-1-4	10	06/06/12	0	NOT SAMPLED								
B-1-5	11	06/06/12	0	<10	<25	<25	<25	<25	<25	<25	<25	<75
B-2-1	3.5	06/06/12	0	<10	<25	<25	<25	<25	<25	<25	<25	<75
B-2-2	6	06/06/12	0	NOT SAMPLED								
B-2-3	8	06/06/12	0	<10	<25	<25	<25	<25	<25	<25	<25	<75
B-2-4	10	06/06/12	0	NOT SAMPLED								
B-2-5	11	06/06/12	0	<10	<25	<25	<25	<25	<25	<25	<25	<75
B-3-1	3.5	06/06/12	0	11	**61**	<25	<25	<25	<25	106	119	116
B-3-2	6	06/06/12	0	NOT SAMPLED								
B-3-3	7	06/06/12	0	<10	<25	<25	<25	<25	<25	<25	<25	<75
B-4-1	3.5	06/06/12	0	<10	<25	<25	<25	<25	<25	<25	<25	<75
B-4-2	6	06/06/12	0	<10	<25	<25	<25	<25	<25	<25	<25	<75
B-5-1	3.5	06/06/12	0	<10	<25	<25	<25	<25	<25	<25	<25	<75
B-5-2	6	06/06/12	0	NOT SAMPLED								
B-5-3	6-8	06/06/12	NO RECOVERY									
B-5-4	8.5	06/06/12	0	<10	<25	<25	<25	<25	<25	<25	<25	<75
B-6-1	3.5	06/06/12	0	<10	<25	<25	<25	<25	<25	<25	<25	<75
B-6-2	6	06/06/12	0	NOT SAMPLED								
B-6-3	8	06/06/12	0	NOT SAMPLED								
B-6-4	9	06/06/12	0	<10	<25	<25	<25	<25	<25	<25	<25	<75
#1	6	09/22/99	0	<6.1	<31	<31	<31	NS	<31	<31	<31	<92
#2	6	09/22/99	2120	**424**	**1210**	**2420**	<600	NS	**8350**	23000	10000	**36300**
#3	7	09/22/99	172	NOT SAMPLED								
#4	7.5	09/22/99	146	14.3	<29	50	<29	NS	100	1030	502	957
NR720				100	5.5	2900	---	---	1500	---	---	4100
NR746 Table 1				---	8500	4600	---	2700	38000	83000	11000	42000
NR746 Table 2				---	1100	---	---	---	---	---	---	---

Bold = NR720 Exceedance
Bold/Underline = NR746 Exceedance
NS = Not Sampled

STATE OF WISCONSIN
Department of Safety and Professional Services

P.O. Box 8044
Madison, Wisconsin 53708-8044

Email: dsps@wisconsin.gov
Web: http://dsps.wi.gov

Governor Scott Walker Secretary Dave Ross

June 27, 2013

Arlan Hanson
PO Box 98
Osceola, WI 54020

RE: **Final Closure**

PECFA # 54020-4045-13-A DNR BRRTS # 03-49-234619
Hanson Electric, 613 State Rd 35, Osceola

Dear Mr. Hanson:

The Wisconsin Department of Safety and Professional Services (DSPS) has reviewed the request for case closure prepared by your consultant, Metco, for the site referenced above. DSPS has determined that this site does not pose a significant threat to human health or the environment. No further investigation or remedial action is necessary.

This case is now listed as "closed" on the DSPS database and will be included on the Department of Natural Resources (DNR) Geographic Information System (GIS) Registry of Closed Remediation Sites to address residual contamination. To review sites on the GIS Registry web page, visit http://dnr.wi.gov/topic/Brownfields/rrsm.html. If you intend to construct or reconstruct a potable well on this property, you must get prior DNR approval.

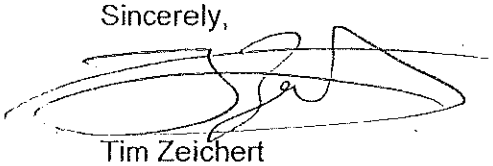
All current and future owners and occupants of the property need to be aware that excavation of contaminated soil may pose a hazard. Special precautions may be needed to prevent inhalation, ingestion or dermal contact with the residual contamination when it is removed. If soil is excavated, the property owner at the time of excavation must have the soil sampled and analyzed to determine if residual contamination remains. If sampling confirms that contamination is present, the property owner at the time of excavation must determine whether the material would be considered solid or hazardous waste and ensure that any storage, treatment or disposal is in compliance with applicable statutes and rules.

Costs for sampling and excavation activities conducted after case closure are not eligible for PECFA reimbursement. However, if it is determined that any undisturbed remaining petroleum contamination poses a threat, the case may be reopened and further investigation or remediation may be required. If this case is reopened, any original claim under the PECFA fund would also reopen and you may apply for assistance to the extent of remaining eligibility.

Timely filing of your final PECFA claim (if applicable) is encouraged. If your PECFA claim is not received within 120 days of the date of this letter, interest costs incurred after 60 days of the date of this letter will not be eligible for PECFA reimbursement.

Thank you for your efforts to protect Wisconsin's environment. If you have any questions, please contact me in writing at the letterhead address or by telephone at (608) 266-5788.

Sincerely,



Tim Zeichert
Hydrogeologist
PECFA Site Review Section

cc: Jason, Powell, Metco
Kerry Koller, Central Bank, PO Box 188, Osceola, WI 54020

State of Wisconsin
DEPARTMENT OF NATURAL RESOURCES
Antigo Service Center
223 E. Steinfest Road
Antigo WI 54409

Scott Walker, Governor
Cathy Stepp, Secretary
Telephone 608-266-2621
Toll Free 1-888-936-7463
TTY Access via relay - 711

April 29, 2013

Hanson Electric
Attn: Arlan Hanson
513 Seminole Ave #240
Osceola, WI 54020

Subject: **Hanson Electric, 613 STH 35, Osceola, WI**
BRRTS # **03-49-234619**
PECFA # **54020-4045-13**

Dear Mr. Hanson:

The State of Wisconsin divides the jurisdiction for sites contaminated by petroleum storage tank systems between the Department of Natural Resources (DNR) and the Department of Safety and Professional Services (DSPS). This is based on statutory definitions of high, medium and low risk sites. Under this statute, oversight of sites falling under the definition of "low or medium risk" are the responsibility of DSPS rather than our agency.

The DNR - Remediation and Redevelopment Program, has recently reviewed correspondence regarding the above-referenced case. We have determined that your site should be classified as "low or medium risk." As such, further reviews of submittals and all technical assistance will need to be provided by staff at the DSPS. The case files for this site, therefore, are being transferred to:

Tim Zeichert
WI Department of Safety and Professional Services
1400 E Washington Ave
PO Box 8044
Madison, WI 53708-8044
(608) 266-5788 Timothy.Zeichert@wisconsin.gov

Please address all future inquiries to the DSPS. If you have questions or concerns, you can contact me at (715) 623-4190 ext, 3127.

Sincerely,
NORTHERN REGION

Kathleen Shafel
Remediation and Redevelopment Program

cc: County File

Richard, Philip E - DNR

From: Richard, Philip E - DNR
Sent: Thursday, April 25, 2013 3:40 PM
To: Shafel, Kathleen S - DNR
Subject: Hanson Electric, 03-49-234619

Kathleen,

The Hanson Electric site is classified as low risk and should be transferred to Tim Zeichert with DSPS. I will send the file over to you.

Let me know if you need anything else.

Thanks,

Phil

Philip E. Richard
Hydrogeologist
Remediation and Redevelopment Program
Wisconsin Department of Natural Resources
phone: 715 762 1352
fax: 715 762 4348
e-mail: philip.richard@wisconsin.gov

Letter of Transmittal

COPY

Submitted to:

Philip Richard

Wisconsin Dept. of Natural Resources
875 S. Fourth Ave.
Park FallsWI54552 1130

RECEIVED
APR 23 2013
PECFA BUREAU

Date:
4/18/2013

Job:
Hanson Electric

◉Attached

◉Under Separate Cover

Contents:
Site Investigation Report and Closure/GIS Packet.
BRRTS#: 03-49-234619
PECFA#: 54020-4045-13

Remarks:
Attached are the Site Investigation Report, DSPS Closure Form, and GIS Registry Packet. Please note that the $200 Soil GIS Fee has not been attached. METCO requested the fee back in September 2012 and has followed up with the RP repeatedly and he states that he does not have the $200. Thus, we are going to stop follow up with him and just wanted to at least submit the report/closure request so you have for your records but we understand it will not be reviewed until the GIS Fee has been paid.

If you have any questions please call or email.

Signed: Jason Powell

cc: Arland Hanson - Client
Tim Zeichert - DSPS

METCO
709 Gillette St., Ste 3
La Crosse, WI 54603-2382
(608)781-8879 fax (608)781-8893

State of Wisconsin
Department of Natural Resources
http://dnr.wi.gov

PLEASE ASSEMBLE IN THIS ORDER

GIS Registry Checklist

Form 4400-245 (R 8/11)

This Adobe Fillable form is intended to provide a list of information that is required for evaluation for case closure. It is to be used in conjunction with Form 4400-202, Case Closure Request. The closure of a case means that the Department has determined that no further response is required at that time based on the information that has been submitted to the Department.

NOTICE: Completion of this form is mandatory for applications for case closure pursuant to ch. 292, Wis. Stats. and ch. NR 726, Wis. Adm. Code, including cases closed under ch. NR 746 and ch. NR 726. The Department will not consider, or act upon your application, unless all applicable sections are completed on this form and the closure fee and any other applicable fees, required under ch. NR 749, Wis. Adm. Code, Table 1 are included. It is not the Department's intention to use any personally identifiable information from this form for any purpose other than reviewing closure requests and determining the need for additional response action. The Department may provide this information to requesters as required by Wisconsin's Open Records law [ss. 19.31 - 19.39, Wis. Stats.].

BRRTS #: 03-49-234619 *(No Dashes)* PARCEL ID #: 022-01111-0000

ACTIVITY NAME: Hanson Electric WTM COORDINATES: X: 308402 Y: 539675

CLOSURE DOCUMENTS (the Department adds these items to the final GIS packet for posting on the Registry)

- [x] **Closure Letter**
- [ ] **Maintenance Plan** *(if activity is closed with a land use limitation or condition (land use control) under s. 292.12, Wis. Stats.)*
- [ ] **Continuing Obligation Cover Letter** (for property owners affected by residual contamination and/or continuing obligations)
- [ ] **Conditional Closure Letter**
- [ ] **Certificate of Completion (COC)** (for VPLE sites)

SOURCE LEGAL DOCUMENTS

- [x] **Deed:** The most recent deed as well as legal descriptions, for the **Source Property** (where the contamination originated). Deeds for other, off-source (off-site) properties are located in the **Notification** section.
  Note: *If a property has been purchased with a land contract and the purchaser has not yet received a deed, a copy of the land contract which includes the legal description shall be submitted instead of the most recent deed. If the property has been inherited, written documentation of the property transfer should be submitted along with the most recent deed.*
- [x] **Certified Survey Map:** A copy of the certified survey map or the relevant section of the recorded plat map *for those properties where the legal description in the most recent deed refers to a certified survey map or a recorded plat map.* (lots on subdivided or platted property (e.g. lot 2 of xyz subdivision)).

  Figure #: 376026 Title: Polk County Certified Survey Map No. 360
- [x] **Signed Statement:** A statement signed by the Responsible Party (RP), which states that he or she believes that the attached legal description accurately describes the correct contaminated property.

MAPS (meeting the visual aid requirements of s. NR 716.15(2)(h))

Maps must be no larger than 11 x 17 inches unless the map is submitted electronically.

- [x] **Location Map:** A map outlining all properties within the contaminated site boundaries on a U.S.G.S. topographic map or plat map in sufficient detail to permit easy location of all parcels. If groundwater standards are exceeded, include the location of all potable wells within 1200 feet of the site.
  Note: *Due to security reasons municipal wells are not identified on GIS Packet maps. However, the locations of these municipal wells must be identified on Case Closure Request maps.*

  Figure #: Title: Site Location Map
- [x] **Detailed Site Map:** A map that shows all relevant features (buildings, roads, individual property boundaries, contaminant sources, utility lines, monitoring wells and potable wells) within the contaminated area. This map is to show the location of all contaminated public streets, and highway and railroad rights-of-way in relation to the source property and in relation to the boundaries of groundwater contamination exceeding a ch. NR 140 Enforcement Standard (ES), and/or in relation to the boundaries of soil contamination exceeding a Residual Contaminant Level (RCL) or a Site Specific Residual Contaminant Levels (SSRCL) as determined under s. NR 720.09, 720.11 and 720.19.

  Figure #: Title: Site Layout Map
- [x] **Soil Contamination Contour Map:** For sites closing with residual soil contamination, this map is to show the location of all contaminated soil and a single contour showing the horizontal extent of each area of contiguous residual soil contamination that exceeds a Residual Contaminant Level (RCL) or a Site Specific Residual Contaminant Level (SSRCL)as determined under s. NR 720.09, 720.11 and 720.19.

  Figure #: Title: Soil Contamination Map - Close up

BRRTS #: 03-49-234619 ACTIVITY NAME: Hanson Electric

MAPS (continued)

☒ **Geologic Cross-Section Map:** A map showing the source location and vertical extent of residual soil contamination exceeding a Residual Contaminant Level (RCL) or a Site Specific Residual Contaminant Level (SSRCL). If groundwater contamination exceeds a ch. NR 140 Enforcement Standard (ES) when closure is requested, show the source location and vertical extent, water table and piezometric elevations, and locations and elevations of geologic units, bedrock and confining units, if any.

Figure #: **Title: Geologic Cross Section Map - Close up**

Figure #: **Title: Geologic Cross Section**

☐ **Groundwater Isoconcentration Map:** For sites closing with residual groundwater contamination, this map shows the horizontal extent of all groundwater contamination exceeding a ch. NR140 Preventive Action Limit (PAL) and an Enforcement Standard (ES). Indicate the direction and date of groundwater flow, based on the most recent sampling data.
Note: *This is intended to show the total area of contaminated groundwater.*

Figure #: **Title:**

☐ **Groundwater Flow Direction Map:** A map that represents groundwater movement at the site. If the flow direction varies by more then 20° over the history of the site, submit 2 groundwater flow maps showing the maximum variation in flow direction.

Figure #: **Title:**

Figure #: **Title:**

TABLES (meeting the requirements of s. NR 716.15(2)(h)(3))

Tables must be no larger than 11 x 17 inches unless the table is submitted electronically. Tables must not contain shading and/or cross-hatching. The use of **BOLD** or *ITALICS* is acceptable.

☒ **Soil Analytical Table:** A table showing remaining soil contamination with analytical results and collection dates.
Note: This is one table of results for the contaminants of concern. Contaminants of concern are those that were found during the site investigation, that remain after remediation. It may be necessary to create a new table to meet this requirement.

Table #: **Title: Soil Analytical Results Summary**

☐ **Groundwater Analytical Table:** Table(s) that show the most recent analytical results and collection dates, for all monitoring wells and any potable wells for which samples have been collected.

Table #: **Title:**

☐ **Water Level Elevations:** Table(s) that show the previous four (at minimum) water level elevation measurements/dates from all monitoring wells. If present, free product is to be noted on the table.

Table #: **Title:**

IMPROPERLY ABANDONED MONITORING WELLS

For each monitoring well not properly abandoned according to requirements of s. NR 141.25 include the following documents.
Note: *If the site is being listed on the GIS Registry for only an improperly abandoned monitoring well you will only need to submit the documents in this section for the GIS Registry Packet.*

☒ **Not Applicable**

☐ **Site Location Map:** A map showing all surveyed monitoring wells with specific identification of the monitoring wells which have not been properly abandoned.
Note: *If the applicable monitoring wells are distinctly identified on the Detailed Site Map this Site Location Map is not needed.*

Figure #: **Title:**

☐ **Well Construction Report:** Form 4440-113A for the applicable monitoring wells.

☐ **Deed:** The most recent deed as well as legal descriptions for each property where a monitoring well was not properly abandoned.

☐ **Notification Letter:** Copy of the notification letter to the affected property owner(s).

BRRTS #: 03-49-234619 ACTIVITY NAME: Hanson Electric

NOTIFICATIONS

Source Property

☒ **Not Applicable**

☐ **Letter To Current Source Property Owner:** If the source property is owned by someone other than the person who is applying for case closure, include a copy of the letter notifying the current owner of the source property that case closure has been requested.

☐ **Return Receipt/Signature Confirmation:** Written proof of date on which confirmation was received for notifying current source property owner.

Off-Source Property

Group the following information per individual property and label each group according to alphabetic listing on the "Impacted Off-Source Property" attachment.

☒ **Not Applicable**

☐ **Letter To "Off-Source" Property Owners:** Copies of all letters sent by the Responsible Party (RP) to owners of properties with groundwater exceeding an Enforcement Standard (ES), and to owners of properties that will be affected by a land use control under s. 292.12, Wis. Stats.
Note: *Letters sent to off-source properties regarding residual contamination must contain standard provisions in Appendix A of ch. NR 726.*

Number of "Off-Source" Letters:

☐ **Return Receipt/Signature Confirmation:** Written proof of date on which confirmation was received for notifying any off-source property owner.

☐ **Deed of "Off-Source" Property:** The most recent deed(s) as well as legal descriptions, for all affected deeded **off-source property(ies).** This does not apply to right-of-ways.
Note: *If a property has been purchased with a land contract and the purchaser has not yet received a deed, a copy of the land contract which includes the legal description shall be submitted instead of the most recent deed. If the property has been inherited, written documentation of the property transfer should be submitted along with the most recent deed.*

☐ **Certified Survey Map:** A copy of the certified survey map or the relevant section of the recorded plat map *for those properties where the legal description in the most recent deed refers to a certified survey map or a recorded plat map.* (lots on subdivided or platted property (e.g. lot 2 of xyz subdivision)).

Figure #: **Title:**

☐ **Letter To "Governmental Unit/Right-Of-Way" Owners:** Copies of all letters sent by the Responsible Party (RP) to a city, village, municipality, state agency or any other entity responsible for maintenance of a public street, highway, or railroad right-of-way, within or partially within the contaminated area, for contamination exceeding a groundwater Enforcement Standard (ES) and/or soil exceeding a Residual Contaminant Level (RCL) or a Site Specific Residual Contaminant Level (SSRCL).

Number of "Governmental Unit/Right-Of-Way Owner" Letters:

STATE OF WISCONSIN
Department of Safety and Professional Services

P.O. Box 8044
Madison, Wisconsin 53708-8044

Email: dsps@wisconsin.gov
Web: http://dsps.wi.gov

Governor Scott Walker Secretary Dave Ross

June 27, 2013

Arlan Hanson
PO Box 98
Osceola, WI 54020

RE: **Final Closure**

PECFA # 54020-4045-13-A DNR BRRTS # 03-49-234619
Hanson Electric, 613 State Rd 35, Osceola

Dear Mr. Hanson:

The Wisconsin Department of Safety and Professional Services (DSPS) has reviewed the request for case closure prepared by your consultant, Metco, for the site referenced above. DSPS has determined that this site does not pose a significant threat to human health or the environment. No further investigation or remedial action is necessary.

This case is now listed as "closed" on the DSPS database and will be included on the Department of Natural Resources (DNR) Geographic Information System (GIS) Registry of Closed Remediation Sites to address residual contamination. To review sites on the GIS Registry web page, visit http://dnr.wi.gov/topic/Brownfields/rrsm.html. If you intend to construct or reconstruct a potable well on this property, you must get prior DNR approval.

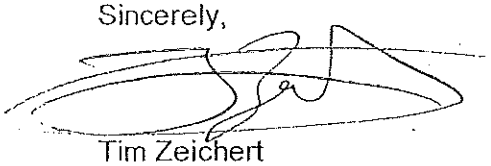
All current and future owners and occupants of the property need to be aware that excavation of contaminated soil may pose a hazard. Special precautions may be needed to prevent inhalation, ingestion or dermal contact with the residual contamination when it is removed. If soil is excavated, the property owner at the time of excavation must have the soil sampled and analyzed to determine if residual contamination remains. If sampling confirms that contamination is present, the property owner at the time of excavation must determine whether the material would be considered solid or hazardous waste and ensure that any storage, treatment or disposal is in compliance with applicable statutes and rules.

Costs for sampling and excavation activities conducted after case closure are not eligible for PECFA reimbursement. However, if it is determined that any undisturbed remaining petroleum contamination poses a threat, the case may be reopened and further investigation or remediation may be required. If this case is reopened, any original claim under the PECFA fund would also reopen and you may apply for assistance to the extent of remaining eligibility.

Timely filing of your final PECFA claim (if applicable) is encouraged. If your PECFA claim is not received within 120 days of the date of this letter, interest costs incurred after 60 days of the date of this letter will not be eligible for PECFA reimbursement.

Thank you for your efforts to protect Wisconsin's environment. If you have any questions, please contact me in writing at the letterhead address or by telephone at (608) 266-5788.

Sincerely,



Tim Zeichert
Hydrogeologist
PECFA Site Review Section

cc: Jason, Powell, Metco
Kerry Koller, Central Bank, PO Box 188, Osceola, WI 54020

NOTICE OF LIS PENDENS

POLK COUNTY, WISCONSIN
Received for record this
7th day of May
AD 2012 at 10:00 AM
Document Number: 795726

Laurie Anderson

Laurie Anderson
Register of Deeds

Name and Return Address

Jodie Leigh Grabarski
Murnane Brandt
30 East Seventh Street, Suite 3200
St. Paul, MN 55101

022-01111-0000
Parcel Identification Number (PIN)

STATE OF WISCONSIN CIRCUIT COURT POLK COUNTY

Central Bank, 2270 Frontage Road West Stillwater, MN 55082 Plaintiff, vs. Arlan G. Hanson 513 Seminole Avenue Osceola, WI 54020-5002 Aziza Hanson 513 Seminole Avenue Osceola, WI 54020-5002	Case No. 12-CV-184 Case Code: 30404 Foreclosure of Mortgage **AMENDED** **NOTICE OF LIS PENDENS**

(4)

A. A. Hanson Electric, Inc. 613 State Road Osceola, WI 54020-5002 Viking Electric Supply, Inc. 380 Jackson Street, #700 St. Paul, MN 55101 J. H. Larson Electrical Company 901 O'Keefe Road Box 566 Hudson, WI 54016 State of Wisconsin Department of Workforce Development 201 East Washington Avenue Madison, WI 53703 Department of Safety and Professional Services State of Wisconsin 1400 East Washington Avenue Room 112 Madison, WI 53703 Operating Engineer's Local 49 Health and Welfare Fund 800 Nicollet Mall #2600 Minneapolis, MN 55402 and Department of the Treasury Internal Revenue Service U.S. Attorney General Eric Holder 950 Pennsylvania Avenue NW Washington, D.C. 20530 Defendants.	

NOTICE IS HEREBY GIVEN that the above-entitled action has been commenced and is pending in the above-named Court upon the Complaint of the above-named Plaintiff and the Amended Complaint therein is now on file in the office of

the Administrator of the Circuit Court above named. The names of the parties to said action are as stated above. This Lis Pendens gives notice of an action to foreclose:

- Real Estate Mortgage in the original principal amount of One Hundred Twenty Four Thousand Three Hundred Sixty and 82/100 Dollars ($124,360.82) executed on May 12, 2000 and recorded May 17, 2000 in the Register of Deeds Office in Polk County, Wisconsin, in Volume 816 of Records, page 177 as Document No. 598169 ("Hanson Mortgage").

The real property affected, involved and brought in question by said action is that real property situated in Polk County, Wisconsin, legally described as follows:

That part of Lot 1 of Certified Survey Map No. 0360 recorded in Volume 2 of Certified Survey Maps on page 89 as Document No. 376026 in the Polk County Register of Deeds office as described as follows: Commencing at the Southeast corner of Section 34, Township 33 North, Range 19 West; thence North 87°10'17" West on the South boundary of said Section 34, 1313.09 feet; thence North 01°57'00" East 680.03 feet; thence North 87°11'31" West 198.00 feet; thence North 01°57'00" East 124.03 feet to the point of beginning; thence North 01°57'00" East 127 feet; thence South 87°11'31" East 198.00 feet; thence North 01°57'00" East 133.84 feet; thence North 87°12'44" West 515.00 feet; thence South 01°20'42" West 260.84 feet; thence in an Easterly direction to the point of beginning; being located in the North One-half of the Southwest Quarter of the Southeast Quarter (N½ of the SW¼ of the SE¼) of Section 34, Township 33 North, Range 19 West, Town of Farmington, Polk County, Wisconsin.

Dated this 4 day of May, 2012

MURNANE BRANDT

Jodie Leigh Grabarski #1020887
Kelly S. Hadac #1059989
Attorneys for Plaintiff
30 East Seventh Street
Suite 3200
St. Paul, MN 55101
Phone: 651- 227-9411
Fax: 651-223-5199

795726

STATE OF MINNESOTA)
) ss
COUNTY OF RAMSEY)

The foregoing instrument was acknowledged before me this 4th day of May, 2012, by Jodie Leigh Grabarski, Attorney for Plaintiff.

Sandra L. Meier
Notary Public

SANDRA L. MEIER
Notary Public-Minnesota
My Commission Expires Jan 31, 2015

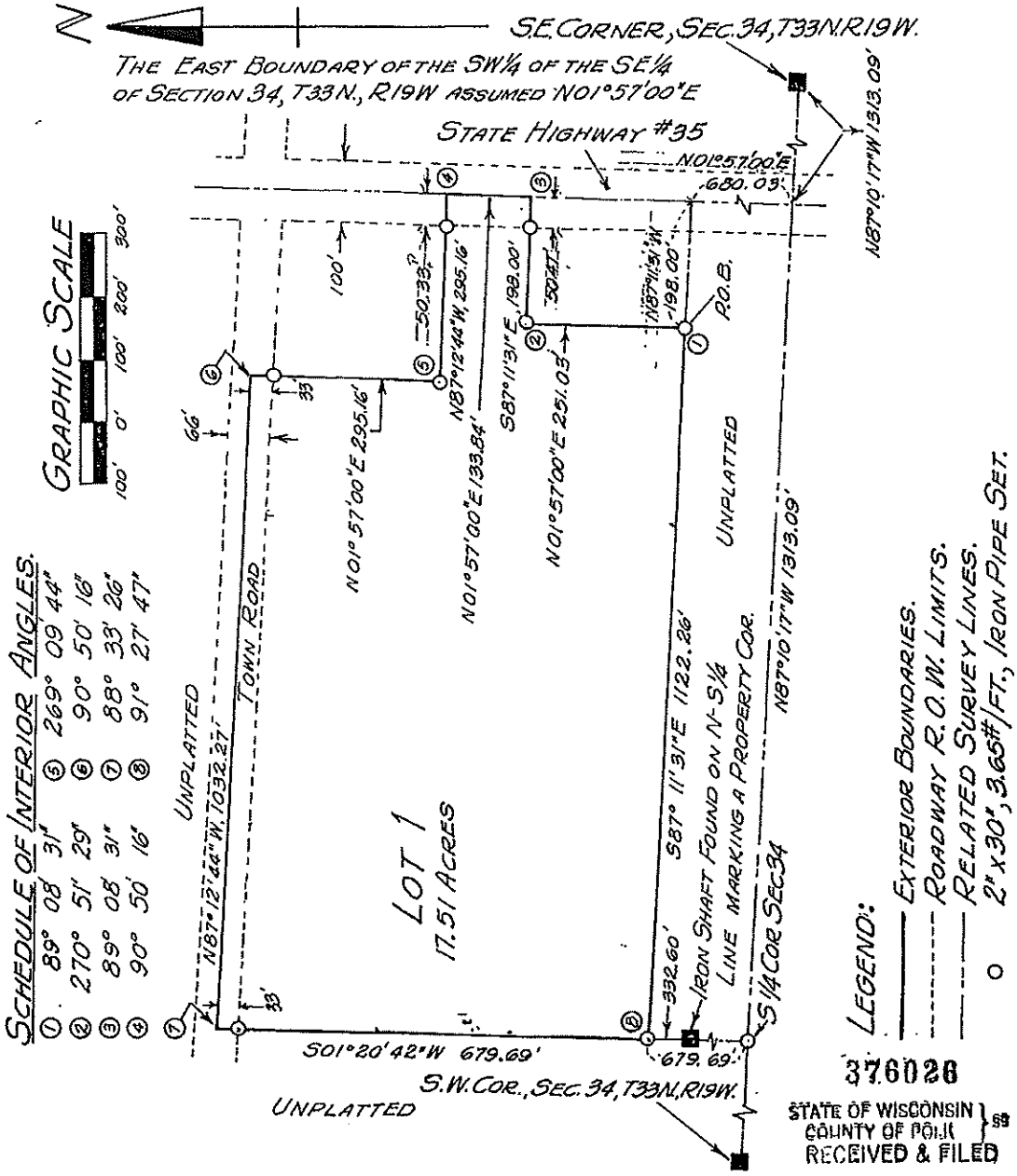
THIS INSTRUMENT WAS DRAFTED BY
MURNANE BRANDT
30 East Seventh Street, Suite 3200
St. Paul, MN 55101
Telephone 651-227-9411

1427194

376026

POLK COUNTY CERTIFIED SURVEY MAP NO. 360

A PART OF THE N½ OF THE SW¼ OF THE SE¼ OF SECTION 34, TOWNSHIP 33 NORTH, RANGE 19 WEST, TOWN OF FARMINGTON, COUNTY OF POLK, STATE OF WISCONSIN



SCHEDULE OF INTERIOR ANGLES.

①	89° 08' 31"	⑤	269° 09' 44"
②	270° 51' 29"	⑥	90° 50' 16"
③	89° 08' 31"	⑦	88° 33' 26"
④	90° 50' 16"	⑧	91° 27' 47"

LEGEND:
- EXTERIOR BOUNDARIES.
- ROADWAY R.O.W. LIMITS.
- RELATED SURVEY LINES.
- 2"x30", 3.65#/FT., IRON PIPE SET.
- O

376026

STATE OF WISCONSIN } SS
COUNTY OF POLK }
RECEIVED & FILED
APR 27 1977
AT 9:00 O'CLOCK AM
VOL 2 CSM PAGE 89
REGISTER OF DEEDS
by Harold Maier
Norma Hansen, Deputy

NORTH COUNTRY ENGINEERING, INC.
DANBURY, WISCONSIN, 54830

Vol. 2 CSM page 89 SHEET 1 OF 2

WDNR BRRTS Case #: 03-49-234619

WDNR Site Name: Hanson Electric

Geographic Information System (GIS) Registry of Closed Remediation Sites

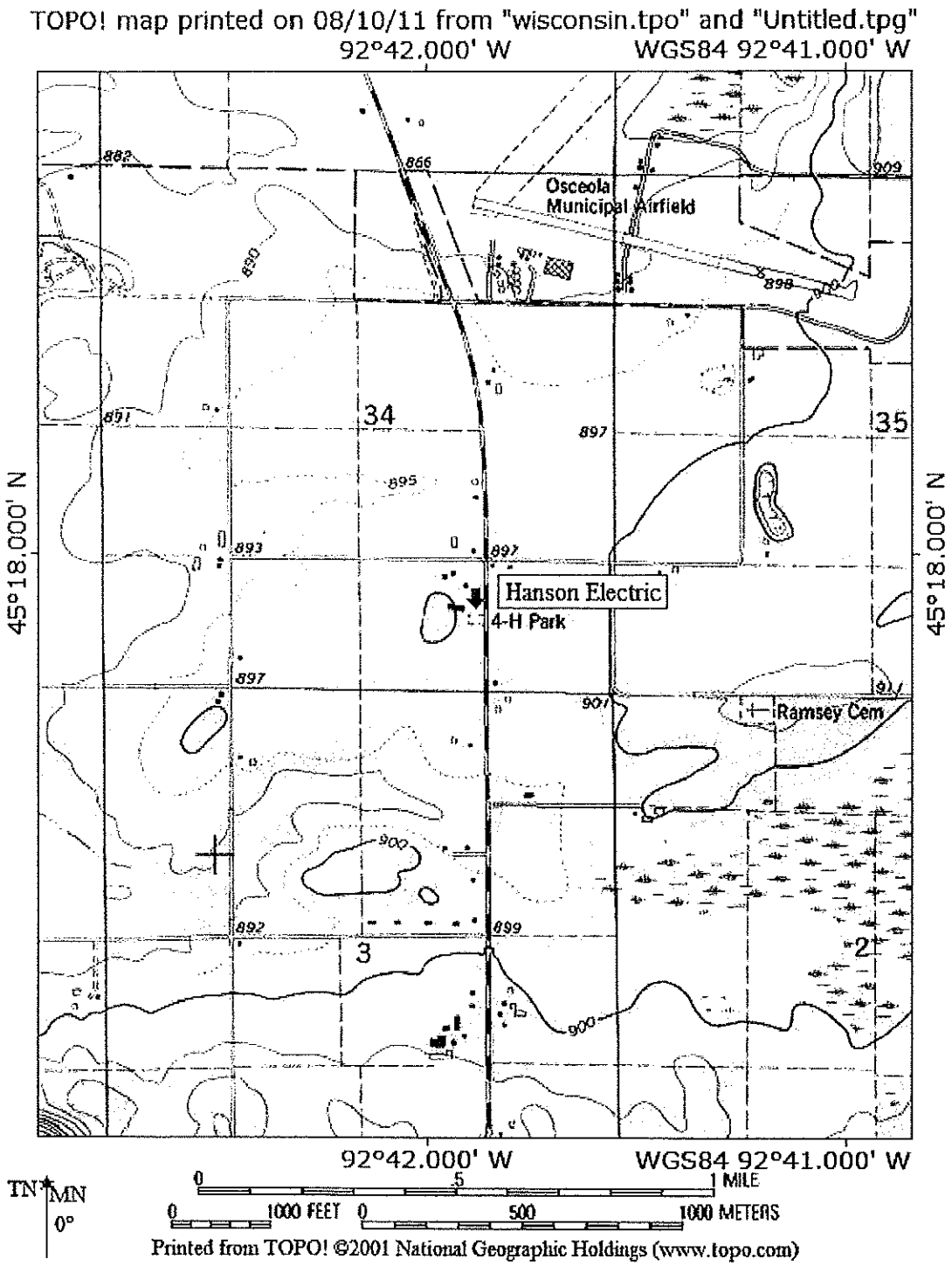
In compliance with the revisions to the NR 700 rule series requiring certain closed sites to be listed on the Geographic Information System (GIS) Registry of Closed Remediation Sites (Registry) effective Nov., 2001, I have provided the following information.

To the best of my knowledge the legal descriptions provided and attached to this statement are complete and accurate.

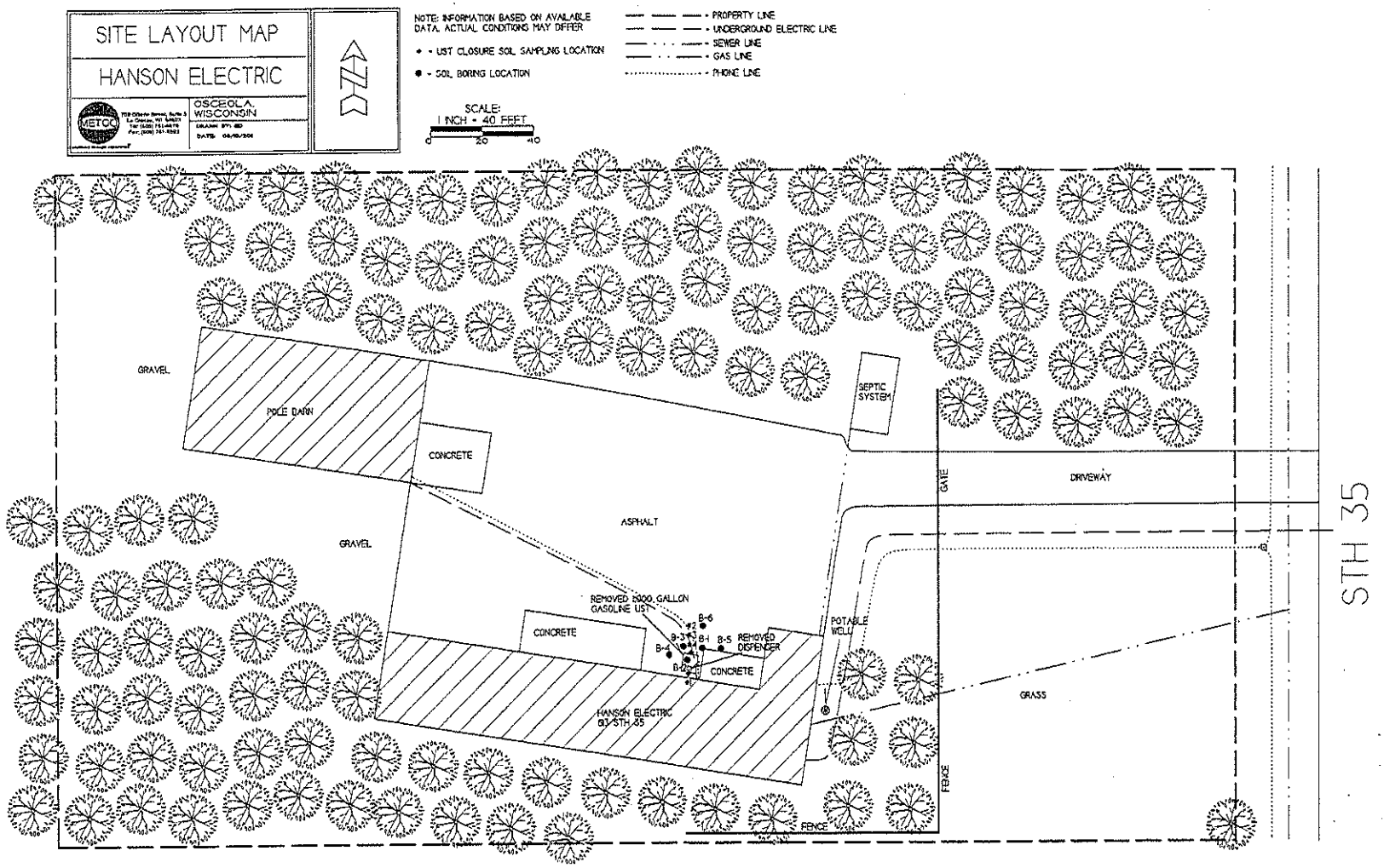
Responsible Party:

ARLAN G HANSON
(print name/title)

(signature) 11-20-2012 (date)



SITE LOCATION MAP – CONTOUR INTERVAL 10 FEET
HANSON ELECTRIC – OSCEOLA, WI
SEAMLESS USGS TOPOGRAPHIC MAPS ON CD-ROM


SITE LAYOUT MAP
HANSON ELECTRIC
METCO
OSCEOLA,
WISCONSIN
NOTE: INFORMATION BASED ON AVAILABLE DATA. ACTUAL CONDITIONS MAY DIFFER
• - UST CLOSURE SOIL SAMPLING LOCATION
● - SOIL BORING LOCATION
PROPERTY LINE
UNDERGROUND ELECTRIC LINE
SEWER LINE
GAS LINE
PHONE LINE
SCALE:
1 INCH = 40 FEET
0
20
40
GRAVEL
POLE BARN
CONCRETE
SEPTIC SYSTEM
GATE
DRIVEWAY
ASPHALT
GRAVEL
REMOVED 5000 GALLON GASOLINE UST
B-6
B-3
B-1
B-5
REMOVED DISPENSER
B-4
B-2
CONCRETE
CONCRETE
POTABLE WELL
GRASS
HANSON ELECTRIC
611 STH 35
FENCE
FENCE
STH 35

SOIL CONTAMINATION MAP
CLOSE-UP

HANSON ELECTRIC

METCO
709 Gillette Street, Suite 3
La Crosse, WI 54603
Tel: (608) 781-8870
Fax: (608) 781-8893

OSCEOLA,
WISCONSIN

DRAWN BY: ED DATE: 08/10/201
MODIFIED BY: MH DATE: 09/17/201

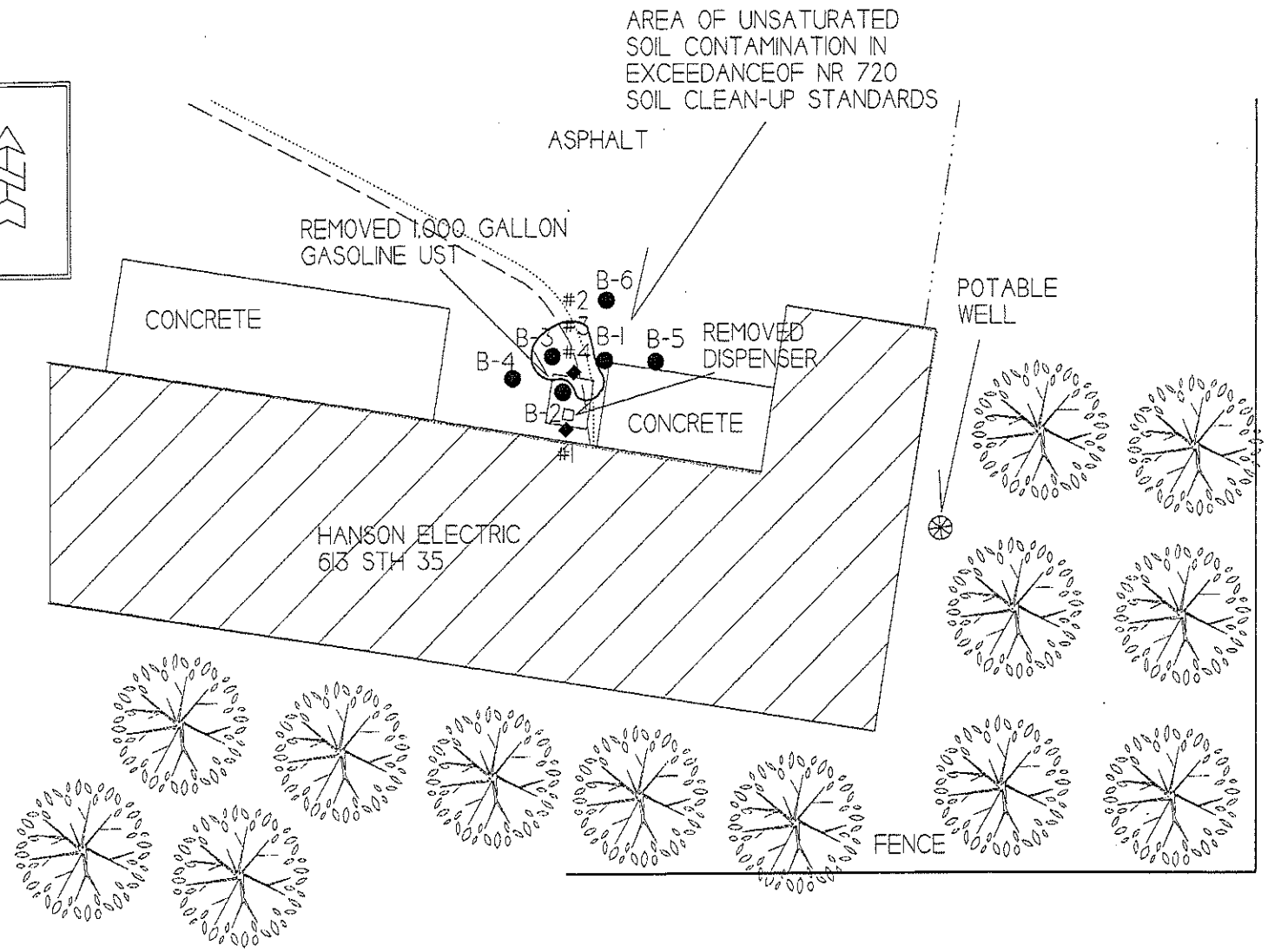
NOTE: INFORMATION BASED ON AVAILABLE DATA. ACTUAL CONDITIONS MAY DIFFER

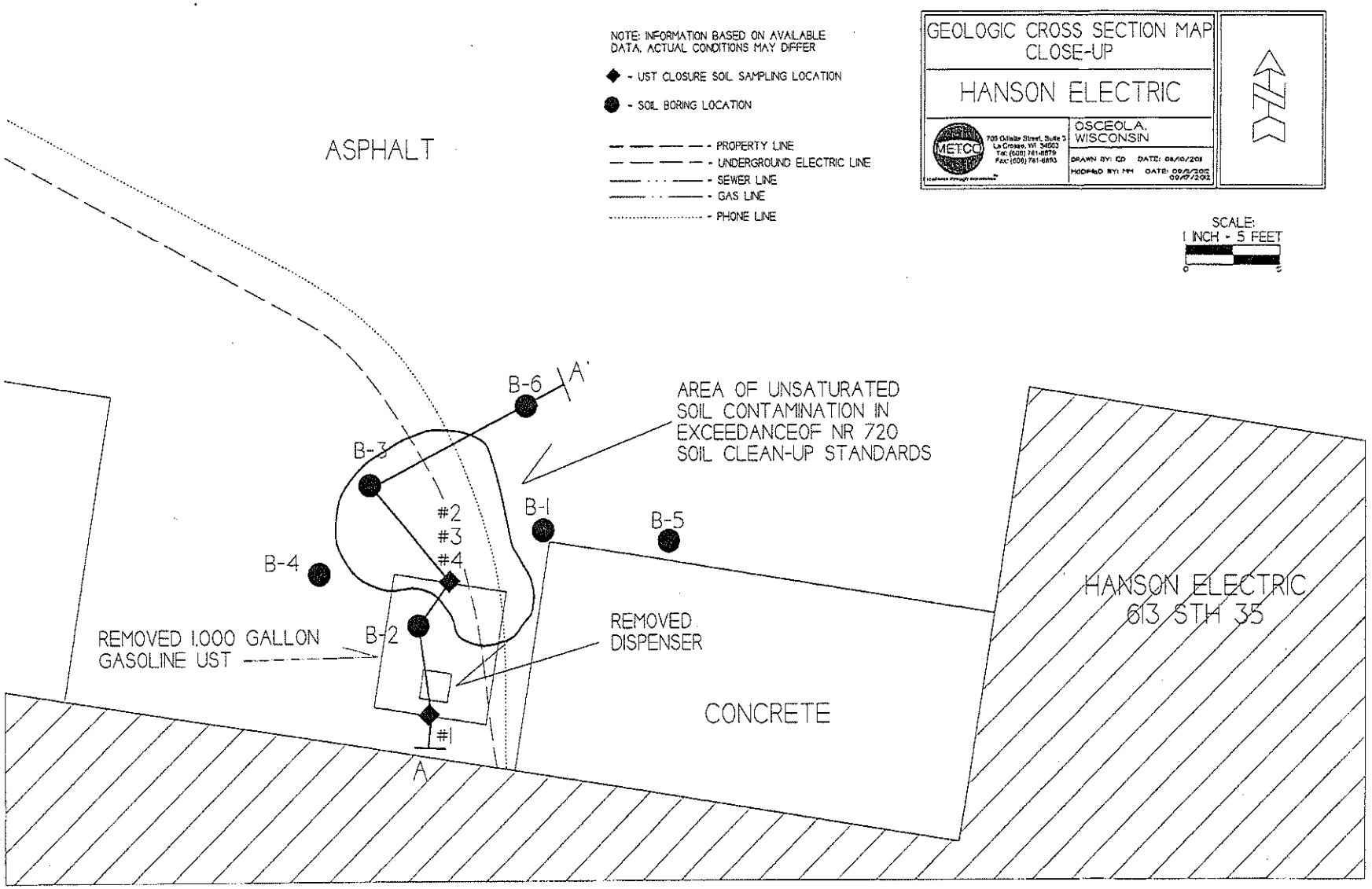
◆ - UST CLOSURE SOIL SAMPLING LOCATION

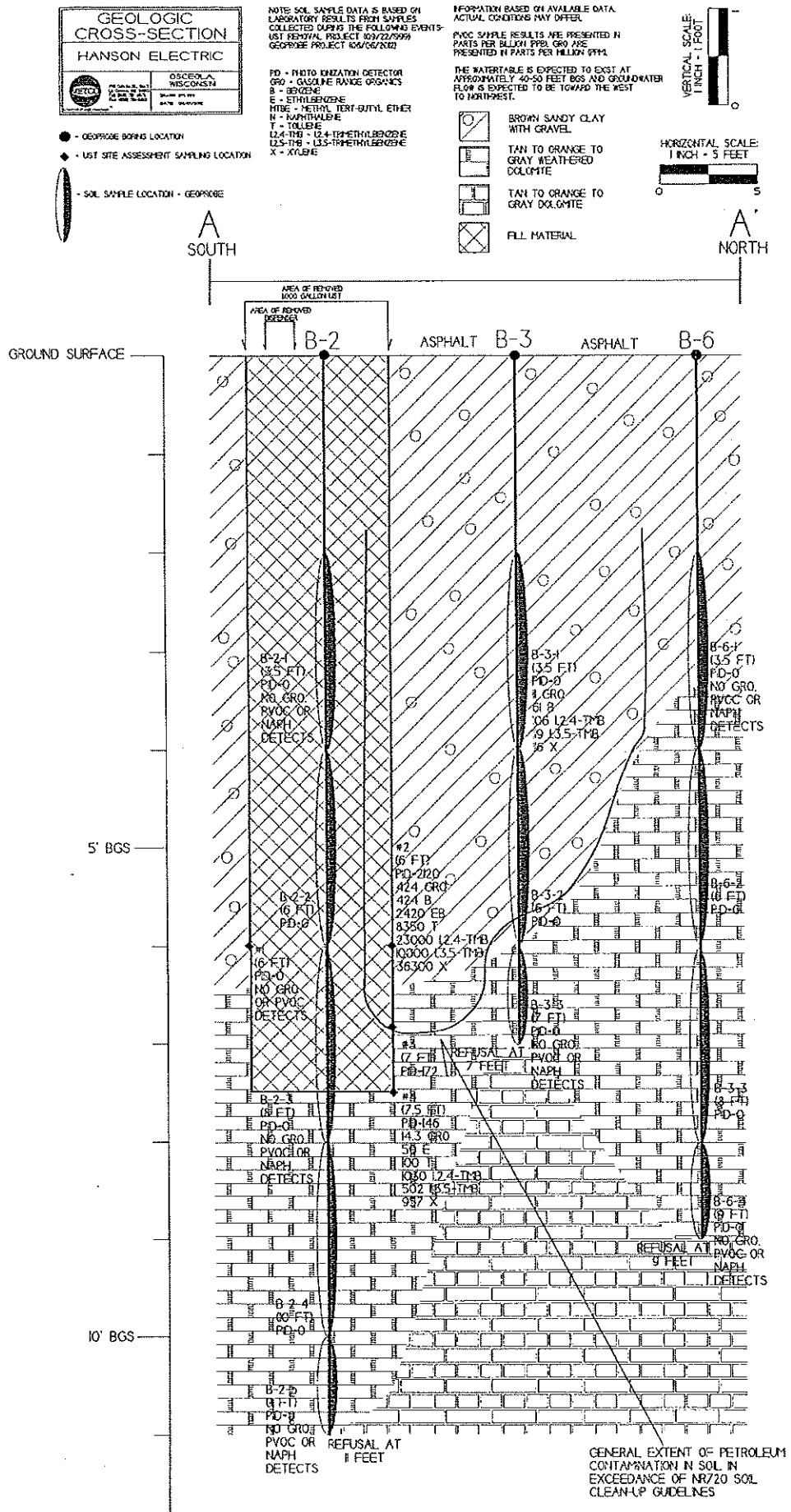
● - SOIL BORING LOCATION

— — — — - PROPERTY LINE
— — — — - UNDERGROUND ELECTRIC LINE
——— · · ——— - SEWER LINE
——— · · ——— - GAS LINE
..... - PHONE LINE

SCALE:
1 INCH = 15 FEET
0 15




NOTE: INFORMATION BASED ON AVAILABLE DATA. ACTUAL CONDITIONS MAY DIFFER
- UST CLOSURE SOIL SAMPLING LOCATION
- SOIL BORING LOCATION
- PROPERTY LINE
- UNDERGROUND ELECTRIC LINE
- SEWER LINE
- GAS LINE
- PHONE LINE
GEOLOGIC CROSS SECTION MAP CLOSE-UP
HANSON ELECTRIC
METCO
705 Oakside Street, Suite 3
La Crosse, WI 54603
Tel: (608) 781-8879
Fax: (608) 781-8893
OSCEOLA, WISCONSIN
DRAWN BY: CD DATE: 08/10/201
MODIFIED BY: MM DATE: 09/5/201 09/07/201
SCALE:
1 INCH = 5 FEET
0
5
ASPHALT
B-6
A'
B-3
AREA OF UNSATURATED SOIL CONTAMINATION IN EXCEEDANCEOF NR 720 SOIL CLEAN-UP STANDARDS
#2
#3
#4
B-1
B-5
B-4
HANSON ELECTRIC
613 STH 35
REMOVED 1,000 GALLON GASOLINE UST
B-2
REMOVED DISPENSER
CONCRETE
#1
A


GEOLOGIC CROSS-SECTION
HANSON ELECTRIC
OSCEOLA, WISCONSIN
NOTE: SOIL SAMPLE DATA IS BASED ON LABORATORY RESULTS FROM SAMPLES COLLECTED DURING THE FOLLOWING EVENTS: UST REMOVAL PROJECT 10/9/22/1999 GEOPROBE PROJECT 10/5/06/2001
PID - PHOTO IONIZATION DETECTOR
GRO - GASOLINE RANGE ORGANICS
B - BENZENE
E - ETHYLBENZENE
MTBE - METHYL TERT-BUTYL ETHER
N - NAPHTHALENE
T - TOLUENE
1,2,4-TMB - 1,2,4-TRIMETHYLBENZENE
1,3,5-TMB - 1,3,5-TRIMETHYLBENZENE
X - XYLENE
INFORMATION BASED ON AVAILABLE DATA. ACTUAL CONDITIONS MAY DIFFER.
PVOC SAMPLE RESULTS ARE PRESENTED IN PARTS PER BILLION (PPB). GRO ARE PRESENTED IN PARTS PER MILLION (PPM).
THE WATERTABLE IS EXPECTED TO EXIST AT APPROXIMATELY 40-50 FEET BGS AND GROUNDWATER FLOW IS EXPECTED TO BE TOWARD THE WEST TO NORTHWEST.
VERTICAL SCALE: 1 INCH = 1 FOOT
0
- GEOPROBE BORING LOCATION
- UST SITE ASSESSMENT SAMPLING LOCATION
- SOIL SAMPLE LOCATION - GEOPROBE
BROWN SANDY CLAY WITH GRAVEL
TAN TO ORANGE TO GRAY WEATHERED DOLOMITE
TAN TO ORANGE TO GRAY DOLOMITE
FILL MATERIAL
HORIZONTAL SCALE: 1 INCH = 5 FEET
0
5
A
SOUTH
A'
NORTH
AREA OF REMOVED 1000 GALLON UST
AREA OF REMOVED DISPENSER
B-2
ASPHALT
B-3
ASPHALT
B-6
GROUND SURFACE
5' BGS
10' BGS
B-2-1 (3.5 FT) PID-0 NO GRO, PVOC OR NAPH DETECTS
B-2-2 (6 FT) PID-0
#1 (6 FT) PID-0 NO GRO OR PVOC DETECTS
B-2-3 (8 FT) PID-0 NO GRO, PVOC OR NAPH DETECTS
B-2-4 (10 FT) PID-0
B-2-5 (11 FT) PID-0 NO GRO, PVOC OR NAPH DETECTS
#2 (6 FT) PID-2120 424 GRO 424 B 2420 E 8350 T 23000 1,2,4-TMB 10000 1,3,5-TMB 36300 X
#3 (7 FT) PID-172
#4 (7.5 FT) PID-146 14.3 GRO 58 E 100 T 1080 1,2,4-TMB 502 1,3,5-TMB 957 X
REFUSAL AT 11 FEET
B-3-1 (3.5 FT) PID-0 1 GRO .61 B .06 1,2,4-TMB .9 1,3,5-TMB .16 X
B-3-2 (6 FT) PID-0
B-3-3 (7 FT) PID-0 NO GRO, PVOC OR NAPH DETECTS
REFUSAL AT 7 FEET
B-6-1 (3.5 FT) PID-0 NO GRO, PVOC OR NAPH DETECTS
B-6-2 (6 FT) PID-0
B-6-3 (9 FT) PID-0 NO GRO, PVOC OR NAPH DETECTS
REFUSAL AT 9 FEET
GENERAL EXTENT OF PETROLEUM CONTAMINATION IN SOIL IN EXCEEDANCE OF NR720 SOIL CLEAN-UP GUIDELINES

Soil Analytical Results Summary
Hanson Electric BRRTS# 03-49-234619

Sample ID	Depth (feet)	Date	PID	GRO (ppm)	Benzene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naph-thalene (ppb)	Toluene (ppb)	1,2,4-Trime-thylbenzene (ppb)	1,3,5-Trime-thylbenzene (ppb)	Xylene (Total) (ppb)
B-1-1	3.5	06/06/12	15	<10	<8.9	<55	<12	<107	<50	<80	<48	<136
B-1-2	6	06/06/12	0	NOT SAMPLED								
B-1-3	8	06/06/12	0	<10	<25	<25	<25	<25	<25	<25	<25	<75
B-1-4	10	06/06/12	0	NOT SAMPLED								
B-1-5	11	06/06/12	0	<10	<25	<25	<25	<25	<25	<25	<25	<75
B-2-1	3.5	06/06/12	0	<10	<25	<25	<25	<25	<25	<25	<25	<75
B-2-2	6	06/06/12	0	NOT SAMPLED								
B-2-3	8	06/06/12	0	<10	<25	<25	<25	<25	<25	<25	<25	<75
B-2-4	10	06/06/12	0	NOT SAMPLED								
B-2-5	11	06/06/12	0	<10	<25	<25	<25	<25	<25	<25	<25	<75
B-3-1	3.5	06/06/12	0	11	**61**	<25	<25	<25	<25	106	119	116
B-3-2	6	06/06/12	0	NOT SAMPLED								
B-3-3	7	06/06/12	0	<10	<25	<25	<25	<25	<25	<25	<25	<75
B-4-1	3.5	06/06/12	0	<10	<25	<25	<25	<25	<25	<25	<25	<75
B-4-2	6	06/06/12	0	<10	<25	<25	<25	<25	<25	<25	<25	<75
B-5-1	3.5	06/06/12	0	<10	<25	<25	<25	<25	<25	<25	<25	<75
B-5-2	6	06/06/12	0	NOT SAMPLED								
B-5-3	6-8	06/06/12	NO RECOVERY									
B-5-4	8.5	06/06/12	0	<10	<25	<25	<25	<25	<25	<25	<25	<75
B-6-1	3.5	06/06/12	0	<10	<25	<25	<25	<25	<25	<25	<25	<75
B-6-2	6	06/06/12	0	NOT SAMPLED								
B-6-3	8	06/06/12	0	NOT SAMPLED								
B-6-4	9	06/06/12	0	<10	<25	<25	<25	<25	<25	<25	<25	<75
#1	6	09/22/99	0	<6.1	<31	<31	<31	NS	<31	<31	<31	<92
#2	6	09/22/99	2120	**424**	**1210**	**2420**	<600	NS	**8350**	23000	10000	**36300**
#3	7	09/22/99	172	NOT SAMPLED								
#4	7.5	09/22/99	146	14.3	<29	50	<29	NS	100	1030	502	957
NR720				100	5.5	2900	---	---	1500	---	---	4100
NR746 Table 1				---	8500	4600	---	2700	38000	83000	11000	42000
NR746 Table 2				---	1100	---	---	---	---	---	---	---

Bold = NR720 Exceedance
Bold/Underline = NR746 Exceedance
NS = Not Sampled

Rec 4/22/13
put on BRRTS
4/23/13
(37)
(300)

Site Investigation Report

Hanson Electric
613 State Highway 35
Osceola, Wisconsin

October 15, 2012
by METCO
WDNR File Reference #: 03-49-234619
PECFA Claim #: 54020-4045-13

METCO

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This document was prepared by:

Jason T. Powell
Staff Scientist

Ronald J. Anderson, P.G.
Senior Hydrogeologist/Project Manager

Wisconsin Department of Safety and Professional Services
Environmental and Regulatory Services Division

Bureau of PECFA
Site Review Section

CASE SUMMARY AND CLOSE OUT

Personal information you provide may be used for secondary purposes [Privacy Law, s. 15.04(1)(M)]

A. PECFA Number: 54020-4045-13-A

DNR BRRTS Number: 03-49-234619

Date Received (office use only)

B. Site Information (property deed required for sites with residual contamination)

Name: Hanson Electric
Address: 613 State Highway 35
City: Osceola

C. Responsible Party (RP) information

Contact Name: Arland Hanson
Business Name (if applicable):
Mailing Adress: P.O. Box 98
City, State, Zip Code: Osceola, WI 54020
Telephone: 715-294-3119 Ext: 105

Proposed Public Notification and Fee Payment Confirmation

(Check all that apply)

___None
_X_DNR Soil GIS Registry
Registry fee sent to DNR? Yes _X_
___DNR GW Registry
Registry fee sent to DNR? Yes ___
___DNR GW GIS Registry – improperly abandonded monitoring well(s)
Registry fee sent to DNR? Yes ___
(Only one GW Registry fee per site.)

D. Property Owner Information (if different from RP)

Contact Name:
Business Name (if applicable):
Mailing Adress:
City, State, Zip Code:
Telephone:

E. Consulting Firm Information

Contact Name: Ron Anderson
Firm Name: METCO
Mailing Address: 709 Gillette St., Ste. 3
City, State, Zip Code: La Crosse, WI 54603-2382
Telephone: 608-781-8879
Electronic Mail Address: rona@metcohq.com

I certify by my signature that I am the environmental consultant on this site, that I have reviewed all the environmental information relating to the remediation at this site, that the information contained in this form and following correspondence is true and accurate, and that it is my professional opinion that this site meets all regulatory requirements for closure. (Must be signed by a professional listed below that is currently licensed by the Department of Regulation and Licensing)

Consultant Signature: Ronald S. Anderson Date: 10/15/12

Check One:

___ Professional Engineer License# ___
_X_ Professional Geologist License# 1076
___ Hydrologist License# ___
___ Soil Scientist License# ___

F. Other Interested Party(s) (attach additional sheets if necessary)

Name:
Mailing Address:
City, State, Zip Code:
Telephone:
Reason for interest:

METCO

Excellence through experience™

709 Gillette St., Ste 3 ♦ La Crosse, WI 54603 ♦ 1-800-552-2932 ♦ Fax (608) 781-8893 Email: rona@metcohq.com ♦www.metcohq.com

October 15, 2012

WDNR BRRTS#: 03-49-234619
PECFA Claim #: 54020-4045-13

Phil Richard
Wisconsin Department of Natural Resources
875 South Fourth Avenue
Park Falls, WI 54552-1130

RE: Hanson Electric File Transfer

Dear Mr. Richard,

Based on the evaluation of the risk criteria, it does not appear that any high risk factors are present at the Hanson Electric site. Therefore, it is the recommendation of METCO that the site be transferred to the administrative authority of the Department of Safety and Professional Services. Per NR746.03 definitions, as currently in effect, it is a "low risk" site. Please send the entire file to Mr. Tim Zeichert, as we are submitting the Site Investigation Report to him.

If you have any questions or comments, please contact me at our La Crosse office (608-781-8879).

Sincerely,

Jason T. Powell
Staff Scientist

C: Tim Zeichert - WDSPS
Arlan Hanson - Client

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October 15, 2012

WDNR BRRTS#: 03-49-234619
PECFA Claim #: 54020-4045-13

Arlan Hanson
P.O. Box 98
Osceola, WI 54020

Dear Mr. Hanson,

Enclosed is our "Site Investigation Report" concerning the Hanson Electric site in Osceola, Wisconsin. This report presents the complete data from all Investigation activities.

Based on the site investigation results, METCO recommends the Hanson Electric site be **"closed"** for the for the following reason: 1) The extent and degree of petroleum contamination in soil has been adequately defined. 2) There is no known direct contact risk associated with the petroleum contaminated soil. 3) Groundwater does not appear to be impacted due to the depth to the water table. 4) Analytical results show no impacts to the on-site potable well. 5) Regarding vapor intrusion, there appears to be at least five feet of clean soils horizontally and vertically from the on-site building.

We appreciate the opportunity to be of service to you on this project. Should you have any questions or require additional information, do not hesitate to contact our La Crosse office.

Sincerely,

Jason T. Powell
Staff Scientist

C: Tim Zeichert – WDSPS

EXECUTIVE SUMMARY

Hanson Electric has owned the subject property since 1978. The property is used as on office and shop for the company. Prior to this, the property was vacant. On September 22, 1999, a 1,000 gallon unleaded gasoline UST was removed for from the subject property. The UST, which was used for fueling fleet vehicles, was installed in approximately 1985.

During the UST removal, four soil samples were collected from beneath the removed UST for field (PID) and /or laboratory (GRO and PVOC) analysis. Petroleum contamination was detected in soil samples #2, #3, and #4, which were collected from beneath the north end of the UST. Soil sample #2 was collected at 6 feet below ground surface (bgs) and showed 424 ppm GRO and several NR720 exceedances for PVOC compounds. Soil sample #3 was collected at 7 feet bgs and was only analyzed with a PID showing 172 ppm. Soil sample #4 was collected at 7.5 feet bgs and showed 15 ppm GRO and several low level detects for PVOC compounds. The petroleum contamination was reported to the WDNR, who then required that a LUST investigation be completed.

The nearest known LUST site is the Custom Fire Apparatus, Inc. sit (BRRTS# 03-49-270641), which exists approximately 3,700 feet to the northeast. This site does not appear to be close enough to be impacting or being impacted by the subject property.

The Tank Closure and Drilling project clearly shows that released petroleum has impacted the local soil. Results of the investigation are as follows:

- Local unconsolidated material generally consists of sandy clay to clayey sand with gravel and cobbles from surface to approximately five feet below ground surface (bgs).

- Weathered dolomite was encountered from approximately five feet bgs to nine feet bgs. Competent dolomite bedrock auger refusal) was encountered at nine feet bgs.

- The area of unsaturated soil contamination, which exceeds the NR720 Soil Cleanup Standards, appears to measure approximately 12 feet long, up to 8 feet wide, and up to 5 feet thick.

- There is no known direct contact risk associated with the petroleum contaminated soils.

- Groundwater is expected to exist approximately 40-50 feet bgs. Based on the limited extent of soil contamination, impacts to groundwater do not appear likely.

Site Investigation Report - METCO
Hanson Electric

According to the data collected during the investigation, it is the conclusion of METCO that under existing conditions and limitations, the extent and degree of petroleum contamination has been adequately defined in soil to warrant a completed investigation as defined by DSPS and WDNR guidelines and regulations.

Based on the site investigation results, METCO recommends the Hanson Electric site be **"closed"** for the for the following reason: 1) The extent and degree of petroleum contamination in soil has been adequately defined. 2) There is no known direct contact risk associated with the petroleum contaminated soil. 3) Groundwater does not appear to be impacted due to the depth to the water table. 4) Analytical results show no impacts to the on-site potable well. 5) Regarding vapor intrusion, there appears to be five feet of clean soils horizontally and vertically from the on-site building.

Site closure will be conditional on listing on the WDNR GIS Registry for residual soil contamination. The necessary deed information and other details of the GIS Registry submittal process are presented in the GIS Registry Package. The $200.00 GIS Registry fee (soil) has been forwarded to Danielle Wincentsen at the WDNR Northern Region Headquarters.

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1.0 INTRODUCTION AND BACKGROUND

A Site Investigation is required by the Wisconsin Department of Natural Resources (WDNR) by authority of Section 292.11 of the Wisconsin Statutes. According to the WDNR, any soil that tests more than 10 ppm Gasoline Range Organics (GRO) or Diesel Range Organics (DRO) requires an investigation. Any soil that tests more than the Chapter NR720 Soil Cleanup Standards or NR746 Table 1 or Table 2 values may require possible remediation. Any groundwater that tests more than the Preventive Action Limits (PAL) or Enforcement Standards (ES) for compounds listed in Chapter NR140 Groundwater Quality Standards requires an investigation and possible remediation. For a further explanation of WDNR rules and regulations, see Appendix E.

This report presents data collected during the Site Investigation. The purpose of this investigation was to:

1) Determine the extent and degree of petroleum contamination in the environment.
2) Determine if any risks exist to the environment or public health.
3) As conditions warrant, bring the site to closure.

1.1 Responsible Party Information

Arlan Hanson
P.O. Box 98
Osceola, WI 54020
(715) 294-3119 Ext. 105

1.2 Consultant Information

Consultant

METCO
Ronald J. Anderson P.G.
Jason T. Powell
709 Gillette St., Ste 3
La Crosse, WI 54603
(608) 781-8879

Subcontractors

Ground Source Inc.
3671 Monroe Road
De Pere, WI 54115
(920) 336-3659

Synergy Environmental Lab
1990 Prospect Court
Appleton, WI 54914
(920) 830-2455

1.3 Site Location

Site address:
613 State Highway 35
Osceola, Wisconsin

Latitude and Longitude:
45° 17' 55" N and 92° 41' 55" W

WTM Coordinates:
308411, 539669

Township/Range:
SW ¼, SE ¼, Section 34, Township 33 North, Range 19 West, Polk County

1.4 Site History

Hanson Electric has owned the subject property since 1978. The property is used as on office and shop for the company. Prior to this, the property was vacant. On September 22, 1999, a 1,000 gallon unleaded gasoline UST was removed for from the subject property. The UST, which was used for fueling fleet vehicles, was installed in approximately 1985.

During the UST removal, four soil samples were collected from beneath the removed UST for field (PID) and /or laboratory (GRO and PVOC) analysis. Petroleum contamination was detected in soil samples #2, #3, and #4, which were collected from beneath the north end of the UST. Soil sample #2 was collected at 6 feet below ground surface (bgs) and showed 424 ppm GRO and several NR720 exceedances for PVOC compounds. Soil sample #3 was collected at 7 feet bgs and was only analyzed with a PID showing 172 ppm. Soil sample #4 was collected at 7.5 feet bgs and showed 15 ppm GRO and several low level detects for PVOC compounds. The petroleum contamination was reported to the WDNR, who then required that a LUST investigation be completed.

The nearest known LUST site is the Custom Fire Apparatus, Inc. sit (BRRTS# 03-49-270641), which exists approximately 3,700 feet to the northeast. This site does not appear to be close enough to be impacting or being impacted by the subject property.

2.0 GEOLOGY AND RECEPTORS

2.1 Regional and Local Geology and Hydrogeology

Topography and Regional Setting

According to the USGS Hydrologic Atlas, Osceola is located in the central portion of the St. Croix River Basin. This area is characterized by a relatively flat glacial outwash plain and numerous kettle lakes.

The elevation of the site is approximately 895 feet above Mean Sea Level (MSL). See Appendix A for site location.

Soil and Bedrock

Soil samples were described by METCO field personnel. Assisting literature included the Hydrologic Atlas, Wisconsin Geologic Logs, and Wisconsin Well Constructor Reports.

Geologic material in the area of investigation generally consists of of the following in downward stratigraphic order:

- From surface to approximately five feet exists brown sandy clay to clayey sand with gravel and cobbles.
- From approximately five feet to nine feet exists tan to orange to gray weathered dolomite.
- Competent dolomite bedrock was encountered at approximately nine feet.

Please note that this is a generalization of the local geology and may not be consistent throughout the entire investigation area.

No other characteristics concerning the local sediments such as structures, voids, layering, lenses or secondary permeability are documented at this time.

Hydrogeology

Based on the local topography, groundwater is expected to exist at approximately 40-50 feet below ground surface. Local groundwater flow direction is unknown but expected to be toward the west to northwest.

We are not currently aware of any existing aquitards or perched water in this area.

2.2 Receptors

Buildings, Basements, Sumps, Utility Corridors

The extent of soil contamination does not appear to extend underneath the on-site building located to the south of the removed UST area and the soil contamination plume exists greater than 8 feet horizontally and vertically from the building.

An underground electrical line and an underground phone line transect the area of residual soil contamination. However, since the utility corridors are likely filled with native soil, they are not likely to be acting as preferential contamination migration pathways.

Municipal and Private Water Supply Wells

The Village of Osceola municipal water supply extends as far south as the Osceola Medical Center, which is located approximately 800 feet to the north of the subject property. The nearest municipal well exists approximately 6,700 feet to the east-northeast of the subject property.

The subject property and surrounding properties are all served by private potable wells. There is one private well located on the subject property. The well for the property exists approximately 50 feet to the southwest of the former UST, and analytical results show no laboratory detects.

The on-site potable well location is shown on the Site Layout Map presented in Section 6.0.

The next nearest potable well (Tara Jackson) exists at least 170 feet to the northwest of the former UST's.

Surface Waters

The nearest surface water is St Croix River, which exists approximately 1 ½ miles to the northwest of the subject property.

3.0 SITE INVESTIGATION RESULTS, RISK CRITERIA

3.1 Methods of Investigation

Workscope

The workscope performed for the LUST Investigation included the following:

1) Collected site background information.
2) On August 16, 2011, METCO prepared a Field Procedures Workplan and Site Safety Plan.
3) On June 6, 2012 METCO completed six soil borings. Twenty-three soil samples were collected for field and/or laboratory analysis. A water sample was also collected from the on-site potable well for laboratory analysis.

Site Access Problems

No significant site access problems were encountered during the site investigation.

Analytical Methods

All samples were collected in a manner as to maintain their quality and to eliminate any possible cross contamination. METCO did not deviate from any WDNR or laboratory recommended procedures for sample collection, preservation, or transportation on this project to our knowledge.

Equipment advanced into the subsurface was cleaned between sampling locations. Cleaning consisted of washing with a biodegradable Alconox solution and rinsing with potable water. Disposable equipment was not cleaned, but immediately disposed of after use.

All samples were constantly kept on ice in a cooler and hand delivered to the laboratory.

3.2 Data Discussion

Soil Sampling Data

On September 22, 1999 during the UST removal project, four soil samples were collected for field analysis. Three of the samples was also submitted for laboratory analysis (GRO and PVOC).

On June 6, 2012, during the drilling project, six soil borings were completed with

twenty-three samples collected for field analysis. Fourteen of the soil samples were also submitted for laboratory analysis (GRO, PVOC, and Naphthalene).

Soil analytical results are summarized in the Soil Analytical Results Summary Tables with exceedances of the NR720 Soil Cleanup Standards noted.

Soil sample locations are presented in the site layout map found in Section 6. All data is presented in the data tables in Section 7. The laboratory reports are presented in Appendix B.

Potable Well Sampling Data

On June 6, 2012, during the Drilling project, one water sample was collected from the on-site potable well and analyzed for VOC's (Method 524.2).

Potable well analytical results are summarized in the Groundwater Analytical Results Summary Table.

The potable well location is presented in the site layout map in Section 6. All data is presented in the data tables in Section 7. The lab reports are presented in Appendix B.

Laboratory Certification

Synergy Environmental Lab
Wisconsin Lab Certification #445037560

3.3 Permeability and Hydraulic Conductivities

Slug tests were not conducted during the investigation to date.

3.4 Vapor Intrusion Assessment

The extent of soil contamination does not appear to extend underneath the on-site building located to the south of the removed UST area and the soil contamination plume exists greater than 5 feet horizontally and vertically from the building.

3.5 Discussion of Results

The Tank Closure and Drilling Project clearly shows that released petroleum products have impacted the local soil.

The area of unsaturated soil contamination, which exceeds the NR720 Soil Cleanup Standards, appears to measure approximately 12 feet long, up to 8

feet wide, and up to 5 feet thick.

There is no known direct contact risk associated with the petroleum contaminated soils.

Potable well results show no laboratory detects for VOC's (Method 524.2).

Groundwater is expected to exist approximately 40-50 feet bgs. Based on the limited extent of soil contamination, impacts to groundwater do not appear likely.

To our knowledge, this investigation has not had any major difficulties, unanticipated results, or questionable results.

The Site Layout Map, Soil Contamination Map, and Geologic Cross section, which visually define the extent of contamination, are presented in Section 6.

3.6 Risk Screening Criteria

In accordance with current Department of Safety and Professional Services regulations, METCO has reviewed NR746.06(2) Risk Criteria For Screening Sites.

a) The five Environmental Factors. These have been evaluated for the Hanson Electric site with the result that **one** of these factors are present at this time:
   1. Documented expansion of plume margin: Based on the drilling project, no evidence of plume expansion has been seen.
   2. Verified contaminant concentrations in a private or public potable well that exceeds the preventive action limit established under Chapter, Stats. 160: The water sample collected from the on-site potable well shows no detects for VOC compounds.
   3. Contamination within bedrock or within one meter of bedrock: petroleum contamination has migrated to bedrock.
   4. Petroleum product that is not in the dissolved phase (floating product) is present with a thickness of 0.01 feet or more, and verified by more than one sampling event: Free product has not been encountered in any of the soil boring locations.
   5. Documented contamination discharges to a surface water or wetland: The petroleum contamination does not appear to have impacted any surface waters.

b) Soil contamination relative to Table 1 values. No soil samples exceeded the NR746 Table 1 Values.

c) Soil contamination within 4 feet of the ground surface relative to Table 2 values: No soil samples collected within 4 feet of the ground surface exceeded the NR746 Table 2 Values.

d) Non-Table 2 contaminants of potential concern within 4 feet of the ground surface. There were no Non-Table 2 contaminants of potential concern within 4 feet of the ground surface.

e) Except for the substances listed in Table 2, there is no human health risk from direct contact for a substance listed in Table 1 if the substances' concentration is below the Table 1 soil screening level. No soil samples collected within 4 feet of the ground surface exceeded the NR746 Table 1 Values.

f) Time frame of the most recent petroleum-product contaminant release. The release must be considered greater than 10 years, because the leaking UST system was removed in 1999.

g) Evidence of petroleum product contamination within a utility corridor or within permeable material or soil along which vapors, free product or contaminated water may flow. An underground electrical line and an underground phone line transect the area of residual soil contamination. However, since the utility corridors are likely filled with native soil, they are not likely to be acting as preferential contamination migration pathways.

h) Evidence of migration or imminent migration of petroleum product contamination to building foundation drain tile, sumps or other points of entry into a basement or other enclosed structure where petroleum vapors could collect and create odors or an adverse impact on indoor air quality or where contaminants may pose an explosion hazard. The extent of soil contamination does not appear to extend underneath the building and the plume exists greater than 5 feet horizontally and vertically from the building.

i) Enforcement standard exceedances in groundwater within 1,000 feet of a well operated by a public utility, or within 100 feet of any other well used to provide water for human consumption. Because of the limited extent of soil contamination and estimated depth to groundwater, there were no groundwater samples collected during the site investigation.

3.7 Agency Jurisdiction

Based on the evaluation of the risk criteria, it does not appear that any high risk factors are present at the subject property. Therefore, it is the recommendation of METCO that the Hanson Electric site be transferred to the administrative authority of the Department of Safety and Professional Services (DSPS). Per NR746.03 definitions, as currently in effect, it is a "low risk" site.

4.0 CONCLUSIONS

4.1 Investigation Summary

The Tank Closure and Drilling project clearly shows that released petroleum has impacted the local soil. Results of the investigation are as follows:

- Local unconsolidated material generally consists of sandy clay to clayey sand with gravel and cobbles from surface to approximately five feet below ground surface (bgs).

- Weathered dolomite was encountered from approximately five feet bgs to nine feet bgs. Competent dolomite bedrock auger refusal) was encountered at nine feet bgs.

- The area of unsaturated soil contamination, which exceeds the NR720 Soil Cleanup Standards, appears to measure approximately 12 feet long, up to 8 feet wide, and up to 5 feet thick.

- There is no known direct contact risk associated with the petroleum contaminated soils.

- Groundwater is expected to exist approximately 40-50 feet bgs. Based on the limited extent of soil contamination, impacts to groundwater do not appear likely.

According to the data collected during the investigation, it is the conclusion of METCO that under existing conditions and limitations, the extent and degree of petroleum contamination have been adequately defined in soil to warrant a completed investigation as defined by DSPS and WDNR guidelines and regulations.

4.2 Recommendations

Based on the site investigation results, METCO recommends the Hanson Electric site be **"closed"** for the for the following reason: 1) The extent and degree of petroleum contamination in soil has been adequately defined. 2) There is no known direct contact risk associated with the petroleum contaminated soil. 3) Groundwater does not appear to be impacted due to the depth to the water table. 4) Analytical results show no impacts to the on-site potable well. 5) Regarding vapor intrusion, there appears to be five feet of clean soil horizontally and vertically from the building.

Site closure will be conditional on listing on the WDNR GIS Registry for residual soil contamination. The necessary deed information and other details of the GIS Registry submittal process are presented in the GIS Registry Package. The $200.00 GIS Registry fee (soil) has been forwarded to Danielle Wincentsen at the WDNR Northern Region Headquarters.

5.0 REFERENCES

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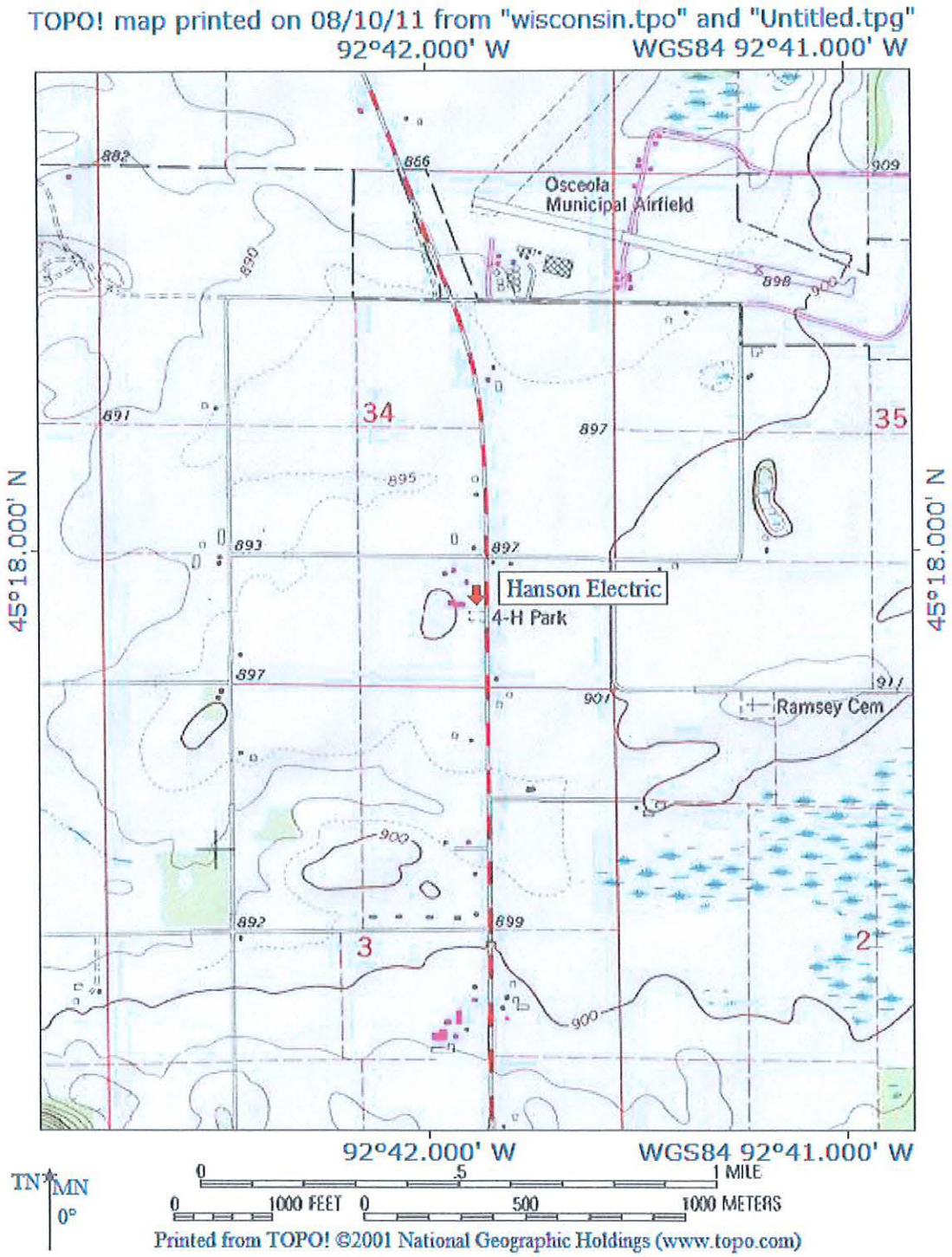
Other information and data was collected from Arlan Hanson, Diggers Hotline, Ground Source Inc., Synergy Environmental Lab, Wisconsin Department of Natural Resources, Wisconsin Department of Safety and Professional Services, and local people.

6.0 FIGURES



SITE LOCATION MAP – CONTOUR INTERVAL 10 FEET
HANSON ELECTRIC – OSCEOLA, WI
SEAMLESS USGS TOPOGRAPHIC MAPS ON CD-ROM

SITE LAYOUT MAP

HANSON ELECTRIC

OSCEOLA, WISCONSIN

DRAWN BY: ED

DATE: 08/10/201

METCO
709 Gillette Street, Suite 3
La Crosse, WI 54603
Tel. (608) 781-6379
Fax: (608) 781-8893

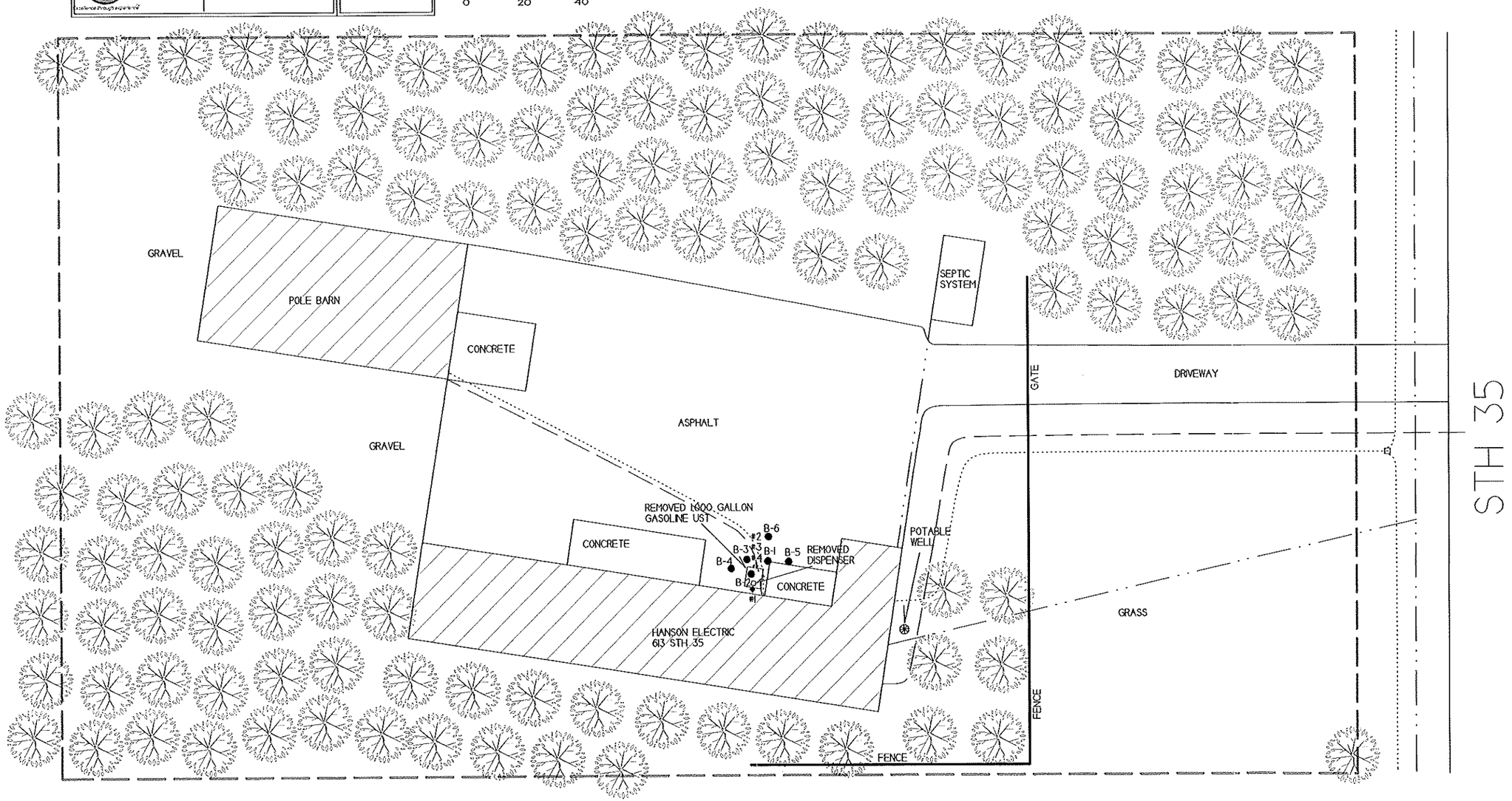
NOTE: INFORMATION BASED ON AVAILABLE DATA. ACTUAL CONDITIONS MAY DIFFER

◆ - UST CLOSURE SOIL SAMPLING LOCATION

● - SOIL BORING LOCATION

- PROPERTY LINE
- UNDERGROUND ELECTRIC LINE
- SEWER LINE
- GAS LINE
- PHONE LINE

SCALE:
1 INCH = 40 FEET
0 20 40



SITE LAYOUT MAP CLOSE-UP

HANSON ELECTRIC

METCO
709 Gillette Street, Suite 3
La Crosse, WI 54603
Tel: (608) 781-8879
Fax: (608) 781-8893
Excellence through experience

OSCEOLA, WISCONSIN

DRAWN BY: ED DATE: 08/10/208
MODIFIED BY: MM DATE: 09/1/2012

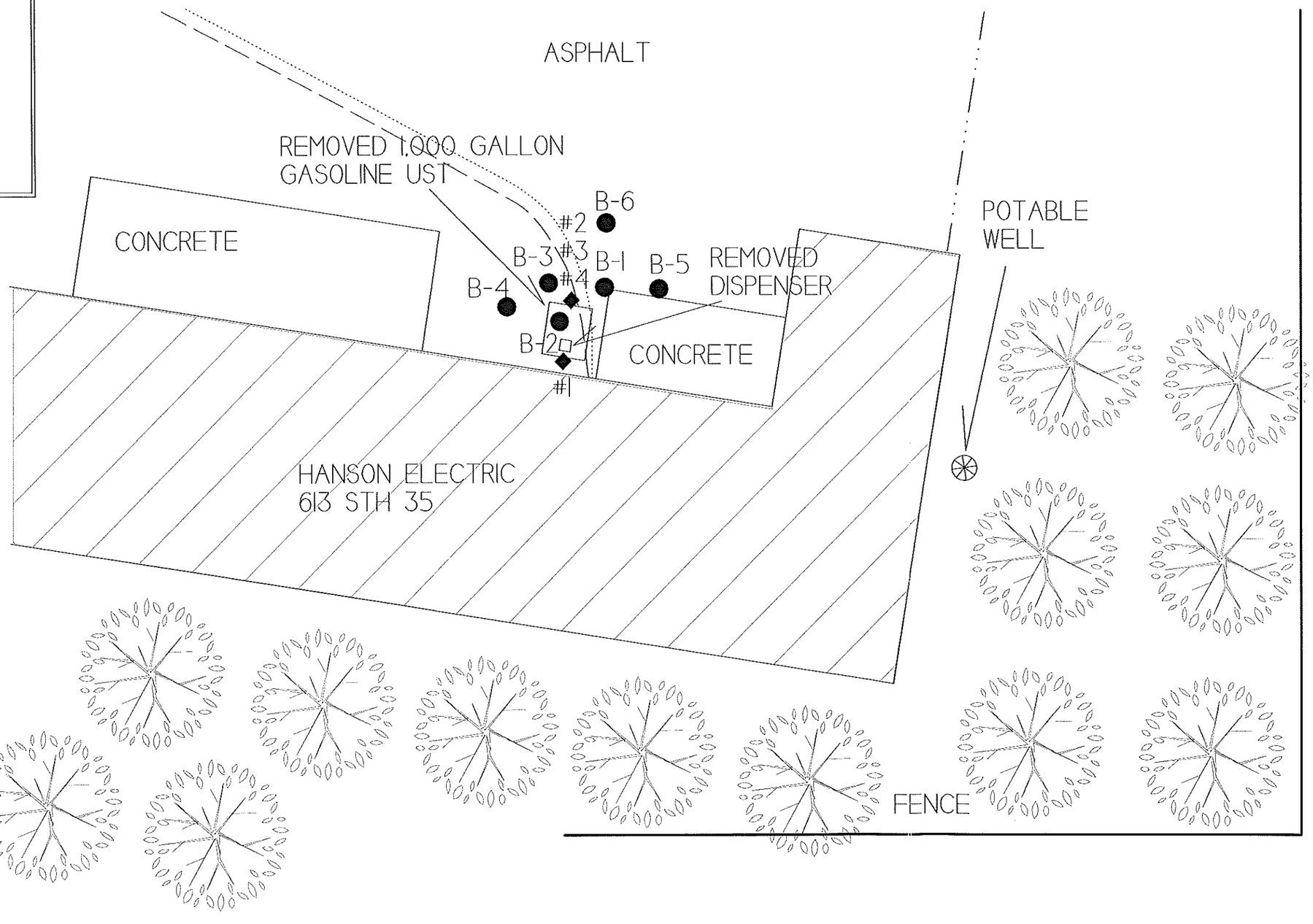
NOTE: INFORMATION BASED ON AVAILABLE DATA. ACTUAL CONDITIONS MAY DIFFER

◆ - UST CLOSURE SOIL SAMPLING LOCATION

● - SOIL BORING LOCATION

— — — — — - PROPERTY LINE
— — — — — - UNDERGROUND ELECTRIC LINE
——— · · · ——— - SEWER LINE
——— · · ——— - GAS LINE
····· - PHONE LINE

SCALE:
1 INCH = 15 FEET
0 15



SOIL CONTAMINATION MAP CLOSE-UP

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METCO
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La Crosse, WI 54603
Tel: (608) 781-8879
Fax: (608) 781-8893
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DRAWN BY: ED DATE: 08/10/201
MODIFED BY: MH DATE: 09/17/2012

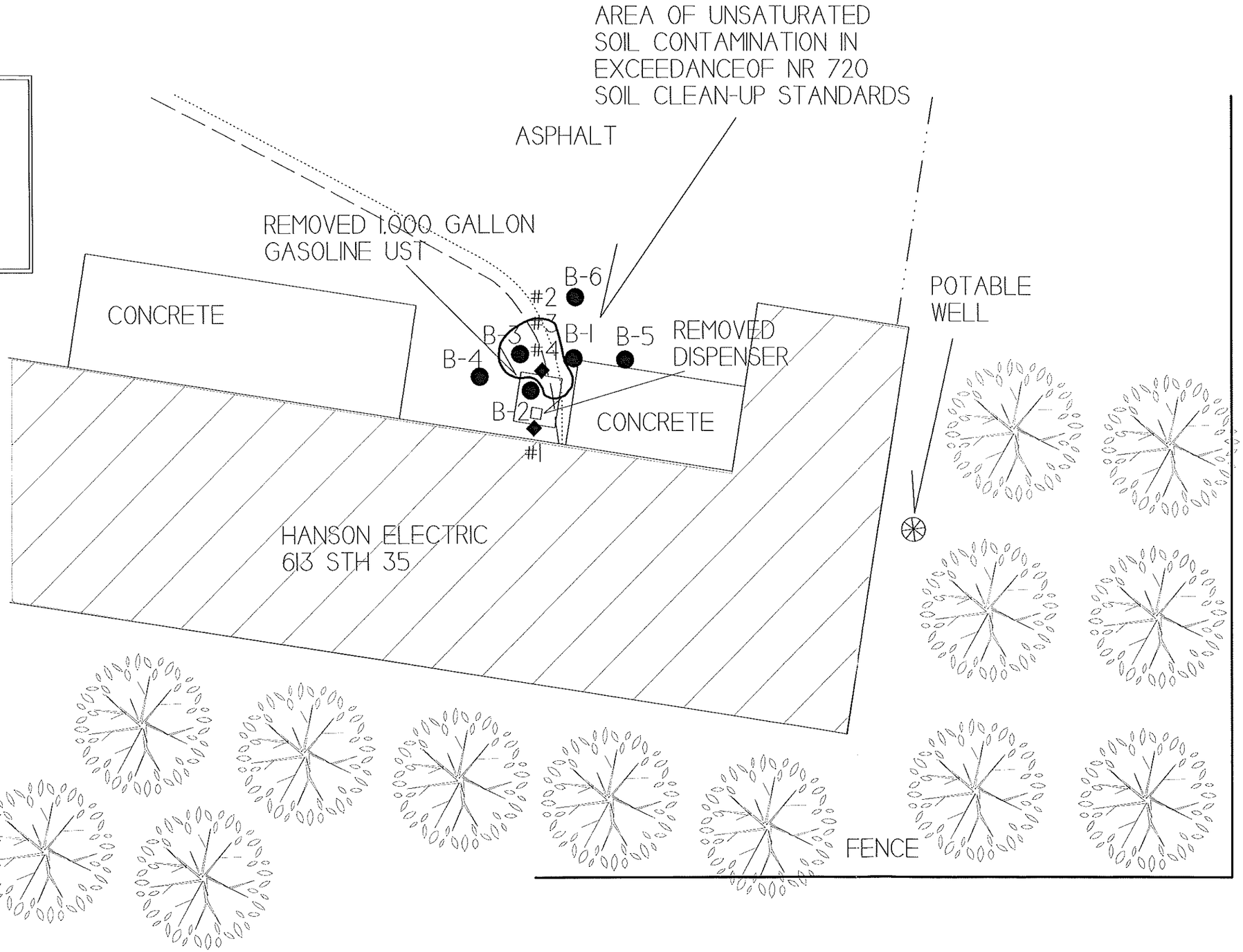
NOTE: INFORMATION BASED ON AVAILABLE DATA. ACTUAL CONDITIONS MAY DIFFER

◆ - UST CLOSURE SOIL SAMPLING LOCATION

● - SOIL BORING LOCATION

— — — — - PROPERTY LINE
— — — — - UNDERGROUND ELECTRIC LINE
——— · · · ——— - SEWER LINE
——— · · ——— - GAS LINE
..... - PHONE LINE

SCALE:
1 INCH = 15 FEET
0 15



NOTE: INFORMATION BASED ON AVAILABLE DATA, ACTUAL CONDITIONS MAY DIFFER

◆ = UST CLOSURE SOIL SAMPLING LOCATION

● = SOIL BORING LOCATION

— — — — = PROPERTY LINE

— — — — = UNDERGROUND ELECTRIC LINE

—— · · · —— = SEWER LINE

—— · · —— = GAS LINE

····· = PHONE LINE

GEOLOGIC CROSS SECTION MAP CLOSE-UP

HANSON ELECTRIC

METCO
709 Gillette Street, Suite 3
La Crosse, WI 54603
Tel: (608) 781-8879
Fax: (608) 781-8893
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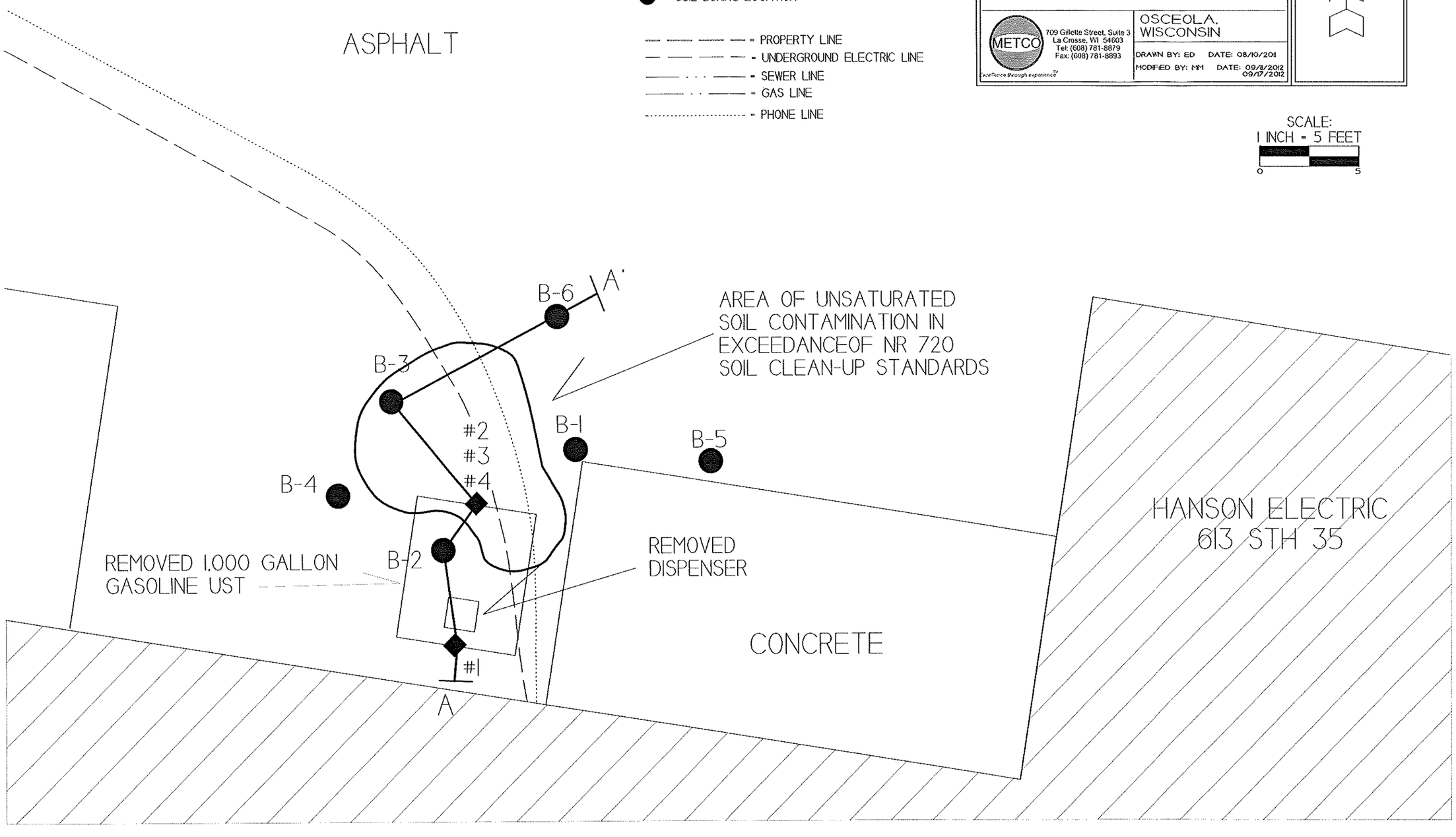
DRAWN BY: ED DATE: 08/10/2012

MODIFIED BY: MM DATE: 09/8/2012
09/17/2012

SCALE:
1 INCH = 5 FEET
0 5



GEOLOGIC CROSS-SECTION

HANSON ELECTRIC

METCO — 709 Collette St., Ste 3, La Crosse, WI 54603, Tel. (608) 781-8879, Fax. (608) 781-8803

OSCEOLA, WISCONSIN

DRAWN BY: MM

DATE: 09/07/2012

NOTE: SOIL SAMPLE DATA IS BASED ON LABORATORY RESULTS FROM SAMPLES COLLECTED DURING THE FOLLOWING EVENTS-
UST REMOVAL PROJECT (09/22/1999)
GEOPROBE PROJECT (06/06/2012)

PID - PHOTO IONIZATION DETECTOR
GRO - GASOLINE RANGE ORGANICS
B - BENZENE
E - ETHYLBENZENE
MTBE - METHYL TERT-BUTYL ETHER
N - NAPHTHALENE
T - TOLUENE
1,2,4-TMB - 1,2,4-TRIMETHYLBENZENE
1,2,5-TMB - 1,3,5-TRIMETHYLBENZENE
X - XYLENE

INFORMATION BASED ON AVAILABLE DATA. ACTUAL CONDITIONS MAY DIFFER.

PVOC SAMPLE RESULTS ARE PRESENTED IN PARTS PER BILLION (PPB). GRO ARE PRESENTED IN PARTS PER MILLION (PPM).

THE WATERTABLE IS EXPECTED TO EXIST AT APPROXIMATELY 40-50 FEET BGS AND GROUNDWATER FLOW IS EXPECTED TO BE TOWARD THE WEST TO NORTHWEST.

VERTICAL SCALE: 1 INCH = 1 FOOT (0 – 1)

HORIZONTAL SCALE: 1 INCH = 5 FEET (0 – 5)

● - GEOPROBE BORING LOCATION

◆ - UST SITE ASSESSMENT SAMPLING LOCATION

- SOIL SAMPLE LOCATION - GEOPROBE

BROWN SANDY CLAY WITH GRAVEL

TAN TO ORANGE TO GRAY WEATHERED DOLOMITE

TAN TO ORANGE TO GRAY DOLOMITE

FILL MATERIAL

A SOUTH — A' NORTH

AREA OF REMOVED 1,000 GALLON UST

AREA OF REMOVED DISPENSER

GROUND SURFACE

5' BGS

10' BGS

B-2 — ASPHALT — B-3 — ASPHALT — B-6

B-2-1 (3.5 FT) PID-0 NO GRO, PVOC OR NAPH DETECTS

B-2-2 (6 FT) PID-0

#1 (6 FT) PID-0 NO GRO OR PVOC DETECTS

B-2-3 (8 FT) PID-0 NO GRO, PVOC OR NAPH DETECTS

B-2-4 (10 FT) PID-0

B-2-5 (11 FT) PID-0 NO GRO, PVOC OR NAPH DETECTS

REFUSAL AT 11 FEET

#2 (6 FT) PID-2120 424 GRO 424 B 2420 EB 8350 T 23000 1,2,4-TMB 10000 1,3,5-TMB 36300 X

#3 (7 FT) PID-172

#4 (7.5 FT) PID-146 14.3 GRO 50 E 100 T 1030 1,2,4-TMB 502 1,3,5-TMB 957 X

B-3-1 (3.5 FT) PID-0 11 GRO 61 B 106 1,2,4-TMB 119 1,3,5-TMB 116 X

B-3-2 (6 FT) PID-0

B-3-3 (7 FT) PID-0 NO GRO, PVOC OR NAPH DETECTS

REFUSAL AT 7 FEET

B-3-3 (8 FT) PID-0

B-6-1 (3.5 FT) PID-0 NO GRO, PVOC OR NAPH DETECTS

B-6-2 (6 FT) PID-0

B-6-4 (9 FT) PID-0 NO GRO, PVOC OR NAPH DETECTS

REFUSAL AT 9 FEET

GENERAL EXTENT OF PETROLEUM CONTAMINATION IN SOIL IN EXCEEDANCE OF NR720 SOIL CLEAN-UP GUIDELINES

7.0 DATA TABLES, GRAPHS, AND STATISTICAL ANALYSIS

Soil Analytical Results Summary
Hanson Electric BRRTS# 03-49-234619

Sample ID	Depth (feet)	Date	PID	GRO (ppm)	Benzene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naph-thalene (ppb)	Toluene (ppb)	1,2,4-Trime-thylbenzene (ppb)	1,3,5-Trime-thylbenzene (ppb)	Xylene (Total) (ppb)
B-1-1	3.5	06/06/12	15	<10	<8.9	<55	<12	<107	<50	<80	<48	<136
B-1-2	6	06/06/12	0	NOT SAMPLED								
B-1-3	8	06/06/12	0	<10	<25	<25	<25	<25	<25	<25	<25	<75
B-1-4	10	06/06/12	0	NOT SAMPLED								
B-1-5	11	06/06/12	0	<10	<25	<25	<25	<25	<25	<25	<25	<75
B-2-1	3.5	06/06/12	0	<10	<25	<25	<25	<25	<25	<25	<25	<75
B-2-2	6	06/06/12	0	NOT SAMPLED								
B-2-3	8	06/06/12	0	<10	<25	<25	<25	<25	<25	<25	<25	<75
B-2-4	10	06/06/12	0	NOT SAMPLED								
B-2-5	11	06/06/12	0	<10	<25	<25	<25	<25	<25	<25	<25	<75
B-3-1	3.5	06/06/12	0	11	**61**	<25	<25	<25	<25	106	119	116
B-3-2	6	06/06/12	0	NOT SAMPLED								
B-3-3	7	06/06/12	0	<10	<25	<25	<25	<25	<25	<25	<25	<75
B-4-1	3.5	06/06/12	0	<10	<25	<25	<25	<25	<25	<25	<25	<75
B-4-2	6	06/06/12	0	<10	<25	<25	<25	<25	<25	<25	<25	<75
B-5-1	3.5	06/06/12	0	<10	<25	<25	<25	<25	<25	<25	<25	<75
B-5-2	6	06/06/12	0	NOT SAMPLED								
B-5-3	6-8	06/06/12	NO RECOVERY									
B-5-4	8.5	06/06/12	0	<10	<25	<25	<25	<25	<25	<25	<25	<75
B-6-1	3.5	06/06/12	0	<10	<25	<25	<25	<25	<25	<25	<25	<75
B-6-2	6	06/06/12	0	NOT SAMPLED								
B-6-3	8	06/06/12	0	NOT SAMPLED								
B-6-4	9	06/06/12	0	<10	<25	<25	<25	<25	<25	<25	<25	<75
#1	6	09/22/99	0	<6.1	<31	<31	<31	NS	<31	<31	<31	<92
#2	6	09/22/99	2120	**424**	**1210**	**2420**	<600	NS	**8350**	23000	10000	**36300**
#3	7	09/22/99	172	NOT SAMPLED								
#4	7.5	09/22/99	146	14.3	<29	50	<29	NS	100	1030	502	957
NR720				100	5.5	2900	---	---	1500	---	---	4100
NR746 Table 1				---	8500	4600	---	2700	38000	83000	11000	42000
NR746 Table 2				---	1100	---	---	---	---	---	---	---

Bold = NR720 Exceedance
Bold/Underline = NR746 Exceedance
NS = Not Sampled

Groundwater Analytical Results Summary
Hanson Electric BRRTS# 03-49-234619

Sampling Conducted on June 6, 2012

VOC's		ENFORCE MENT STANDARD = ES -- Bold	*PREVENTIVE ACTION LIMIT = PAL - Italics*
Well Name	POTABLE WELL		
Benzene/ppb	< 0.24	5	*0.5*
Bromobenzene/ppb	< 0.31	==	==
Bromodichloromethane/ppb	< 0.33	==	==
Bromoform/ppb	< 0.33	==	==
tert-Butylbenzene/ppb	< 0.61	==	==
sec-Butylbenzene/ppb	< 0.47	==	==
n-Butylbenzene/ppb	< 0.25	==	==
Carbon Tetrachloride/ppb	< 1.1	==	==
Chlorobenzene/ppb	< 0.39	==	==
Chloroethane/ppb	< 0.32	==	==
Chloroform/ppb	< 0.3	==	==
Chloromethane/ppb	< 0.25	==	==
2-Chlorotoluene/ppb	< 0.39	==	==
4-Chlorotoluene/ppb	< 0.21	==	==
1,2-Dibromo-3-chloropropane/ppb	< 0.33	==	==
Dibromochloromethane/ppb	< 0.12	==	==
1,4-Dichlorobenzene/ppb	< 0.22	==	==
1,3-Dichlorobenzene/ppb	< 0.34	==	==
1,2-Dichlorobenzene/ppb	< 0.3	==	==
Dichlorodifluoromethane/ppb	< 0.38	==	==
1,2-Dichloroethane/ppb	< 0.37	5	*0.5*
1,1-Dichloroethane/ppb	< 0.42	==	==
1,1-Dichloroethene/ppb	< 0.38	==	==
cis-1,2-Dichloroethene/ppb	< 0.35	==	==
trans-1,2-Dichloroethene/ppb	< 1.9	==	==
1,2-Dichloropropane/ppb	< 0.21	==	==
2,2-Dichloropropane/ppb	< 0.37	==	==
1,3-Dichloropropane/ppb	< 0.25	==	==
Di-isopropyl ether/ppb	< 0.2	==	==
EDB (1,2-Dibromoethane)/ppb	< 0.27	0.05	*0.005*
Ethylbenzene/ppb	< 0.31	700	*140*
Hexachlorobutadiene/ppb	< 0.26	==	==
Isopropylbenzene/ppb	< 0.39	==	==
p-Isopropyltoluene/ppb	< 0.33	==	==
Methylene chloride/ppb	< 0.38	==	==
Methyl tert-butyl ether (MTBE)/ppb	< 0.34	60	*12*
Naphthalene/ppb	< 0.16	100	*10*
n-Propylbenzene/ppb	< 0.24	==	==
1,1,2,2-Tetrachloroethane/ppb	< 0.39	==	==
1,1,1,2-Tetrachloroethane/ppb	< 0.4	==	==
Tetrachloroethene (PCE)/ppb	< 0.39	5	*0.5*
Toluene/ppb	< 0.14	800	*160*
1,2,4-Trichlorobenzene/ppb	< 0.4	==	==
1,2,3-Trichlorobenzene/ppb	< 0.39	==	==
1,1,1-Trichloroethane/ppb	< 0.4	==	==
1,1,2-Trichloroethane/ppb	< 0.38	==	==
Trichloroethene (TCE)/ppb	< 0.57	5	*0.5*
Trichlorofluoromethane/ppb	< 0.3	==	==
1,2,4-Trimethylbenzene/ppb	< 0.15		
1,3,5-Trimethylbenzene/ppb	< 0.092	480	*96*
Vinyl Chloride/ppb	< 0.18	==	==
m&p-Xylene/ppb	< 0.65		
o-Xylene/ppb	< 0.32	2000	*400*

NS = not sampled, NM = Not Measured
Q = Analyte detected above laboratory method detection limit but below practical quantitation limit.
= = No Exceedences

APPENDIX A/ METHODS OF INVESTIGATION

Drilling Project

Soil borings were conducted by Ground Source Inc. of De Pere, Wisconsin, under the supervision of METCO personnel. Using a truck-mounted auger drill rig, all borings were completed in accordance with ASTM D-1452, "Soil Investigation and Sampling by Auger Boring," using 6.25-inch, inside-diameter (ID) augers. Soil sampling was conducted in accordance with ASTM D-1586 "Penetration Tests and Split-Barrel Sampling of Soils" using a 2-inch, outside-diameter (OD) 2.5-foot split spoon sampler. Using this procedure, a split spoon sampler is driven into the soil by a 140 pound weight falling 30 inches.

Field observations such as soil characteristics, petroleum odors, and petroleum staining were continuously noted throughout the drilling process.

The purpose of the Drilling Project and subsequent well installation/sampling was to investigate subsurface conditions and characteristics, verify the extent of petroleum contamination in local soil and groundwater, and collect aquifer data.

Field Screening

Selected soil samples were scanned with a Model HW-101 HNU Photo-ionization Meter equipped with a 10.2 eV lamp. Metered calibrations were done at the beginning of each workday using an isobutylene standard. A quart sized Ziploc bag was filled, by gloved hand, one-third full with the sample. The Ziploc bags were sealed and shaken vigorously for 30 seconds. Headspace development was established by allowing the sample to rest for at least 15 minutes. If ambient temperatures are below 70 degrees Fahrenheit, headspace development takes place in a heated environment, which allows the sample enough time to establish satisfactory headspace. To take readings, the HNU probe was inserted through the Ziploc seal and the highest meter response recorded.

Throughout the field projects the HNU Meter did not encounter any vast temperature or humidity changes, malfunctions, repairs, or any other obvious interferences that would affect its results.

Potable Well Sampling

The potable well sample for laboratory analysis was collected from a spigot off the side of the building which was not connected any water filtering or softening systems. The well was allowed to run for approximately 30 minuted before the sample was collected.

Field observations such as color, turbidity, petroleum odors, and petroleum sheens

associated with the collected samples were continuously noted throughout sampling.

Sample Preparation

The volume of sample, size of container, and type of sample preservation was dependent on the specific parameter for which the sample was to be analyzed. Parameter specific information is presented in the LUST Sample Guidelines located in Appendix E.

Field Sampling and Transportation Quality Control

All samples were collected in a manner as to maintain their quality and to eliminate any possible cross contamination. METCO did not deviate from any WDNR or laboratory recommended procedures for sample collection, preservation, or transportation on this project.

Equipment advanced into the subsurface was cleaned between sampling locations. Cleaning consisted of washing with a biodegradable Alconox solution and rinsing with potable water. Disposable equipment was not cleaned, but immediately disposed of after use.

All samples were constantly kept on ice in a cooler and hand delivered to the laboratory.

Laboratory Quality Control

See Appendix B for the results of any field blanks, trip blanks, temperature blanks, lab spikes, split samples, replicate spikes, and duplicates.

Investigative Wastes

No investigative waste was generated during the drilling project.

APPENDIX B/ ANALYTICAL METHODS & LABORATORY DATA REPORTS

TestAmerica
INCORPORATED

ANALYTICAL AND QUALITY CONTROL REPORT

Mr. Mark Iverson
CEDAR CORPORATION
604 Wilson Avenue
Menomonie, WI 54751

10/04/1999

Job No: 99.08492

Enclosed are the Analytical and Quality Control reports for the following samples submitted for analysis:

Sample Number	Sample Description	Date Taken	Date Received
366739	#1 #1964-0014-303-01 Riverview	09/22/1999	09/24/1999
366740	#2 #1964-0014-303-01 Riverview	09/22/1999	09/24/1999
366741	#4 #1964-0014-303-01 Riverview	09/22/1999	09/24/1999

Soil results are reported on a dry weight basis. The above sample(s) may have a result flag shown on the report. The following are the result flag definitions:

A = Analyzed/extracted past hold time
B = Blank is contaminated
C = Standard outside of control limits
D = Diluted for analysis
F = Sample filtered in lab
G = Received past hold time
H = Late eluting hydrocarbons present
I = Improperly handled sample
J = Estimated concentration
L = Common lab solvent and contaminant
M = Matrix interference
P = Improperly preserved sample
Q = Result confirmed via re-analysis
S = Sediment present
T = Does not match typical pattern
W = BOD re-set due to missed dilution
X = Unidentified compound(s) present
Z = Internal standard outside limits

Brian D. DeJong
Organic Operations Manager

602 COMMERCE DRIVE / WATERTOWN, WI 53094 / 920-261-1660 / FAX: 920-261-8120
WDNR NO. 128053530

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Mr. Mark Iverson
CEDAR CORPORATION
604 Wilson Avenue
Menomonie, WI 54751

10/04/1999
Job No: 99.08492
Sample No: 366739
Account No: 13800

JOB DESCRIPTION: #1964-0014-303-01 Riverview Oil
PROJECT DESCRIPTION: Soil Analysis
SAMPLE DESCRIPTION: #1 #1964-0014-303-01 Riverview
Rec'd on ice

Date/Time Taken: 09/22/1999 08:40 Date Received: 09/24/1999

Parameter	Results	Units	Reporting Limit	Method	Date Analyzed	Prep/Run Batch
Solids, Total	81.4	%	n/a	SW 5030	09/30/1999	295
PVOC - NONAQUEOUS						
Benzene	<31	ug/kg	25	SW 8020	10/01/1999	2454
Ethylbenzene	<31	ug/kg	25	SW 8020	10/01/1999	245
Methyl-t-butyl ether	<31	ug/kg	25	SW 8020	10/01/1999	245
Toluene	<31	ug/kg	25	SW 8020	10/01/1999	2454
1,2,4-Trimethylbenzene	<31	ug/kg	25	SW 8020	10/01/1999	2454
1,3,5-Trimethylbenzene	<31	ug/kg	25	SW 8020	10/01/1999	245
Xylenes, Total	<92	ug/kg	75	SW 8020	10/01/1999	245
GRO	<6.1	mg/kg	5.0	WDNR	10/01/1999	2454
Surr: Bromofluorobenzene	99.0	%	n/a	SW 8020	10/01/1999	2454

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Mr. Mark Iverson
CEDAR CORPORATION
604 Wilson Avenue
Menomonie, WI 54751

10/04/1999
Job No: 99.08492
Sample No: 366740
Account No: 13800
Page 3 of 4

JOB DESCRIPTION: #1964-0014-303-01 Riverview Oil
PROJECT DESCRIPTION: Soil Analysis
SAMPLE DESCRIPTION: #2 #1964-0014-303-01 Riverview
Rec'd on ice

Date/Time Taken: 09/22/1999 08:45 Date Received: 09/24/1999

Parameter		Results	Units	Reporting Limit	Method	Date Analyzed	Prep/Run Batch
Solids, Total		82.6	%	n/a	SW 5030	09/30/1999	2956
PVOC - NONAQUEOUS							
Benzene		1,210	ug/kg	25	SW 8020	10/01/1999	2454
Ethylbenzene		2,420	ug/kg	25	SW 8020	10/01/1999	2454
Methyl-t-butyl ether		<600	ug/kg	25	SW 8020	10/01/1999	2454
Toluene		8,350	ug/kg	25	SW 8020	10/01/1999	2454
1,2,4-Trimethylbenzene		23,000	ug/kg	25	SW 8020	10/01/1999	2454
1,3,5-Trimethylbenzene		10,000	ug/kg	25	SW 8020	10/01/1999	2454
Xylenes, Total		36,300	ug/kg	75	SW 8020	10/01/1999	2454
GRO	H	424	mg/kg	5.0	WDNR	10/01/1999	2454
Surr: Bromofluorobenzene		86.5	%	n/a	SW 8020	10/01/1999	2454

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Mr. Mark Iverson
CEDAR CORPORATION
604 Wilson Avenue
Menomonie, WI 54751

10/04/1999
Job No: 99.08492
Sample No: 366741
Account No: 13800

JOB DESCRIPTION: #1964-0014-303-01 Riverview Oil
PROJECT DESCRIPTION: Soil Analysis
SAMPLE DESCRIPTION: #4 #1964-0014-303-01 Riverview
Rec'd on ice

Date/Time Taken: 09/22/1999 08:50 Date Received: 09/24/1999

Parameter		Results	Units	Reporting Limit	Method	Date Analyzed	Prep/Run Batch
Solids, Total		85.7	%	n/a	SW 5030	09/30/1999	295
PVOC - NONAQUEOUS							
Benzene		<29	ug/kg	25	SW 8020	10/01/1999	2454
Ethylbenzene		50	ug/kg	25	SW 8020	10/01/1999	245
Methyl-t-butyl ether		<29	ug/kg	25	SW 8020	10/01/1999	245
Toluene		100	ug/kg	25	SW 8020	10/01/1999	2454
1,2,4-Trimethylbenzene		1,030	ug/kg	25	SW 8020	10/01/1999	2454
1,3,5-Trimethylbenzene		502	ug/kg	25	SW 8020	10/01/1999	245
Xylenes, Total		957	ug/kg	75	SW 8020	10/01/1999	245
GRO	H	15	mg/kg	5.0	WDNR	10/01/1999	2454
Surr: Bromofluorobenzene		97.0	%	n/a	SW 8020	10/01/1999	2454

TestAmerica INCORPORATED

CHAIN OF CUSTODY RECORD

94.08495

COMPANY: CEDAR CORPORATION
ADDRESS: 604 WILSON AVE MENOMONIE
PHONE: 715-235-9081 FAX: 235-2727
PROJECT NAME/LOCATION: Riverview Oil - Osceola
PROJECT NUMBER: 1964-0014-303-01
PROJECT MANAGER: Mark Iverson

REPORT TO: Cedar Corporation
INVOICE TO: Cedar
P.O. NO.
QUOTE NO.

SAMPLED BY
MARK IVERSON (PRINT NAME) — SIGNATURE
(PRINT NAME) — SIGNATURE

DATE	TIME	SAMPLE ID/DESCRIPTION	MATRIX	GRAB	COMP	# and Type of Containers: HCl	NaOH	HNO_3	H_2SO_4	OTHER	WI-GRO+PVOA	BTEX	COMMENTS
9-22-99	840	#1	S	X						2	X		Preserved with 25 mls MeOH
	845	#2	S	X					2	2	X		
↓	850	#4	S	X						2	X		↓ Bottles Seq #3
													Bottles Seq Hanson Electric

ANALYSES

To assist us in selecting the proper method
Is this work being conducted for regulatory compliance monitoring? Yes ____ No ____
Is this work being conducted for regulatory enforcement action? Yes ____ No ____
Which regulations apply: RCRA ____ NPDES Wastewater ____ UST ____ Drinking Water ____ Other ____ None ____

CONDITION OF SAMPLE: BOTTLES INTACT? YES / NO — COC SEALS PRESENT AND INTACT? YES / NO — TEMPERATURE UPON RECEIPT: ICE
FIELD FILTERED? YES / NO — VOLATILES FREE OF HEADSPACE? YES / NO — Bottles supplied by LAB? YES / NO

SAMPLE REMAINDER DISPOSAL: RETURN SAMPLE REMAINDER TO CLIENT VIA ____
I REQUEST LAB TO DISPOSE OF ALL SAMPLE REMAINDERS ____ DATE ____

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	RELINQUISHED BY:	DATE	TIME	RECEIVED FOR LAB BY:
	9/23/99	1400			9/24/99	14:50	Shelley Loomis

METHOD OF SHIPMENT: Dunham

REMARKS:

09/27/99

PT 1 - ORIGINAL - WHITE PT 2 - PROJECT MANAGER - YELLOW PT 3 - CUSTOMER COPY - PINK

Synergy Environmental Lab,

1990 Prospect Ct., Appleton, WI 54914 *P 920-830-2455 * F 920-733-0631

ARLAN HANSON
ARLAN HANSON
PO BOX 98
OSCEOLA, WI 54020

Report Date *18-Jun-12*

Project Name HANSON ELECTRIC **Invoice #** E23893
Project #

Lab Code 5023893A
Sample ID MEOH BLANK
Sample Matrix Soil
Sample Date 6/6/2012

	Result	Units	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
GRO/PVOC + Naphthalene										
Gasoline Range Organics	< 10	mg/kg	1.6	5.2	1	GRO95/8021		6/15/2012	CJR	1
Benzene	< 25	ug/kg	2.9	9.3	1	GRO95/8021		6/15/2012	CJR	1
Ethylbenzene	< 25	ug/kg	2.6	8.2	1	GRO95/8021		6/15/2012	CJR	1
Methyl tert-butyl ether (MTBE)	< 25	ug/kg	8.1	26	1	GRO95/8021		6/15/2012	CJR	1
Naphthalene	< 25	ug/kg	8.4	27	1	GRO95/8021		6/15/2012	CJR	1
Toluene	< 25	ug/kg	3.6	11	1	GRO95/8021		6/15/2012	CJR	1
1,2,4-Trimethylbenzene	< 25	ug/kg	2.7	8.6	1	GRO95/8021		6/15/2012	CJR	1
1,3,5-Trimethylbenzene	< 25	ug/kg	3	9.6	1	GRO95/8021		6/15/2012	CJR	1
m&p-Xylene	< 50	ug/kg	5.2	17	1	GRO95/8021		6/15/2012	CJR	1
o-Xylene	< 25	ug/kg	6.3	20	1	GRO95/8021		6/15/2012	CJR	1

Lab Code 5023893B
Sample ID B-1-1
Sample Matrix Soil
Sample Date 6/6/2012

	Result	Units	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	89.3	%			1	5021		6/12/2012	MDK	1
Organic										
General										
Gasoline Range Organics	< 10	mg/kg	1.6	5.2	1	GRO95/8021		6/15/2012	CJR	1
VOC's										
Benzene	< 8.9	ug/kg	8.9	28	1	8260B		6/11/2012	CJR	1
Bromobenzene	< 14	ug/kg	14	43	1	8260B		6/11/2012	CJR	1
Bromodichloromethane	< 12	ug/kg	12	37	1	8260B		6/11/2012	CJR	1
Bromoform	< 20	ug/kg	20	62	1	8260B		6/11/2012	CJR	1

Project Name HANSON ELECTRIC **Invoice #** E23893
Project #

Lab Code 5023893B
Sample ID B-1-1
Sample Matrix Soil
Sample Date 6/6/2012

	Result	Units	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
tert-Butylbenzene	< 54	ug/kg	54	173	1	8260B		6/11/2012	CJR	1
sec-Butylbenzene	< 51	ug/kg	51	162	1	8260B		6/11/2012	CJR	1
n-Butylbenzene	< 48	ug/kg	48	152	1	8260B		6/11/2012	CJR	1
Carbon Tetrachloride	< 12	ug/kg	12	39	1	8260B		6/11/2012	CJR	1
Chlorobenzene	< 9.4	ug/kg	9.4	30	1	8260B		6/11/2012	CJR	1
Chloroethane	< 142	ug/kg	142	452	1	8260B		6/11/2012	CJR	1
Chloroform	< 46	ug/kg	46	146	1	8260B		6/11/2012	CJR	1
Chloromethane	< 207	ug/kg	207	658	1	8260B		6/11/2012	CJR	1
2-Chlorotoluene	< 84	ug/kg	84	267	1	8260B		6/11/2012	CJR	1
4-Chlorotoluene	< 76	ug/kg	76	241	1	8260B		6/11/2012	CJR	1
1,2-Dibromo-3-chloropropane	< 77	ug/kg	77	245	1	8260B		6/11/2012	CJR	1
Dibromochloromethane	< 9.5	ug/kg	9.5	30	1	8260B		6/11/2012	CJR	1
1,4-Dichlorobenzene	< 52	ug/kg	52	167	1	8260B		6/11/2012	CJR	1
1,3-Dichlorobenzene	< 53	ug/kg	53	170	1	8260B		6/11/2012	CJR	1
1,2-Dichlorobenzene	< 51	ug/kg	51	164	1	8260B		6/11/2012	CJR	1
Dichlorodifluoromethane	< 12	ug/kg	12	37	1	8260B		6/11/2012	CJR	1
1,2-Dichloroethane	< 13	ug/kg	13	42	1	8260B		6/11/2012	CJR	1
1,1-Dichloroethane	< 11	ug/kg	11	33	1	8260B		6/11/2012	CJR	1
1,1-Dichloroethene	< 22	ug/kg	22	69	1	8260B		6/11/2012	CJR	1
cis-1,2-Dichloroethene	< 14	ug/kg	14	44	1	8260B		6/11/2012	CJR	1
trans-1,2-Dichloroethene	< 22	ug/kg	22	69	1	8260B		6/11/2012	CJR	1
1,2-Dichloropropane	< 11	ug/kg	11	36	1	8260B		6/11/2012	CJR	1
2,2-Dichloropropane	< 33	ug/kg	33	104	1	8260B		6/11/2012	CJR	1
1,3-Dichloropropane	< 11	ug/kg	11	35	1	8260B		6/11/2012	CJR	1
Di-isopropyl ether	< 47	ug/kg	47	148	1	8260B		6/11/2012	CJR	1
EDB (1,2-Dibromoethane)	< 17	ug/kg	17	54	1	8260B		6/11/2012	CJR	1
Ethylbenzene	< 55	ug/kg	55	175	1	8260B		6/11/2012	CJR	1
Hexachlorobutadiene	< 95	ug/kg	95	303	1	8260B		6/11/2012	CJR	1
Isopropylbenzene	< 53	ug/kg	53	168	1	8260B		6/11/2012	CJR	1
p-Isopropyltoluene	< 45	ug/kg	45	143	1	8260B		6/11/2012	CJR	1
Methylene chloride	< 119	ug/kg	119	380	1	8260B		6/11/2012	CJR	1
Methyl tert-butyl ether (MTBE)	< 12	ug/kg	12	38	1	8260B		6/11/2012	CJR	1
Naphthalene	< 107	ug/kg	107	340	1	8260B		6/11/2012	CJR	1
n-Propylbenzene	< 53	ug/kg	53	169	1	8260B		6/11/2012	CJR	1
1,1,2,2-Tetrachloroethane	< 20	ug/kg	20	64	1	8260B		6/11/2012	CJR	1
1,1,1,2-Tetrachloroethane	< 41	ug/kg	41	132	1	8260B		6/11/2012	CJR	1
Tetrachloroethene	< 24	ug/kg	24	78	1	8260B		6/11/2012	CJR	1
Toluene	< 50	ug/kg	50	159	1	8260B		6/11/2012	CJR	1
1,2,4-Trichlorobenzene	< 74	ug/kg	74	237	1	8260B		6/11/2012	CJR	1
1,2,3-Trichlorobenzene	< 129	ug/kg	129	409	1	8260B		6/11/2012	CJR	1
1,1,1-Trichloroethane	< 11	ug/kg	11	34	1	8260B		6/11/2012	CJR	1
1,1,2-Trichloroethane	< 16	ug/kg	16	52	1	8260B		6/11/2012	CJR	1
Trichloroethene (TCE)	< 17	ug/kg	17	53	1	8260B		6/11/2012	CJR	1
Trichlorofluoromethane	< 43	ug/kg	43	137	1	8260B		6/11/2012	CJR	1
1,2,4-Trimethylbenzene	< 80	ug/kg	80	253	1	8260B		6/11/2012	CJR	1
1,3,5-Trimethylbenzene	< 48	ug/kg	48	151	1	8260B		6/11/2012	CJR	1
Vinyl Chloride	< 16	ug/kg	16	49	1	8260B		6/11/2012	CJR	1
m&p-Xylene	< 86	ug/kg	86	274	1	8260B		6/11/2012	CJR	1
o-Xylene	< 50	ug/kg	50	159	1	8260B		6/11/2012	CJR	1
SUR - Toluene-d8	105	Rec %			1	8260B		6/11/2012	CJR	1
SUR - 1,2-Dichloroethane-d4	101	Rec %			1	8260B		6/11/2012	CJR	1
SUR - 4-Bromofluorobenzene	117	Rec %			1	8260B		6/11/2012	CJR	1

Project Name HANSON ELECTRIC **Invoice #** E23893
Project #

Lab Code 5023893B
Sample ID B-1-1
Sample Matrix Soil
Sample Date 6/6/2012

	Result	Units	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
SUR - Dibromofluoromethane	95	Rec %			1	8260B		6/11/2012	CJR	1

Lab Code 5023893C
Sample ID B-1-3
Sample Matrix Soil
Sample Date 6/6/2012

	Result	Units	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	91.3	%			1	5021		6/12/2012	MDK	1
Organic										
GRO/PVOC + Naphthalene										
Gasoline Range Organics	< 10	mg/kg	1.6	5.2	1	GRO95/8021		6/15/2012	CJR	1
Benzene	< 25	ug/kg	2.9	9.3	1	GRO95/8021		6/15/2012	CJR	1
Ethylbenzene	< 25	ug/kg	2.6	8.2	1	GRO95/8021		6/15/2012	CJR	1
Methyl tert-butyl ether (MTBE)	< 25	ug/kg	8.1	26	1	GRO95/8021		6/15/2012	CJR	1
Naphthalene	< 25	ug/kg	8.4	27	1	GRO95/8021		6/15/2012	CJR	1
Toluene	< 25	ug/kg	3.6	11	1	GRO95/8021		6/15/2012	CJR	1
1,2,4-Trimethylbenzene	< 25	ug/kg	2.7	8.6	1	GRO95/8021		6/15/2012	CJR	1
1,3,5-Trimethylbenzene	< 25	ug/kg	3	9.6	1	GRO95/8021		6/15/2012	CJR	1
m&p-Xylene	< 50	ug/kg	5.2	17	1	GRO95/8021		6/15/2012	CJR	1
o-Xylene	< 25	ug/kg	6.3	20	1	GRO95/8021		6/15/2012	CJR	1

Lab Code 5023893D
Sample ID B-1-5
Sample Matrix Soil
Sample Date 6/6/2012

	Result	Units	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	92.6	%			1	5021		6/12/2012	MDK	1
Organic										
GRO/PVOC + Naphthalene										
Gasoline Range Organics	< 10	mg/kg	1.6	5.2	1	GRO95/8021		6/15/2012	CJR	1
Benzene	< 25	ug/kg	2.9	9.3	1	GRO95/8021		6/15/2012	CJR	1
Ethylbenzene	< 25	ug/kg	2.6	8.2	1	GRO95/8021		6/15/2012	CJR	1
Methyl tert-butyl ether (MTBE)	< 25	ug/kg	8.1	26	1	GRO95/8021		6/15/2012	CJR	1
Naphthalene	< 25	ug/kg	8.4	27	1	GRO95/8021		6/15/2012	CJR	1
Toluene	< 25	ug/kg	3.6	11	1	GRO95/8021		6/15/2012	CJR	1
1,2,4-Trimethylbenzene	< 25	ug/kg	2.7	8.6	1	GRO95/8021		6/15/2012	CJR	1
1,3,5-Trimethylbenzene	< 25	ug/kg	3	9.6	1	GRO95/8021		6/15/2012	CJR	1
m&p-Xylene	< 50	ug/kg	5.2	17	1	GRO95/8021		6/15/2012	CJR	1
o-Xylene	< 25	ug/kg	6.3	20	1	GRO95/8021		6/15/2012	CJR	1

Project Name HANSON ELECTRIC **Invoice #** E23893
Project #

Lab Code 5023893E
Sample ID B-2-1
Sample Matrix Soil
Sample Date 6/6/2012

	Result	Units	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	85.8	%			1	5021		6/12/2012	MDK	1
Organic										
GRO/PVOC + Naphthalene										
Gasoline Range Organics	< 10	mg/kg	1.6	5.2	1	GRO95/8021		6/15/2012	CJR	1
Benzene	< 25	ug/kg	2.9	9.3	1	GRO95/8021		6/15/2012	CJR	1
Ethylbenzene	< 25	ug/kg	2.6	8.2	1	GRO95/8021		6/15/2012	CJR	1
Methyl tert-butyl ether (MTBE)	< 25	ug/kg	8.1	26	1	GRO95/8021		6/15/2012	CJR	1
Naphthalene	< 25	ug/kg	8.4	27	1	GRO95/8021		6/15/2012	CJR	1
Toluene	< 25	ug/kg	3.6	11	1	GRO95/8021		6/15/2012	CJR	1
1,2,4-Trimethylbenzene	< 25	ug/kg	2.7	8.6	1	GRO95/8021		6/15/2012	CJR	1
1,3,5-Trimethylbenzene	< 25	ug/kg	3	9.6	1	GRO95/8021		6/15/2012	CJR	1
m&p-Xylene	< 50	ug/kg	5.2	17	1	GRO95/8021		6/15/2012	CJR	1
o-Xylene	< 25	ug/kg	6.3	20	1	GRO95/8021		6/15/2012	CJR	1

Lab Code 5023893F
Sample ID B-2-3
Sample Matrix Soil
Sample Date 6/6/2012

	Result	Units	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	91.5	%			1	5021		6/12/2012	MDK	1
Organic										
GRO/PVOC + Naphthalene										
Gasoline Range Organics	< 10	mg/kg	1.6	5.2	1	GRO95/8021		6/15/2012	CJR	1
Benzene	< 25	ug/kg	2.9	9.3	1	GRO95/8021		6/15/2012	CJR	1
Ethylbenzene	< 25	ug/kg	2.6	8.2	1	GRO95/8021		6/15/2012	CJR	1
Methyl tert-butyl ether (MTBE)	< 25	ug/kg	8.1	26	1	GRO95/8021		6/15/2012	CJR	1
Naphthalene	< 25	ug/kg	8.4	27	1	GRO95/8021		6/15/2012	CJR	1
Toluene	< 25	ug/kg	3.6	11	1	GRO95/8021		6/15/2012	CJR	1
1,2,4-Trimethylbenzene	< 25	ug/kg	2.7	8.6	1	GRO95/8021		6/15/2012	CJR	1
1,3,5-Trimethylbenzene	< 25	ug/kg	3	9.6	1	GRO95/8021		6/15/2012	CJR	1
m&p-Xylene	< 50	ug/kg	5.2	17	1	GRO95/8021		6/15/2012	CJR	1
o-Xylene	< 25	ug/kg	6.3	20	1	GRO95/8021		6/15/2012	CJR	1

Lab Code 5023893G
Sample ID B-2-5
Sample Matrix Soil
Sample Date 6/6/2012

	Result	Units	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	94.6	%			1	5021		6/12/2012	MDK	1
Organic										
GRO/PVOC + Naphthalene										
Gasoline Range Organics	< 10	mg/kg	1.6	5.2	1	GRO95/8021		6/15/2012	CJR	1
Benzene	< 25	ug/kg	2.9	9.3	1	GRO95/8021		6/15/2012	CJR	1

Project Name HANSON ELECTRIC **Invoice #** E23893
Project #

Lab Code 5023893G
Sample ID B-2-5
Sample Matrix Soil
Sample Date 6/6/2012

	Result	Units	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Ethylbenzene	< 25	ug/kg	2.6	8.2	1	GRO95/8021		6/15/2012	CJR	1
Methyl tert-butyl ether (MTBE)	< 25	ug/kg	8.1	26	1	GRO95/8021		6/15/2012	CJR	1
Naphthalene	< 25	ug/kg	8.4	27	1	GRO95/8021		6/15/2012	CJR	1
Toluene	< 25	ug/kg	3.6	11	1	GRO95/8021		6/15/2012	CJR	1
1,2,4-Trimethylbenzene	< 25	ug/kg	2.7	8.6	1	GRO95/8021		6/15/2012	CJR	1
1,3,5-Trimethylbenzene	< 25	ug/kg	3	9.6	1	GRO95/8021		6/15/2012	CJR	1
m&p-Xylene	< 50	ug/kg	5.2	17	1	GRO95/8021		6/15/2012	CJR	1
o-Xylene	< 25	ug/kg	6.3	20	1	GRO95/8021		6/15/2012	CJR	1

Lab Code 5023893H
Sample ID B-3-1
Sample Matrix Soil
Sample Date 6/6/2012

	Result	Units	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	90.6	%			1	5021		6/12/2012	MDK	1
Organic										
GRO/PVOC + Naphthalene										
Gasoline Range Organics	11	mg/kg	1.6	5.2	1	GRO95/8021		6/15/2012	CJR	1
Benzene	61	ug/kg	2.9	9.3	1	GRO95/8021		6/15/2012	CJR	1
Ethylbenzene	< 25	ug/kg	2.6	8.2	1	GRO95/8021		6/15/2012	CJR	1
Methyl tert-butyl ether (MTBE)	< 25	ug/kg	8.1	26	1	GRO95/8021		6/15/2012	CJR	1
Naphthalene	< 25	ug/kg	8.4	27	1	GRO95/8021		6/15/2012	CJR	1
Toluene	< 25	ug/kg	3.6	11	1	GRO95/8021		6/15/2012	CJR	1
1,2,4-Trimethylbenzene	106	ug/kg	2.7	8.6	1	GRO95/8021		6/15/2012	CJR	1
1,3,5-Trimethylbenzene	119	ug/kg	3	9.6	1	GRO95/8021		6/15/2012	CJR	1
m&p-Xylene	76	ug/kg	5.2	17	1	GRO95/8021		6/15/2012	CJR	1
o-Xylene	40	ug/kg	6.3	20	1	GRO95/8021		6/15/2012	CJR	1

Lab Code 5023893I
Sample ID B-3-3
Sample Matrix Soil
Sample Date 6/6/2012

	Result	Units	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	92.7	%			1	5021		6/12/2012	MDK	1
Organic										
GRO/PVOC + Naphthalene										
Gasoline Range Organics	< 10	mg/kg	1.6	5.2	1	GRO95/8021		6/15/2012	CJR	1
Benzene	< 25	ug/kg	2.9	9.3	1	GRO95/8021		6/15/2012	CJR	1
Ethylbenzene	< 25	ug/kg	2.6	8.2	1	GRO95/8021		6/15/2012	CJR	1
Methyl tert-butyl ether (MTBE)	< 25	ug/kg	8.1	26	1	GRO95/8021		6/15/2012	CJR	1
Naphthalene	< 25	ug/kg	8.4	27	1	GRO95/8021		6/15/2012	CJR	1
Toluene	< 25	ug/kg	3.6	11	1	GRO95/8021		6/15/2012	CJR	1
1,2,4-Trimethylbenzene	< 25	ug/kg	2.7	8.6	1	GRO95/8021		6/15/2012	CJR	1
1,3,5-Trimethylbenzene	< 25	ug/kg	3	9.6	1	GRO95/8021		6/15/2012	CJR	1
m&p-Xylene	< 50	ug/kg	5.2	17	1	GRO95/8021		6/15/2012	CJR	1
o-Xylene	< 25	ug/kg	6.3	20	1	GRO95/8021		6/15/2012	CJR	1

Project Name HANSON ELECTRIC **Invoice #** E23893
Project #

Lab Code 5023893J
Sample ID B-4-1
Sample Matrix Soil
Sample Date 6/6/2012

	Result	Units	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	91.2	%			1	5021		6/12/2012	MDK	1
Organic										
GRO/PVOC + Naphthalene										
Gasoline Range Organics	< 10	mg/kg	1.6	5.2	1	GRO95/8021		6/15/2012	CJR	1
Benzene	< 25	ug/kg	2.9	9.3	1	GRO95/8021		6/15/2012	CJR	1
Ethylbenzene	< 25	ug/kg	2.6	8.2	1	GRO95/8021		6/15/2012	CJR	1
Methyl tert-butyl ether (MTBE)	< 25	ug/kg	8.1	26	1	GRO95/8021		6/15/2012	CJR	1
Naphthalene	< 25	ug/kg	8.4	27	1	GRO95/8021		6/15/2012	CJR	1
Toluene	< 25	ug/kg	3.6	11	1	GRO95/8021		6/15/2012	CJR	1
1,2,4-Trimethylbenzene	< 25	ug/kg	2.7	8.6	1	GRO95/8021		6/15/2012	CJR	1
1,3,5-Trimethylbenzene	< 25	ug/kg	3	9.6	1	GRO95/8021		6/15/2012	CJR	1
m&p-Xylene	< 50	ug/kg	5.2	17	1	GRO95/8021		6/15/2012	CJR	1
o-Xylene	< 25	ug/kg	6.3	20	1	GRO95/8021		6/15/2012	CJR	1

Lab Code 5023893K
Sample ID B-4-2
Sample Matrix Soil
Sample Date 6/6/2012

	Result	Units	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	92.2	%			1	5021		6/12/2012	MDK	1
Organic										
GRO/PVOC + Naphthalene										
Gasoline Range Organics	< 10	mg/kg	1.6	5.2	1	GRO95/8021		6/15/2012	CJR	1
Benzene	< 25	ug/kg	2.9	9.3	1	GRO95/8021		6/15/2012	CJR	1
Ethylbenzene	< 25	ug/kg	2.6	8.2	1	GRO95/8021		6/15/2012	CJR	1
Methyl tert-butyl ether (MTBE)	< 25	ug/kg	8.1	26	1	GRO95/8021		6/15/2012	CJR	1
Naphthalene	< 25	ug/kg	8.4	27	1	GRO95/8021		6/15/2012	CJR	1
Toluene	< 25	ug/kg	3.6	11	1	GRO95/8021		6/15/2012	CJR	1
1,2,4-Trimethylbenzene	< 25	ug/kg	2.7	8.6	1	GRO95/8021		6/15/2012	CJR	1
1,3,5-Trimethylbenzene	< 25	ug/kg	3	9.6	1	GRO95/8021		6/15/2012	CJR	1
m&p-Xylene	< 50	ug/kg	5.2	17	1	GRO95/8021		6/15/2012	CJR	1
o-Xylene	< 25	ug/kg	6.3	20	1	GRO95/8021		6/15/2012	CJR	1

Lab Code 5023893L
Sample ID B-5-1
Sample Matrix Soil
Sample Date 6/6/2012

	Result	Units	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	93.2	%			1	5021		6/12/2012	MDK	1
Organic										
GRO/PVOC + Naphthalene										
Gasoline Range Organics	< 10	mg/kg	1.6	5.2	1	GRO95/8021		6/15/2012	CJR	1
Benzene	< 25	ug/kg	2.9	9.3	1	GRO95/8021		6/15/2012	CJR	1

Project Name HANSON ELECTRIC **Invoice #** E23893
Project #

Lab Code 5023893L
Sample ID B-5-1
Sample Matrix Soil
Sample Date 6/6/2012

	Result	Units	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Ethylbenzene	< 25	ug/kg	2.6	8.2	1	GRO95/8021		6/15/2012	CJR	1
Methyl tert-butyl ether (MTBE)	< 25	ug/kg	8.1	26	1	GRO95/8021		6/15/2012	CJR	1
Naphthalene	< 25	ug/kg	8.4	27	1	GRO95/8021		6/15/2012	CJR	1
Toluene	< 25	ug/kg	3.6	11	1	GRO95/8021		6/15/2012	CJR	1
1,2,4-Trimethylbenzene	< 25	ug/kg	2.7	8.6	1	GRO95/8021		6/15/2012	CJR	1
1,3,5-Trimethylbenzene	< 25	ug/kg	3	9.6	1	GRO95/8021		6/15/2012	CJR	1
m&p-Xylene	< 50	ug/kg	5.2	17	1	GRO95/8021		6/15/2012	CJR	1
o-Xylene	< 25	ug/kg	6.3	20	1	GRO95/8021		6/15/2012	CJR	1

Lab Code 5023893M
Sample ID B-5-4
Sample Matrix Soil
Sample Date 6/6/2012

	Result	Units	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	93.3	%			1	5021		6/12/2012	MDK	1
Organic										
GRO/PVOC + Naphthalene										
Gasoline Range Organics	< 10	mg/kg	1.6	5.2	1	GRO95/8021		6/15/2012	CJR	1
Benzene	< 25	ug/kg	2.9	9.3	1	GRO95/8021		6/15/2012	CJR	1
Ethylbenzene	< 25	ug/kg	2.6	8.2	1	GRO95/8021		6/15/2012	CJR	1
Methyl tert-butyl ether (MTBE)	< 25	ug/kg	8.1	26	1	GRO95/8021		6/15/2012	CJR	1
Naphthalene	< 25	ug/kg	8.4	27	1	GRO95/8021		6/15/2012	CJR	1
Toluene	< 25	ug/kg	3.6	11	1	GRO95/8021		6/15/2012	CJR	1
1,2,4-Trimethylbenzene	< 25	ug/kg	2.7	8.6	1	GRO95/8021		6/15/2012	CJR	1
1,3,5-Trimethylbenzene	< 25	ug/kg	3	9.6	1	GRO95/8021		6/15/2012	CJR	1
m&p-Xylene	< 50	ug/kg	5.2	17	1	GRO95/8021		6/15/2012	CJR	1
o-Xylene	< 25	ug/kg	6.3	20	1	GRO95/8021		6/15/2012	CJR	1

Lab Code 5023893N
Sample ID B-6-1
Sample Matrix Soil
Sample Date 6/6/2012

	Result	Units	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	95.7	%			1	5021		6/12/2012	MDK	1
Organic										
GRO/PVOC + Naphthalene										
Gasoline Range Organics	< 10	mg/kg	1.6	5.2	1	GRO95/8021		6/16/2012	CJR	1
Benzene	< 25	ug/kg	2.9	9.3	1	GRO95/8021		6/16/2012	CJR	1
Ethylbenzene	< 25	ug/kg	2.6	8.2	1	GRO95/8021		6/16/2012	CJR	1
Methyl tert-butyl ether (MTBE)	< 25	ug/kg	8.1	26	1	GRO95/8021		6/16/2012	CJR	1
Naphthalene	< 25	ug/kg	8.4	27	1	GRO95/8021		6/16/2012	CJR	1
Toluene	< 25	ug/kg	3.6	11	1	GRO95/8021		6/16/2012	CJR	1
1,2,4-Trimethylbenzene	< 25	ug/kg	2.7	8.6	1	GRO95/8021		6/16/2012	CJR	1
1,3,5-Trimethylbenzene	< 25	ug/kg	3	9.6	1	GRO95/8021		6/16/2012	CJR	1
m&p-Xylene	< 50	ug/kg	5.2	17	1	GRO95/8021		6/16/2012	CJR	1
o-Xylene	< 25	ug/kg	6.3	20	1	GRO95/8021		6/16/2012	CJR	1

Project Name HANSON ELECTRIC **Invoice #** E23893
Project #

Lab Code 5023893O
Sample ID B-6-4
Sample Matrix Soil
Sample Date 6/6/2012

	Result	Units	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	97.0	%			1	5021		6/12/2012	MDK	1
Organic										
GRO/PVOC + Naphthalene										
Gasoline Range Organics	< 10	mg/kg	1.6	5.2	1	GRO95/8021		6/16/2012	CJR	1
Benzene	< 25	ug/kg	2.9	9.3	1	GRO95/8021		6/16/2012	CJR	1
Ethylbenzene	< 25	ug/kg	2.6	8.2	1	GRO95/8021		6/16/2012	CJR	1
Methyl tert-butyl ether (MTBE)	< 25	ug/kg	8.1	26	1	GRO95/8021		6/16/2012	CJR	1
Naphthalene	< 25	ug/kg	8.4	27	1	GRO95/8021		6/16/2012	CJR	1
Toluene	< 25	ug/kg	3.6	11	1	GRO95/8021		6/16/2012	CJR	1
1,2,4-Trimethylbenzene	< 25	ug/kg	2.7	8.6	1	GRO95/8021		6/16/2012	CJR	1
1,3,5-Trimethylbenzene	< 25	ug/kg	3	9.6	1	GRO95/8021		6/16/2012	CJR	1
m&p-Xylene	< 50	ug/kg	5.2	17	1	GRO95/8021		6/16/2012	CJR	1
o-Xylene	< 25	ug/kg	6.3	20	1	GRO95/8021		6/16/2012	CJR	1

Lab Code 5023893P
Sample ID TB
Sample Matrix Drinking Water
Sample Date 6/6/2012

	Result	Units	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.24	ug/l	0.24	0.77	1	524.2		6/15/2012	CJR	1
Bromobenzene	< 0.31	ug/l	0.31	0.99	1	524.2		6/15/2012	CJR	1
Bromodichloromethane	< 0.33	ug/l	0.33	1.1	1	524.2		6/15/2012	CJR	1
Bromoform	< 0.33	ug/l	0.33	1.1	1	524.2		6/15/2012	CJR	1
Bromomethane	< 0.61	ug/l	0.61	1.9	1	524.2		6/15/2012	CJR	1
Carbon Tetrachloride	< 0.47	ug/l	0.47	1.5	1	524.2		6/15/2012	CJR	1
Chlorobenzene	< 0.25	ug/l	0.25	0.78	1	524.2		6/15/2012	CJR	1
Chloroethane	< 1.1	ug/l	1.1	3.4	1	524.2		6/15/2012	CJR	1
Chloroform	< 0.39	ug/l	0.39	1.2	1	524.2		6/15/2012	CJR	1
Chloromethane	< 0.32	ug/l	0.32	1	1	524.2		6/15/2012	CJR	1
2-Chlorotoluene	< 0.3	ug/l	0.3	0.94	1	524.2		6/15/2012	CJR	1
4-Chlorotoluene	< 0.25	ug/l	0.25	0.78	1	524.2		6/15/2012	CJR	1
Dibromochloromethane	< 0.39	ug/l	0.39	1.3	1	524.2		6/15/2012	CJR	1
Dibromomethane	< 0.21	ug/l	0.21	0.66	1	524.2		6/15/2012	CJR	1
1,4-Dichlorobenzene	< 0.33	ug/l	0.33	1	1	524.2		6/15/2012	CJR	1
1,3-Dichlorobenzene	< 0.12	ug/l	0.12	0.38	1	524.2		6/15/2012	CJR	1
1,2-Dichlorobenzene	< 0.22	ug/l	0.22	0.7	1	524.2		6/15/2012	CJR	1
Dichlorodifluoromethane	< 0.34	ug/l	0.34	1.1	1	524.2		6/15/2012	CJR	1
1,2-Dichloroethane	< 0.3	ug/l	0.3	0.96	1	524.2		6/15/2012	CJR	1
1,1-Dichloroethane	< 0.38	ug/l	0.38	1.2	1	524.2		6/15/2012	CJR	1
1,1-Dichloroethene	< 0.37	ug/l	0.37	1.2	1	524.2		6/15/2012	CJR	1
cis-1,2-Dichloroethene	< 0.42	ug/l	0.42	1.3	1	524.2		6/15/2012	CJR	1
trans-1,2-Dichloroethene	< 0.38	ug/l	0.38	1.2	1	524.2		6/15/2012	CJR	1
1,2-Dichloropropane	< 0.35	ug/l	0.35	1.1	1	524.2		6/15/2012	CJR	1
2,2-Dichloropropane	< 1.9	ug/l	1.9	5.9	1	524.2		6/15/2012	CJR	1
1,3-Dichloropropane	< 0.21	ug/l	0.21	0.66	1	524.2		6/15/2012	CJR	1
trans-1,3-Dichloropropene	< 0.37	ug/l	0.37	1.2	1	524.2		6/15/2012	CJR	1
cis-1,3-Dichloropropene	< 0.25	ug/l	0.25	0.78	1	524.2		6/15/2012	CJR	1

Project Name HANSON ELECTRIC **Invoice #** E23893
Project #

Lab Code 5023893P
Sample ID TB
Sample Matrix Drinking Water
Sample Date 6/6/2012

	Result	Units	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,1-Dichloropropene	< 0.2	ug/l	0.2	0.64	1	524.2		6/15/2012	CJR	1
Ethylbenzene	< 0.27	ug/l	0.27	0.85	1	524.2		6/15/2012	CJR	1
Hexachlorobutadiene	< 0.31	ug/l	0.31	0.98	1	524.2		6/15/2012	CJR	1
Isopropylbenzene	< 0.26	ug/l	0.26	0.82	1	524.2		6/15/2012	CJR	1
p-Isopropyltoluene	< 0.39	ug/l	0.39	1.3	1	524.2		6/15/2012	CJR	1
Methylene chloride	< 0.33	ug/l	0.33	1.1	1	524.2		6/15/2012	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.38	ug/l	0.38	1.2	1	524.2		6/15/2012	CJR	1
Naphthalene	< 0.34	ug/l	0.34	1.1	1	524.2		6/15/2012	CJR	1
Styrene	< 0.16	ug/l	0.16	0.5	1	524.2		6/15/2012	CJR	1
1,1,2,2-Tetrachloroethane	< 0.24	ug/l	0.24	0.76	1	524.2		6/15/2012	CJR	1
1,1,1,2-Tetrachloroethane	< 0.39	ug/l	0.39	1.3	1	524.2		6/15/2012	CJR	1
Tetrachloroethene	< 0.4	ug/l	0.4	1.3	1	524.2		6/15/2012	CJR	1
Toluene	< 0.39	ug/l	0.39	1.2	1	524.2		6/15/2012	CJR	1
1,2,4-Trichlorobenzene	< 0.14	ug/l	0.14	0.45	1	524.2		6/15/2012	CJR	1
1,1,1-Trichloroethane	< 0.4	ug/l	0.4	1.3	1	524.2		6/15/2012	CJR	1
1,1,2-Trichloroethane	< 0.39	ug/l	0.39	1.3	1	524.2		6/15/2012	CJR	1
Trichloroethene (TCE)	< 0.4	ug/l	0.4	1.3	1	524.2		6/15/2012	CJR	1
Trichlorofluoromethane	< 0.38	ug/l	0.38	1.2	1	524.2		6/15/2012	CJR	1
1,2,3-Trichloropropane	< 0.57	ug/l	0.57	1.8	1	524.2		6/15/2012	CJR	1
Trichlorotrifluoroethane	< 0.3	ug/l	0.3	0.96	1	524.2		6/15/2012	CJR	1
1,2,4-Trimethylbenzene	< 0.15	ug/l	0.15	0.47	1	524.2		6/15/2012	CJR	1
1,3,5-Trimethylbenzene	< 0.092	ug/l	0.092	0.29	1	524.2		6/15/2012	CJR	1
Vinyl Chloride	< 0.18	ug/l	0.18	0.56	1	524.2		6/15/2012	CJR	1
m&p-Xylene	< 0.65	ug/l	0.65	2.1	1	524.2		6/15/2012	CJR	1
o-Xylene	< 0.32	ug/l	0.32	1	1	524.2		6/15/2012	CJR	1

Lab Code 5023893Q
Sample ID POTABLE WELL
Sample Matrix Drinking Water
Sample Date 6/6/2012

	Result	Units	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.24	ug/l	0.24	0.77	1	524.2		6/15/2012	CJR	1
Bromobenzene	< 0.31	ug/l	0.31	0.99	1	524.2		6/15/2012	CJR	1
Bromodichloromethane	< 0.33	ug/l	0.33	1.1	1	524.2		6/15/2012	CJR	1
Bromoform	< 0.33	ug/l	0.33	1.1	1	524.2		6/15/2012	CJR	1
Bromomethane	< 0.61	ug/l	0.61	1.9	1	524.2		6/15/2012	CJR	1
Carbon Tetrachloride	< 0.47	ug/l	0.47	1.5	1	524.2		6/15/2012	CJR	1
Chlorobenzene	< 0.25	ug/l	0.25	0.78	1	524.2		6/15/2012	CJR	1
Chloroethane	< 1.1	ug/l	1.1	3.4	1	524.2		6/15/2012	CJR	1
Chloroform	< 0.39	ug/l	0.39	1.2	1	524.2		6/15/2012	CJR	1
Chloromethane	< 0.32	ug/l	0.32	1	1	524.2		6/15/2012	CJR	1
2-Chlorotoluene	< 0.3	ug/l	0.3	0.94	1	524.2		6/15/2012	CJR	1
4-Chlorotoluene	< 0.25	ug/l	0.25	0.78	1	524.2		6/15/2012	CJR	1
Dibromochloromethane	< 0.39	ug/l	0.39	1.3	1	524.2		6/15/2012	CJR	1
Dibromomethane	< 0.21	ug/l	0.21	0.66	1	524.2		6/15/2012	CJR	1
1,4-Dichlorobenzene	< 0.33	ug/l	0.33	1	1	524.2		6/15/2012	CJR	1
1,3-Dichlorobenzene	< 0.12	ug/l	0.12	0.38	1	524.2		6/15/2012	CJR	1
1,2-Dichlorobenzene	< 0.22	ug/l	0.22	0.7	1	524.2		6/15/2012	CJR	1
Dichlorodifluoromethane	< 0.34	ug/l	0.34	1.1	1	524.2		6/15/2012	CJR	1
1,2-Dichloroethane	< 0.3	ug/l	0.3	0.96	1	524.2		6/15/2012	CJR	1

Project Name HANSON ELECTRIC **Invoice #** E23893
Project #

Lab Code 5023893Q
Sample ID POTABLE WELL
Sample Matrix Drinking Water
Sample Date 6/6/2012

	Result	Units	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,1-Dichloroethane	< 0.38	ug/l	0.38	1.2	1	524.2		6/15/2012	CJR	1
1,1-Dichloroethene	< 0.37	ug/l	0.37	1.2	1	524.2		6/15/2012	CJR	1
cis-1,2-Dichloroethene	< 0.42	ug/l	0.42	1.3	1	524.2		6/15/2012	CJR	1
trans-1,2-Dichloroethene	< 0.38	ug/l	0.38	1.2	1	524.2		6/15/2012	CJR	1
1,2-Dichloropropane	< 0.35	ug/l	0.35	1.1	1	524.2		6/15/2012	CJR	1
2,2-Dichloropropane	< 1.9	ug/l	1.9	5.9	1	524.2		6/15/2012	CJR	1
1,3-Dichloropropane	< 0.21	ug/l	0.21	0.66	1	524.2		6/15/2012	CJR	1
trans-1,3-Dichloropropene	< 0.37	ug/l	0.37	1.2	1	524.2		6/15/2012	CJR	1
cis-1,3-Dichloropropene	< 0.25	ug/l	0.25	0.78	1	524.2		6/15/2012	CJR	1
1,1-Dichloropropene	< 0.2	ug/l	0.2	0.64	1	524.2		6/15/2012	CJR	1
Ethylbenzene	< 0.27	ug/l	0.27	0.85	1	524.2		6/15/2012	CJR	1
Hexachlorobutadiene	< 0.31	ug/l	0.31	0.98	1	524.2		6/15/2012	CJR	1
Isopropylbenzene	< 0.26	ug/l	0.26	0.82	1	524.2		6/15/2012	CJR	1
p-Isopropyltoluene	< 0.39	ug/l	0.39	1.3	1	524.2		6/15/2012	CJR	1
Methylene chloride	< 0.33	ug/l	0.33	1.1	1	524.2		6/15/2012	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.38	ug/l	0.38	1.2	1	524.2		6/15/2012	CJR	1
Naphthalene	< 0.34	ug/l	0.34	1.1	1	524.2		6/15/2012	CJR	1
Styrene	< 0.16	ug/l	0.16	0.5	1	524.2		6/15/2012	CJR	1
1,1,2,2-Tetrachloroethane	< 0.24	ug/l	0.24	0.76	1	524.2		6/15/2012	CJR	1
1,1,1,2-Tetrachloroethane	< 0.39	ug/l	0.39	1.3	1	524.2		6/15/2012	CJR	1
Tetrachloroethene	< 0.4	ug/l	0.4	1.3	1	524.2		6/15/2012	CJR	1
Toluene	< 0.39	ug/l	0.39	1.2	1	524.2		6/15/2012	CJR	1
1,2,4-Trichlorobenzene	< 0.14	ug/l	0.14	0.45	1	524.2		6/15/2012	CJR	1
1,1,1-Trichloroethane	< 0.4	ug/l	0.4	1.3	1	524.2		6/15/2012	CJR	1
1,1,2-Trichloroethane	< 0.39	ug/l	0.39	1.3	1	524.2		6/15/2012	CJR	1
Trichloroethene (TCE)	< 0.4	ug/l	0.4	1.3	1	524.2		6/15/2012	CJR	1
Trichlorofluoromethane	< 0.38	ug/l	0.38	1.2	1	524.2		6/15/2012	CJR	1
1,2,3-Trichloropropane	< 0.57	ug/l	0.57	1.8	1	524.2		6/15/2012	CJR	1
Trichlorotrifluoroethane	< 0.3	ug/l	0.3	0.96	1	524.2		6/15/2012	CJR	1
1,2,4-Trimethylbenzene	< 0.15	ug/l	0.15	0.47	1	524.2		6/15/2012	CJR	1
1,3,5-Trimethylbenzene	< 0.092	ug/l	0.092	0.29	1	524.2		6/15/2012	CJR	1
Vinyl Chloride	< 0.18	ug/l	0.18	0.56	1	524.2		6/15/2012	CJR	1
m&p-Xylene	< 0.65	ug/l	0.65	2.1	1	524.2		6/15/2012	CJR	1
o-Xylene	< 0.32	ug/l	0.32	1	1	524.2		6/15/2012	CJR	1

"J" Flag: Analyte detected between LOD and LOQ LOD Limit of Detection LOQ Limit of Quantitation

Code	*Comment*
1	Laboratory QC within limits.

All solid sample results reported on a dry weight basis unless otherwise indicated. All LOD's and LOQ's are adjusted for dilutions but not dry weight. Subcontracted results are denoted by SUB in the analyst field.

Authorized Signature Michael J. Ricker

CHAIN OF CUSTODY RECORD

Synergy
Environmental Lab, Inc.
1990 Prospect Ct. • Appleton, WI 54914
920-830-2455 • FAX 920-733-0631

Chain # No 1108
Page 1 of 2

Sample Handling Request
___ Rush Analysis Date Required ____
(Rushes accepted only with prior authorization)
X Normal Turn Around

Lab I.D. #
Account No. : Quote No.:
Project #:
Sampler: (signature) E Van

Project (Name / Location): Hanson Electric

Reports To: Arlan Hanson	Invoice To: Jason Powell c/o Arlan Hanson
Company	Company METCO
Address P.O. Box 98	Address 709 Gillette St, Suite 3
City State Zip Osceola WI 54020	City State Zip La Crosse, WI 54603
Phone (715) 294-3119	Phone (608) 781-8879
FAX	FAX 8893

Lab I.D.	Sample I.D.	Collection Date	Collection Time	Comp	Grab	Filtered Y/N	No. of Containers	Sample Type (Matrix)*	Preservation
502385A	Meth Blank	6/6/12					1		MEOH
B	B-1-1		8:55		X		2	S	
C	B-1-3		9:05						
D	B-1-5		9:20						
E	B-2-1		9:40						
F	B-2-3		9:50						
G	B-2-5		10:00						
H	B-3-1		10:15						
I	B-3-3		10:20						
J	B-4-1		11:05						

Analysis Requested / Other Analysis

	DRO (Mod DRO Sep 95)	GRO (Mod GRO Sep 95)	IRON	LEAD	NITRATE / NITRITE	PAH (EPA 8270)	PVOC (EPA 8021)	PVOC + NAPHTHALENE	SULFATE	VOC DW (EPA 524.2)	VOC (EPA 8260)	8-RCRA METALS	PID/ FID
502385A		X						X			X		
B								X			X		
C								X					
D													
E													
F													
G													
H													
I													
J													

Comments/Special Instructions (*Specify groundwater "GW", Drinking Water "DW", Waste Water "WW", Soil "S", Air "A", Oil, Sludge etc.)
Lab to send copy of report to METCO.
UEC Rates Agent Status
Meth Blank – PVOC+Naph, GRO
B-1-1 – VOC, GRO
ED

Sample Integrity - To be completed by receiving lab.
Method of Shipment : Courier
Temp. of Temp. Blank. ____ °C On Ice: X
Cooler seal intact upon receipt: X Yes ____ No

Relinquished By: (sign)	Time	Date	Received By: (sign)	Time	Date
E Van	12:00	6/5/12			

Received in Laboratory By: [signature] Time: 10:00 Date: 6/9/12

CHAIN OF CUSTODY RECORD

Synergy
Environmental Lab, Inc.
1990 Prospect Ct. • Appleton, WI 54914
920-830-2455 • FAX 920-733-0631

Chain # No 1109
Page 2 of 2

Sample Handling Request
___ Rush Analysis Date Required ____
(Rushes accepted only with prior authorization)
X Normal Turn Around

Lab I.D. #
Account No. : Quote No.:
Project #:
Sampler: (signature)
Project (Name / Location): Hansen Electric
Reports To: See Page 1 Invoice To:

Company	Company
Address	Address
City State Zip	City State Zip
Phone	Phone
FAX	FAX

Lab I.D.	Sample I.D.	Collection Date	Collection Time	Comp	Grab	Filtered Y/N	No. of Containers	Sample Type (Matrix)*	Preservation	DRO (Mod DRO Sep 95)	GRO (Mod GRO Sep 95)	IRON	LEAD	NITRATE / NITRITE	PAH (EPA 8270)	PVOC (EPA 8021)	PVOC + NAPHTHALENE	SULFATE	VOC DW (EPA 524.2)	VOC (EPA 8260)	8-RCRA METALS	PID/ FID
502383k	B-4-2	6/6/12	10:15		X		2	S	MEOH		X						X					
L	B-5-1		11:30																			
M	B-5-4		11:50																			
N	B-6-1		12:00																			
O	B-6-4		12:10																			
P	Trip Blank						1		HCl										X			
Q	Potable well		12:45		X	N	3	DW	HCl										X			

Analysis Requested — Other Analysis

Comments/Special Instructions ("Specify groundwater "GW", Drinking Water "DW", Waste Water "WW", Soil "S", Air "A", Oil, Sludge etc.)

Sample Integrity - To be completed by receiving lab.
Method of Shipment :
Temp. of Temp. Blank. ____ °C On Ice: X
Cooler seal intact upon receipt: X Yes ____ No

Relinquished By: (sign)	Time	Date	Received By: (sign)	Time	Date
	12:00	6/8/12			

Received in Laboratory By: Time: 10:00 Date: 6/9/12

APPENDIX C/ WELL AND BOREHOLE DOCUMENTATION

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

Route To: Watershed / Wastewater: Waste Management:
Remediation / Redevelopment: X Other:

Facility / Project Name	License / Permit / Monitoring Number	Boring Number
Hanson Electric		B-1

Boring Drilled By: Name of crew chief (first, last) and Firm	Drilling Date Started	Drilling Date Completed	Drilling Method
First: Craig Last: Plant Firm: Ground Source	6-6-12 MM/ DD/ YYYY	6-6-12 MM /DD/ YYYY	HSA

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			Feet MSL	Feet MSL	6"

Local Grid Origin (estimated X) or Boring Location		Local Grid Location
State Plane N, E	Lat ° ' "	N E
SW ¼ of SE ¼ of Section 34, T 33 N, R 19 W	Long ° ' "	Feet S Feet W

Facility ID	County	County Code	Civil Town / City / Village
None	Polk	49	Osceola

Sample					Soil Properties									
Number & Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	Soil / Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID / FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD / Comments
B-1-1 2-4 ft	6 24		2	Tan sandy clay	CL			15		M				Slight petro odor
B-1-2 4-6 ft	12 24		4	Tan sand and pieces of dolomite	SP			0		D				No petro odor
B-1-3 6-8 ft	6 24		6					0		D				No petro odor
B-1-4 8-10 ft	2 24		8	Gray sand and pieces of dolomite	SP			0		D				No petro odor
B-1-5 10-11 ft	6 12		10	Tan sand and pieces of dolomite	SP									
			12	EOB at 11 feet, sampling complete. Borehole abandoned.										
			14											
			16											
			18											
			20											
			22											
			24											

I hereby certify that the information on this form is true and correct to the best of my knowledge

Signature: Troy Moseley Firm: METCO

This form is authorized by Chapters 281, 283, 289, 291, 292, 293, 295 and 299, Wis. Stats. Completion of this form is mandatory. Failure to file this form may result in forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

Route To: Watershed / Wastewater: Waste Management:
Remediation / Redevelopment: X Other:

Facility / Project Name	License / Permit / Monitoring Number	Boring Number
Hanson Electric		B-2

Boring Drilled By: Name of crew chief (first, last) and Firm	Drilling Date Started	Drilling Date Completed	Drilling Method
First: Craig Last: Plant Firm: Ground Source	6-6-12 MM/ DD/ YYYY	6-6-12 MM /DD/ YYYY	HSA

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			Feet MSL	Feet MSL	6"

Local Grid Origin (estimated X) or Boring Location
State Plane N, E
SW ¼ of SE ¼ of Section 34, T 33 N, R 19 W

Lat ° ' "
Long ° ' "

Local Grid Location
N E
Feet S Feet W

Facility ID	County	County Code	Civil Town / City / Village
None	Polk	49	Osceola

Sample Number & Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	Soil / Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	Soil Properties: PID / FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD / Comments
B-2-1 2-4 ft	18 24		2	Brown sandy clay with gravel	CL			0		M				No petro odor
B-2-2 4-6 ft	12 24		4	Gray med. to coarse grained sand with gravel and cobbles	SP			0		M				No petro odor
B-2-3 6-8 ft	18 24		6	Tan med. to coarse grained sand with gravel	SP			0		M				No petro odor
B-2-4 8-10 ft	6 24		8	Tan weathered dolomite	RX			0		D				No petro odor
B-2-5 10-11 ft	6 12		10	Gray weathered dolomite Tan weathered dolomite	RX RX			0		D				No petro odor
			12	EOB at 11 feet, sampling complete. Borehole abandoned.										
			14											
			16											
			18											
			20											
			22											
			24											

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State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

Route To: Watershed / Wastewater: Waste Management:
Remediation / Redevelopment: X Other:

Facility / Project Name	License / Permit / Monitoring Number	Boring Number
Hanson Electric		B-3

Boring Drilled By: Name of crew chief (first, last) and Firm	Drilling Date Started	Drilling Date Completed	Drilling Method
First: Craig Last: Plant Firm: Ground Source	6-6-12 MM/ DD/ YYYY	6-6-12 MM /DD/ YYYY	HSA

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			Feet MSL	Feet MSL	6"

Local Grid Origin (estimated X) or Boring Location		Local Grid Location
State Plane N, E	Lat ° ' "	N E
SW ¼ of SE ¼ of Section 34, T33 N, R19W	Long ° ' "	Feet S Feet W

Facility ID	County	County Code	Civil Town / City / Village
None	Polk	49	Osceola

Sample: Number & Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	Soil / Rock Description And Geologic Origin For Each Major Unit	Soil Properties: USCS	Graphic Log	Well Diagram	PID / FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD / Comments
B-3-1 2-4 ft	16 24		2	Brown sandy clay with gravel	CL			0		M				No petro odor
B-3-2 4-6 ft	14 24		4					0		M				No petro odor
B-3-3 6-7 ft	6 24		6	Tan weathered dolomite	RX			0		D				No petro odor
			8	EOB at 7 feet, auger refusal. Borehole abandoned.										
			10											
			12											
			14											
			16											
			18											
			20											
			22											
			24											

I hereby certify that the information on this form is true and correct to the best of my knowledge

Signature: Troy Moseley Firm: METCO

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

Route To: Watershed / Wastewater: Waste Management:
Remediation / Redevelopment: X Other:

Facility / Project Name	License / Permit / Monitoring Number	Boring Number
Hanson Electric		B-4

Boring Drilled By: Name of crew chief (first, last) and Firm	Drilling Date Started	Drilling Date Completed	Drilling Method
First: Craig Last: Plant Firm: Ground Source	6-6-12 MM/ DD/ YYYY	6-6-12 MM /DD/ YYYY	HSA

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			Feet MSL	Feet MSL	6"

Local Grid Origin (estimated X) or Boring Location		Local Grid Location	
State Plane N, E	Lat ° ' "	N	E
SW ¼ of SE ¼ of Section 34, T 33 N, R 19 W	Long ° ' "	Feet S	Feet W

Facility ID	County	County Code	Civil Town / City / Village
None	Polk	49	Osceola

Sample					Soil Properties										
Number & Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	Soil / Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID / FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD / Comments
B-4-1 2-4 ft	12 24		2	Brown sandy clay with gravel	CL			0		M				No petro odor
B-4-2 4-6 ft	14 24		4	Brown med. to coarse grained sand with gravel and cobbles	SP			0		M				No petro odor
			6	EOB at 6 feet, auger refusal. Borehole abandoned.										
			8											
			10											
			12											
			14											
			16											
			18											
			20											
			22											
			24											

I hereby certify that the information on this form is true and correct to the best of my knowledge

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State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

Route To: Watershed / Wastewater: Waste Management:
Remediation / Redevelopment: X Other:

Facility / Project Name	License / Permit / Monitoring Number	Boring Number
Hanson Electric		B-5

Boring Drilled By: Name of crew chief (first, last) and Firm	Drilling Date Started	Drilling Date Completed	Drilling Method
First: Craig Last: Plant Firm: Ground Source	6-6-12 MM/ DD/ YYYY	6-6-12 MM /DD/ YYYY	HSA

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			Feet MSL	Feet MSL	6"

Local Grid Origin (estimated X) or Boring Location
State Plane N, E
SW ¼ of SE ¼ of Section 34, T33 N, R 19W

Lat ° ' "
Long ° ' "

Local Grid Location
N E
Feet S Feet W

Facility ID	County	County Code	Civil Town / City / Village
None	Polk	49	Osceola

Sample Number & Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	Soil / Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	Soil Properties: PID / FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD / Comments
B-5-1 2-4 ft	12 24		2	Brown clayey sand with gravel and cobbles	CL			0		M				No petro odor
B-5-2 4-6 ft	14 24		4	Tan to gray weathered dolomite	RX			0		D				No petro odor
B-5-3 6-8 ft	0 24		6	No recovery										
B-5-4 8-8.5 ft	4 6		8	Gray weathered dolomite	RX			0		D				No petro odor
			10	EOB at 8.5 feet, auger refusal. Borehole abandoned.										
			12											
			14											
			16											
			18											
			20											
			22											
			24											

I hereby certify that the information on this form is true and correct to the best of my knowledge

Signature: Troy Moseley Firm: METCO

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State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

Route To: Watershed / Wastewater: Waste Management:
Remediation / Redevelopment: X Other:

Facility / Project Name	License / Permit / Monitoring Number	Boring Number
Hanson Electric		B-6

Boring Drilled By: Name of crew chief (first, last) and Firm	Drilling Date Started	Drilling Date Completed	Drilling Method
First: Craig Last: Plant Firm: Ground Source	6-6-12 MM/ DD/ YYYY	6-6-12 MM /DD/ YYYY	HSA

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			Feet MSL	Feet MSL	6"

Local Grid Origin (estimated X) or Boring Location
State Plane N, E
SW ¼ of SE ¼ of Section 34, T33 N, R 19 W

Lat ° ' "
Long ° ' "

Local Grid Location
N E
Feet S Feet W

Facility ID	County	County Code	Civil Town / City / Village
None	Polk	49	Osceola

Sample / Soil Properties

Number & Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	Soil / Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID / FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD / Comments
B-6-1 2-4 Ft	20 24		2	Brown sandy clay with gravel	CL			0		M				No petro odor
			4	Tan weathered dolomite	RX									
B-6-2 4-6 Ft	12 24							0		M				No petro odor
			6	Orange weathered dolomite	RX									
B-6-3 6-8 Ft	2 24							0		M				No petro odor
			8	Tan weathered dolomite	RX									
B-6-4 8-9 Ft	2 12							0		D				No petro odor
			10	EOB at 9 feet, auger refusal. Borehole abandoned.										
			12											
			14											
			16											
			18											
			20											
			22											
			24											

I hereby certify that the information on this form is true and correct to the best of my knowledge

Signature: Troy Moseley Firm: METCO

State of Wis., Dept. of Natural Resources
dnr.wi.gov

Well / Drillhole / Borehole Filling & Sealing

Form 3300-005 (R 4/08) Page 1 of

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between $10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Retur form to the appropriate DNR office and bureau. See instructions on reverse for more information.

☐ Verification Only of Fill and Seal

Route to:
☐ Drinking Water ☐ Watershed/Wastewater ☐ Remediation/Redevelopme
☐ Waste Management ☐ Other: _____

1. Well Location Information

County	WI Unique Well # of Removed Well	~~Hicap #~~
Polk		B-1

Lattitude / Longitude (Degrees and Minutes) — Method Code (see instructions)

__ __ ° __ __ . __ __ __ __ ' N
__ __ ° __ __ . __ __ __ __ ' W

¼ / ¼	¼	Section	Township	Range
or Gov't Lot #			N	☐ E ☐ W

Well Street Address: 613 STH 35

Well City, Village or Town: Osceola — Well ZIP Code:

Subdivision Name — Lot #

Reason For Removal From Service: Sampling Complete — WI Unique Well # of Replacement Well

2. Facility / Owner Information

Facility Name: Hansen Electric

Facility ID (FID or PWS)

License/Permit/Monitoring #

Original Well Owner

Present Well Owner

Mailing Address of Present Owner

City of Present Owner — State — ZIP Code

3. Well / Drillhole / Borehole Information

☐ Monitoring Well
☐ Water Well
☒ ~~Borehole~~ / Drillhole

Original Construction Date (mm/dd/yyyy): 6-6-12

If a Well Construction Report is available, please attach.

Construction Type:
☒ ~~Drilled~~ ☐ Driven (Sandpoint) ☐ Dug
☐ Other (specify): _____

Formation Type:
☒ ~~Unconsolidated~~ Formation ☐ Bedrock

Total Well Depth From Ground Surface (ft.)	Casing Diameter (in.)
11	—
Lower Drillhole Diameter (in.)	**Casing Depth (ft.)**
6	—

Was well annular space grouted? ☐ Yes ☐ No ☐ Unknown

If yes, to what depth (feet)?	Depth to Water (feet)
—	

4. Pump, Liner, Screen, Casing & Sealing Material

Pump and piping removed?	☐ Yes	☐ No	☒ N
Liner(s) removed?	☐ Yes	☐ No	☒ N
Screen removed?	☐ Yes	☐ No	☒ N
Casing left in place?	☐ Yes	☐ No	☒ N
Was casing cut off below surface?	☐ Yes	☐ No	☒ N
Did sealing material rise to surface?	☒ Yes	☐ No	☐ N
Did material settle after 24 hours?	☐ Yes	☒ No	☐ N
If yes, was hole retopped?	☐ Yes	☐ No	☒ N
If bentonite chips were used, were they hydrated with water from a known safe source?	☒ Yes	☐ No	☐ N

Required Method of Placing Sealing Material
☐ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☒ ~~Screened~~ & Poured (Bentonite Chips) ☐ Other (Explain): _____

Sealing Materials
☐ Neat Cement Grout ☐ Clay-Sand Slurry (11 lb./gal. w
☐ Sand-Cement (Concrete) Grout ☐ Bentonite-Sand Slurry " "
☐ Concrete ☐ Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only:
☒ ~~Bentonite~~ Chips ☐ Bentonite - Cement Grout
☐ Granular Bentonite ☐ Bentonite - Sand Slurry

5. Material Used To Fill Well / Drillhole

	From (ft.)	To (ft.)	No. Yards, ~~Sacks~~ Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Bentonite	Surface	11	3.5	

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing (mm/dd/yyyy)
GroundSource	4462	6-6-12

Street or Route	Telephone Number
3671 Monroe Rd	(920) 337-9600

City	State	ZIP Code	Signature of Person Doing Work	Date Signed
De Pere	WI	54115		

DNR Use Only

Date Received	Noted By

Comments

State of Wis., Dept. of Natural Resources
dnr.wi.gov

Well / Drillhole / Borehole Filling & Sealing

Form 3300-005 (R 4/08) Page 1 of

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☐ Verification Only of Fill and Seal

Route to:
☐ Drinking Water ☐ Watershed/Wastewater ☐ Remediation/Redevelopmer
☐ Waste Management ☐ Other: _____

1. Well Location Information

County: Pol/K
WI Unique Well # of Removed Well:
~~Hicap #~~: B-2
Lattitude / Longitude (Degrees and Minutes): __ __ ° __ __ . __ __ __ 'N / __ __ ° __ __ . __ __ __ 'W
Method Code (see instructions):
¼ / ¼ | ¼ | Section | Township N | Range ☐ E ☐ W
or Gov't Lot #
Well Street Address: 613 STH 35
Well City, Village or Town: Osceola
Well ZIP Code:
Subdivision Name:
Lot #:
Reason For Removal From Service: Sampling Complete
WI Unique Well # of Replacement Well:

2. Facility / Owner Information

Facility Name: Hansen Electric
Facility ID (FID or PWS):
License/Permit/Monitoring #:
Original Well Owner:
Present Well Owner:
Mailing Address of Present Owner:
City of Present Owner | State | ZIP Code

3. Well / Drillhole / Borehole Information

☐ Monitoring Well
☐ Water Well
☒ Borehole / Drillhole
Original Construction Date (mm/dd/yyyy): 6-6-12
If a Well Construction Report is available, please attach.

Construction Type:
☒ Drilled ☐ Driven (Sandpoint) ☐ Dug
☐ Other (specify): _____

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth From Ground Surface (ft.): 11
Casing Diameter (in.): —
Lower Drillhole Diameter (in.): 6
Casing Depth (ft.): —

Was well annular space grouted? ☐ Yes ☐ No ☐ Unknown
If yes, to what depth (feet)? —
Depth to Water (feet):

4. Pump, Liner, Screen, Casing & Sealing Material

Pump and piping removed?	☐ Yes	☐ No	☒ N
Liner(s) removed?	☐ Yes	☐ No	☒ N
Screen removed?	☐ Yes	☐ No	☒ N
Casing left in place?	☐ Yes	☐ No	☒ N
Was casing cut off below surface?	☐ Yes	☐ No	☒ N
Did sealing material rise to surface?	☒ Yes	☐ No	☐ N
Did material settle after 24 hours?	☐ Yes	☒ No	☐ N
If yes, was hole retopped?	☐ Yes	☐ No	☒ N
If bentonite chips were used, were they hydrated with water from a known safe source?	☒ Yes	☐ No	☐ N

Required Method of Placing Sealing Material
☐ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☒ Screened & Poured (Bentonite Chips) ☐ Other (Explain): _____

Sealing Materials
☐ Neat Cement Grout ☐ Clay-Sand Slurry (11 lb./gal. w
☐ Sand-Cement (Concrete) Grout ☐ Bentonite-Sand Slurry " "
☐ Concrete ☐ Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only:
☒ Bentonite Chips ☐ Bentonite - Cement Grout
☐ Granular Bentonite ☐ Bentonite - Sand Slurry

5. Material Used To Fill Well / Drillhole

	From (ft.)	To (ft.)	No. Yards, Sacks, Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Bentonite	Surface	11	3.5	

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing (mm/dd/yyyy)
GroundSource	4462	6-6-12

Street or Route: 3671 Monroe Rd
Telephone Number: (920) 337-9600
City: De Pere | State: WI | ZIP Code: 54115
Signature of Person Doing Work:
Date Signed:

DNR Use Only
Date Received | Noted By
Comments

State of Wis., Dept. of Natural Resources
dnr.wi.gov

Well / Drillhole / Borehole Filling & Sealing

Form 3300-005 (R 4/08) Page 1 of

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☐ Verification Only of Fill and Seal

Route to: ☐ Drinking Water ☐ Watershed/Wastewater ☐ Remediation/Redevelopmer ☐ Waste Management ☐ Other:

1. Well Location Information

County	WI Unique Well # of Removed Well	~~Hicap #~~
Pd/K		B-3

Latitude / Longitude (Degrees and Minutes) ___ ___ ° ___ ___ . ___ ___ ___ 'N / ___ ___ ° ___ ___ . ___ ___ ___ 'W

Method Code (see instructions)

¼ / ¼ or Gov't Lot #	¼	Section	Township	Range
			N	☐ E ☐ W

Well Street Address: 613 STH 35

Well City, Village or Town: Osceola

Well ZIP Code:

Subdivision Name:

Lot #:

Reason For Removal From Service: Sampling Complete

WI Unique Well # of Replacement Well:

2. Facility / Owner Information

Facility Name: Hanson Electric

Facility ID (FID or PWS):

License/Permit/Monitoring #:

Original Well Owner:

Present Well Owner:

Mailing Address of Present Owner:

City of Present Owner | State | ZIP Code

3. Well / Drillhole / Borehole Information

☐ Monitoring Well ☐ Water Well ☒ ~~Borehole / Drillhole~~

Original Construction Date (mm/dd/yyyy): 6-6-12

If a Well Construction Report is available, please attach.

Construction Type: ☒ ~~Drilled~~ ☐ Driven (Sandpoint) ☐ Dug ☐ Other (specify):

Formation Type: ☒ ~~Unconsolidated Formation~~ ☐ Bedrock

Total Well Depth From Ground Surface (ft.): 7

Casing Diameter (in.):

Lower Drillhole Diameter (in.): 6

Casing Depth (ft.):

Was well annular space grouted? ☐ Yes ☐ No ☐ Unknown

If yes, to what depth (feet)?

Depth to Water (feet)

4. Pump, Liner, Screen, Casing & Sealing Material

Pump and piping removed?	☐ Yes	☐ No	☒ N
Liner(s) removed?	☐ Yes	☐ No	☒ N
Screen removed?	☐ Yes	☐ No	☒ N
Casing left in place?	☐ Yes	☐ No	☒ N
Was casing cut off below surface?	☐ Yes	☐ No	☒ N
Did sealing material rise to surface?	☒ Yes	☐ No	☐ N
Did material settle after 24 hours?	☐ Yes	☒ No	☐ N
If yes, was hole retopped?	☐ Yes	☐ No	☒ N
If bentonite chips were used, were they hydrated with water from a known safe source?	☒ Yes	☐ No	☐ N

Required Method of Placing Sealing Material

☐ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped ☒ ~~Screened & Poured~~ (Bentonite Chips) ☐ Other (Explain):

Sealing Materials

☐ Neat Cement Grout ☐ Clay-Sand Slurry (11 lb./gal. w ☐ Sand-Cement (Concrete) Grout ☐ Bentonite-Sand Slurry " " ☐ Concrete ☐ Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only:

☒ ~~Bentonite Chips~~ ☐ Bentonite - Cement Grout ☐ Granular Bentonite ☐ Bentonite - Sand Slurry

5. Material Used To Fill Well / Drillhole

From (ft.)	To (ft.)	No. Yards, ~~Sacks~~ ~~Sealant~~ or Volume (circle one)	Mix Ratio or Mud Weight
Bentonite			
Surface	7	2	

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing (mm/dd/yyyy)
GroundSource	4462	6-6-12

Street or Route: 3671 Monroe Rd

Telephone Number: (920) 337-9600

City: De Pere | State: WI | ZIP Code: 54115

Signature of Person Doing Work

Date Signed

DNR Use Only

Date Received | Noted By | Comments

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dnr.wi.gov

Well / Drillhole / Borehole Filling & Sealing

Form 3300-005 (R 4/08) Page 1 of

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☐ Verification Only of Fill and Seal

Route to:
☐ Drinking Water ☐ Watershed/Wastewater ☐ Remediation/Redevelopmer
☐ Waste Management ☐ Other: _____

1. Well Location Information

County	WI Unique Well # of Removed Well	~~Dnr~~ #
Pol K		B-4

Latitude / Longitude (Degrees and Minutes) — Method Code (see instructions)

__ __ ° __ __ . __ __ __ __ 'N
__ __ ° __ __ . __ __ __ __ 'W

¼ / ¼ or Gov't Lot #	¼	Section	Township	Range
			N	☐ E ☐ W

Well Street Address: 613 STH 35

Well City, Village or Town: Osceola — Well ZIP Code:

Subdivision Name — Lot #

Reason For Removal From Service: Sampling Complete — WI Unique Well # of Replacement Well

2. Facility / Owner Information

Facility Name: Hanson Electric

Facility ID (FID or PWS)

License/Permit/Monitoring #

Original Well Owner

Present Well Owner

Mailing Address of Present Owner

City of Present Owner — State — ZIP Code

3. Well / Drillhole / Borehole Information

☐ Monitoring Well
☐ Water Well
☒ Borehole / Drillhole

Original Construction Date (mm/dd/yyyy): 6-6-12

If a Well Construction Report is available, please attach.

Construction Type:
☒ Drilled ☐ Driven (Sandpoint) ☐ Dug
☐ Other (specify): _____

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth From Ground Surface (ft.)	Casing Diameter (in.)
6	—
Lower Drillhole Diameter (in.)	Casing Depth (ft.)
6	—

Was well annular space grouted? ☐ Yes ☐ No ☐ Unknown

If yes, to what depth (feet)?	Depth to Water (feet)
—	—

4. Pump, Liner, Screen, Casing & Sealing Material

Pump and piping removed?	☐ Yes	☐ No	☒ N
Liner(s) removed?	☐ Yes	☐ No	☒ N
Screen removed?	☐ Yes	☐ No	☒ N
Casing left in place?	☐ Yes	☐ No	☐ N
Was casing cut off below surface?	☐ Yes	☐ No	☒ N
Did sealing material rise to surface?	☒ Yes	☐ No	☐ N
Did material settle after 24 hours?	☐ Yes	☒ No	☐ N
If yes, was hole retopped?	☐ Yes	☐ No	☒ N
If bentonite chips were used, were they hydrated with water from a known safe source?	☒ Yes	☐ No	☐ N

Required Method of Placing Sealing Material
☐ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☒ Screened & Poured (Bentonite Chips) ☐ Other (Explain): _____

Sealing Materials
☐ Neat Cement Grout ☐ Clay-Sand Slurry (11 lb./gal. w
☐ Sand-Cement (Concrete) Grout ☐ Bentonite-Sand Slurry " "
☐ Concrete ☐ Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only:
☒ Bentonite Chips ☐ Bentonite - Cement Grout
☐ Granular Bentonite ☐ Bentonite - Sand Slurry

5. Material Used To Fill Well / Drillhole

	From (ft.)	To (ft.)	No. Yards, Sacks, Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Bentonite	Surface	6	2	

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing (mm/dd/yyyy)
Ground Source	4462	6-6-12

Street or Route: 3671 Monroe Rd — Telephone Number: (920) 337-9600

City: De Pere — State: WI — ZIP Code: 54115 — Signature of Person Doing Work — Date Signed

DNR Use Only

Date Received	Noted By

Comments

State of Wis., Dept. of Natural Resources
dnr.wi.gov

Well / Drillhole / Borehole Filling & Sealing

Form 3300-005 (R 4/08) Page 1 of

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☐ Verification Only of Fill and Seal

Route to: ☐ Drinking Water ☐ Watershed/Wastewater ☐ Remediation/Redevelopmer ☐ Waste Management ☐ Other: _____

1. Well Location Information

County	WI Unique Well # of Removed Well	~~Hicap #~~
Polk	_ _ _ _ _ _ _	B-5

Latitude / Longitude (Degrees and Minutes) — Method Code (see instructions)

_ _ ° _ _ ' _ _ . _ _ _ _ 'N
_ _ ° _ _ ' _ _ . _ _ _ _ 'W

¼ / ¼	¼	Section	Township	Range
or Gov't Lot #			N	☐ E ☐ W

Well Street Address: 613 STH 35

Well City, Village or Town: Osceola — Well ZIP Code:

Subdivision Name — Lot #

Reason For Removal From Service: Sampling Complete — WI Unique Well # of Replacement Well: _ _ _ _ _ _ _

2. Facility / Owner Information

Facility Name: Hanson Electric

Facility ID (FID or PWS)

License/Permit/Monitoring #

Original Well Owner

Present Well Owner

Mailing Address of Present Owner

City of Present Owner — State — ZIP Code

3. Well / Drillhole / Borehole Information

☐ Monitoring Well ☐ Water Well ☒ Borehole / Drillhole

Original Construction Date (mm/dd/yyyy): 6-6-12

If a Well Construction Report is available, please attach.

Construction Type: ☒ Drilled ☐ Driven (Sandpoint) ☐ Dug ☐ Other (specify): _____

Formation Type: ☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth From Ground Surface (ft.)	Casing Diameter (in.)
8.5	—
Lower Drillhole Diameter (in.)	Casing Depth (ft.)
6	—

Was well annular space grouted? ☐ Yes ☐ No ☐ Unknown

If yes, to what depth (feet)? — Depth to Water (feet)

4. Pump, Liner, Screen, Casing & Sealing Material

Pump and piping removed?	☐ Yes	☐ No	☒ N.
Liner(s) removed?	☐ Yes	☐ No	☒ N.
Screen removed?	☐ Yes	☐ No	☒ N.
Casing left in place?	☐ Yes	☐ No	☒ N.
Was casing cut off below surface?	☐ Yes	☐ No	☒ N.
Did sealing material rise to surface?	☒ Yes	☐ No	☐ N.
Did material settle after 24 hours?	☐ Yes	☒ No	☐ N.
If yes, was hole retopped?	☐ Yes	☐ No	☒ N.
If bentonite chips were used, were they hydrated with water from a known safe source?	☒ Yes	☐ No	☐ N.

Required Method of Placing Sealing Material

☐ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped ☒ Screened & Poured (Bentonite Chips) ☐ Other (Explain): _____

Sealing Materials

☐ Neat Cement Grout ☐ Clay-Sand Slurry (11 lb./gal. w
☐ Sand-Cement (Concrete) Grout ☐ Bentonite-Sand Slurry " "
☐ Concrete ☐ Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only:

☒ Bentonite Chips ☐ Bentonite - Cement Grout ☐ Granular Bentonite ☐ Bentonite - Sand Slurry

5. Material Used To Fill Well / Drillhole

From (ft.)	To (ft.)	No. Yards, Sacks ~~Sealant~~ or Volume (circle one)	Mix Ratio or Mud Weight
Bentonite			
Surface	8.5	3	

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing (mm/dd/yyyy)
GroundSource	4462	6-6-12

Street or Route: 3671 Monroe Rd — Telephone Number: (920) 337-9600

City: De Pere — State: WI — ZIP Code: 54115 — Signature of Person Doing Work — Date Signed

DNR Use Only

Date Received — Noted By — Comments

State of Wis., Dept. of Natural Resources
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Well / Drillhole / Borehole Filling & Sealing

Form 3300-005 (R 4/08) Page 1 of

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☐ Verification Only of Fill and Seal

Route to: ☐ Drinking Water ☐ Watershed/Wastewater ☐ Remediation/Redevelopmer ☐ Waste Management ☐ Other: _____

1. Well Location Information

County	WI Unique Well # of Removed Well	~~Hicap #~~
Polk	_ _ _ _ _	B-6

Latitude / Longitude (Degrees and Minutes) _ _ ° _ _ . _ _ _ _ ' N; _ _ ° _ _ . _ _ _ _ ' W — Method Code (see instructions) _ _ _ _ _ _

¼ / ¼	¼	Section	Township	Range
or Gov't Lot #			N	☐ E ☐ W

Well Street Address: 613 STH 35

Well City, Village or Town	Well ZIP Code
Osceola	
Subdivision Name	Lot #

Reason For Removal From Service: Sampling Complete — WI Unique Well # of Replacement Well: _ _ _ _ _

2. Facility / Owner Information

Facility Name: Hanson Electric

Facility ID (FID or PWS):

License/Permit/Monitoring #:

Original Well Owner:

Present Well Owner:

Mailing Address of Present Owner:

City of Present Owner	State	ZIP Code

3. Well / Drillhole / Borehole Information

☐ Monitoring Well ☐ Water Well ☒ Borehole / Drillhole

Original Construction Date (mm/dd/yyyy): 6-6-12

If a Well Construction Report is available, please attach.

Construction Type: ☒ Drilled ☐ Driven (Sandpoint) ☐ Dug ☐ Other (specify): _____

Formation Type: ☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth From Ground Surface (ft.)	Casing Diameter (in.)
9	—
Lower Drillhole Diameter (in.)	**Casing Depth (ft.)**
6	—

Was well annular space grouted? ☐ Yes ☐ No ☐ Unknown

If yes, to what depth (feet)?	Depth to Water (feet)
—	—

4. Pump, Liner, Screen, Casing & Sealing Material

Pump and piping removed?	☐ Yes	☐ No	☒ N.
Liner(s) removed?	☐ Yes	☐ No	☒ N.
Screen removed?	☐ Yes	☐ No	☒ N.
Casing left in place?	☐ Yes	☐ No	☒ N.
Was casing cut off below surface?	☐ Yes	☐ No	☒ N.
Did sealing material rise to surface?	☒ Yes	☐ No	☐ N.
Did material settle after 24 hours?	☐ Yes	☒ No	☐ N.
If yes, was hole retopped?	☐ Yes	☐ No	☒ N.
If bentonite chips were used, were they hydrated with water from a known safe source?	☒ Yes	☐ No	☐ N.

Required Method of Placing Sealing Material
☐ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☒ Screened & Poured (Bentonite Chips) ☐ Other (Explain): _____

Sealing Materials
☐ Neat Cement Grout ☐ Clay-Sand Slurry (11 lb./gal. w
☐ Sand-Cement (Concrete) Grout ☐ Bentonite-Sand Slurry " "
☐ Concrete ☐ Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only:
☒ Bentonite Chips ☐ Bentonite - Cement Grout
☐ Granular Bentonite ☐ Bentonite - Sand Slurry

5. Material Used To Fill Well / Drillhole

	From (ft.)	To (ft.)	No. Yards, Sacks, Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Bentonite	Surface	9	3	

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing (mm/dd/yyyy)
Ground Source	4462	6-6-12

Street or Route: 3671 Monroe Rd — Telephone Number: (920) 337-9600

City: De Pere — State: WI — ZIP Code: 54115 — Signature of Person Doing Work: [signature] — Date Signed:

DNR Use Only

Date Received	Noted By

Comments:

APPENDIX D/ OTHER DOCUMENTATION

APPENDIX E/ QUALIFICATIONS OF METCO PERSONNEL

Site Investigation Report - METCO
Hanson Electric

Ronald J. Anderson, P.G.

Professional Titles

- Senior Hydrogeologist
- Project Manager

Credentials

- Licensed Professional Geologist in Wisconsin
- Licensed Professional Geologist in Minnesota
- Recognized by the State of Wisconsin Department of Natural Resources (Chapter NR712) as a qualified Hydrogeologist
- Certified by State of Wisconsin/DCOMM to conduct PECFA-funded LUST projects
- Certified tank closure site assessor (#41861) in Wisconsin
- Member of the Wisconsin Groundwater Association
- Member of the Minnesota Groundwater Association
- Member of the Federation of Environmental Technologist, Inc.
- Member of the Wisconsin Fabricare Institute

Education

Includes a BA in Earth Science from the University of Minnesota-Duluth. Applicable courses successfully completed include Hydrogeology, Applied Hydrogeology, Environmental Geology, Geological Field Methods, Geology Field Camp, Geomorphology, Structural Geology, Stratigraphy/Tectonics, Mineralogy/Petrology, Glacial/Quaternary Geology, Geology of North America, Oceanography, General Chemistry, Organic Chemistry, Environmental Conservation

Post-Graduate Education

Includes Personnel Protection and Safety, Conducting Comprehensive Environmental Property Assessments, Groundwater Flow and Well Hydraulics, Effective Techniques for Contaminated Groundwater Treatment, and numerous other continuing education classes and conferences.

Work Experience

Includes nine months with the Wisconsin Department of Natural Resources Leaking Underground Storage Tank Program regulating LUST sites and since June 1990, with METCO as a Hydrogeologist and Project Manager. Duties have included: managing, conducting, and reporting tank closure assessments; property assessment, LUST investigations; spill investigations; agricultural chemical investigations, dry cleaning chemical investigations, general geotechnical/environmental investigations; Geoprobe projects (soil, groundwater, soil gas sampling); drilling projects (soil boring and monitoring wells); and remedial projects. Since 1989, METCO has sampled/consulted over 700 environmental sites.

Jason T. Powell

Professional Title

- Staff Scientist

Credentials

- Recognized by the State of Wisconsin Department of Natural Resources (Chapter NR712) as a qualified Scientist.

Education

Includes a BS in Groundwater Management from the University of Wisconsin- Stevens Point. Applicable courses successfully completed include Hydrogeology, Applied Hydrogeology, Environmental Geology, Hydrogeology-Groundwater Flow Modeling, Groundwater Management, Structural Geology, Mineralogy, Glacial Geology, Soils, Soil Physics, Hydrology, Geochemistry, Water Chemistry, Organic Chemistry, General Chemistry, Environmental Issues.

Post-Graduate Education

40-hour OSHA Hazardous Materials Safety Training course with 8-hour refresher course.

Work Experience

With METCO since May 1992 as a Geoprobe Assistant and Geoprobe Operator. In June 1995 to July 1996 as an Environmental Technician. In July 1996 as a Staff Scientist. Duties have included: LUST investigations; general geotechnical/environmental investigations; Geoprobe projects (soil, groundwater sampling); drilling projects (soil boring and monitoring wells); and remedial projects (sampling, pilot tests, system operation/maintenance).

Eric J. Dahl

Professional Title

- Hydrogeologist

Credentials

- Recognized by the State of Wisconsin Department of Natural Resources (Chapter NR712) as a qualified Hydrogeologist.
- Registered through the Wisconsin Department of Safety and Professional Services as a PECFA consultant (#823519).
- Member of the Geological Society of America

Education

Includes B.S. in Geology from the University of Wisconsin-Eau Claire. Applicable courses successfully completed include Environmental Geology, Physical Hydrogeology, Chemical Hydrogeology, Computer Modeling in Hydrogeology, Aqueous Geochemistry, Field Geology I and II, Mineralogy and Petrology I and II, Sedimentology and Stratigraphy, Petroleum and Economic Geology, Earth Resources, Earth History, and Structural Geology.

Post-Graduate Education

40-hour OSHA Hazardous Materials Safety Training course with 8-hour refresher course.

Work Experience

With METCO since November 1999 as a Hydrogeologist. Duties have included: soil and groundwater sampling, geoprobe operation, operation and maintenance of remedial systems, geoprobe projects (oversight, direction, and sampling), drilling projects/monitoring well installation (oversight, direction, and sampling), soil excavation projects (oversight, direction, and sampling), site mapping, data reduction and analysis, and reporting.

Site Investigation Report - METCO
Hanson Electric

Thomas P. Pignet, P.E.

Professional Titles

- Chemical Engineer
- Industrial Engineer

Credentials

- Licensed Professional Engineer in Wisconsin

Education

Undergraduate: B.S. in Chemical Engineering from the University of Wisconsin. Applicable courses include the standard chemistry curriculum - basic, physical, organic, etc. - plus engineering transport phenomena, chemical unit operations (e.g. separations), fluid mechanics, etc.

Post-Graduate Education

Ph.D. in Chemical Engineering from the University of Minnesota - with applicable special training in absorption & catalysis; M.S. in Industrial Engineering from the University of Wisconsin - Milwaukee - with special emphasis on statistical techniques and data analysis. Applicable further training: continuing education, semester-length courses in [1] Understanding Environmental & Safety Regulation; [2] Hazardous & Toxic Waste Management; plus a number of 1-2 day workshops - Fire & Explosion Safety; Small Quantity Generations of Hazardous Waste.

Work Experience

Includes ten years as a research chemical engineer with a large chemical manufacturer; one year as process development engineer and demonstration-scale test analyst on a unique coal gasification project; ten years in association with UW-M, teaching and consulting to industry on energy efficiency, waste minimization and productivity improvement. One year working with a small engineering consulting firm on energy, environmental, and process improvement projects, including LUST Investigations and Remediations. With METCO since February 2000. Duties include Remedial Action Plan preparation, pilot test design and performance, remedial systems design and implementation, and general management of METCO's remedial projects.

Brandon A. Walker

Professional Title

- Staff Scientist

Education

Includes B.S. in Geography and a minor in Environmental Studies from the University of Wisconsin- La Crosse. Applicable courses successfully completed include Water Resources, Ecology, Climate Systems, Earth Science, Zoology, Fundamentals of Cartography, Interpretation of Aerial Photography, Global Issues, Urban Geography, Environmental Sociology, and Environmental Studies.

Work Experience

With METCO since April 2007 as a Staff Scientist. Duties have included: soil and groundwater sampling, operation and maintenance of remedial systems, geoprobe projects (oversight, direction, and sampling), site mapping, data reduction and analysis, and reporting.

Site Investigation Report - METCO
Hanson Electric

Matt Michalski

Professional Title

- Staff Scientist

Credentials

Registered through the Wisconsin Department of Safety and Professional Services as a PECFA consultant (#1228116).

Education

Includes B.S. In Geography from University of Wisconsin – La Crosse: Applicable courses successfully completed include Geographic Field Methods, Water Resources, Environmental Hazards and Land Use, and Advanced Map Design.

Work Experience

With METCO since August 2012 as Staff Scientist. Duties include: soil and groundwater sampling, operation and maintenance of remedial systems, geoprobe projects (oversight, direction, and sampling), site mapping, data reduction and analysis, and reporting.

APPENDIX F/ STANDARD OF CARE

STANDARD OF CARE

The analysis and conclusions expressed in this report are based upon data obtained from the indicated subsurface locations and from other sources discussed in this report. Actual subsurface conditions may vary and may not become evident without further assessment.

All work conducted by METCO is in accordance with currently accepted hydrogeologic and engineering practices and they neither imply nor intend warranty.

We appreciate the opportunity to be of service to you. If you have any questions or require additional information, please do not hesitate to contact us.

"I Jason T. Powell, hereby certify that I am a scientist as that term is defined in s.NR 712.03 (3), Wis. Adm. Code, and that, to the best of my knowledge, all of the information contained in this document is correct and the document was prepared in compliance with all applicable requirements in chs. NR 700 to 726, Wis. Adm. Code."

Jason T. Powell
Staff Scientist

10/15/12
Date

"I Ronald J. Anderson, hereby certify that I am a hydrogeologist as that term is defined in s.NR 712.03 (1), Wis. Adm. Code, and that, to the best of my knowledge, all of the information contained in this document is correct and the document was prepared in compliance with all applicable requirements in chs. NR 700 to 726, Wis. Adm. Code."

Ronald J. Anderson PG
Senior Hydrogeologist/Project Manager

10/15/12
Date

GIS Registry Package

Hansons Electric

BRRTS # 03-49-234619
PECFA # 54020-4045-13-A

October 15, 2012

Excellence through experience™

Environmental Consulting, Fuel System Design, Installation and Service

GIS Registry Checklist

This Adobe Fillable form is intended to provide a list of information that is required for evaluation for case closure. It is to be used in conjunction with Form 4400-202, Case Closure Request. The closure of a case means that the Department has determined that no further response is required at that time based on the information that has been submitted to the Department.

NOTICE: Completion of this form is mandatory for applications for case closure pursuant to ch. 292, Wis. Stats. and ch. NR 726, Wis. Adm. Code, including cases closed under ch. NR 746 and ch. NR 726. The Department will not consider, or act upon your application, unless all applicable sections are completed on this form and the closure fee and any other applicable fees, required under ch. NR 749, Wis. Adm. Code, Table 1 are included. It is not the Department's intention to use any personally identifiable information from this form for any purpose other than reviewing closure requests and determining the need for additional response action. The Department may provide this information to requesters as required by Wisconsin's Open Records law [ss. 19.31 - 19.39, Wis. Stats.].

BRRTS #: 03-49-234619 PARCEL ID #: 022-01111-0000

ACTIVITY NAME: Hanson Electric WTM COORDINATES: X: 308402 Y: 539675

CLOSURE DOCUMENTS (the Department adds these items to the final GIS packet for posting on the Registry)

- ☐ **Closure Letter**
- ☐ **Maintenance Plan** *(if activity is closed with a land use limitation or condition (land use control) under s. 292.12, Wis. Stats.)*
- ☐ **Continuing Obligation Cover Letter** (for property owners affected by residual contamination and/or continuing obligations)
- ☐ **Conditional Closure Letter**
- ☐ **Certificate of Completion (COC)** (for VPLE sites)

SOURCE LEGAL DOCUMENTS

- ☐ **Deed:** The most recent deed as well as legal descriptions, for the **Source Property** (where the contamination originated). Deeds for other, off-source (off-site) properties are located in the **Notification** section.
  Note: *If a property has been purchased with a land contract and the purchaser has not yet received a deed, a copy of the land contract which includes the legal description shall be submitted instead of the most recent deed. If the property has been inherited, written documentation of the property transfer should be submitted along with the most recent deed.*
- ☐ **Certified Survey Map:** A copy of the certified survey map or the relevant section of the recorded plat map *for those properties where the legal description in the most recent deed refers to a certified survey map or a recorded plat map.* (lots on subdivided or platted property (e.g. lot 2 of xyz subdivision)).

  Figure #: **Title:**
- ☐ **Signed Statement:** A statement signed by the Responsible Party (RP), which states that he or she believes that the attached legal description accurately describes the correct contaminated property.

MAPS (meeting the visual aid requirements of s. NR 716.15(2)(h))

Maps must be no larger than 11 x 17 inches unless the map is submitted electronically.

- ☒ **Location Map:** A map outlining all properties within the contaminated site boundaries on a U.S.G.S. topographic map or plat map in sufficient detail to permit easy location of all parcels. If groundwater standards are exceeded, include the location of all potable wells within 1200 feet of the site.
  Note: *Due to security reasons municipal wells are not identified on GIS Packet maps. However, the locations of these municipal wells must be identified on Case Closure Request maps.*

  Figure #: **Title: Site Location Map**
- ☒ **Detailed Site Map:** A map that shows all relevant features (buildings, roads, individual property boundaries, contaminant sources, utility lines, monitoring wells and potable wells) within the contaminated area. This map is to show the location of all contaminated public streets, and highway and railroad rights-of-way in relation to the source property and in relation to the boundaries of groundwater contamination exceeding a ch. NR 140 Enforcement Standard (ES), and/or in relation to the boundaries of soil contamination exceeding a Residual Contaminant Level (RCL) or a Site Specific Residual Contaminant Levels (SSRCL) as determined under s. NR 720.09, 720.11 and 720.19.

  Figure #: **Title: Site Layout Map**
- ☒ **Soil Contamination Contour Map:** For sites closing with residual soil contamination, this map is to show the location of all contaminated soil and a single contour showing the horizontal extent of each area of contiguous residual soil contamination that exceeds a Residual Contaminant Level (RCL) or a Site Specific Residual Contaminant Level (SSRCL)as determined under s. NR 720.09, 720.11 and 720.19.

  Figure #: **Title: Soil Contamination Map - Close up**

BRRTS #: 03-49-234619 ACTIVITY NAME: Hanson Electric

MAPS (continued)

☒ **Geologic Cross-Section Map:** A map showing the source location and vertical extent of residual soil contamination exceeding a Residual Contaminant Level (RCL) or a Site Specific Residual Contaminant Level (SSRCL). If groundwater contamination exceeds a ch. NR 140 Enforcement Standard (ES) when closure is requested, show the source location and vertical extent, water table and piezometric elevations, and locations and elevations of geologic units, bedrock and confining units, if any.

Figure #: **Title: Geologic Cross Section Map - Close up**

Figure #: **Title: Geologic Cross Section**

☒ **Groundwater Isoconcentration Map:** For sites closing with residual groundwater contamination, this map shows the horizontal extent of all groundwater contamination exceeding a ch. NR140 Preventive Action Limit (PAL) and an Enforcement Standard (ES). Indicate the direction and date of groundwater flow, based on the most recent sampling data.
Note: *This is intended to show the total area of contaminated groundwater.*

Figure #: **Title:**

☐ **Groundwater Flow Direction Map:** A map that represents groundwater movement at the site. If the flow direction varies by more then 20° over the history of the site, submit 2 groundwater flow maps showing the maximum variation in flow direction.

Figure #: **Title:**

Figure #: **Title:**

TABLES (meeting the requirements of s. NR 716.15(2)(h)(3))

Tables must be no larger than 11 x 17 inches unless the table is submitted electronically. Tables must not contain shading and/or cross-hatching. The use of **BOLD** or *ITALICS* is acceptable.

☒ **Soil Analytical Table:** A table showing remaining soil contamination with analytical results and collection dates.
Note: This is one table of results for the contaminants of concern. Contaminants of concern are those that were found during the site investigation, that remain after remediation. It may be necessary to create a new table to meet this requirement.

Table #: **Title: Soil Analytical Results Summary**

☐ **Groundwater Analytical Table:** Table(s) that show the most recent analytical results and collection dates, for all monitoring wells and any potable wells for which samples have been collected.

Table #: **Title:**

☐ **Water Level Elevations:** Table(s) that show the previous four (at minimum) water level elevation measurements/dates from all monitoring wells. If present, free product is to be noted on the table.

Table #: **Title: Watertable Elevations Table**

IMPROPERLY ABANDONED MONITORING WELLS

For each monitoring well not properly abandoned according to requirements of s. NR 141.25 include the following documents.
Note: *If the site is being listed on the GIS Registry for only an improperly abandoned monitoring well you will only need to submit the documents in this section for the GIS Registry Packet.*

☒ **Not Applicable**

☐ **Site Location Map:** A map showing all surveyed monitoring wells with specific identification of the monitoring wells which have not been properly abandoned.
Note: *If the applicable monitoring wells are distinctly identified on the Detailed Site Map this Site Location Map is not needed.*

Figure #: **Title:**

☐ **Well Construction Report:** Form 4440-113A for the applicable monitoring wells.

☐ **Deed:** The most recent deed as well as legal descriptions for each property where a monitoring well was not properly abandoned.

☐ **Notification Letter:** Copy of the notification letter to the affected property owner(s).

BRRTS #: 03-49-234619 ACTIVITY NAME: Hanson Electric

NOTIFICATIONS

Source Property

☒ **Not Applicable**

☐ **Letter To Current Source Property Owner:** If the source property is owned by someone other than the person who is applying for case closure, include a copy of the letter notifying the current owner of the source property that case closure has been requested.

☐ **Return Receipt/Signature Confirmation:** Written proof of date on which confirmation was received for notifying current source property owner.

Off-Source Property

Group the following information per individual property and label each group according to alphabetic listing on the "Impacted Off-Source Property" attachment.

☒ **Not Applicable**

☐ **Letter To "Off-Source" Property Owners:** Copies of all letters sent by the Responsible Party (RP) to owners of properties with groundwater exceeding an Enforcement Standard (ES), and to owners of properties that will be affected by a land use control under s. 292.12, Wis. Stats.
Note: *Letters sent to off-source properties regarding residual contamination must contain standard provisions in Appendix A of ch. NR 726.*

Number of "Off-Source" Letters:

☐ **Return Receipt/Signature Confirmation:** Written proof of date on which confirmation was received for notifying any off-source property owner.

☐ **Deed of "Off-Source" Property:** The most recent deed(s) as well as legal descriptions, for all affected deeded **off-source property(ies).** This does not apply to right-of-ways.
Note: *If a property has been purchased with a land contract and the purchaser has not yet received a deed, a copy of the land contract which includes the legal description shall be submitted instead of the most recent deed. If the property has been inherited, written documentation of the property transfer should be submitted along with the most recent deed.*

☐ **Letter To "Governmental Unit/Right-Of-Way" Owners:** Copies of all letters sent by the Responsible Party (RP) to a city, village, municipality, state agency or any other entity responsible for maintenance of a public street, highway, or railroad right-of-way, within or partially within the contaminated area, for contamination exceeding a groundwater Enforcement Standard (ES) and/or soil exceeding a Residual Contaminant Level (RCL) or a Site Specific Residual Contaminant Level (SSRCL).

Number of "Governmental Unit/Right-Of-Way Owner" Letters:

NOTICE OF LIS PENDENS

POLK COUNTY, WISCONSIN
Received for record this
7th day of May
AD 2012 at 10:00 AM
Document Number: 795726
Laurie Anderson
Laurie Anderson
Register of Deeds

Name and Return Address

Jodie Leigh Grabarski
Murnane Brandt
30 East Seventh Street, Suite 3200
St. Paul, MN 55101

022-01111-0000
Parcel Identification Number (PIN)

STATE OF WISCONSIN CIRCUIT COURT POLK COUNTY

Central Bank, 2270 Frontage Road West Stillwater, MN 55082 Plaintiff, vs. Arlan G. Hanson 513 Seminole Avenue Osceola, WI 54020-5002 Aziza Hanson 513 Seminole Avenue Osceola, WI 54020-5002	Case No. 12-CV-184 Case Code: 30404 Foreclosure of Mortgage **AMENDED** **NOTICE OF LIS PENDENS**

(A)

A. A. Hanson Electric, Inc. 613 State Road Osceola, WI 54020-5002 Viking Electric Supply, Inc. 380 Jackson Street, #700 St. Paul, MN 55101 J. H. Larson Electrical Company 901 O'Keefe Road Box 566 Hudson, WI 54016 State of Wisconsin Department of Workforce Development 201 East Washington Avenue Madison, WI 53703 Department of Safety and Professional Services State of Wisconsin 1400 East Washington Avenue Room 112 Madison, WI 53703 Operating Engineer's Local 49 Health and Welfare Fund 800 Nicollet Mall #2600 Minneapolis, MN 55402 and Department of the Treasury Internal Revenue Service U.S. Attorney General Eric Holder 950 Pennsylvania Avenue NW Washington, D.C. 20530 Defendants.	

NOTICE IS HEREBY GIVEN that the above-entitled action has been commenced and is pending in the above-named Court upon the Complaint of the above-named Plaintiff and the Amended Complaint therein is now on file in the office of

the Administrator of the Circuit Court above named. The names of the parties to said action are as stated above. This Lis Pendens gives notice of an action to foreclose:

- Real Estate Mortgage in the original principal amount of One Hundred Twenty Four Thousand Three Hundred Sixty and 82/100 Dollars ($124,360.82) executed on May 12, 2000 and recorded May 17, 2000 in the Register of Deeds Office in Polk County, Wisconsin, in Volume 816 of Records, page 177 as Document No. 598169 ("Hanson Mortgage").

The real property affected, involved and brought in question by said action is that real property situated in Polk County, Wisconsin, legally described as follows:

That part of Lot 1 of Certified Survey Map No. 0360 recorded in Volume 2 of Certified Survey Maps on page 89 as Document No. 376026 in the Polk County Register of Deeds office as described as follows: Commencing at the Southeast corner of Section 34, Township 33 North, Range 19 West; thence North 87°10'17" West on the South boundary of said Section 34, 1313.09 feet; thence North 01°57'00" East 680.03 feet; thence North 87°11'31" West 198.00 feet; thence North 01°57'00" East 124.03 feet to the point of beginning; thence North 01°57'00" East 127 feet; thence South 87°11'31" East 198.00 feet; thence North 01°57'00" East 133.84 feet; thence North 87°12'44" West 515.00 feet; thence South 01°20'42" West 260.84 feet; thence in an Easterly direction to the point of beginning; being located in the North One-half of the Southwest Quarter of the Southeast Quarter (N½ of the SW¼ of the SE¼) of Section 34, Township 33 North, Range 19 West, Town of Farmington, Polk County, Wisconsin.

Dated this 4 day of May, 2012

MURNANE BRANDT

Jodie Leigh Grabarski #1020887
Kelly S. Hadac #1059989
Attorneys for Plaintiff
30 East Seventh Street
Suite 3200
St. Paul, MN 55101
Phone: 651- 227-9411
Fax: 651-223-5199

795726

STATE OF MINNESOTA)
) ss
COUNTY OF RAMSEY)

The foregoing instrument was acknowledged before me this 4th day of May, 2012, by Jodie Leigh Grabarski, Attorney for Plaintiff.

Sandra L. Meier
Notary Public

SANDRA L. MEIER
Notary Public-Minnesota
My Commission Expires Jan 31, 2016

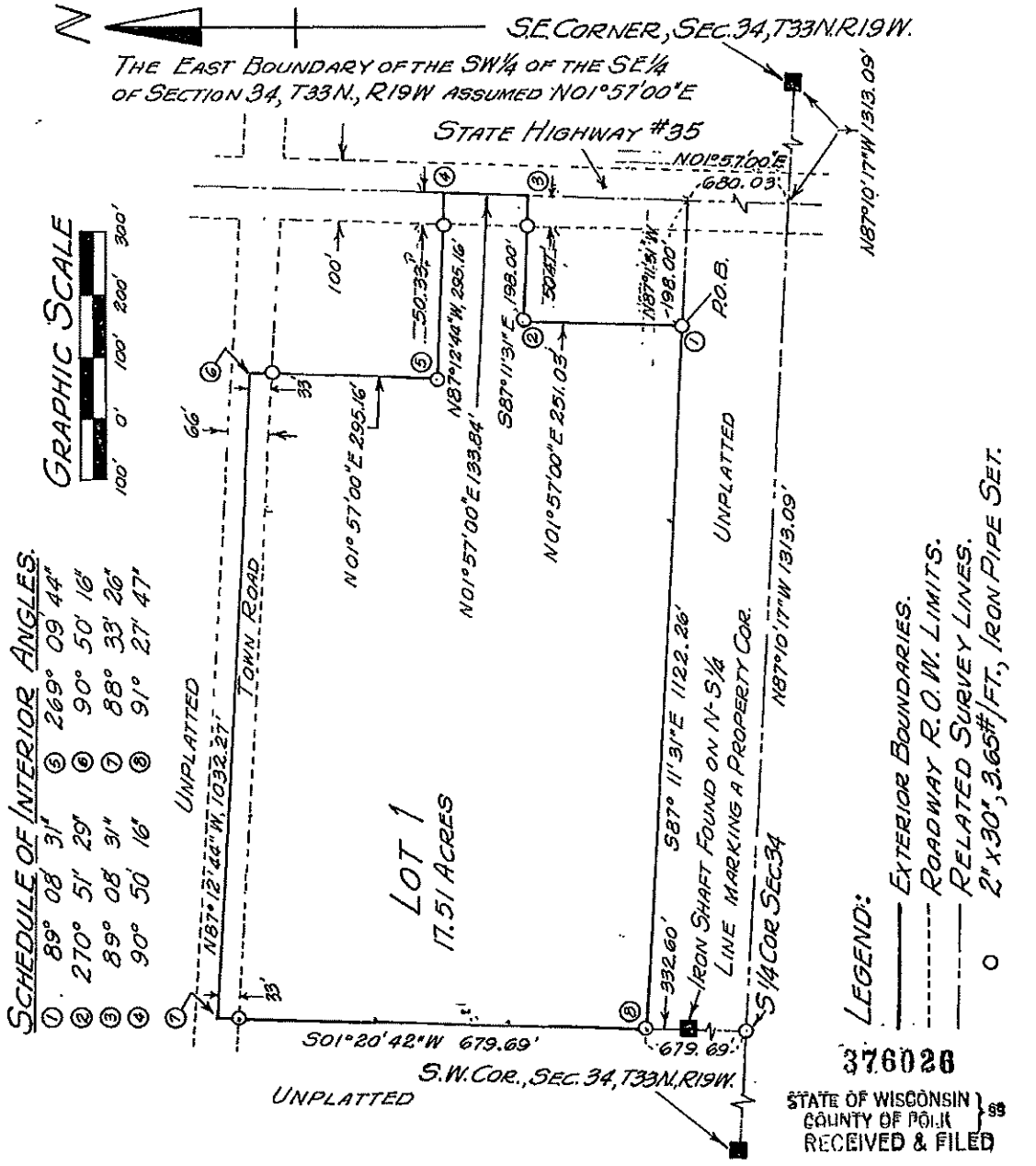
THIS INSTRUMENT WAS DRAFTED BY
MURNANE BRANDT
30 East Seventh Street, Suite 3200
St. Paul, MN 55101
Telephone 651-227-9411

1427194

376026

POLK COUNTY CERTIFIED SURVEY MAP NO. 360

A PART OF THE N½ OF THE SW¼ OF THE SE¼ OF SECTION 34, TOWNSHIP 33 NORTH, RANGE 19 WEST, TOWN OF FARMINGTON, COUNTY OF POLK, STATE OF WISCONSIN



376026

STATE OF WISCONSIN } SS
COUNTY OF POLK
RECEIVED & FILED
APR 27 1977
AT 9:00 O'CLOCK AM
VOL 2 CSM PAGE 89
Harold Maier REGISTER OF DEEDS
by Norma Hansen, Deputy

NORTH COUNTRY ENGINEERING, INC.
DANBURY, WISCONSIN, 54830

Vol. 2 CSM page 89 SHEET 1 OF 2

WDNR BRRTS Case #: 03-49-234619

WDNR Site Name: Hanson Electric

Geographic Information System (GIS) Registry of Closed Remediation Sites

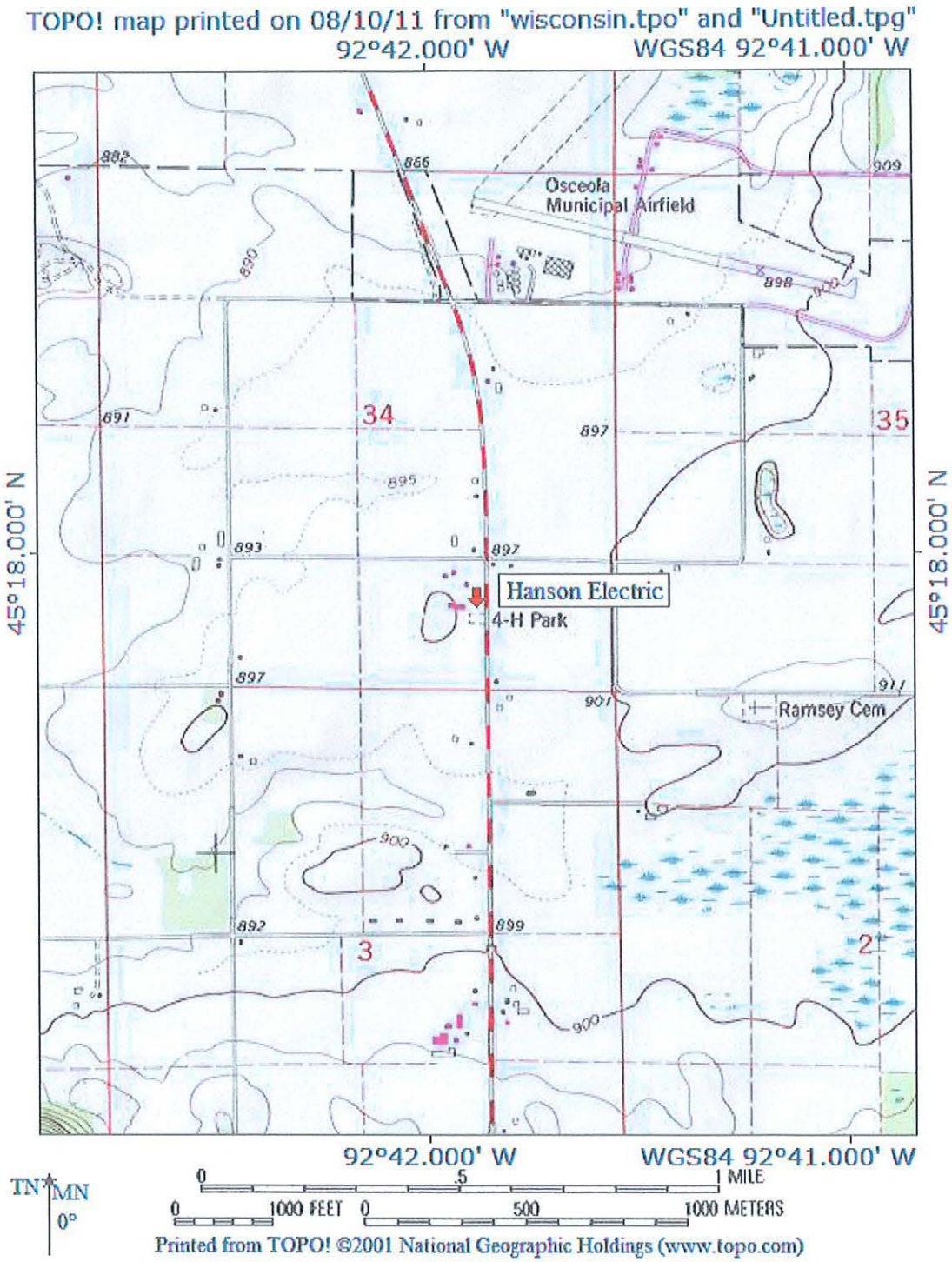
In compliance with the revisions to the NR 700 rule series requiring certain closed sites to be listed on the Geographic Information System (GIS) Registry of Closed Remediation Sites (Registry) effective Nov., 2001, I have provided the following information.

To the best of my knowledge the legal descriptions provided and attached to this statement are complete and accurate.

Responsible Party:

ARLAN G HANSON
(print name/title)

(signature) 11-20-2012 (date)



SITE LOCATION MAP – CONTOUR INTERVAL 10 FEET
HANSON ELECTRIC – OSCEOLA, WI
SEAMLESS USGS TOPOGRAPHIC MAPS ON CD-ROM

SITE LAYOUT MAP

HANSON ELECTRIC

METCO
709 Gillette Street, Suite 3
La Crosse, WI 54603
Tel. (608) 781-5378
Fax (608) 781-6593

OSCEOLA, WISCONSIN

DRAWN BY: ED

DATE: 08/10/204

NOTE: INFORMATION BASED ON AVAILABLE DATA. ACTUAL CONDITIONS MAY DIFFER

◆ - UST CLOSURE SOIL SAMPLING LOCATION

● - SOIL BORING LOCATION

— — — — - PROPERTY LINE

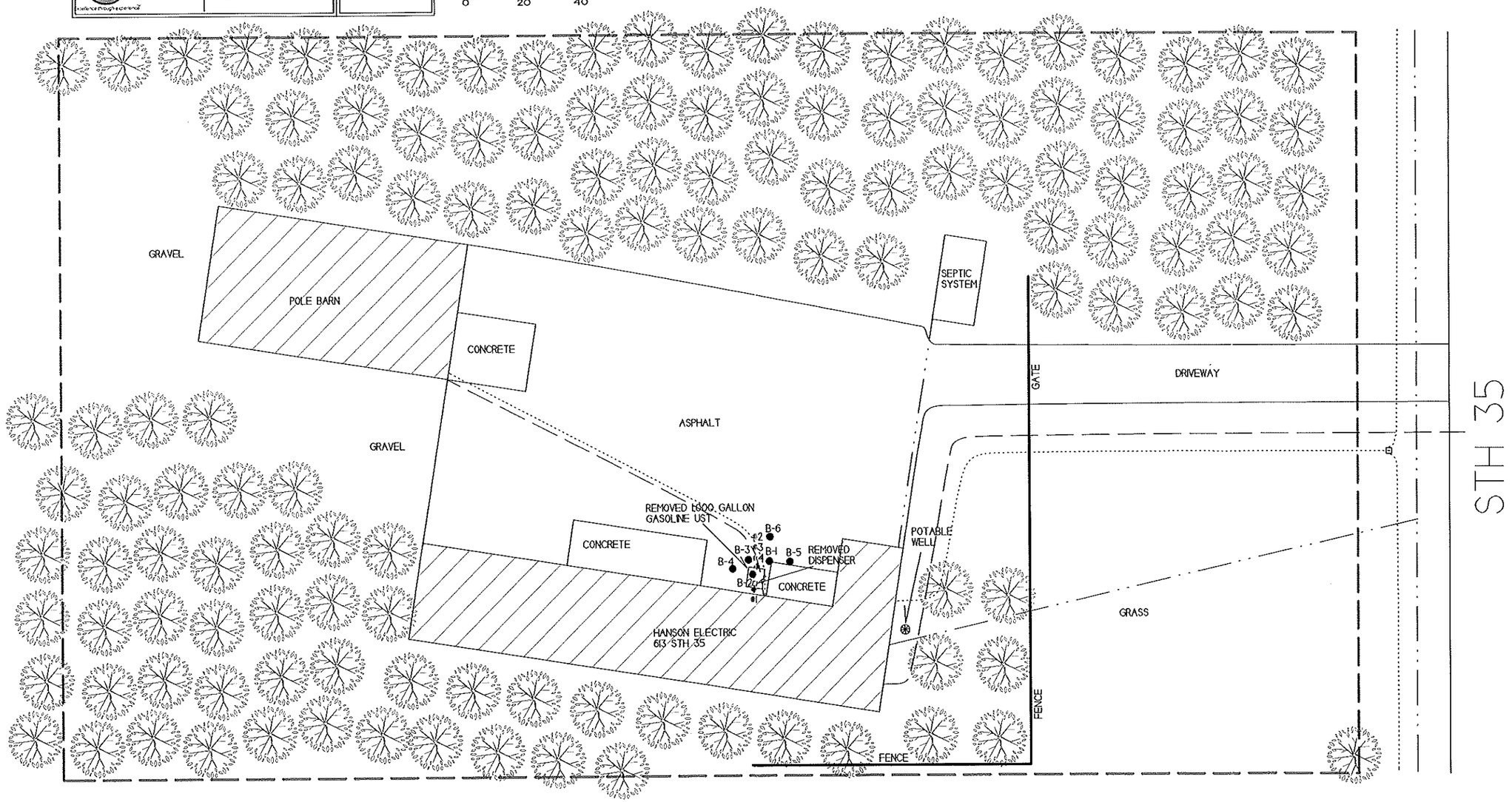
— — — — - UNDERGROUND ELECTRIC LINE

— · · · — - SEWER LINE

— · — — - GAS LINE

..... - PHONE LINE

SCALE:
1 INCH = 40 FEET
0 20 40



SOIL CONTAMINATION MAP CLOSE-UP

HANSON ELECTRIC

METCO
709 Gillette Street, Suite 3
La Crosse, WI 54603
Tel: (608) 781-8879
Fax: (608) 781-8893
Excellence through experience™

OSCEOLA, WISCONSIN

DRAWN BY: ED DATE: 08/10/201
MODIFIED BY: MM DATE: 09/17/2012

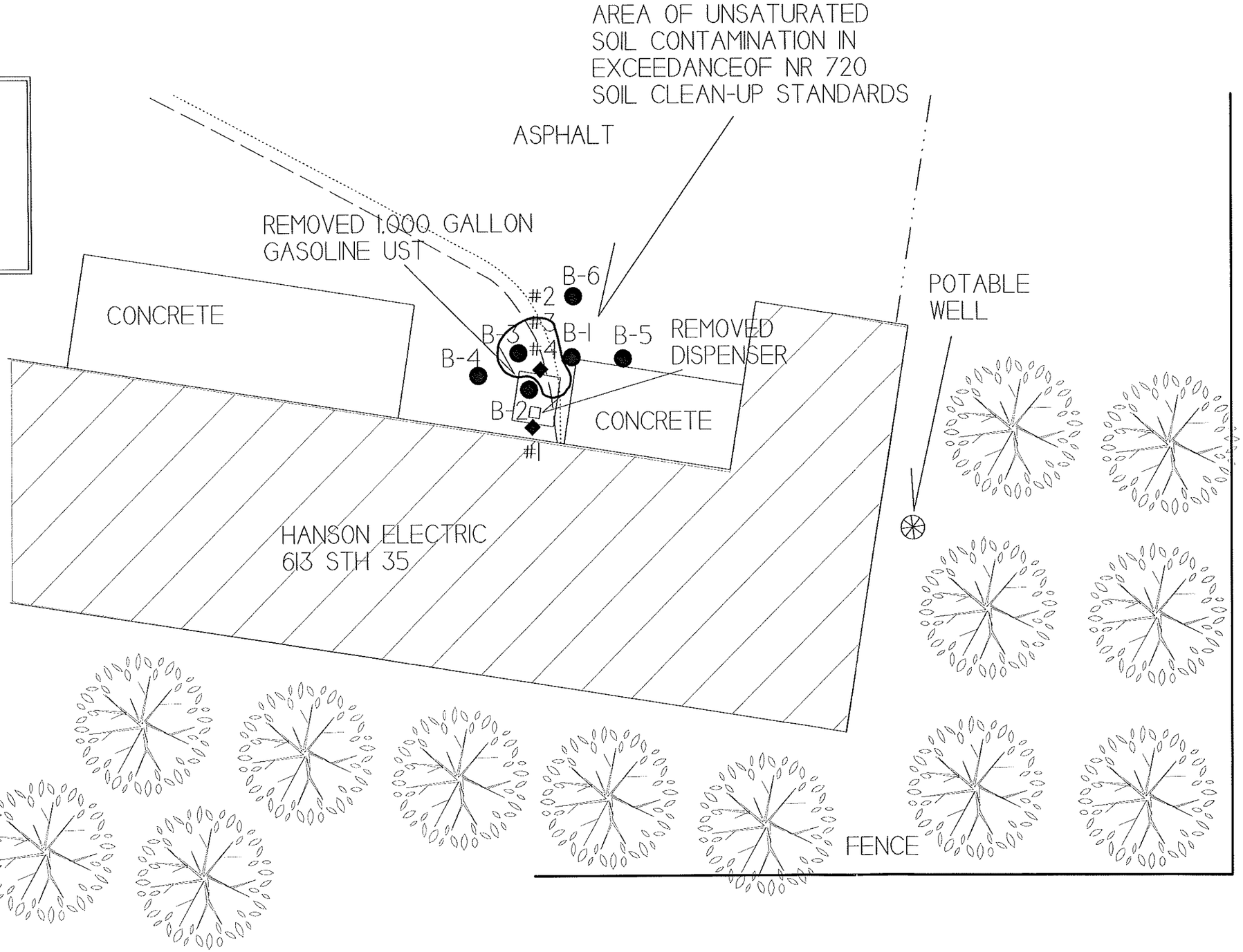
NOTE: INFORMATION BASED ON AVAILABLE DATA. ACTUAL CONDITIONS MAY DIFFER

◆ - UST CLOSURE SOIL SAMPLING LOCATION

● - SOIL BORING LOCATION

— — — — = PROPERTY LINE
— — — — = UNDERGROUND ELECTRIC LINE
——— · · · ——— = SEWER LINE
——— · · ——— = GAS LINE
..... = PHONE LINE

SCALE:
1 INCH = 15 FEET
0 15



NOTE: INFORMATION BASED ON AVAILABLE DATA. ACTUAL CONDITIONS MAY DIFFER

◆ = UST CLOSURE SOIL SAMPLING LOCATION

● = SOIL BORING LOCATION

— — — — = PROPERTY LINE

— — — — = UNDERGROUND ELECTRIC LINE

——— · · · ——— = SEWER LINE

——— · · ——— = GAS LINE

..... = PHONE LINE

GEOLOGIC CROSS SECTION MAP CLOSE-UP

HANSON ELECTRIC

METCO
709 Gillette Street, Suite 3
La Crosse, WI 54603
Tel: (608) 781-8879
Fax: (608) 781-8893
Excellence through experience™

OSCEOLA, WISCONSIN

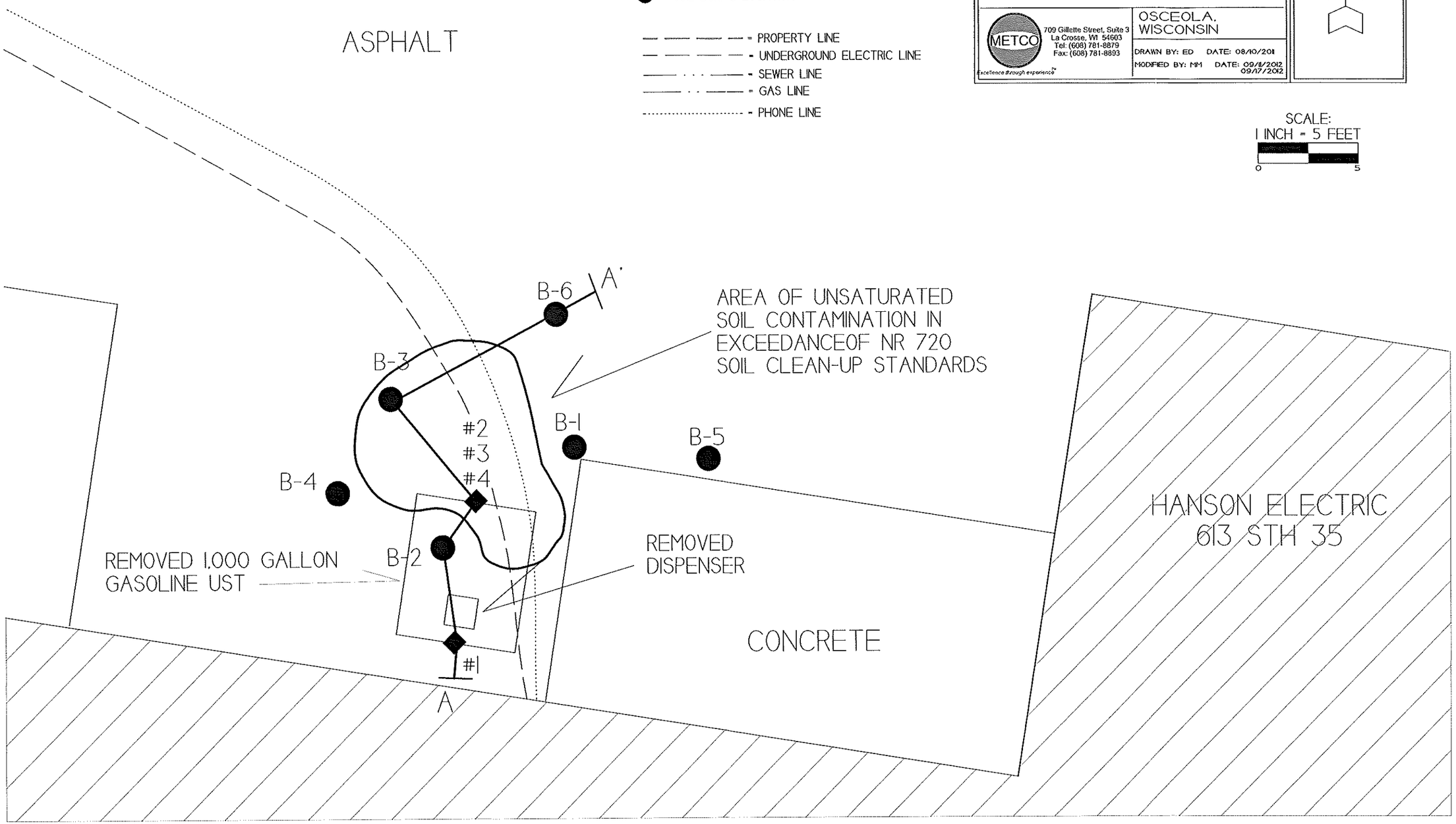
DRAWN BY: ED DATE: 08/10/201

MODIFIED BY: MM DATE: 09/6/2012
09/7/2012

N

SCALE:
1 INCH = 5 FEET

0 5



GEOLOGIC CROSS-SECTION

HANSON ELECTRIC

METCO — 709 Gillette St., Unit 2, La Crosse, WI 54603, Tel: (608) 781-8870, Fax: (608) 781-8800

OSCEOLA, WISCONSIN

DRAWN BY: MH

DATE: 06/07/2012

NOTE: SOIL SAMPLE DATA IS BASED ON LABORATORY RESULTS FROM SAMPLES COLLECTED DURING THE FOLLOWING EVENTS-
UST REMOVAL PROJECT (09/22/1999)
GEOPROBE PROJECT (06/06/2012)

PID - PHOTO IONIZATION DETECTOR
GRO - GASOLINE RANGE ORGANICS
B - BENZENE
E - ETHYLBENZENE
MTBE - METHYL TERT-BUTYL ETHER
N - NAPHTHALENE
T - TOLUENE
1,2,4-TMB - 1,2,4-TRIMETHYLBENZENE
1,3,5-TMB - 1,3,5-TRIMETHYLBENZENE
X - XYLENE

INFORMATION BASED ON AVAILABLE DATA. ACTUAL CONDITIONS MAY DIFFER.

PVOC SAMPLE RESULTS ARE PRESENTED IN PARTS PER BILLION (PPB). GRO ARE PRESENTED IN PARTS PER MILLION (PPM).

THE WATERTABLE IS EXPECTED TO EXIST AT APPROXIMATELY 40-50 FEET BGS AND GROUNDWATER FLOW IS EXPECTED TO BE TOWARD THE WEST TO NORTHWEST.

VERTICAL SCALE: 1 INCH = 1 FOOT (0 – 1)

HORIZONTAL SCALE: 1 INCH = 5 FEET (0 – 5)

● = GEOPROBE BORING LOCATION

◆ = UST SITE ASSESSMENT SAMPLING LOCATION

= SOIL SAMPLE LOCATION - GEOPROBE

BROWN SANDY CLAY WITH GRAVEL

TAN TO ORANGE TO GRAY WEATHERED DOLOMITE

TAN TO ORANGE TO GRAY DOLOMITE

FILL MATERIAL

A SOUTH — A' NORTH

AREA OF REMOVED 1,000 GALLON UST

AREA OF REMOVED DISPENSER

GROUND SURFACE

5' BGS

10' BGS

B-2 — ASPHALT — B-3 — ASPHALT — B-6

B-2-1 (3.5 FT) PID-0 NO GRO. PVOC OR NAPH DETECTS

B-2-2 (6 FT) PID-0

#1 (6 FT) PID-0 NO GRO OR PVOC DETECTS

B-2-3 (8 FT) PID-0 NO GRO. PVOC OR NAPH DETECTS

B-2-4 (10 FT) PID-0

B-2-5 (11 FT) PID-0 NO GRO. PVOC OR NAPH DETECTS

REFUSAL AT 11 FEET

#2 (6 FT) PID-2120 424 GRO 424 B 2420 EB 8350 T 23000 1,2,4-TMB 10000 1,3,5-TMB 36300 X

#3 (7 FT) PID-172

#4 (7.5 FT) PID-146 14.3 GRO 50 E 100 T 1030 1,2,4-TMB 502 1,3,5-TMB 957 X

B-3-1 (3.5 FT) PID-0 11 GRO 61 B 106 1,2,4-TMB 119 1,3,5-TMB 116 X

B-3-2 (6 FT) PID-0

B-3-3 (7 FT) PID-0 NO GRO. PVOC OR NAPH DETECTS

REFUSAL AT 7 FEET

B-6-1 (3.5 FT) PID-0 NO GRO. PVOC OR NAPH DETECTS

B-6-2 (6 FT) PID-0

B-6-3 (8 FT) PID-0

B-6-4 (9 FT) PID-0 NO GRO. PVOC OR NAPH DETECTS

REFUSAL AT 9 FEET

GENERAL EXTENT OF PETROLEUM CONTAMINATION IN SOIL IN EXCEEDANCE OF NR720 SOIL CLEAN-UP GUIDELINES

Soil Analytical Results Summary
Hanson Electric BRRTS# 03-49-234619

Sample ID	Depth (feet)	Date	PID	GRO (ppm)	Benzene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naph-thalene (ppb)	Toluene (ppb)	1,2,4-Trime-thylbenzene (ppb)	1,3,5-Trime-thylbenzene (ppb)	Xylene (Total) (ppb)
B-1-1	3.5	06/06/12	15	<10	<8.9	<55	<12	<107	<50	<80	<48	<136
B-1-2	6	06/06/12	0	NOT SAMPLED								
B-1-3	8	06/06/12	0	<10	<25	<25	<25	<25	<25	<25	<25	<75
B-1-4	10	06/06/12	0	NOT SAMPLED								
B-1-5	11	06/06/12	0	<10	<25	<25	<25	<25	<25	<25	<25	<75
B-2-1	3.5	06/06/12	0	<10	<25	<25	<25	<25	<25	<25	<25	<75
B-2-2	6	06/06/12	0	NOT SAMPLED								
B-2-3	8	06/06/12	0	<10	<25	<25	<25	<25	<25	<25	<25	<75
B-2-4	10	06/06/12	0	NOT SAMPLED								
B-2-5	11	06/06/12	0	<10	<25	<25	<25	<25	<25	<25	<25	<75
B-3-1	3.5	06/06/12	0	11	**61**	<25	<25	<25	<25	106	119	116
B-3-2	6	06/06/12	0	NOT SAMPLED								
B-3-3	7	06/06/12	0	<10	<25	<25	<25	<25	<25	<25	<25	<75
B-4-1	3.5	06/06/12	0	<10	<25	<25	<25	<25	<25	<25	<25	<75
B-4-2	6	06/06/12	0	<10	<25	<25	<25	<25	<25	<25	<25	<75
B-5-1	3.5	06/06/12	0	<10	<25	<25	<25	<25	<25	<25	<25	<75
B-5-2	6	06/06/12	0	NOT SAMPLED								
B-5-3	6-8	06/06/12	NO RECOVERY									
B-5-4	8.5	06/06/12	0	<10	<25	<25	<25	<25	<25	<25	<25	<75
B-6-1	3.5	06/06/12	0	<10	<25	<25	<25	<25	<25	<25	<25	<75
B-6-2	6	06/06/12	0	NOT SAMPLED								
B-6-3	8	06/06/12	0	NOT SAMPLED								
B-6-4	9	06/06/12	0	<10	<25	<25	<25	<25	<25	<25	<25	<75
#1	6	09/22/99	0	<6.1	<31	<31	<31	NS	<31	<31	<31	<92
#2	6	09/22/99	2120	**424**	**1210**	**2420**	<600	NS	**8350**	23000	10000	**36300**
#3	7	09/22/99	172	NOT SAMPLED								
#4	7.5	09/22/99	146	14.3	<29	50	<29	NS	100	1030	502	957
NR720				100	5.5	2900	---	---	1500	---	---	4100
NR746 Table 1				---	8500	4600	---	2700	38000	83000	11000	42000
NR746 Table 2				---	1100	---	---	---	---	---	---	---

Bold = NR720 Exceedance
Bold/Underline = NR746 Exceedance
NS = Not Sampled

Put on BRRTS (30)

Richard, Philip E - DNR

From: Richard, Philip E - DNR
Sent: Monday, August 22, 2011 9:10 AM
To: 'Jason Powell, METCO - Staff Scientist'
Subject: Hanson Electric, 03-49-234619

Jason,

I received and reviewed the workplan for the Hanson Electric site dated August 16, 2011. The workplan is acceptable and you may proceed with the proposed work. Let me know if you have any questions.

Thanks,

Phil

Philip E. Richard
Hydrogeologist
Remediation and Redevelopment Program
Wisconsin Department of Natural Resources
phone: 715 762 1352
fax: 715 762 4348
e-mail: philip.richard@wisconsin.gov

Hansen Electric Workplan 8/16/11

Reviewed 8/22/11

- 9/99 1000 gallon UST removed

- # Borings/wells looks good

Rec Eligible
put on BRRTS 8/15/11
(35)

COPY

Review 8/22/11
(300)
(30)

LUST Investigation Field Procedures Workplan

Hanson Electric
613 State Highway 35
Osceola, Wisconsin

August 16, 2011
by METCO
WDNR File Reference #: 03-49-234619
PECFA Claim #: 54020-4045-13

METCO

Excellence through experience™

This document was prepared by:

Jason T. Powell
Staff Scientist

Ronald J. Anderson, P.G.
Senior Hydrogeologist/Project Manager

METCO
Excellence through experience™
1421 State Road 16 ♦ La Crosse, WI 54601 ♦ 1-800-552-2932 ♦ Fax (608) 781-8893 Email: rona@metcohq.com ♦www.metcohq.com

August 16, 2011

WDNR BRRTS#: 03-49-234619
PECFA Claim #: 54020-4045-13

Arlan Hanson
P.O. Box 98
Osceola, WI 54020

Dear Mr. Hanson,

Enclosed is our "LUST Investigation Field Procedures Workplan" concerning the Hanson Electric site in Osceola, Wisconsin. This document outlines the procedures and the methods used to conduct such an investigation.

A copy of this workplan will be sent to the Wisconsin Department of Natural Resources for review.

We appreciate the opportunity to be of service to you on this project. Should you have any questions or require additional information, do not hesitate to contact our La Crosse office.

Sincerely,

Jason T. Powell
Staff Scientist

C: Phil Richard – WDNR

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OBJECTIVES

Requirements of the WDNR

A Leaking Underground Storage Tank (LUST) Investigation is required by the Wisconsin Department of Natural Resources (WDNR) by authority of Section 292.11 of the Wisconsin Statutes. According to the WDNR, any soil that tests over 10 ppm Gasoline Range Organics (GRO) or Diesel Range Organics (DRO) requires an investigation. Any soil that tests over the Chapter NR720 Soil Cleanup Standards or NR746 Table 1/Table 2 Values may require remediation. Any groundwater that tests over the Preventive Action Limits (PAL) or Enforcement Standards (ES) for compounds listed in Chapter NR140 of the Wisconsin Statutes requires an investigation and possible remediation. For a further explanation of WDNR rules and regulations, see Appendix D.

Requirements of the PECFA Program

According to rules adopted in May 2006, the maximum allowable cost for a LUST Investigation shall be no more than $20,000 unless pre-approved by PECFA. All consultant and commodity service costs must not exceed the Wisconsin Department of Safety and Professional Services (WDSPS) Usual and Customary Charges.

Purpose of Document

This document briefly outlines all methods and procedures used by METCO personnel concerning "LUST Investigations". These guidelines are strictly followed unless changed by managing personnel, site conditions, or project situations. All changes will be clearly noted.

All work conducted by METCO is undertaken in accordance with approved methods and regulations of the WDNR Bureau for Remediation and Redevelopment and WDSPS Bureau of PECFA.

This document is site specific and will always be on-site during the project.

INTRODUCTION

Site Name

Hanson Electric

Site Address

613 State Highway 35
Osceola, Wisconsin

Legal Description

SW ¼, SE ¼, Section 34, Township 33 North, Range 19 West, Polk County

Contact or Client

Arlan Hanson
P.O. Box 98
Osceola, WI 54020
(715) 294-3119 Ext. 105

WDNR Project Manager

Phil Richard
WDNR Northern Region Headquarters
875 S. Fourth Avenue
Park Falls, WI 54552-1130
(715) 762-1352

Consultant

METCO
Ronald J. Anderson, P.G.
Jason T. Powell
1421 State Road 16
La Crosse, WI 54601
(608) 781-8879

SITE BACKGROUND

Facility

Hanson Electric has owned the subject property since 1978. The property is used as an office and shop for the company. Prior to this, the property was vacant.

On September 22, 1999, a 1,000 gallon unleaded gasoline UST was removed from the subject property. The UST, which was used for fueling fleet vehicles, was installed in approximately 1985.

During the UST removal, four soil samples were collected beneath the removed UST for field (PID) and/or laboratory (GRO and PVOC) analysis. Petroleum contamination was detected in soil samples #2, #3, and #4, which were collected beneath the north end of the UST. Soil sample #2 was collected at 6 feet below ground surface (bgs) and showed 424 ppm GRO and several NR720 exceedances for PVOC compounds. Soil sample #3 was collected at 7 feet bgs and was only analyzed with a PID showing 172 ppm. Soil sample G-4 was collected at 7.5 feet bgs and showed 15 ppm GRO and several low level detects for PVOC compounds. The petroleum contamination was reported to the WDNR, who then required that a LUST investigation be completed.

The nearest known LUST site is the Custom Fire Apparatus, Inc. site (BRRTS # 03-49-270641), which exists approximately 3,700 feet to the northeast. This site does not appear to be close enough to be impacting or impacted by the subject property.

Potential Risks and Impacts

The Village of Osceola municipal water supply extends as far south as the Osceola Medical Center, which is located approximately 800 feet to the north of the subject property. The nearest municipal well exists approximately 6,700 feet to the east-northeast of the subject property.

The subject property and surrounding properties are all served by private potable wells. Potable well locations will be researched further during the site investigation. The on-site potable well will be sampled for VOC's during the site investigation.

METCO is not currently aware of any other impacts, receptors, risks, or local problems associated with the subject property.

SITE CONDITIONS

Topography

According to the USGS Hydrologic Atlas, Osceola is located in the central portion of the St. Croix River Basin. This area is characterized by a relatively flat glacial outwash plain and numerous kettle lakes.

The elevation of the site is approximately 895 feet above Mean Sea Level (MSL). See Appendix A for site location.

Geology

Native unconsolidated materials in this area generally consist of silty sand to clay. The unconsolidated materials are underlain by sandstone bedrock at approximately 8-10 feet below ground surface.

Hydrology

The nearest surface water is St Croix River, which exists approximately 1 ½ miles to the northwest of the subject property.

Hydrogeology

Groundwater is expected to exist at approximately 40-50 feet below ground surface. Local groundwater flow direction is unknown but expected to be toward the west to northwest.

SCOPE OF WORK

LUST Investigation

An investigation consists of collecting samples of soil and groundwater for analysis by a laboratory for compounds related to petroleum products. The WDNR requires that the investigation determine the degree and extent of contaminants in these mediums, which is commonly referred to as "defining the contaminant plume". Further background information will also be collected to assist in the investigation.

Drilling Project

METCO has proposed 4 to 6 boreholes to be completed on/off site. METCO has also proposed 1 to 3 monitoring wells to be installed on/off site.

The goal of the Drilling Project is to complete the following:

1. Determine general subsurface geotechnical characteristics.
2. Verify, through sampling, the horizontal and vertical extent of soil and groundwater contamination.
3. Install monitoring wells in an arrangement that fully defines the horizontal and vertical extent of groundwater contamination.
4. Develop the monitoring wells.
5. Collect at least two rounds of groundwater samples from the monitoring wells.
6. If conditions warrant, perform slug tests on at least one monitoring well.

Report Preparation

The final report, prepared by METCO, will include background information, observations, procedures, methods, field data, laboratory analysis, site maps, data analysis, risk assessment, conclusions, and recommendations concerning all activities conducted for this project. This report will be submitted to the client and the WDNR or WDSPS for review and discussion.

METCO PROCEDURES AND METHODS

Drilling

Drilling is conducted with a truck mounted auger drill rig. To penetrate any unconsolidated materials, work is conducted in accordance with ASTM D-1452 "Soil Investigation and Sampling by Auger Boring". If bedrock is encountered and cannot be penetrated with auger boring, an accepted air-rotary drilling procedure will be used.

Sampling unconsolidated materials is done in accordance with ASTM D-1586 "Penetration Tests and Split-Barrel Sampling of Soils" using a 2-inch outside diameter (O.D.), 2.5 foot split spoon sampler. Using this procedure, a split spoon sampler is driven into the soil by a 140-pound weight falling 30-inches, and a soil sample collected.

All borings are properly abandoned to ground level using bentonite clay.

HNU Screening

Each of the samples, for headspace analysis, are placed in a clean, clear, plastic Ziploc bag. These containers are to be filled ¼ full. All containers are the same size and filled to the same volume. The containers are then sealed.

Once collected and sealed, samples are shaken for 30 seconds to break apart soil clods. They are then allowed to establish headspace. The following table is used to determine headspace equilibration time.

Outside temperature Time to establish headspace

- <40 deg. F 40 minutes
- 41-55 deg. F 20 minutes
- 56-69 deg. F 10 minutes
- >70 deg. F 5 minutes

To take readings, the HNU probe is inserted into the plastic bag halfway between the sample and the highest meter response recorded. The samples are screened with a MODEL HW-101 HNU Meter equipped with a 10.2-eV lamp. Metered calibration is done at the beginning of each workday. Other notes taken are as follows:

1. Temperature and weather conditions.
2. Date of last factory calibration.
3. Field calibration gas used and concentration.
4. Date and time of last calibration.
5. Instrument gain setting.
6. Erratic instrument readings.
7. Cleaning or repairs performed in the field.
8. Sample moisture (saturated, wet, moist, damp, dry).
9. Petroleum odors or staining of samples.
10. Any instrument quenching.
11. Other relevant information.

Monitoring Wells

Groundwater monitoring well installations are completed under the direction of a METCO hydrogeologist and in accordance with Wisconsin Department of Natural Resources Chapter NR141, "Groundwater Monitoring Well Requirements." The monitoring wells are constructed of flush-threaded, two-inch inside diameter schedule 40 or 80 polyvinyl chloride (PVC) piping. Ten-foot well screens with 0.010-inch slots are installed approximately 5 to 6 feet into the watertable. A uniform washed sand is installed around the well screens to serve as a filter pack. Granular bentonite is used above the filter pack to

provide a surface seal. Steel, locking protective well casings are cemented in at each well. Any variances from NR141 will be reported to the WDNR.

Each well is developed by alternately surging and purging with a clean polyethylene bailer for 20 to 30 minutes to remove fines from the well screen, after which ten well volumes are removed using a submersible pump.

Groundwater level measurements are obtained using an electronic water level indicator. All measurements are recorded to the nearest 0.01-foot. The probe is thoroughly washed between measurements.

At least two rounds of samples are collected using a bottom loading, disposable, polyethylene bailer and disposable polyethylene cord. Approximately four well volumes are purged from each well before collecting samples.

Depending on site conditions and groundwater sampling results, slug tests may be conducted on at least one of the monitoring wells to determine hydrogeologic parameters (hydraulic conductivity, transmissivity, and flow velocity). During the slug test, groundwater in a monitoring well is displaced using a solid plastic slug, while water levels are recorded using a transducer and data logger. Water levels are recorded until the water level in the well returns to equilibrium. Slug test data is evaluated using the Bouwer and Rice method.

Well Elevation Survey

All wells are surveyed to the nearest 0.01-foot MSL by a qualified surveying company.

Sample Analysis

Environmental samples are collected to minimize both soil disturbance and exposure of the sample to the air.

Field observations such as soil characteristics, petroleum odors, product sheens, and staining associated with the samples are continuously noted throughout sampling.

The amount of sample taken, the size of the container used, and the type of sample preservation used, will depend on the laboratory contracted and for which parameters the soil samples are analyzed. See Appendix C for LUST Sample Guidelines.

All collected samples are stored in a cooler that maintains a temperature of, at most, 4 degrees Celsius. The coolers are accompanied by a complete chain of custody and are delivered to the laboratory within two days of sampling.

The WDNR document, "LUST Analytical and Quality Assurance Guidance, July 1993" is referenced in determining what parameters in which the soil and water samples will be analyzed, and the amount of duplicates/blanks required.

Quality Assurance/Quality Control/Waste Management

All drilling and sampling equipment advanced into the subsurface is cleaned between sampling locations. This consists of washing with a biodegradable Alconox solution and rinsing with potable water. Wash and rinse water are disposed of atop an isolated area of asphalt for evaporation or discharged into a local storm sewer.

Drill cuttings, field screened as being contaminated, are contained in 55-gallon DOT barrels, characterized, and properly disposed of by METCO and/or client.

Development and purge waters are contained in 55 gallon DOT barrels, characterized, and properly disposed of by METCO and/or the client. Disposal options will depend on the amount of water, type of contaminants, and concentration of contaminants. All wastewater contaminants and disposal activities are recorded with complete documentation submitted to the WDNR.

Variances

We are not aware of any variances needed at this time.

SCHEDULE FOR INVESTIGATION PROJECT

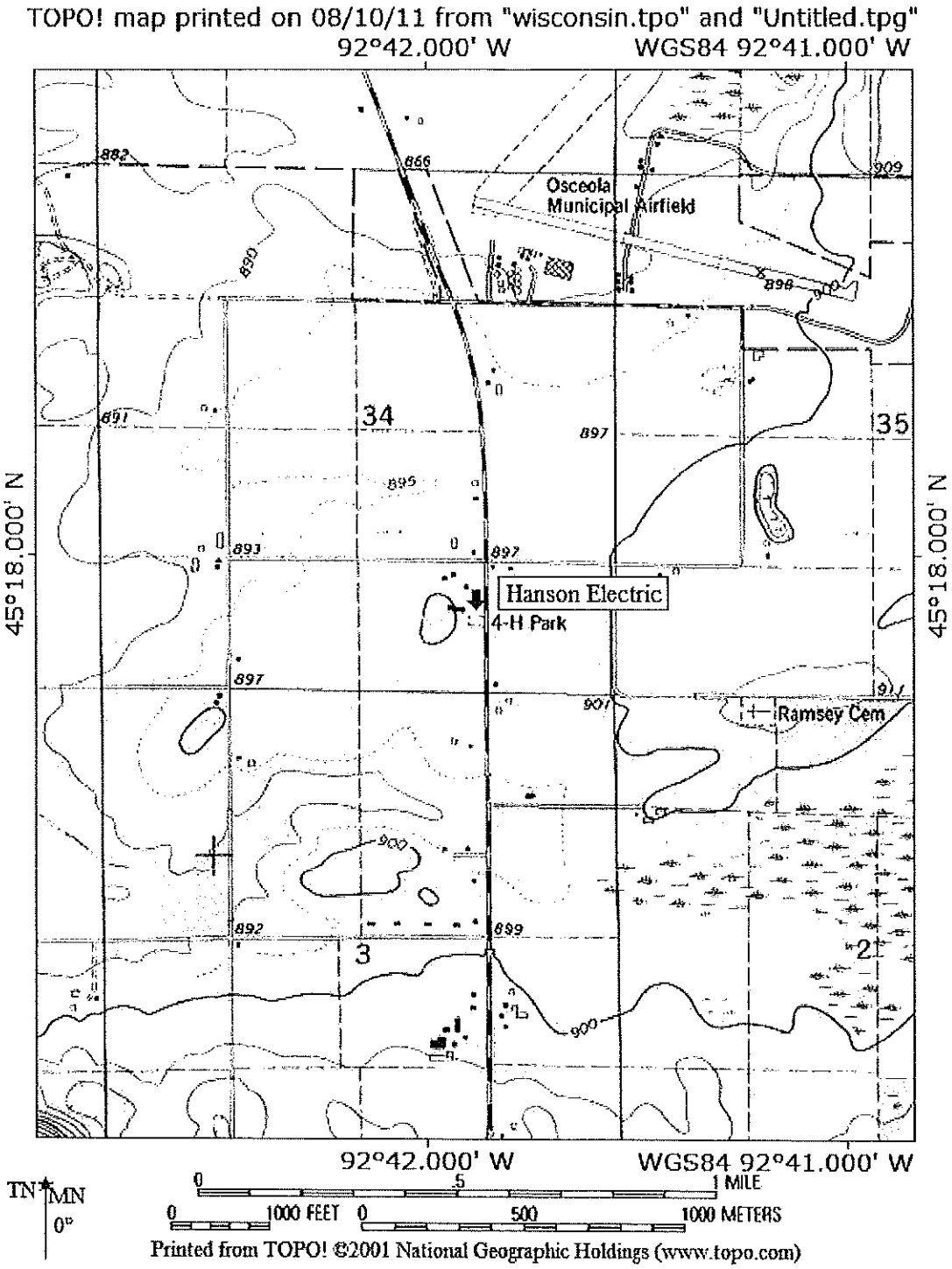
The following is a checklist of activities that have been, or will be completed, concerning the LUST Investigation, along with an estimated time frame. A typical LUST Investigation takes approximately 2 to 6 months. The investigation may take up to 12 months if bedrock or groundwater is contaminated.

1) METCO submits a LUST Investigation Project proposal to client (done).
2) Proposal acceptance by client. METCO notifies the WDNR that a consultant has been contracted (6/9/11).
3) Client obtains PECFA Packet and Site Eligibility Letter from PECFA (5/2/11).
4) METCO submits a LUST Investigation Field Procedures Workplan to client and WDNR for review and approval (8/16/11).
5) METCO conducts Drilling Project (1 month). More than one field

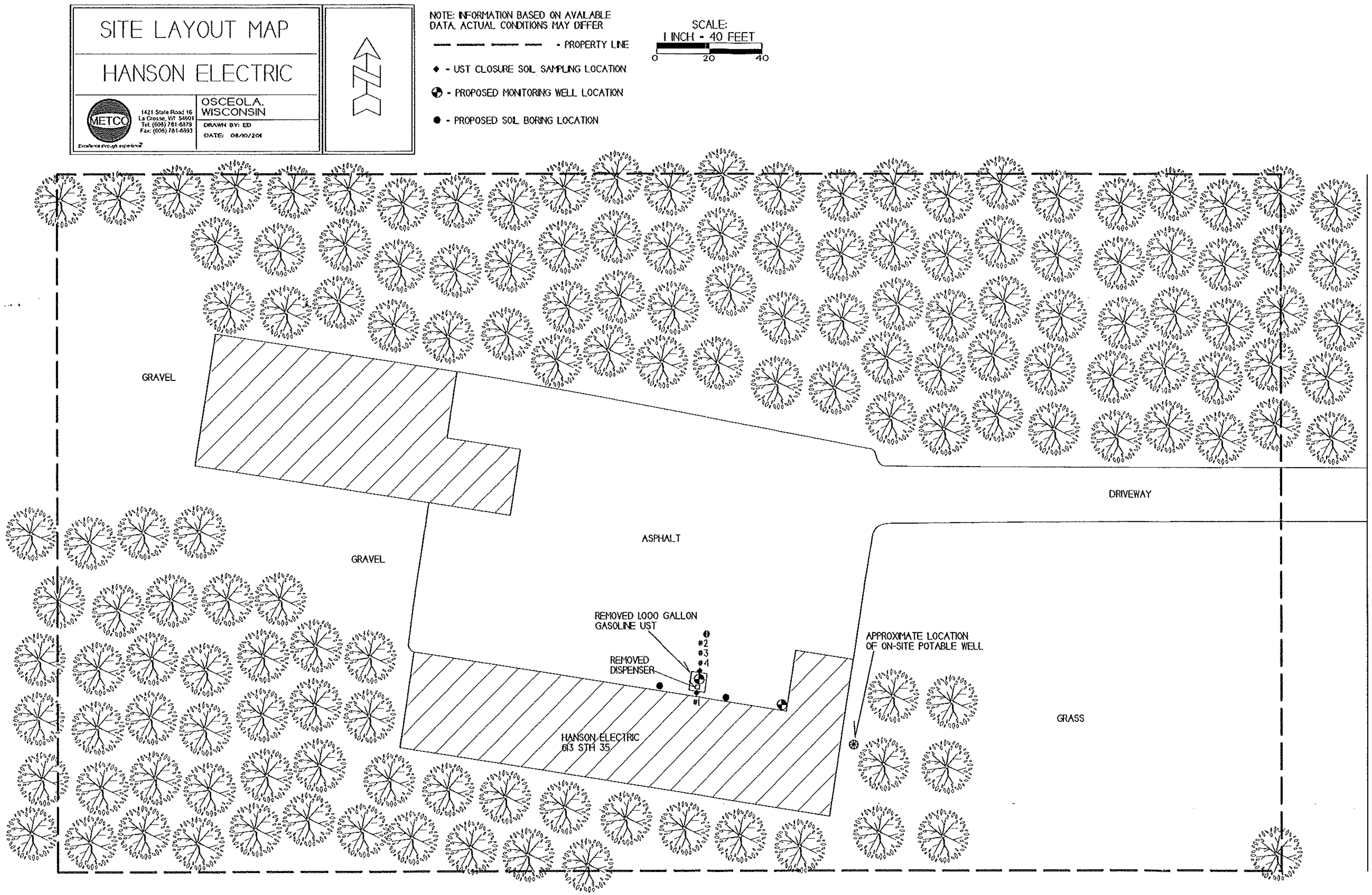
mobilization may be needed to complete project depending on complexity of the site and project (1 month to receive lab results).

6) METCO develops/surveys the installed monitoring wells and collects. Round 1 groundwater samples for laboratory analysis (1 month to receive lab results).
7) METCO collects Round 2 groundwater samples for laboratory analysis (1 month to receive lab results).
8) METCO completes any additional work that is needed, such as slug tests (1 month).
9) METCO prepares a LUST Investigation report that contains all collected data and submits to the client and WDNR (3-6 months).
10) If no further investigation work is required, METCO will apply for "site closure" with the WDNR or WDSPS. Upon closure, METCO will complete the PECFA Application and submit for reimbursement (reimbursement takes 3 to 6 months).
11) If further investigation and/or remediation is required METCO will provide further assistance.

APPENDIX A/SITE MAPS



SITE LOCATION MAP – CONTOUR INTERVAL 10 FEET
HANSON ELECTRIC – OSCEOLA, WI
SEAMLESS USGS TOPOGRAPHIC MAPS ON CD-ROM



SITE LAYOUT MAP
HANSON ELECTRIC
METCO
1421 State Road 16
La Crosse, WI 54601
Tel. (608) 781-8879
Fax: (608) 781-8893
Excellence through experience
OSCEOLA.
WISCONSIN
DRAWN BY: ED
DATE: 08/10/201
N
NOTE: INFORMATION BASED ON AVALABLE
DATA. ACTUAL CONDITIONS MAY DIFFER
- PROPERTY LINE
- UST CLOSURE SOIL SAMPLING LOCATION
- PROPOSED MONITORING WELL LOCATION
- PROPOSED SOIL BORING LOCATION
SCALE:
1 INCH - 40 FEET
0
20
40
GRAVEL
GRAVEL
ASPHALT
DRIVEWAY
STH 35
REMOVED 1,000 GALLON
GASOLINE UST
#2
#3
#4
#1
REMOVED
DISPENSER
APPROXIMATE LOCATION
OF ON-SITE POTABLE WELL
HANSON ELECTRIC
613 STH 35
GRASS

APPENDIX B/INVESTIGATION CHECKLIST

SITE INVESTIGATION CHECKLIST
Revised February 1992 PUBL-SW-115

This checklist was prepared by the Department of Natural Resources. It lists the necessary information to include in a site investigation report, for investigations conducted in accordance with guidelines prepared by the Emergency and Remedial Response Section, of the Bureau of Solid and Hazardous Waste Management, Wisconsin DNR. Sites include those where actions are conducted under the LUST, Spills and Environmental Repair programs. If some of this information is not submitted the report should clearly state why it is omitted. More complete information regarding site investigations is available in the Department's "Guidance on Conducting Environmental Response Actions".

The purpose of the site investigation is to 1) define the extent and degree of contamination and 2) to provide a basis for choosing a remedial action alternative. The narrative portion of the investigation report should clearly address these goals.

The Department strongly recommends that the site investigation report follow the sequence of information listed here. This will allow for a quick completeness check and more timely review of submittals. Incomplete reports will not be reviewed until all the necessary information has been received. The following information should be included in the site investigation, (as appropriate to each case):

I. INTRODUCTION/COVER LETTER

___ 1. Project title
___ 2. Purpose of report and desired department action
___ 3. Client(s)
___ 4. Author(s), with signatures
___ 5. Scope of Services
___ 6. Dates the work was performed
___ 7. Date of report
___ 8. Subcontractors employed by the consultant

II. GENERAL and BACKGROUND INFORMATION

1. General Information

A. Identify the owner/operator and/or person(s) responsible: (include all applicable)
___ 1. name
___ 2. address
___ 3. day phone number
___ 4. contact person (name)
___ 5. address
___ 6. phone number
___ 7. verification of ownership: photocopy of deed or exact legal description of property

B. Specify the site of contamination:
___ 1. name
___ 2. phone number
___ 3. specific location (street corner, miles from an intersection, etc)
___ a. legal address (street address if applicable, do not supply just a P.O. Box #)
___ b. location of impacted properties by latitude and longitude, to an accuracy of seconds, at a minimum (preferred method) or State Plane coordinate system
___ c. location of impacted properties by quarter, quarter, section, township, range, civil township, county, or other locational criteria if site(s) are not within the Public Land Survey system
___ 4. type of operation: gas station, tank farm, private residence, manufacturer, etc.

C. Site Location Maps
1. General Location Map
___ locate on a USGS topographic base map (include quadrangle name, series and scale)
___ locate on a plat map, if applicable

2. Local Base Map: the map must be drawn to scale and include the following items. Other features may also be needed:
___ a. bar scale
___ b. North arrow
___ c. legend
___ d. location of benchmark used
___ e. origin of horizontal grid system

3. Including Site Specific Features: more than one map may be appropriate, use the local map for the base map (These maps may be used for several purposes.)

___ a. location of discharge on site or facility, for example, the location of (former) tank and pump islands and piping
___ b. location of all buildings on site
___ c. locations of public utilities, appropriately marked
___ d. property boundaries
___ e. location of all soil borings and wells (monitoring wells and potable wells)
___ f. location of soil vapor points
___ g. locations of where field screenings and lab confirmation samples were taken
___ h. nearby/neighboring structures and private wells (within 1200 feet)
___ i. any nearby surface waters (within map scale)
___ j. roads and paved areas, and other access areas
___ k. known and potential sources of contamination
___ l. known and potential receptors
___ m. limits of excavation

2. Site Background

A. General Site Information

1. site description, including features like:
___ - number of tanks/containers
___ - volume/size of tanks/containers
___ - tank/container contents, past and present
___ - tank/container age, installation dates
___ - tank/container construction materials
___ - presence and type of leak detection
___ - presence and type of secondary containment
___ 2. general site construction history
___ 3. any past reports of spills, or other incidents
___ 4. periods of nonoperation
___ 5. proximity of sensitive sites such as schools, homes, private or public wells, etc.

B. Description of Discharge Incident

___ 1. type of hazardous substances discharged, known or suspected (released, spilled, lost, etc.)
___ 2. approximate amounts discharged
___ 3. location of impact
___ 4. dates of discharge
___ 5. local problems associated with discharge, e.g. vapors in homes, well contamination, etc.
___ 6. known receptors

C. Impacts

___ 1. existing impacts to human health, safety, welfare and the environment
___ 2. any impacts to adjacent or nearby buildings, wells or other structures
___ 3. names and addresses of owners of adjacent properties, if those properties have been adversely impacted by the hazardous substance discharge

D. Past Activities, Monitoring and Testing

___ 1. dates of site activities, duration and type and potential amounts of discharges
___ 2. description of emergency actions taken and of interim actions taken, including dates
___ 3. record of activities conducted at the site which had potential to cause contamination
___ 4. inventory record system data
5. summary of monitoring results, including:
___ - product monitoring records according to ILHR 10
___ - groundwater monitoring
___ - surface water monitoring
___ - soil monitoring
___ - sediment monitoring
___ - atmospheric monitoring
___ 6. records of testing, repair, removal or replacement, including dates
7. tank/container/line integrity testing
___ method
___ testing firm
___ dates
___ results

E. Hazardous Waste Generation

___ 1. hazardous waste manifest
___ 2. was hazardous waste ever generated or stored on site?

F. Description of Tank/Container and Soil Removal Activities

___ 1. description of soil conditions in the area of the tank/container excavation or in area of discharge
___ 2. volume of (contaminated) soils removed from the excavation
___ 3. location of stockpiled contaminated soils
___ 4. type of impermeable base for stockpiled soils
___ 5. type of impermeable cover for stockpiled soils
___ 6. if excavation was backfilled, what was used as fill?
___ 7. final deposition of soil excavated, where and how were they used? (daily cover, backfill on/off site, roasted, buried, etc.)
___ 8. condition of tanks, lines, pumps (corrosion, visible leaks, etc?)
___ 9. product (other than petroleum) or waste delivery or storage systems

G. Land Use Information

___ 1. current and past land uses of site and neighboring properties
___ 2. description of zoning of property and adjacent properties

3. Environmental Analysis

A. Site Historical Significance

___ 1. impacts or potential impacts to significant historical or archeological features due to any response activities or the discharge itself
___ 2. presence of buildings greater than 50 years old on or next to discharge site

B. Presence of "Sensitive" Environmental Receptors

___ 1. wildlife habitat
___ 2. state or federal threatened or endangered species
___ 3. sensitive or unique ecosystems or species
___ 4. areas of special natural resource interest
___ 5. other surface waters and wetlands, as appropriate

C. Geology (use maps as appropriate)

___ 1. geologic origin, nature and distribution of bedrock
___ 2. geologic origin, nature and distribution of overlying soils
___ 3. thicknesses of various strata (consolidated and unconsolidated)
___ 4. depth to bedrock
___ 5. geophysical characteristics
___ 6. soil types and texture
7. soil descriptions to include:
___ - structure
___ - mottling
___ - voids
___ - layering
___ - lenses
___ - geologic origin
___ - Unified Soil System Classification
___ - grain size distribution, if applicable
___ - evidence of secondary permeability
___ - odor, if evident
___ - staining, if evident
___ 8. bedrock descriptions, if impacted:
___ - rock type
___ - grain size
___ - bedding thickness
___ - presence of fractures
___ - orientation of fractures
___ - sedimentary structures
___ - secondary porosity/solutional features
___ - other
___ 9. topography
___ 10. site hydrology, including
___ - intermittent and ephemeral streams,
___ - drain tile systems,
___ - surface waters
___ - wetlands
___ - location of floodway and floodplain (this may be best located on a site map)

D. Hydrogeology

___ 1. depth to water table
___ 2. flow directions, seasonal variations

___ 3. horizontal and vertical gradients
___ 4. hydraulic characteristics: (define as field test results or non-field estimates)
___ hydraulic conductivity, variation
___ transmissivity
___ storativity
___ 5. aquifer definition:
___ size
___ use
___ presence of aquitards
___ 6. local and regional recharge or discharge area(s)
___ 7. potentiometric surface
___ 8. location, seasonal variation of groundwater divides
___ 9. location and extent of perched groundwater
___ 10. local and regional groundwater quality
___ 11. hydraulic connection between aquifers
___ 12. saturated thickness of aquifer
___ 13. estimates of flow volume passing below the discharge site/facility (include calculations in the appendices)
___ 14. drillers logs which indicated any abnormal drilling difficulties
___ 15. isoconcentration maps
___ 16. other

III. RESULTS

1. Contaminant Migration Pathway and Receptor Assessment

A. Potential Vapor and Product Migration Pathways (include depth of burial and construction material)
___ 1. sewer lines
___ 2. storm sewers
___ 3. buried power cables
___ 4. buried telephone lines
___ 5. tile lines
___ 6. more permeable soil lenses
___ 7. water lines
___ 8. road beds
___ 9. foundations
___ 10. other

B. Potential Receptors of Contamination (description of impacts or potential impacts, if applicable)
___ 1. buildings on site
___ 2. neighboring basements/buildings
___ 3. nearby wells (locations must be provided on a map)
___ 4. nearby surface waters, including wetlands
___ 5. critical habitats
___ 6. endangered species
___ 7. outstanding resource waters
___ 8. exceptional resource waters
___ 9. sensitive or unique ecosystems
___ 10. other

C. Potential Health Impacts
___ 1. danger of explosion
___ 2. contaminated private wells
___ 3. contaminated public water supply wells
___ 4. exposure to vapors
___ 5. dermal exposure
___ 6. other

2. Sampling and Analysis Results (figures and tables should be used, but general trends and the overall evaluation should be in narrative form) Provide units of measurement for all results. Describe or provide the following information for each media impacted:

A. soil chemistry results, per parameter, per location
___ 1. field screening results with locations identified
___ 2. laboratory (confirmation) sample results with locations identified
___ 3. any indication of contamination of soils encountered (staining, odor, etc.)

B. groundwater sample results, per parameter, per well, over time
___ 1. laboratory results
___ 2. trends analysis

___ 3. compliance evaluation with NR 140 groundwater standards, if applicable

C. soil vapor results (define type of survey used)
___ 1. by parameter
___ 2. per location

D. sampling results from other media impacted by the discharge
___ 1. parameters
___ 2. locations

3. Sampling Methods Used (for each media impacted, lists provided for soil and groundwater only)

A. Soils:
___ 1. description of sample collection method
2. field screening or analytical instrument type used
___ lamp strength
___ calibration
___ operating procedure
___ 3. sample container
___ 4. temperature at which the sample was collected
___ 5. time allowed for PID or FID samples to achieve at least 70° F, and location

B. Groundwater
___ 1. method and instruments used to obtain sample
___ 2. any indication of contamination noticed in field
___ 3. whether the well was purged or not, why and how, and amount removed
___ 4. drilling method used
___ 5. monitoring well construction features
6. abandonment methods
___ a. boreholes
___ b. monitoring wells
___ c. excavations
___ 7. survey methods
___ 8. sample container size
___ 9. sample description
___ - turbid
___ - clear
___ - sheen
___ - free product
___ 10. other

C. Vapors/Ambient Air
___ 1. description of sample collection method
___ 2. field screening, if conducted
___ 3. sample container

4. Quality Control and Quality Assurance

A. General QA/QC (for all media impacted)
___ 1. name and address of laboratory
___ 2. laboratory certification number
3. number of blanks, with results:
___ - field blanks
___ - trip blanks
___ - lab spikes
___ - split samples
___ - replicate spikes
___ 4. name and training of person collecting the samples (including certification, if applicable)

B. Field Instrument Quality Control (for all media impacted)
___ 1. instrument make, model and lamp energy
2. limitations of field screening instruments
___ - temperature changes
___ - humidity changes
___ - other
___ 3. any repairs to the instrument
___ 4. field instrument calibration measures conducted
___ 5. time and frequency or schedule of field instrument calibration
___ 6. composition of the calibration gas used (calibration product 7)
___ 7. calibration curves used
___ 8. correction factor if one was used

___ 9. results of any calibration checks
___ 10. time of day and ambient temperature when calibrations, calibration curves or calibration checks were completed
___ 11. time and temperature that samples were equilibrated if the outside temperature is below 60°F at the time of field analysis

C. Field Sampling and Transportation Quality Control and Assurance (for all media impacted)
___ 1. sample type
___ 2. sample location and associated field and laboratory identification
___ 3. sampling technique used
___ 4. sampling techniques used to minimize exposure of samples to the atmosphere
___ 5. date and time of sampling
___ 6. field preservation performed
___ 7. date and time of preservation or extraction
___ 8. decontamination procedures used during the site investigation
___ 9. deviations from standard operating procedures
___ 10. shipping time and technique

D. Laboratory Receipt and Analysis (for all media impacted)
___ 1. chain of custody forms (4400-151)
___ 2. time and date of receipt of samples by the laboratory
___ 3. sample condition on receipt by the laboratory including
- the temperature of the samples and
- whether the samples were properly sealed
___ 4. time and date of analysis
___ 5. method of analysis
___ 6. laboratory detection limit
___ 7. sample results with units of measurement
___ 8. accuracy and precision of replicate spikes
___ 9. results or percent recovery of matrix spikes with every batch of samples not to exceed eight hours

5. Investigative Wastes (for all media impacted, to include but which is not limited to contaminated water from excavations, borings, purge water, rinse waters from decontamination procedures, extra sample)

___ A. analytical results (hazardous determination, if listed?)
___ B. ultimate disposal
___ C. other

IV. SUMMARY AND EVALUATION OF RESULTS (Analysis of Degree and Extent of Contamination)

___ 1. degree and extent of soil contamination
___ 2. degree and extent of groundwater contamination
___ 3. degree and extent of contamination of other media impacted
___ 4. known or potential impacts to receptors, such as water supply wells
___ 4. vapor migration potential
___ 5. impacts from seepage into basements, utility lines, surface waters
___ 6. difficulties experienced during the investigation
___ 7. unanticipated or questionable results
___ 8. details needing emphasis

V. CONCLUSIONS

___ source and type of release defined
___ soil and groundwater contamination adequately defined?
___ further study needed
___ further remediation needed
___ known or potential impacts from the release defined?
___ clean site, ready for case closure
___ other

VI. RECOMMENDATIONS

1. Investigation Incomplete
___ continued monitoring
___ additional investigation

2. Remedial Action Alternatives (provide description of alternatives) e.g.:
___ remediation method (to be) used for contaminated soil

___ soil removal, treatment and disposal
___ soil venting
___ product recovery
___ groundwater extraction and treatment
___ insitu biological treatment
___ other actions (define)

3. Other
___ work plans for further action
___ construction proposals for further action
___ pilot study, other treatability studies
___ schedules for further actions
___ required permits
___ air quality
___ wastewater discharge

VII. FIGURES

1. Site Maps
___ - location maps (regional and local)
___ - water table and/or potentiometric surface maps
___ - isoconcentration maps
___ - surface water depth maps
___ - bedrock and soil type and distribution maps
___ 2. Flow Cross Sections
___ 3. Extent of Contamination in Soil
___ 4. Extent of Contamination in Groundwater (Isoconcentration)
___ 5. Locations of Potential Receptors
___ 6. Geologic Cross-Sections
___ a. geologic setting
___ b. boring location
___ c. soil classification
___ d. analytical sampling
___ e. monitoring well locations
___ f. water table
___ g. extent of contaminant plume
___ h. concentrations at referenced date and point
___ i. sampling intervals (for soil and groundwater)
___ j. of excavation walls showing location of field screening and/or analytical results, as appropriate
___ 7. Photographs (NO black and white photocopies)

VIII. TABLES

___ 1. Groundwater Chemistry Results
___ 2. Soil Chemistry Results
___ 3. Analytical Methods Used
___ 4. Standards for Comparison and Compliance Determinations (Tables with compliance standards should be combined with analytical results for comparison)
___ 5. Geologic and Hydrogeologic Results
___ 6. Groundwater Elevations
___ 7. Screening Results
___ 8. Other

IX. APPENDICES (up to the author)

___ 1. Table giving data for compounds found, such as:
Chemical formula, Molecular weight, Ionic potential, Solubility,
Vapor pressure, Henry's Law Constant, Kow
___ 2. References used to support methods or provide standards methods, including previous reports
___ 3. All raw data
4. All documentation on forms: (DNR form number)
___ a. soil boring logs (4400-122)
___ b. monitoring well construction logs (4400-113A)
___ c. soil boring/well abandonment forms (3300-5B)
___ d. chain of custody forms
___ e. lab/chemistry results
___ f. groundwater monitoring well information form (4400-89)
___ g. monitoring well development form (4400-113B)
___ 5. Variances (for well construction, hazardous waste storage requirements, etc.)

___ 6. Well logs of all impacted wells and potentially impacted wells within 1200' of the discharge site (locate wells on a map)
___ 7. All calculations and assumptions
___ 8. Landfill receipts for disposed soil
___ 9. Regional hydrogeological information references used

Other information that may be needed includes:
- access
- public information plan
- health and safety plan

APPENDIX C/LUST SAMPLING GUIDELINES

Petroleum Substance Discharged	Analysis of Samples Collected for UST Tank Closure Assessments	Solid Waste Program Requirements for Soils to be landfilled[5]	Site Investigation, Pretreatment and Posttreatment Sample Analysis[11]
Regular Gasoline	GRO[2]	Free Liquids[6] GRO Benzene[7] Pb[7] Haz. Waste Deter.[8]	GRO VOC/PVOC[15] Pb[12]
Unleaded Gasoline; Grades 80 100, and 100 LL (Low Lead) Aviation Fuel	GRO[2]	Free Liquids[6] GRO Benzene[7] Pb[7] Haz. Waste Deter.[8]	GRO PVOC
Diesel; Jet Fuels; and No's 1, 2, and 4 Fuel Oil	DRO[3]	Free Liquids[6] DRO Benzene[7] Haz. Waste Deter.[8]	DRO[3] PVOC PAH[13 14]
Crude Oil; Lubricating Oils; No. 6 Fuel Oil	DRO[3]	Free Liquids[6] DRO Haz. Waste Deter.[8]	DRO[3] PAH[13 14]
Unknown Petroleum	GRO[7] and DRO[3 4]	Free Liquids[6] GRO and DRO Pb, Cd[7] Haz. Waste Deter.[8] CN[19] S[2 10]	GRO and DRO[3 4] VOC/PVOC[15] PAH[13 14] Pb, Cd[12]
Waste Oil	DRO[3]	Free Liquids[6] DRO Pb, Cd[7] Haz. Waste Deter.[8] CN[19] S[2 10]	DRO[3] VOC/PVOC[15] PAH[13 14] PCBs[16] Pb, Cd[12]

Abbreviations:

GRO - Gasoline Range Organics, Determined by the Wisconsin Modified GRO Method

DRO - Diesel Range Organics, Determined by the Wisconsin Modified DRO Method

VOC - Volatile Organic Compounds (See Section 11.1 for a list of VOC compounds)

PVOC - Petroleum Organic Compounds (See Section 11.2 for a list of PVOC compounds)

PAH - Polynuclear Aromatic Hydrocarbons (See Section 11.3 for a list of the PAH compounds)

PCBs - Polychlorinated Biphenyls

Pb - Lead

SYNERGY ENVIRONMENTAL LAB – Sample Bottle Requirements

TABLE 1
SAMPLE & PRESERVATION REQUIREMENTS FOR WATER and DRINKING WATER SAMPLES

Test	Original Sample Container	Preserved	Holding Time to Analysis
WET CHEMISTRY			
Alkalinity SM2320B/EPA 310.2	250 mL HDPE	4°C	14 days
Ammonia EPA 350.1	250 mL HDPE	4°C, pH<2 with H_2SO_4	28 days
BOD, cBOD SM5210B	500 ml HDPE	4°C	48 hrs.
COD EPA 410.4	500 ml HDPE	4°C, pH<2 with H_2SO_4	28 days
Chloride EPA 300.0/EPA 325.2	250 mL HDPE	4°C	28 days
Cyanide SW846 9012A/SM4500-CN-C	1000 mL HDPE	4°C, pH>12 with NaOH	14 days
Flashpoint SW846 1010	250 mL HDPE	4°C	28 days
Fluoride EPA 300.0	250 mL HDPE	4°C	28 days
Hardness SW846 6010B	250 mL HDPE	4°C, pH<2 with HNO_3	180 days
TKN EPA 351.2	1 Liter HDPE	4°C, pH<2 with H_2SO_4	28 days
Nitrate EPA 300.0	250 mL HDPE	4°C	48 hours
Nitrate+Nitrite EPA 300.0	250 mL HDPE	4°C, pH<2 with H_2SO_4	28 days
Nitrite EPA 300.0	250 mL HDPE	4°C	48 hours
Oil & Grease EPA 1664	1 Liter Glass	4°C, pH<2 with H_2SO_4	28 days
Organic Carbon SW846 9060/ EPA 415.1	40 ml Glass	4°C, pH<2 with H_2SO_4 or HCL	28 days
Phenol, Total EPA 420.1	1 Liter Glass	4°C, pH<2 with H_2SO_4	28 days
Phosphorus, Total EPA 365.3	250 mL HDPE	4°C, pH<2 with H_2SO_4	28 days
Sulfate EPA 300.0	250 mL HDPE	4°C	28 days
Total Dissolved Solids EPA 160.1	250 ml HDPE	4°C	7 days
Total Solids EPA 160.3	250 ml HDPE	4°C	7 days
Total Suspended Solids EPA 160.2	250 mL HDPE	4°C	7 days
METALS			
Metals	250 mL HDPE	4°C, pH<2 with HNO_3	6 months
Mercury SW8467470/EPA 245.1	250 mL HDPE	4°C, pH<2 with HNO_3	28 days
ORGANICS			
Semivolatiles SW846 8270C	1 Liter amber glass, collect 2 for one of the samples submitted .	4°C	7 days extr. 40 days following extr
PAH SW846 8270C	1 Liter amber glass, collect 2 for one of the samples submitted	4°C	7 days extr. 40 days following extr
PCB SW846 8082	1 Liter amber glass, collect 2 for one of the samples submitted.	4°C	7 days extr. 40 days following extr
DRO, Modified DNR Sep 95	1 Liter amber glass with Teflon lined cap	4°C, 5 mL 50% HCl	7 days extr. 40 days following extr
VOC'S SW846 8260B/EPA524.2	(3) 40 mL glass vials with Teflon lined septum caps	4°C, 0.5 mL 50% HCl, No Headspace	14 days
GRO/VOC	(4) 40 mL glass vials with Teflon lined septum caps	4°C, 0.5 mL 50% HCl prior to adding sample to jar	14 days
GRO, Modified DNR Sep 95	(2) 40 mL glass vials with Teflon lined septum caps	4°C, 0.5 mL 50% HCl prior to adding sample to jar	14 days
GRO/PVOC	(2) 40 mL glass vials with Teflon lined septum caps	4°C, 0.5 mL 50% HCl prior to adding sample to jar	14 days
PVOC	(2) 40 mL glass vials with Teflon lined septum caps	4°C, 0.5 mL 50% HCl prior to adding sample to jar	14 days

All samples are to be cooled to 4°C until tested.
HDPE = High Density Polyethylene.

SYNERGY ENVIRONMENTAL LAB – Sample Bottle Requirements

TABLE 2
SAMPLE & PRESERVATION REQUIREMENTS FOR SOIL SAMPLES

Test	Original Sample Container	Preserved	Holding Times from Date and Time of Collection			
			Solvent Addition	Shipping	Extraction	Analysis
METALS						
Metals	2 oz glass or soil cup	4°C	NA	NA	NA	180 days
Mercury SW846 7471	2 oz glass or soil cup	4°C	NA	NA	NA	28 days
Chromium Hexavalent SM3500-Cr	2 oz glass or soil cup	4°C	NA	NA	NA	24 hours
ORGANICS						
Any combinations of GRO, VOC, PVOC	1- tared VOC vial with 10 mls methanol, 13 grams of soil collected with syringe	4°C, 1:1 with methanol	Immediately	4 days	21 days	21 days
DRO, Modified	1- tared VOC vial, 13 grams of soil collected with syringe jar	4°C, Hexane	10 days	4 days	47 days	47 days
PAH, SW846 8270C	2 oz glass untared	4°C	NA	NA	14 days	40 days
Semivolatile SW846 8270C	2 oz glass untared	4°C	NA	NA	14 days	40 days
PCB SW846 8082	2 oz glass untared	4°C	NA	NA	14 days	40 days

All samples are to be cooled to 4°C until tested.

APPENDIX D/WDNR DOCUMENTS

(b) No soil contamination is present at the site that exceeds any of the soil screening levels in Table 1.

Table 1
Indicators of Residual Petroleum Product in Soil Pores

	Soil Screening Levels (mg/kg)
Benzene	8.5
1,2-DCA	0.6
Ethylbenzene	4.6
Toluene	38
Xylene	42
1,2,4 – Trimethylbenzene	83
1,3,5 – Trimethylbenzene	11
Naphthalene	2.7

(c) There is no soil contamination within 4 feet of the ground surface that exceeds any of the direct contact soil contaminant concentrations for the substances listed in Table 2.

Table 2
Protection of Human Health from Direct Contact with Contaminated Soil

Substance	Soil Contaminant Concentrations (Top 4 ft of the soil) (mg/kg)
Benzene	1.10
1,2-Dichloroethane (DCA)	0.54

HAZARDOUS SUBSTANCE/WASTE RELEASES:

INTERIM SOIL CLEANUP GUIDELINES--PETROLEUM CONTAMINATION

			DNR Closeout Action	
BTEX (1)	GRO/DRO	Soil Type (2)	Soils Accessible	Soils Inaccessible or accessible and not technically and economically feasible
<= NR 720	<= 100 ppm	Permeable (K>10 E-6 cm/s)	Close	Close
<= NR 720	<= 250 ppm	Less Permeable (K<=10 E-6 cm/s)	Close	Close
<= NR 720 or > NR 720	> applic. GRO/DRO		Require additional work	Close with consideration of deed instrument according to guidelines

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(1) BTEX: proposed criteria developed in preparation of NR 720:

Benzene	5.5 ug/kg
Toluene	1500 ug/kg
Ethylbenzene	2900 ug/kg
Xylenes	4100 ug/kg
1,2-DCA	4.9 ug/kg

(2) K: Saturated hydraulic conductivity

(22) "Wastewater and sludge storage or treatment lagoon" means a natural or man–made containment structure, constructed primarily of earthen materials for the treatment or storage of wastewater or sludge, which is not a land disposal system.

History: Cr. Register, September, 1985, No. 357, eff. 10–1–85; cr. (1m), am. (7), (17) and (18), Register, October, 1988, No. 394, eff. 11–1–88; am. (6), cr. (20h) and (20m), Register, March, 1994, No. 459, eff. 4–1–94; cr. (1s), (10e), (10s), (20k), r. and recr. (12), (13), Register, August, 1995, No. 476, eff. 9–1–95; cr. (14m), Register, October, 1996, No. 490, eff. 11–1–96; am. (20), Register, December, 1998, No. 516, eff. 1–1–99; correction in (9) made under s. 13.93 (2m) (b) 7., Stats., Register, April, 2001, No. 544; CR 02–134: cr. (1u), (1w), (1y) and (20s) Register June 2003 No. 570, eff. 7–1–03.

Subchapter II — Groundwater Quality Standards

NR 140.10 Public health related groundwater standards. The groundwater quality standards for substances of public health concern are listed in Table 1.

Note: For all substances that have carcinogenic, mutagenic or teratogenic properties or interactive effects, the preventive action limit is 10% of the enforcement standard. The preventive action limit is 20% of the enforcement standard for all other substances that are of public health concern. Enforcement standards and preventive action limits for additional substances will be added to Table I as recommendations are developed pursuant to ss. 160.07, 160.13 and 160.15, Stats.

Table 1
Public Health Groundwater Quality Standards

Substance[1]	Enforcement Standard (micrograms per liter – except as noted)	Preventive Action Limit (micrograms per liter – except as noted)
Acetochlor	7	0.7
Acetochlor ethane sulfonic acid + oxanilic acid (Acetochlor – ESA + OXA)	230	46
Acetone	9 mg/l	1.8 mg/l
Alachlor	2	0.2
Alachlor ethane sulfonic acid (Alachlor – ESA)	20	4
Aldicarb	10	2
Aluminum	200	40
Ammonia (as N)	9.7 mg/l	0.97 mg/l
Antimony	6	1.2
Anthracene	3000	600
Arsenic	10	1
Asbestos	7 million fibers per liter (MFL)	0.7 MFL
Atrazine, total chlorinated residues	3[2]	0.3[2]
Bacteria, Total Coliform	0[3]	0[3]
Barium	2 milligrams/liter (mg/l)	0.4 mg/l
Bentazon	300	60
Benzene	5	0.5
Benzo(b)fluoranthene	0.2	0.02
Benzo(a)pyrene	0.2	0.02
Beryllium	4	0.4
Boron	1000	200
Bromodichloromethane	0.6	0.06
Bromoform	4.4	0.44
Bromomethane	10	1
Butylate	400	80
Cadmium	5	0.5
Carbaryl	40	4
Carbofuran	40	8
Carbon disulfide	1000	200
Carbon tetrachloride	5	0.5
Chloramben	150	30
Chlordane	2	0.2
Chlorodifluoromethane	7 mg/l	0.7 mg/l
Chloroethane	400	80
Chloroform	6	0.6
Chlorpyrifos	2	0.4
Chloromethane	30	3
Chromium (total)	100	10
Chrysene	0.2	0.02

Table 1 – Continued
Public Health Groundwater Quality Standards

Substance[1]	Enforcement Standard (micrograms per liter – except as noted)	Preventive Action Limit (micrograms per liter – except as noted)
Cobalt	40	8
Copper	1300	130
Cyanazine	1	0.1
Cyanide, free[4]	200	40
Dacthal	70	14
1,2–Dibromoethane (EDB)	0.05	0.005
Dibromochloromethane	60	6
1,2–Dibromo–3–chloropropane (DBCP)	0.2	0.02
Dibutyl phthalate	1000	100
Dicamba	300	60
1,2–Dichlorobenzene	600	60
1,3–Dichlorobenzene	600	120
1,4–Dichlorobenzene	75	15
Dichlorodifluoromethane	1000	200
1,1–Dichloroethane	850	85
1,2–Dichloroethane	5	0.5
1,1–Dichloroethylene	7	0.7
1,2–Dichloroethylene (cis)	70	7
1,2–Dichloroethylene (trans)	100	20
2,4–Dichlorophenoxyacetic Acid (2,4–D)	70	7
1,2–Dichloropropane	5	0.5
1,3–Dichloropropene (cis/trans)	0.4	0.04
Di (2–ethylhexyl) phthalate	6	0.6
Dimethenamid/Dimethenamid–P	50	5
Dimethoate	2	0.4
2,4–Dinitrotoluene	0.05	0.005
2,6–Dinitrotoluene	0.05	0.005
Dinitrotoluene, Total Residues[5]	0.05	0.005
Dinoseb	7	1.4
1,4–Dioxane	3	0.3
Dioxin (2, 3, 7, 8–TCDD)	0.00003	0.000003
Endrin	2	0.4
EPTC	250	50
Ethylbenzene	700	140
Ethyl ether	1000	100
Ethylene glycol	14 mg/l	2.8 mg/l
Fluoranthene	400	80
Fluorene	400	80
Fluoride	4 mg/l	0.8 mg/l
Fluorotrichloromethane	3490	698
Formaldehyde	1000	100
Heptachlor	0.4	0.04
Heptachlor epoxide	0.2	0.02
Hexachlorobenzene	1	0.1
N–Hexane	600	120
Hydrogen sulfide	30	6
Lead	15	1.5
Lindane	0.2	0.02
Manganese	300	60
Mercury	2	0.2

Table 1 – Continued
Public Health Groundwater Quality Standards

Substance[1]	Enforcement Standard (micrograms per liter – except as noted)	Preventive Action Limit (micrograms per liter – except as noted)
Methanol	5000	1000
Methoxychlor	40	4
Methylene chloride	5	0.5
Methyl ethyl ketone (MEK)	4 mg/l	0.8 mg/l
Methyl isobutyl ketone (MIBK)	500	50
Methyl tert–butyl ether (MTBE)	60	12
Metolachlor/s–Metolachlor	100	10
Metolachlor ethane sulfonic acid + oxanilic acid (Metolachlor – ESA + OXA)	1.3 mg/l	0.26 mg/l
Metribuzin	70	14
Molybdenum	40	8
Monochlorobenzene	100	20
Naphthalene	100	10
Nickel	100	20
Nitrate (as N)	10 mg/l	2 mg/l
Nitrate + Nitrite (as N)	10 mg/l	2 mg/l
Nitrite (as N)	1 mg/l	0.2 mg/l
N–Nitrosodiphenylamine	7	0.7
Pentachlorophenol (PCP)	1	0.1
Perchlorate	1	0.1
Phenol	2 mg/l	0.4 mg/l
Picloram	500	100
Polychlorinated biphenyls (PCBs)	0.03	0.003
Prometon	100	20
Propazine	10	2
Pyrene	250	50
Pyridine	10	2
Selenium	50	10
Silver	50	10
Simazine	4	0.4
Styrene	100	10
Tertiary Butyl Alcohol (TBA)	12	1.2
1,1,1,2–Tetrachloroethane	70	7
1,1,2,2–Tetrachloroethane	0.2	0.02
Tetrachloroethylene	5	0.5
Tetrahydrofuran	50	10
Thallium	2	0.4
Toluene	800	160
Toxaphene	3	0.3
1,2,4–Trichlorobenzene	70	14
1,1,1–Trichloroethane	200	40
1,1,2–Trichloroethane	5	0.5
Trichloroethylene (TCE)	5	0.5
2,4,5–Trichlorophenoxy–propionic acid (2,4,5–TP)	50	5
1,2,3–Trichloropropane	60	12
Trifluralin	7.5	0.75
Trimethylbenzenes (1,2,4– and 1,3,5– combined)	480	96
Vanadium	30	6

Table 1 – Continued
Public Health Groundwater Quality Standards

Substance[1]	Enforcement Standard (micrograms per liter – except as noted)	Preventive Action Limit (micrograms per liter – except as noted)
Vinyl chloride	0.2	0.02
Xylene[6]	2 mg/l	0.4 mg/l

[1] Appendix I contains Chemical Abstract Service (CAS) registry numbers, common synonyms and trade names for most substances listed in Table 1.

[2] Total chlorinated atrazine residues includes parent compound and the following metabolites of health concern: 2–chloro–4–amino–6–isopropylamino–s–triazine (formerly deethylatrazine), 2–chloro–4–amino–6–ethylamino–s–triazine (formerly deisopropylatrazine) and 2–chloro–4,6–diamino–s–triazine (formerly diaminoatrazine).

[3] Total coliform bacteria may not be present in any 100 ml sample using either the membrane filter (MF) technique, the presence–absence (P–A) coliform test, the minimal medium ONPG–MUG (MMO–MUG) test or not present in any 10 ml portion of the 10–tube multiple tube fermentation (MTF) technique.

[4] "Cyanide, free" refers to the simple cyanides (HCN, CN^-) and /or readily dissociable metal–cyanide complexes. Free cyanide is regulatorily equivalent to cyanide quantified by approved analytical methods for "amenable cyanide" or "available cyanide".

[5] Dinitrotoluene, Total Residues includes the dinitrotoluene (DNT) isomers: 2,3–DNT, 2,4–DNT, 2,5–DNT, 2,6–DNT, 3,4–DNT and 3,5–DNT.

[6] Xylene includes meta–, ortho–, and para–xylene combined.

History: Cr. Register, September, 1985, No. 357, eff. 10–1–85; am. table 1, Register, October, 1988, No. 394, eff. 11–1–88; am. table 1, Register, September, 1990, No. 417, eff. 10–1–90; am. Register, January, 1992, No. 433, eff. 2–1–92; am. Table 1, Register, March, 1994, No. 459, eff. 4–1–94; am. Table 1, Register, August, 1995, No. 476, eff. 9–1–95; am. Table 1, Register, December, 1998, No. 516, eff. 1–1–99; am. Table 1, boron, Register, December, 1998, No. 516, eff. 12–31–99; am. Table 1, Register, March, 2000, No. 531, eff. 4–1–00; CR 03–063: am. Table 1, Register February 2004 No. 578, eff. 3–1–04; CR 02–095: am. Table 1, Register November 2006 No. 611, eff. 12–1–06; reprinted to correct errors in Table 1, Register January 2007 No. 613; CR 07–034: am. Table 1 Register January 2008 No. 625, eff. 2–1–08; CR 09–102: am. Table 1 Register December 2010 No. 660, eff. 1–1–11.

NR 140.12 Public welfare related groundwater standards. The groundwater quality standards for substances of public welfare concern are listed in Table 2.

Note: For each substance of public welfare concern, the preventive action limit is 50% of the established enforcement standard.

Table 2
Public Welfare Groundwater Quality Standards

Substance	Enforcement Standard (milligrams per liter – except as noted)	Preventive Action Limit (milligrams per liter – except as noted)
Chloride	250	125
Color	15 color units	7.5 color units
Foaming agents MBAS (Methylene–Blue Active Substances)	0.5	0.25
Iron	0.3	0.15
Manganese	0.05	0.025
Odor	3 (Threshold Odor No.)	1.5 (Threshold Odor No.)
Sulfate	250	125
Zinc	5	2.5

History: Cr. Register, September, 1985, No. 357, eff. 10–1–85; am. table 2, Register, October, 1990, No. 418, eff. 11–1–90; am. Table 2, Register, March, 1994, No. 459, eff. 4–1–94.

NR 140.14 Statistical procedures. (1) If a preventive action limit or an enforcement standard for a substance listed in Table 1 or 2, an alternative concentration limit issued in accordance with s. NR 140.28 or a preventive action limit for an indicator parameter established according to s. NR 140.20 (2) is attained or exceeded at a point of standards application:

(a) The owner or operator of the facility, practice or activity at which a standard is attained or exceeded shall notify the appropriate regulatory agency that a standard has been attained or exceeded; and

(b) The regulatory agency shall require a response in accordance with the rules promulgated under s. 160.21, Stats. No response shall be required if it is demonstrated to the satisfaction of the appropriate regulatory agency that a scientifically valid determination cannot be made that the preventive action limit or enforcement standard for a substance in Table 1 or 2 has been attained or exceeded based on consideration of sampling procedures or laboratory precision and accuracy, at a significance level of 0.05.

(2) The regulatory agency shall use one or more valid statistical procedures to determine if a change in the concentration of a substance has occurred. A significance level of 0.05 shall be used for all tests.

(3) In addition to sub. (2), the following applies when a preventive action limit or enforcement standard is equal to or less than the limit of quantitation:

(a) If a substance is not detected in a sample, the regulatory agency may not consider the preventive action limit or enforcement standard to have been attained or exceeded.

(b) If the preventive action limit or enforcement standard is less than the limit of detection, and the concentration of a substance is reported between the limit of detection and the limit of quantitation, the regulatory agency shall consider the preventive action limit or enforcement standard to be attained or exceeded only if:

1. The substance has been analytically confirmed to be present in the same sample using an equivalently sensitive analytical method or the same analytical method, and

2. The substance has been statistically confirmed to be present above the preventive action limit or enforcement standard, determined by an appropriate statistical test with sufficient samples at a significance level of 0.05.

(c) If the preventive action limit or enforcement standard is between the limit of detection and the limit of quantitation, the regulatory agency shall consider the preventive action limit or

APPENDIX E/PROJECT DOCUMENTS

Tank Closure And Environmental Site Assessment Report

For

Arlan Hanson
613 Hwy. 35
Osceola, WI 54020

Site:

Hanson Electric
613 Hwy. 35
Osceola, WI 54020

November 1999

Mark Iverson
CSA #46672

Cedar Corporation
Project #1964-0014-303-01

Cedar Corporation
604 Wilson Avenue
Menomonie, WI 54751

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I. Ownership and Personnel Involved

II. Background Information

III. Tank Closure

IV. Cleaning Wastes

V. Environmental Assessment

VI. Standard of Care

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Figure 2 - Site Layout Plan

TABLE

Table 1 - Soil Sample - Field and Analytical Results

APPENDICES

Appendix A - Site Assessor Certification

Appendix B - Field Procedures

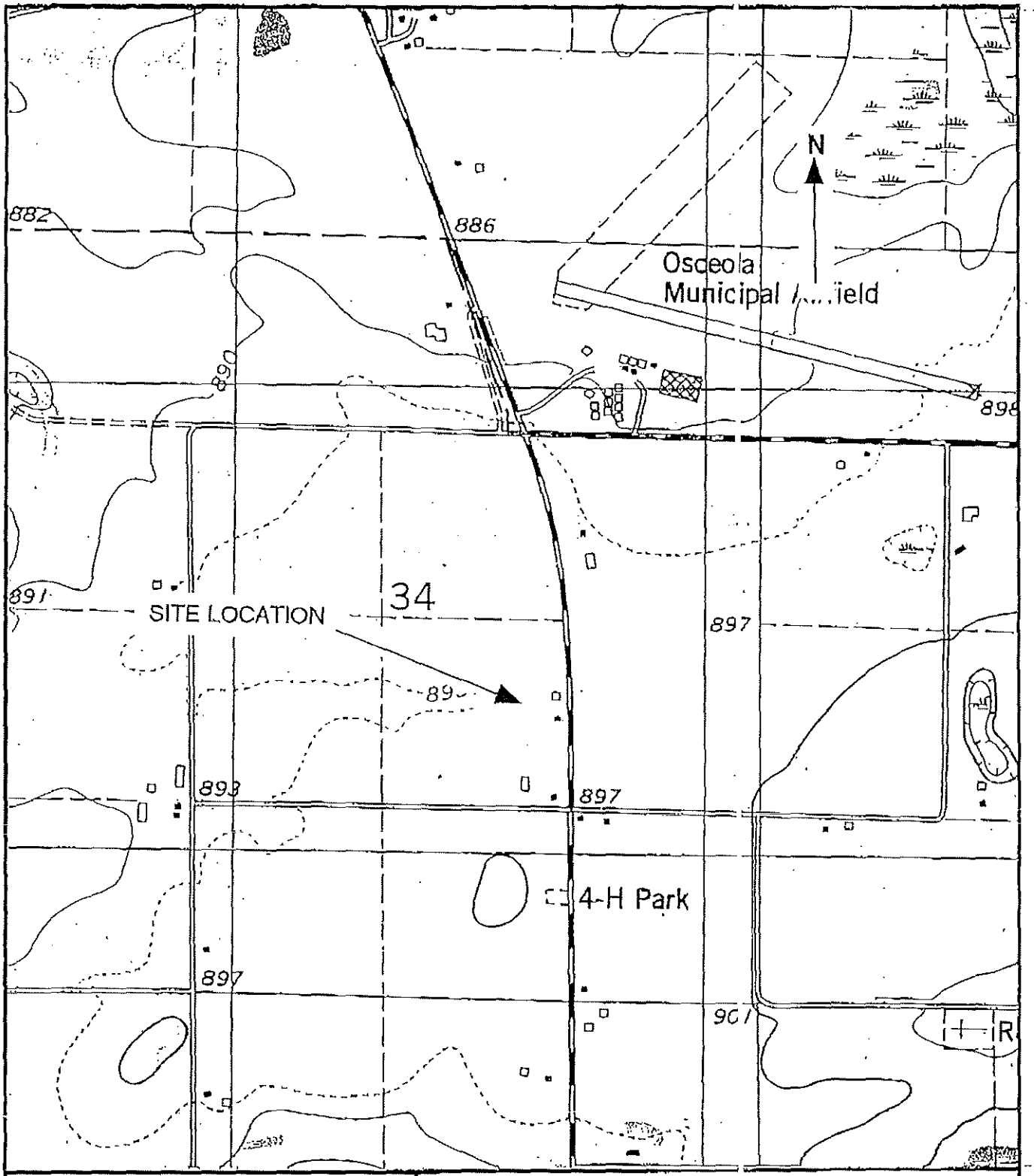
Appendix C - Analytical Results

Appendix D - Tank Inventory Form (SBD-7437)

I. OWNERSHIP AND PERSONNEL INVOLVED

In September 1999, Cedar Corporation provided environmental site assessment consulting services during the closure of one underground storage tank located at Hanson Electric. The site is located on Hwy. 35 South south of Osceola, WI (Figure 1).

Tank Location:	Hanson Electric 613 Hwy. 35 Osceola, WI 54020 NW 1/4 of SW 1/4, Sec. 34, Township 33 N, Range 19 W
Tank Owner:	Arlan Hanson 613 Hwy. 35 Osceola, WI 54020 Phone: 715-294-3119
Engineering/Tank Cleaning Services:	River Oil Company 448 Hwy. 35, P.O. Box 216 Somerset, WI 54025 Phone: 715-247-3383
Certified Tank Removal and Cleaning Technicians:	Richard Leverty Certification No.: 656295
Tank Inspector or Third Party:	Randy Shervey 13143 County Hwy. OO Chippewa Falls, WI 54729-7377 Phone: 715-723-0607 LPO #: 00010
Site Assessment Services:	Cedar Corporation 604 Wilson Avenue Menomonie, WI 54751
Certified Site Assessor:	Mark Iverson Certification #: 46672 Copy of Certification as Appendix A



LEGEND

Osceola, WI - MN
USGS Topographic Quadrangles
7.5 Minute Series, 1978

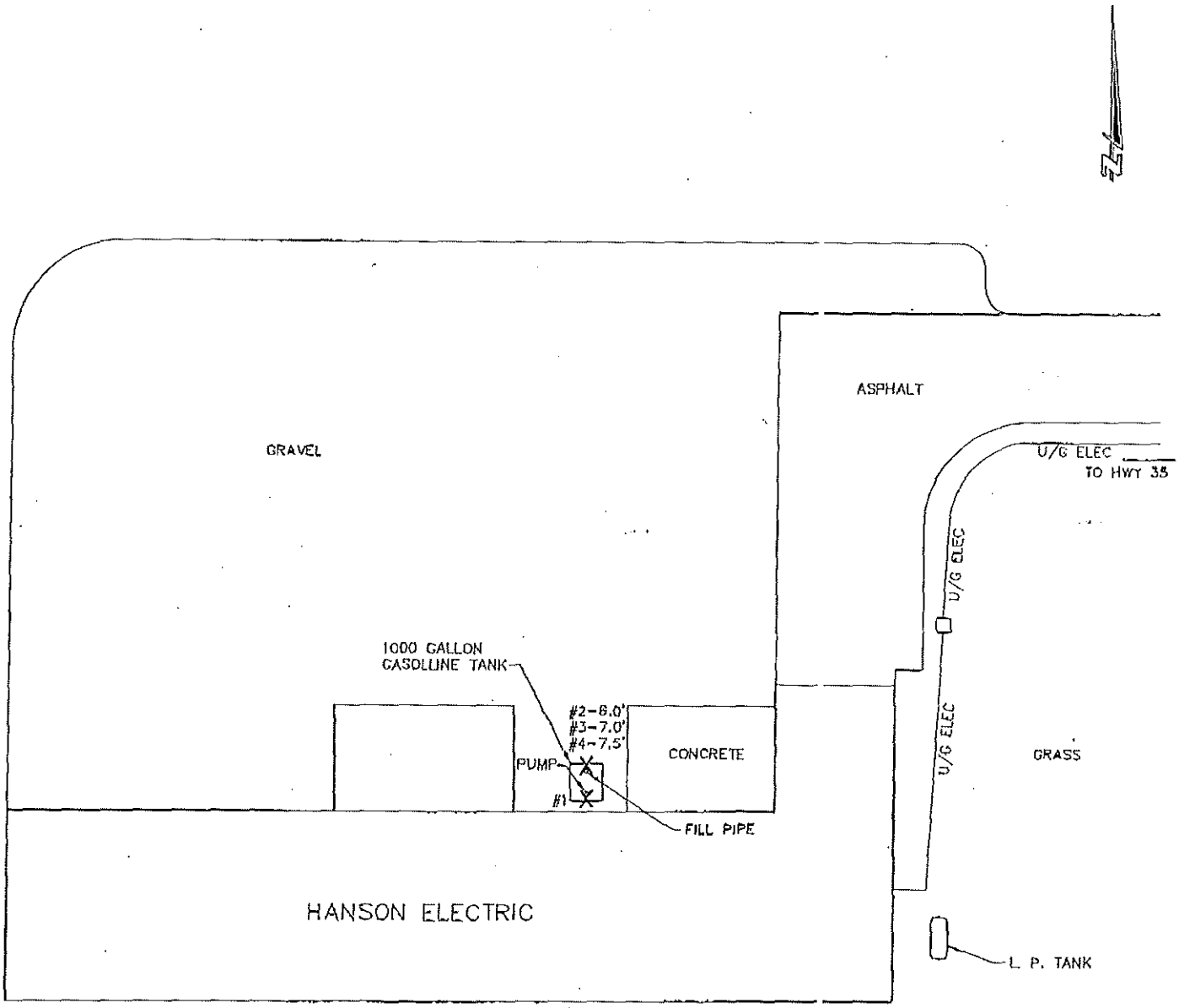
Contour Interval -10 feet
NW1/4, SW1/4, Sect. 34, T33N, R19W
Polk County

Cedar corporation

engineers • architects • planners • environmental specialists
land surveyors • landscape architects • interior designers

604 Wilson Avenue
Menomonie, WI 54751
715-235-9081
800-472-7372
Fax • 715-235-2727
www.cedarcorp.com

DRAWN BY	SITE LOCATION MAP	CHECKED BY
MWI		mwi
DATE: 11/99	HANSON ELECTRIC 613 HWY 35 OSCEOLA, WI 54020	JOB NO.: 1964-0014
REVISED BY: MWI		FIGURE: 1
SCALE: 1" = 1000'		



X #1 = SAMPLE LOCATION

0' 15' 30'

GRAPHIC SCALE (APPROXIMATE)

Cedar corporation
engineers • architects • planners • environmental specialists
land surveyors • landscape architects • interior designers
604 Wilson Avenue
Menomonie, Wisconsin 54751
715-235-9081
800-472-7372
FAX 715-235-2727
www.cedarcorp.com

DRAWN BY	PROJECT TITLE	CHECKED BY
PKF	HANSON ELECTRIC	MWI
DATE: NOV. '99	613 HWY 35	JOB NO. 1964-014
FILE: HANSON.DWG	OSCEOLA, WI 54020	FIGURE 2
SCALE: AS NOTED		

II. BACKGROUND INFORMATION

Property Use:

The property is the current location of the Hanson Electric shop and office.

Tanks:

Tank ID #	Size	Contents	Capacity	Status
324965	1000	Unleaded	1000	Abandoned Removed

Previous Geotechnical Investigations:

No known geotechnical investigations have been completed on the property.

III. TANK CLOSURE INFORMATION

Observations:

Free Product	N	Excavation Depth	7.5 ft.
Soil Staining	N	Free Standing Water	N
Soil Odors	Y		

Tank and Piping Conditions:

Pitted	N	Holed	N
Rusted	Y	Coating Intact	NA

Other Observations: The tank appeared to be in good condition. There were no visible pitts or holes.

IV. CLEANING WASTES

Cleaning and disposal of the tank and piping was completed by Riverview Oil. The cleaning wastes were also collected and transported by Riverview Oil.

V. ENVIRONMENTAL ASSESSMENT

Two soil samples were collected beneath the tank at six feet below ground surface (bgs). An addition sample was collected at 7.5 feet bgs. Samples could not be collected beyond this due to the extremely hard nature of the limestone. Obvious contamination did not limit sample collection.

Sample Method Field: PID
Lab: GRO and PVOC

Laboratory: Test America
602 Commerce Drive
Watertown, WI 53094
Phone: 920-261-1660
WI DNR Certification No. 128053530

TABLE OF RESULTS

SAMPLE ID	DEPTH FT.	PID I.U.	GRO PPM	MOISTURE %
1	6	0	<6.1	18.6
2	6	2120	424	17.4
3	7	172	-	-
4	7.5	146	15	14.3

Results of Assessment:

Analytic results indicate that a release has occurred from the petroleum system at Hanson Electric. The DNR has been notified of the release.

VI. STANDARD OF CARE

Cedar Corporation has completed the work described within this report and warrants its contents to be factual. The analytical results are reported within the limits of the methods employed to provide analyses for the various compounds tested. No guarantee or warranty is expressed or implied of the conclusions forwarded in this report.

TestAmerica
INCORPORATED

ANALYTICAL AND QUALITY CONTROL REPORT

Mr. Mark Iverson
CEDAR CORPORATION
604 Wilson Avenue
Menomonie, WI 54751

10/04/1999

Job No: 99.08492

Enclosed are the Analytical and Quality Control reports for the following samples submitted for analysis:

Sample Number	Sample Description	Date Taken	Date Received
366739	#1 #1964-0014-303-01 Riverview	09/22/1999	09/24/1999
366740	#2 #1964-0014-303-01 Riverview	09/22/1999	09/24/1999
366741	#4 #1964-0014-303-01 Riverview	09/22/1999	09/24/1999

Soil results are reported on a dry weight basis. The above sample(s) may have a result flag shown on the report. The following are the result flag definitions:

A = Analyzed/extracted past hold time
B = Blank is contaminated
C = Standard outside of control limits
D = Diluted for analysis
F = Sample filtered in lab
G = Received past hold time
H = Late eluting hydrocarbons present
I = Improperly handled sample
J = Estimated concentration
L = Common lab solvent and contaminant
M = Matrix interference
P = Improperly preserved sample
Q = Result confirmed via re-analysis
S = Sediment present
T = Does not match typical pattern
W = BOD re-set due to missed dilution
X = Unidentified compound(s) present
Z = Internal standard outside limits

Brian D. DeJong
Organic Operations Manager

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Mr. Mark Iverson
CEDAR CORPORATION
604 Wilson Avenue
Menomonie, WI 54751

10/04/1999
Job No: 99.08492
Sample No: 366739
Account No: 13800

JOB DESCRIPTION: #1964-0014-303-01 Riverview Oil
PROJECT DESCRIPTION: Soil Analysis
SAMPLE DESCRIPTION: #1 #1964-0014-303-01 Riverview
Rec'd on ice

Date/Time Taken: 09/22/1999 08:40 Date Received: 09/24/1999

Parameter	Results	Units	Reporting Limit	Method	Date Analyzed	Prep/Run Batch
Solids, Total	81.4	%	n/a	SW 5030	09/30/1999	295
PVOC - NONAQUEOUS						
Benzene	<31	ug/kg	25	SW 8020	10/01/1999	24
Ethylbenzene	<31	ug/kg	25	SW 8020	10/01/1999	24
Methyl-t-butyl ether	<31	ug/kg	25	SW 8020	10/01/1999	24
Toluene	<31	ug/kg	25	SW 8020	10/01/1999	24
1,2,4-Trimethylbenzene	<31	ug/kg	25	SW 8020	10/01/1999	24
1,3,5-Trimethylbenzene	<31	ug/kg	25	SW 8020	10/01/1999	24
Xylenes, Total	<92	ug/kg	75	SW 8020	10/01/1999	24
GRO	<6.1	mg/kg	5.0	WDNR	10/01/1999	24
Surr: Bromofluorobenzene	99.0	%	n/a	SW 8020	10/01/1999	24

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Mr. Mark Iverson
CEDAR CORPORATION
604 Wilson Avenue
Menomonie, WI 54751

10/04/1999
Job No: 99.08492
Sample No: 366740
Account No: 13800
Page 3 of 4

JOB DESCRIPTION: #1964-0014-303-01 Riverview Oil
PROJECT DESCRIPTION: Soil Analysis
SAMPLE DESCRIPTION: #2 #1964-0014-303-01 Riverview
Rec'd on ice

Date/Time Taken: 09/22/1999 08:45 Date Received: 09/24/1999

Parameter		Results	Units	Reporting Limit	Method	Date Analyzed	Prep/Run Batch
Solids, Total		82.6	%	n/a	SW 5030	09/30/1999	295
PVOC - NONAQUEOUS							
Benzene		1,210	ug/kg	25	SW 8020	10/01/1999	245
Ethylbenzene		2,420	ug/kg	25	SW 8020	10/01/1999	245
Methyl-t-butyl ether		<600	ug/kg	25	SW 8020	10/01/1999	245
Toluene		8,350	ug/kg	25	SW 8020	10/01/1999	245
1,2,4-Trimethylbenzene		23,000	ug/kg	25	SW 8020	10/01/1999	245
1,3,5-Trimethylbenzene		10,000	ug/kg	25	SW 8020	10/01/1999	245
Xylenes, Total		36,300	ug/kg	75	SW 8020	10/01/1999	245
GRO	H	424	mg/kg	5.0	WDNR	10/01/1999	245
Surr: Bromofluorobenzene		86.5	%	n/a	SW 8020	10/01/1999	245

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Mr. Mark Iverson
CEDAR CORPORATION
604 Wilson Avenue
Menomonie, WI 54751

10/04/1999
Job No: 99.08492
Sample No: 366741
Account No: 13800

JOB DESCRIPTION: #1964-0014-303-01 Riverview Oil
PROJECT DESCRIPTION: Soil Analysis
SAMPLE DESCRIPTION: #4 #1964-0014-303-01 Riverview
Rec'd on ice

Date/Time Taken: 09/22/1999 08:50 Date Received: 09/24/1999

Parameter		Results	Units	Reporting Limit	Method	Date Analyzed	Prep/Run Batch
Solids, Total		85.7	%	n/a	SW 5030	09/30/1999	295
PVOC - NONAQUEOUS							
Benzene		<29	ug/kg	25	SW 8020	10/01/1999	2
Ethylbenzene		50	ug/kg	25	SW 8020	10/01/1999	2
Methyl-t-butyl ether		<29	ug/kg	25	SW 8020	10/01/1999	245
Toluene		100	ug/kg	25	SW 8020	10/01/1999	245
1,2,4-Trimethylbenzene		1,030	ug/kg	25	SW 8020	10/01/1999	2
1,3,5-Trimethylbenzene		502	ug/kg	25	SW 8020	10/01/1999	2
Xylenes, Total		957	ug/kg	75	SW 8020	10/01/1999	245
GRO	H	15	mg/kg	5.0	WDNR	10/01/1999	2
Surr: Bromofluorobenzene		97.0	%	n/a	SW 8020	10/01/1999	2

TestAmerica INCORPORATED

CHAIN OF CUSTODY RECORD

94.0849

COMPANY: CEDAR CORPORATION
ADDRESS: 604 WILSON AVE MENOMONIE
PHONE: 715-235-9081 FAX: 235-2727
PROJECT NAME/LOCATION: Riverview Oil - Osceola
PROJECT NUMBER: 1964-0014-305-01
PROJECT MANAGER: Mark Iverson

REPORT TO: Cedar Corporation
INVOICE TO: Cedar
P.O. NO.:
QUOTE NO.:

SAMPLED BY
Mark Iverson (PRINT NAME) — SIGNATURE
(PRINT NAME) — SIGNATURE

DATE	TIME	SAMPLE ID/DESCRIPTION	MATRIX	GRAB	COMP	# and Type of Containers: HCl	NaOH	HNO_3	H_2SO_4	OTHER	ANALYSES: W1-GRO+PVOC	8260
9-22-99	840	#1	S	X						2	X	
	845	#2	S	X					2	2	X	
↓	850	#4	S	X						2	X	

To assist us in selecting the proper method
Is this work being conducted for regulatory compliance monitoring? Yes ___ No ___
Is this work being conducted for regulatory enforcement action? Yes ___ No ___
Which regulations apply: RCRA ___ NPDES Wastewater ___ UST ___ Drinking Water ___ Other ___ None ___

COMMENTS
Preserved with 25 mls MeOH
↓ Bottle Set #3
Bottles Say Hanson Elect.

CONDITION OF SAMPLE: BOTTLES INTACT? YES / NO — COC SEALS PRESENT AND INTACT? YES / NO — TEMPERATURE UPON RECEIPT: 5°C ICE
FIELD FILTERED? YES / NO — VOLATILES FREE OF HEADSPACE? YES / NO — Bottles supplied by LAB? YES / NO

SAMPLE REMAINDER DISPOSAL: RETURN SAMPLE REMAINDER TO CLIENT VIA ___
I REQUEST LAB TO DISPOSE OF ALL SAMPLE REMAINDERS ___ DATE ___

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	RELINQUISHED BY:	DATE	TIME	RECEIVED FOR LAB BY:
	9/23/99	1400			9/24/99	14:50	Shelley Loomis

METHOD OF SHIPMENT: Dunham
REMARKS:

@9/27/99

Reg Obj #: 324965

UNDERGROUND FLAMMABLE/COMBUSTIBLE LIQUID STORAGE TANK INVENTORY

Information Required By Section 101.142, Wis. Stats

Send Completed Form To:
Department of Commerce
Bureau of Storage Tank Regulatk
P.O. Box 7837
Madison, WI 53707-7837

Underground tanks in Wisconsin that have stored or currently store petroleum or regulated substances must be registered. A separate form is needed for each tank. Send each completed form to the agency designated in the top right corner. Have you previously registered this tank by submitting a form? ☐ Yes ☒ No If yes, are you correcting/updating information only? ☐ Yes ☐ No
Personal information you provide may be used for secondary purposes. [Privacy Law, s. 15.04 (1)(m)]

This registration applies to a tank that is (check one):
☐ In Use
☐ Newly Installed
☐ Abandoned with Product
☐ Abandoned without Product (empty)
☒ Closed - Tank Removed
☐ Closed - Filled with Inert Materials
☐ Temporary Out of Service - Provide Date:
☐ Abandon with Water
☐ Ownership Change (Indicate new owner name in block 2)

Fire Department providing fire coverage where tank is located
☐ City ☐ Village
☒ Town of Osceola

A. IDENTIFICATION (Please Print)

1. Tank Site Name: Hanson Electric
☐ City ☐ Village ☒ Town of: Farmington
Site Address: 613 Hwy 35
State: WI. Zip Code: 54020
Site Telephone Number: (715) 294-3119
County: Polk

2. Tank Owner Name: Arlan Hanson
☐ City ☒ Village ☐ Town of: Osceola
Mailing Address: 613
State: Zip Code:
Telephone Number: (715) 294-3112
County: Polk

3. Previous Name:
Previous site address if different than #1:

B. Site ID #:
Facility ID #:
Customer ID #: [redacted]

C. 4. Tank Age (age or date installed): 19
5. Tank Capacity (gallons): 1000

D. LAND OWNER TYPE (check one)
☐ County ☐ Federal Leased ☐ Federal Owned ☐ Municipal ☐ Other Government
☒ Private ☐ State ☐ Tribal Nation

E. OCCUPANCY TYPE (check one)
☐ Gas/Retail Sales ☐ Bulk Storage ☐ Utility ☒ Mercantile/Commercial ☐ Industrial ☐ School ☐ Residential
☐ Agricultural ☐ Backup or Emergency Generator ☐ Other (Specify:)

F. Tank Construction:
☒ Bare Steel ☐ Coated Steel ☐ Unknown
☐ Fiberglass ☐ Steel – Fiberglass Reinforced Plastic Composite
☐ Lined (Date): ☐ Other (specify):

Cathodic Protection
☐ Sacrificial Anodes
☐ Impressed Current
☒ N/A

Overfill Protection? ☐ Yes ☒ No
Spill Containment? ☐ Yes ☒ No
Tank Double Walled? ☐ Yes ☒ No

G. Primary Tank leak detection method:
☐ Inventory control and tightness testing
☒ Manual tank gauging (only for tanks of 1,000 gallons or less)
☐ Automatic tank gauging
☐ Interstitial monitoring
☐ Statistical Inventory Reconciliation (SIR)
☐ Groundwater monitoring
☐ Vapor monitoring
☐ Unknown

H. Piping Construction:
☒ Bare Steel ☐ Coated Steel ☐ Unknown
☐ Fiberglass ☐ Flexible ☐ N/A
☐ Other (specify)

Cathodic Protection
☐ Sacrificial Anodes
☐ Impressed Current
☒ N/A

Pipe Double Walled? ☐ Yes ☒ No

I. Primary Piping System Type: ☐ Pressurized piping with → A. ☐ auto shutoff; B. ☐ alarm or C. ☐ flow restrictor ☐ Unknown
☐ Suction piping with check valve at tank ☒ Suction piping with check valve at pump and inspectable ☐ Not needed if waste oil

J. Piping Leak Detection Method: (used if pressurized or check valve at tank): ☐ SIR ☐ Tightness testing ☐ Electronic line leak monitor
☐ Groundwater monitoring ☐ Vapor monitoring ☐ Interstitial monitoring ☒ Not required ☐ Unknown

K. Vapor Recovery/Stage II CARB #:
☐ Fiberglass ☐ Other (specify): ☐ Flexible ☐ Operational - Provide Date (mo/day/yr):

L. TANK CONTENTS (Current, or previous product if tank now empty)
☐ Diesel ☐ Leaded ☒ Unleaded ☐ Fuel Oil ☐ Gasohol
☐ Other (Specify): ☐ Empty ☐ Sand/Gravel/Slurry* ☐ Unknown* ☐ Premix
☐ Waste/Used Motor Oil ☐ Chemical ☐ Kerosene ☐ Aviation ☐ Hazardous Waste*
(Indicate chemical name and number)

* If chosen, this tank is NOT PECFA eligible.

Geo Latitude:
Geo Longitude:

M. If Tank Closed, Abandoned or Out of Service, give date (mo/day/yr): 9-22-99

Has a site assessment been completed (see reverse side for details)
☒ Yes ☐ No

Owner or Operator Name (please print): Bob Quist
Indicate whether: ☐ Owner or ☒ Operator

Owner or Operator Signature: Bob Quist
Date Signed: 9-22-99

Note: Refer to comments on reverse side of form.

ERS-7437 (R. 04/98)

Wisconsin Department of Industry, Labor and Human Relations

Complete one form for each site closure.

CHECKLIST FOR UNDERGROUND TANK CLOSURE

The information you provide may be used by other government agency programs [Privacy Law, s. 15.04 (1) (m)].

RETURN COMPLETED CHECKLIST TO
Safety & Buildings Division
Fire Prevention & Underground Storage Tank Section
P. O. Box 7969, Madison, WI 53707

A. IDENTIFICATION: (Please Print) Indicate whether closure is for: ☒ Tank System ☐ Tank Only ☐ Piping Only

1. Site Name	2. Owner Name
Hanson Electric	Arlan Hanson
Site Street Address (not P.O. Box)	Owner Street Address
613 St. Hwy 35	
☐ City ☐ Village ☒ Town of: Farmington	☐ City ☐ Village ☒ Town of: Osceola
State WI / Zip Code 54020 / County Polk	State WI / Zip Code 54025 / County Polk / Telephone No. (include area code) (715) 294-3112
3. Closure Company Name (Print) Riverview Oil Co	Closure Company Street Address, 448 Hwy 35 PO Box 216
Closure Company Telephone No. (include area code) (715) 247-3383	Closure Company City, State, Zip Code Somerset WI 54025
4. Name of Company Performing Closure Assessment Mark Iverson/Cedar Corporation	Assessment Company Street Address, City, State, Zip Code 604 Wilson Avenue Menomonie WI 548
Telephone # (include area code) (715) 235-9081 / Certified Assessor Name (Print) Mark Iverson	Assessor Signature / Assessor Certification No. 46672

Tank ID #	Closure	Temp. Closure	Closure In Place	Tank Capacity	Contents *	Closure Assessment
1. 32496	☒	☐	☐	1000	03	☒ Y ☐ N
2.	☐	☐	☐			☐ Y ☐ N
3.	☐	☐	☐			☐ Y ☐ N
4.	☐	☐	☐			☐ Y ☐ N
5.	☐	☐	☐			☐ Y ☐ N
6.	☐	☐	☐			☐ Y ☐ N

* Indicate which product by numeric code: 01-Diesel; 02-Leaded; 03-Unleaded; 04-Fuel Oil; 05-Gasohol; 06-Other; 09-Unknown; 10-Premix; 11-Waste oil; 13-Chemical (indicate the chemical name(s) or numbers(s) _____ _____ _____; 14-Kerosene; 15-Aviation.

Written notification was provided to the local agent 15 days in advance of closure date. ☒ Y ☐ N ☐ NA
All local permits were obtained before beginning closure. ☒ Y ☐ N ☐ NA

Check applicable box at right in response to all statements in Sections B - E.

	Remover Verified	Inspector Verified	NA
B. TEMPORARILY OUT OF SERVICE			
Written inspector approval of temporary closure obtained, which is effective until (provide date) _____	☐ Y ☐ N	☐	☐
1. Product Removed			
a. Product lines drained into tank (or other container) and resulting liquid removed, AND	☐ Y ☐ N	☐	☐
b. All product removed to bottom of suction line, OR	☐ Y ☐ N	☐	☐
c. All product removed to within 1" of bottom.	☐ Y ☐ N	☐	☐
2. Fill pipe, gauge pipe, tank truck vapor recovery fittings, and vapor return lines capped.	☐ Y ☐ N	☐	☐
3. All product lines at the islands or pumps located elsewhere are removed and capped, OR	☐ Y ☐ N	☐	☐
4. Dispensers/pumps left in place but locked and power disconnected.	☐ Y ☐ N	☐	☐
5. Vent lines left open.	☐ Y ☐ N	☐	☐
6. Inventory form filed indicating temporary closure.	☐ Y ☐ N	☐	☐
C. CLOSURE BY REMOVAL			
1. Product from piping drained into tank (or other container).	☒ Y ☐ N	☒	☐
2. Piping disconnected from tank and removed.	☒ Y ☐ N	☒	☐
3. All liquid and residue removed from tank using explosion proof pumps or hand pumps.	☒ Y ☐ N	☒	☐
4. All pump motors and suction hoses bonded to tank or otherwise grounded.	☒ Y ☐ N	☒	☐
5. Fill pipes, gauge pipes, vapor recovery connections, submersible pumps and other fixtures removed. NOTE: DROP TUBE SHOULD NOT BE REMOVED IF THE TANK IS TO BE PURGED THROUGH THE USE OF AN EDUCTOR.	☒ Y ☐ N	☒	☐
6. Vent lines left connected until tanks purged.	☒ Y ☐ N	☒	☐
7. Tank openings temporarily plugged so vapors exit through vent.	☒ Y ☐ N	☒	☐
8. Tank atmosphere reduced to 10% of the lower flammable range (LEL) - see Section F.	☒ Y ☐ N	☒	☐
9. Tank removed from excavation after PURGING/INERTING; placed on level ground and blocked to prevent movement.	☒ Y ☐ N	☒	☐
10. Tank cleaned before being removed being removed from site.	☐ Y ☒ N	☒	☐

SBD-8951 (R. 06/94)

- CONTINUE ON NEXT PAGE -

CLOSURE BY REMOVAL (continued)

	Remover Verified	Inspector Verified	NA
11. Tank labeled in 2" high letters after removal but before being moved from site.	☒ Y ☐ N	☒	☐
NOTE: COMPLETE TANK LABELING SHOULD INCLUDE WARNING AGAINST REUSE; FORMER CONTENTS; VAPOR STATE; VAPOR FREEING TREATMENT; DATE.			
12. Tank vent hole (1/8 th " in uppermost part of tank) installed prior to moving the tank from site.	☒ Y ☐ N	☒	☐
13. Inventory form filed by owner with Safety and Buildings Division indicating closure by removal.	☒ Y ☐ N	☒	☐
14. Site security is provided while the excavation is open.	☒ Y ☐ N	☒	☐

CLOSURE IN PLACE

NOTE: CLOSURES IN PLACE ARE ONLY ALLOWED WITH THE PRIOR WRITTEN APPROVAL OF THE DEPARTMENT OF INDUSTRY, LABOR AND HUMAN RELATIONS OR LOCAL AGENT.

1. Product from piping drained into tank (or other container).			
2. Piping disconnected from tank and removed.	☐ Y ☐ N	☐	☐
3. All liquid and residue removed from tank using explosion proof pumps or hand pumps.	☐ Y ☐ N	☐	☐
4. All pump motors and suction hoses bonded to tank or otherwise grounded.	☐ Y ☐ N	☐	☐
5. Fill pipes, gauge pipes, vapor recovery connections, submersible pumps and other fixtures removed.	☐ Y ☐ N	☐	☐
NOTE: DROP TUBE SHOULD NOT BE REMOVED IF THE TANK IS TO BE PURGED THROUGH THE USE OF AN EDUCTOR - EDUCTOR OUTPUT 12 FT ABOVE GRADE.			
6. Vent lines left connected until tanks purged.	☐ Y ☐ N	☐	☐
7. Tank openings temporarily plugged so vapors exit through vent.	☐ Y ☐ N	☐	☐
8. Tank atmosphere reduced to 10% of the lower flammable range (LEL) - see Section F.	☐ Y ☐ N	☐	☐
9. Tank properly cleaned to remove all sludge and residue.	☐ Y ☐ N	☐	☐
10. Solid inert material (sand, cyclone boiler slag, pea gravel recommended) introduced and tank filled.	☐ Y ☐ N	☐	☐
11. Vent line disconnected or removed.	☐ Y ☐ N	☐	☐
12. Inventory form filed by owner with Safety and Buildings Division indicating closure in place.	☐ Y ☐ N	☐	☐

CLOSURE ASSESSMENTS

NOTE: DETERMINE IF A CLOSURE ASSESSMENT IS REQUIRED BY REFERRING TO ILH 10.

1. Individual conducting the assessment has a closure assessment plan (written) which is used as the basis for their work on the site.	☒ Y ☐ N	☐	☐
2. Do points of obvious contamination exist?	☐ Y ☒ N	☒	☐
3. Are there strong odors in the soils?	☐ Y ☒ N	☒	☐
4. Was a field screening instrument used to pre-screen soil sample locations?	☒ Y ☐ N	☒	☐
5. Was a closure assessment omitted because of obvious contamination?	☐ Y ☒ N	☐	☐
6. Was the DNR notified of suspected or obvious contamination?	☐ Y ☒ N	☐	☐

Agency, office and person contacted: _____

7. Contamination suspected because of: ☐ Odor ☐ Soil Staining ☐ Free Product ☐ Sheen On Groundwater ☐ Field Instrument Test

METHOD OF ACHIEVING 10% LEVEL DESCRIPTION

☐ Educator Or Diffused Air Blower

Eductor driven by compressed air, bonded and drop tube left in place; vapors discharged minimum of 12 feet above ground. Diffused air blower bonded and drop tube removed. Air pressure not exceeding 5 psig.

☐ Dry Ice

Dry ice introduced at 1.5 pounds per 100 gallons of tank capacity. Dry ice crushed and distributed over the greatest possible tank area. Dry ice evaporated before proceeding.

☒ Inert Gas (CO/2 or N/2) NOTE: INERT GASSES PRODUCE AN OXYGEN DEFICIENT ATMOSPHERE. THE TANK MAY NOT BE ENTERED IN THIS STATE WITHOUT SPECIAL EQUIPMENT

Gas introduced through a single opening at a point near the bottom of the tank at the end of the tank opposite the vent. Gas introduced under low pressure not to exceed 5 psig to reduce static electricity. Gas introducing device grounded.

☒ Tank atmosphere monitored for flammable or combustible vapor levels.

Calibrate combustible gas indicator. Drop tube removed prior to checking atmosphere. Tank space monitored at bottom, middle and upper portion of tank. Readings of 10% or less of the lower flammable range (LEL) obtained before removing tank from ground.

NOTE SPECIFIC PROBLEMS OR NONCOMPLIANCE ISSUES BELOW

REMOVER/CLEANER INFORMATION

Remover Name (print)	Remover Signature	Remover Certification No.	Date Signed
Richard A. Lavery	Richard A. Lavery	656295	9-22-99

INSPECTOR INFORMATION

Inspector Name (print)	Inspector Signature	Inspector Certification No.
Randy Stevens	Randy Stevens	35167
FDID # For Location Where Inspection Performed	**Inspector Telephone Number**	**Date Signed**
4809	(715) 723-0607	9-22-99

APPENDIX F/HEALTH AND SAFETY PLAN

SAFETY PLAN INFORMATION

Code: METCO METCO Project No: C2013

Company Name: METCO

Contact:

Last Name: Powell First Name: Jason

Salutation: MR.

P.O. Box Street: 1421 State Road 16

City: La Crosse State WI Zip Code: 54601-0000

Area code: 608 Phone: 781-8879 Fax: (608)781-8893

SITE INFORMATION

Site Name: Hanson Electric

Site Address: 613 State Highway 35 Site Address City: Osceola

Site Address State: WI Site Address Zip Code: 54020 Site Address County: Polk

WDNR Contact: Phil Richard Fire Dept. Contact: Osceola

Project Date: 8/11/2011 Tank Removal Contractor:

General Contractor: METCO

TANK INFORMATION

Tank Sizes\Contents

Tank 1:	1000	Contents:	Gasoline	Age:	Removed
Tank 2:		Contents:		Age:	
Tank 3:		Contents:		Age:	
Tank 4:		Contents:		Age:	
Tank 5:		Contents:		Age:	
Tank 6:		Contents:		Age:	

PURPOSE OF ACTIVITY (Check all appropriate)

New Tank Installation	☐	Tank Closure	☐	Install Tank Leak Detection	☐
Tank/Pipe Removal	☐	Tank\Pipe Repair	☐	Install Spill Protection	☐
Petroleum Release Investigation	☑	Install Remedial System	☐	Install Overfill Protection	☐
Leak Detection Testing	☐	Install Monotoring Wells	☑	Install Kard System	☐

Other

Backgro☐☐formation st☑s Complete ☑ Ir ☐

TYPE OF SITE

SITE HEALTH AND SAFETY PLAN

POTENTAIL HEALTH AND SAFETY HAZARDS (check all appropriate)

Handling\transfer of product:	☐	Heavy Equipment:	☑	Snakes:	☐
* Fire		Noise:	☑	Insects:	☐
* Explosions		Oxygen Depletion:	☐	Rodents:	☐
General Construction:	☑	Excavation	☐	Heat:	☑
* Electrical Hazards		* Cave-ins		Cold:	☑
* Physical Injury		* Falls, slips			
Confined Space Entry:	☐	Poisonous plants:	☐		
* Explosions		Other (Specify):			

Description of site-specific hazards (utilities, terrain, etc.):
Underground utilities and highway traffic

EVALUATION OF CHEMICAL HAZARDS (MSDS sheets attached)

NAME	PHYSICAL STATE	ROUTE OF ENTRY	OSHA PEL/TL	SYMPTOMS OF EXPOSURE
1.	Vapor/Liq	Inh/Skin	25-300PPM	Nausea, Irritation
2.				
3. Gasoline	Vapor/Liq	Inh/Skin	300 PPM	Irritation of eyes and skin, dizzines, and slurred speech
4.				
5.				

ON-SITE PERSONNEL RESPONSIBILITIES

Team Member	Responsibilities
1. Jason Powell	Site Project Management
2. Eric Dahl	Hydrogeologist
3. Brandon Walker	Environmental Tech
4. Troy Moseley	Environmental Tech

METHOD TO CONTROL POTENTIAL HEALTH AND SAFETY HAZARDS

MONITORING INSTRUMENTS

Combustible Gas Indicator: ☐

Action Levels	Action
0-10% LEL	No Explosion Hazard
Action Levels	Action
Normal: 21%	None
Oxygen Deficient: Less than 21%	Notify Health & Safety Officer
Oxygen Deficient: Less than 19.5%	Evacuate

Photoionization Detector: ☑ Flame Ionization Detector: ☐ Detector Tubes: ☐

SITE HEALTH AND SAFETY PLAN

PERSONAL PROTECTIVE EQUIPMENT

Minimum Requirements

1. Hardhat
2. Safety glasses\goggles
3. Steel toes\shank shoes or boots
4. Flame retardant coveralls
5. Hearing protection (muffs or ear plugs)

Is additional PPE required? yes: ☐ no: ☑

Additional Requirements

Uncoated tyvek coveralls: ☐
Saranex tyvek coveralls: ☐
Rubber boots: ☐
Overboots: ☐
Surgical Inner Gloves: ☐
Butyl Neoprene\nitrile outer gloves: ☐

Full face respirators: ☐
* type of catrridge:
SCBA \ SAR: ☐
Other:

Level of protection designated A: ☐ B: ☐ C: ☐ D: ☑

SITE CONTROL

Work Zones

Support Zone: Beyond a 25' Radius of drilling or excavation and upwind of operation

Contamination Reduction Zone: Between 15 foot and 25 foot Radius of drilling or excavation

Exclusion Zone: Within 15 feet Radius of excavation or machine operation

Site Entry Procedure: Obtain approval and instructions from Project Leader.

Decontaminations Procedures:

Personnel: Remove protective equipment and wash hands prior to eating.

Equipment: Wash with brush and Alconox soap and rinsed with portable water.

Investigation-derived material disposal

Stockpiling: The soils will be placed on and covered with plastic. The client will determine the stockpile location, but will have to be approved by the Project Manager. Soils will be disposed of by the most efficient and cost effective approved method. DOT drums: Label drums as to content and date filled. Routinely inspect drums for leakage or spills. Place together in area where movement is at a minimum.

Work Limitations: Daylight hours. No eating, drinking, or smoking in the exclusion zone or the contamination reduction zone.

Employee Limitations:

Site Resources

Plan Approved by: Date:

Shower: ☐ Water Supply: ☑

SITE HEALTH AND SAFETY PLAN

CONTINGENCY PLANNING

LOCAL RESOURCES	Phone Number
Ambulance: Osceola	911
Hospital Emergency Room: Osceola Medical Center	608-723-2143
Poison Control Center: Madison	(800) 283-281
Police Osceola	911
Fire Dept: Osceola	911
Hazardous Waste Response Center:	800-943-0003 Wisconsin EPA 800-424-8802

Location Address: 613 State Highway 35

EMERGENCY ROUTES (attach maps)

Hospital: Osceola Medical Center (2600 65th Avenue) - Travel north on STH 35 approximately 300 feet to 63rd Avenue, turn left on 63rd Ave and travel west approximately 600 feet and turn right into hospital entrance.

Other:

EMERGENCY PROCEDURES

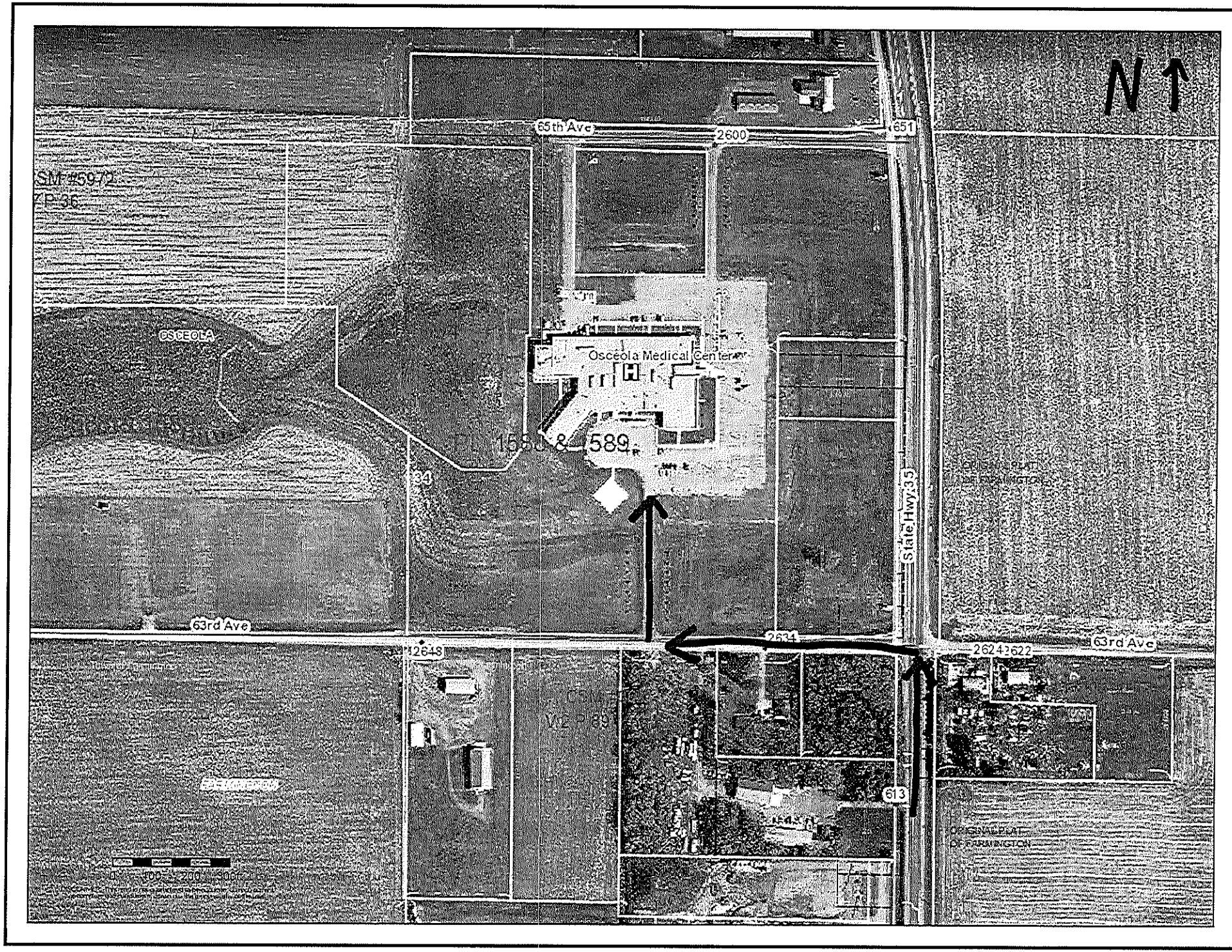
If an emergency develops at the site, the discoverer will take the following course of action:

* Notify the proper emergency service (fire, police, etc.) for assistance.
* Notify other personnel on the site. Notify Project Leader.
* Contact METCO and the client representative to inform them of the incident as soon as possible.
* Prepare a summary report of the incident for METCO and the client representative.

ON-SITE ORGANIZATION	PHONE NUMBERS	
METCO Project Leader: Jason Powell	work	608-781-8879
	home	608-526-6108
METCO Safety Officer: Linda Eastman	work	1-800-236-0448
	home	(608)489-2236
Engineer/Architect Contact:		
Client Contact: Arlan Hanson		(715) 294-3119
METCO Corporate Contact: Paul Knower	home	(608)489-2659
	work	1-800-236-0448

DAILY SAFETY PLAN CHECK

1. Hard-hat
2. Visible fire extinguisher
3. Safety glasses
4. Hearing protection
5. No smoking on site
6. Safety data sheet
7. Route to hospital
8. Barricades (cones, flags, fences, vehicle)
9. Emegency phone numbers
10. Know where the job site book is


N
65th Ave
2600
651
SM #597
P-36
OSCEOLA
Osceola Medical Center
1555 & 589
34
State Hwy 35
63rd Ave
2634
2624
2622
63rd Ave
2648
613
ORIGINAL PLAT
OF FARMINGTON

APPENDIX G/QUALIFICATIONS

Ronald J. Anderson, P.G.

Professional Titles

- Senior Hydrogeologist
- Project Manager

Credentials

- Licensed Professional Geologist in Wisconsin
- Licensed Professional Geologist in Minnesota
- Recognized by the State of Wisconsin Department of Natural Resources (Chapter NR712) as a qualified Hydrogeologist
- Certified by State of Wisconsin/DCOMM to conduct PECFA-funded LUST projects
- Certified tank closure site assessor (#41861) in Wisconsin
- Member of the Wisconsin Groundwater Association
- Member of the Minnesota Groundwater Association
- Member of the Federation of Environmental Technologist, Inc.
- Member of the Wisconsin Fabricare Institute

Education

Includes a BA in Earth Science from the University of Minnesota-Duluth. Applicable courses successfully completed include Hydrogeology, Applied Hydrogeology, Environmental Geology, Geological Field Methods, Geology Field Camp, Geomorphology, Structural Geology, Stratigraphy/Tectonics, Mineralogy/Petrology, Glacial/Quaternary Geology, Geology of North America, Oceanography, General Chemistry, Organic Chemistry, and Environmental Conservation

Post-Graduate Education

Includes Personnel Protection and Safety, Conducting Comprehensive Environmental Property Assessments, Groundwater Flow and Well Hydraulics, Effective Techniques for Contaminated Groundwater Treatment, and numerous other continuing education classes and conferences.

Work Experience

Includes nine months with the Wisconsin Department of Natural Resources Leaking Underground Storage Tank Program regulating LUST sites and since June 1990, with METCO as a Hydrogeologist and Project Manager. Duties have included: managing, conducting, and reporting tank closure assessments; property assessment, LUST investigations; spill investigations; agricultural chemical investigations, dry cleaning chemical investigations, general geotechnical/environmental investigations; Geoprobe projects (soil, groundwater, soil gas sampling); drilling projects (soil boring and monitoring wells); and remedial projects. Since 1989, METCO has sampled/consulted over 700 environmental sites.

Jason T. Powell

Professional Title

- Staff Scientist

Credentials

- Recognized by the State of Wisconsin Department of Natural Resources (Chapter NR712) as a qualified Scientist.

Education

Includes a BS in Groundwater Management from the University of Wisconsin- Stevens Point. Applicable courses successfully completed include Hydrogeology, Applied Hydrogeology, Environmental Geology, Hydrogeology-Groundwater Flow Modeling, Groundwater Management, Structural Geology, Mineralogy, Glacial Geology, Soils, Soil Physics, Hydrology, Geochemistry, Water Chemistry, Organic Chemistry, General Chemistry, Environmental Issues.

Post-Graduate Education

40-hour OSHA Hazardous Materials Safety Training course with 8-hour refresher course.

Work Experience

With METCO since May 1992 as a Geoprobe Assistant and Geoprobe Operator. In June 1995 to July 1996 as a Environmental Technician. In July 1996 as a Staff Scientist. Duties have included: LUST investigations; general geotechnical/environmental investigations; Geoprobe projects (soil, groundwater sampling); drilling projects (soil boring and monitoring wells); remedial projects (sampling, pilot tests, system operation/maintenance) and project management.

Eric J. Dahl

Professional Title

- Hydrogeologist

Credentials

- Recognized by the State of Wisconsin Department of Natural Resources (Chapter NR712) as a qualified Hydrogeologist.
- Registered through the Wisconsin Department of Commerce as a PECFA consultant (#823519).
- Member of the Geological Society of America

Education

Includes B.S. in Geology from the University of Wisconsin-Eau Claire. Applicable courses successfully completed include Environmental Geology, Physical Hydrogeology, Chemical Hydrogeology, Computer Modeling in Hydrogeology, Aqueous Geochemistry, Field Geology I and II, Mineralogy and Petrology I and II, Sedimentology and Stratigraphy, Petroleum and Economic Geology, Earth Resources, Earth History, and Structural Geology.

Post-Graduate Education

40-hour OSHA Hazardous Materials Safety Training course with 8-hour refresher course.

Work Experience

With METCO since November 1999 as a Hydrogeologist. Duties have included: Site Investigations, Phase I and Phase II Environmental Site Assessments, Case Closure Requests/GIS Registry, geoprobe projects (oversight, direction, and sampling), drilling projects/monitoring well installation (oversight, direction, and sampling), soil excavation projects (oversight, direction, and sampling), geoprobe operation, and operation and maintenance of remedial systems.

Brandon A. Walker

Professional Title

- Staff Scientist

Education

Includes B.S. in Geography and a minor in Environmental Studies from the University of Wisconsin- La Crosse. Applicable courses successfully completed include Water Resources, Ecology, Climate Systems, Earth Science, Zoology, Fundamentals of Cartography, Interpretation of Aerial Photography, Global Issues, Urban Geography, Environmental Sociology, and Environmental Studies.

Work Experience

With METCO since April 2007 as a Staff Scientist. Duties have included: soil and groundwater sampling, operation and maintenance of remedial systems, geoprobe projects (oversight, direction, and sampling), site mapping, data reduction and analysis, and reporting.

Troy Moseley

Professional Title

Staff Scientist

Credentials

Registered through the Wisconsin Department of Commerce as a PECFA consultant.

Education

Includes B.S. in Geology with a Hydrogeology concentration from the University of Wisconsin – Eau Claire. Applicable courses successfully completed include Hydrogeology I & II, Environmental Geology, Engineering Geology and Geophysics, Geochemistry, Field Geology I, Rocky Mountain Field Studies, Glacial Geology, Structural Geology, Sedimentology & Stratigraphy, and Mineralogy & Petrology.

Work Experience

With METCO since August 2011 as a Staff Scientist. Duties have included: soil and groundwater sampling, operation and maintenance of remedial systems, geoprobe projects (oversight, direction, and sampling), site mapping, data reduction and analysis, and reporting.

LIST OF ACRONYMS

AST – Aboveground Storage Tank
ASTM – American Society for Testing and Materials
Cd – Cadmium
DOT – Department of Transportation
DRO – Diesel Range Organics
ES – Enforcement Standards
gpm – gallons per minute
GRO – Gasoline Range Organics
HNU – brand name for Photoionization Detector
ID – inside-diameter
LAST – Leaking Aboveground Storage Tank
LUST – Leaking Underground Storage Tank
MSL – Mean Sea Level
MTBE – Methyl-tert-butyl-ether
MW – Monitoring Well
NIOSH – National Institute for Occupational Safety & Health
NR – Natural Resources
OD – outside-diameter
PAH – Polynuclear Aromatic Hydrocarbons
PAL – Preventive Action Limits
Pb – Lead
PECFA – Petroleum Environmental Cleanup Fund
PID – Photoionization Detector
POTW – Publicly Owned Treatment Works
ppb ug/kg – parts per billion
ppm mg/kg – parts per million
psi – pounds per square inch
PVC – Polyvinyl Chloride
PVOC – Petroleum Volatile Organic Compounds
RAP – Remedial Action Plan
scfm – standard cubic feet per minute
SVE – Soil Vapor Extraction
USCS – Unified Soil Classification System
USGS – United States Geological Survey
UST – Underground Storage Tank
VOC – Volatile Organic Compounds
WDNR – Wisconsin Department of Natural Resources
WDSPS – Wisconsin Department of Safety and Professional Sevices
WPDES – Wisconsin Pollutant Discharge Elimination System

WISCONSIN DEPARTMENT OF NATURAL RESOURCES
Park Falls Area Headquarters
875 South Fourth Avenue

Park Falls, WI 54552

FAX TRANSMITTAL MEMO

DATE: 6/23/11 P.F. FAX #: 715/762-4348 P.F. PHONE #: 715/762-3204

TO: Jason Powell

AGENCY: METCO

FAX #: 608 781-8893 (PLACE THIS # ON THE BACK SIDE ALSO)

SUBJECT: Hanson Electric UST Assessment

FROM: Phil Richard

TOTAL PAGES TRANSMITTED (INCLUDING THIS PAGE): 16

Sent 6/23/11

MESSAGE

FORMS\FAXMEMO.SJG

Tank Closure And Environmental Site Assessment Report

For

Arlan Hanson
613 Hwy. 35
Osceola, WI 54020

Site:

Hanson Electric
613 Hwy. 35
Osceola, WI 54020

November 1999

Mark Iverson
CSA #46672

Cedar Corporation
Project #1964-0014-303-01

Cedar Corporation
604 Wilson Avenue
Menomonie, WI 54751

TABLE OF CONTENTS

I. Ownership and Personnel Involved

II. Background Information

III. Tank Closure

IV. Cleaning Wastes

V. Environmental Assessment

VI. Standard of Care

FIGURES

Figure 1 - Site Location Map

Figure 2 - Site Layout Plan

TABLE

Table 1 - Soil Sample - Field and Analytical Results

APPENDICES

Appendix A - Site Assessor Certification

Appendix B - Field Procedures

Appendix C - Analytical Results

Appendix D - Tank Inventory Form (SBD-7437)

I. OWNERSHIP AND PERSONNEL INVOLVED

In September 1999, Cedar Corporation provided environmental site assessment consulting services during the closure of one underground storage tank located at Hanson Electric. The site is located on Hwy. 35 South south of Osceola, WI (Figure 1).

Tank Location:	Hanson Electric 613 Hwy. 35 Osceola, WI 54020 NW 1/4 of SW 1/4, Sec. 34, Township 33 N, Range 19 W
Tank Owner:	Arlan Hanson 613 Hwy. 35 Osceola, WI 54020 Phone: 715-294-3119
Engineering/Tank Cleaning Services:	River Oil Company 448 Hwy. 35, P.O. Box 216 Somerset, WI 54025 Phone: 715-247-3383
Certified Tank Removal and Cleaning Technicians:	Richard Leverty Certification No.: 656295
Tank Inspector or Third Party:	Randy Shervey 13143 County Hwy. OO Chippewa Falls, WI 54729-7377 Phone: 715-723-0607 LPO #: 00010
Site Assessment Services:	Cedar Corporation 604 Wilson Avenue Menomonie, WI 54751
Certified Site Assessor:	Mark Iverson Certification #: 46672 Copy of Certification as Appendix A

II. BACKGROUND INFORMATION

Property Use:

The property is the current location of the Hanson Electric shop and office.

Tanks:

Tank ID #	Size	Contents	Capacity	Status
324965	1000	Unleaded	1000	Abandoned Removed

Previous Geotechnical Investigations:

No known geotechnical investigations have been completed on the property.

III. TANK CLOSURE INFORMATION

Observations:

Free Product	N	Excavation Depth	7.5 ft.
Soil Staining	N	Free Standing Water	N
Soil Odors	Y		

Tank and Piping Conditions:

Pitted	N	Holed	N
Rusted	Y	Coating Intact	NA

Other Observations: The tank appeared to be in good condition. There were no visible pitts or holes.

IV. CLEANING WASTES

Cleaning and disposal of the tank and piping was completed by Riverview Oil. The cleaning wastes were also collected and transported by Riverview Oil.

V. ENVIRONMENTAL ASSESSMENT

Two soil samples were collected beneath the tank at six feet below ground surface (bgs). An addition sample was collected at 7.5 feet bgs. Samples could not be collected beyond this due to the extremely hard nature of the limestone. Obvious contamination did not limit sample collection.

Sample Method Field: PID
Lab: GRO and PVOC

Laboratory:
Test America
602 Commerce Drive
Watertown, WI 53094
Phone: 920-261-1660
WI DNR Certification No. 128053530

TABLE OF RESULTS

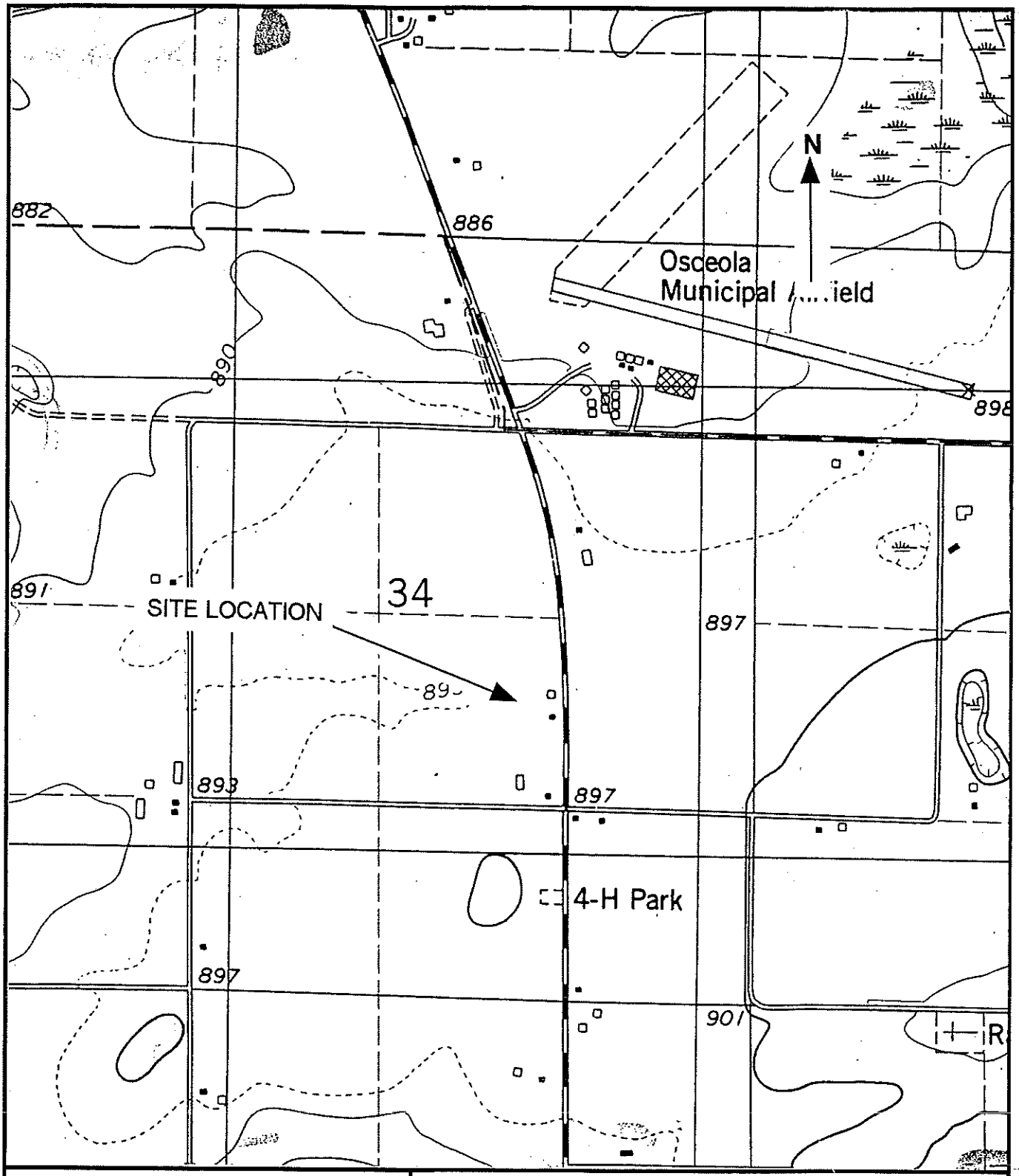
SAMPLE ID	DEPTH FT.	PID I.U.	GRO PPM	MOISTURE %
1	6	0	<6.1	18.6
2	6	2120	424	17.4
3	7	172	-	-
4	7.5	146	15	14.3

Results of Assessment:

Analytic results indicate that a release has occurred from the petroleum system at Hanson Electric. The DNR has been notified of the release.

VI. STANDARD OF CARE

Cedar Corporation has completed the work described within this report and warrants its contents to be factual. The analytical results are reported within the limits of the methods employed to provide analyses for the various compounds tested. No guarantee or warranty is expressed or implied of the conclusions forwarded in this report.



LEGEND

Osceola, WI - MN
USGS Topographic Quadrangles
7.5 Minute Series, 1978

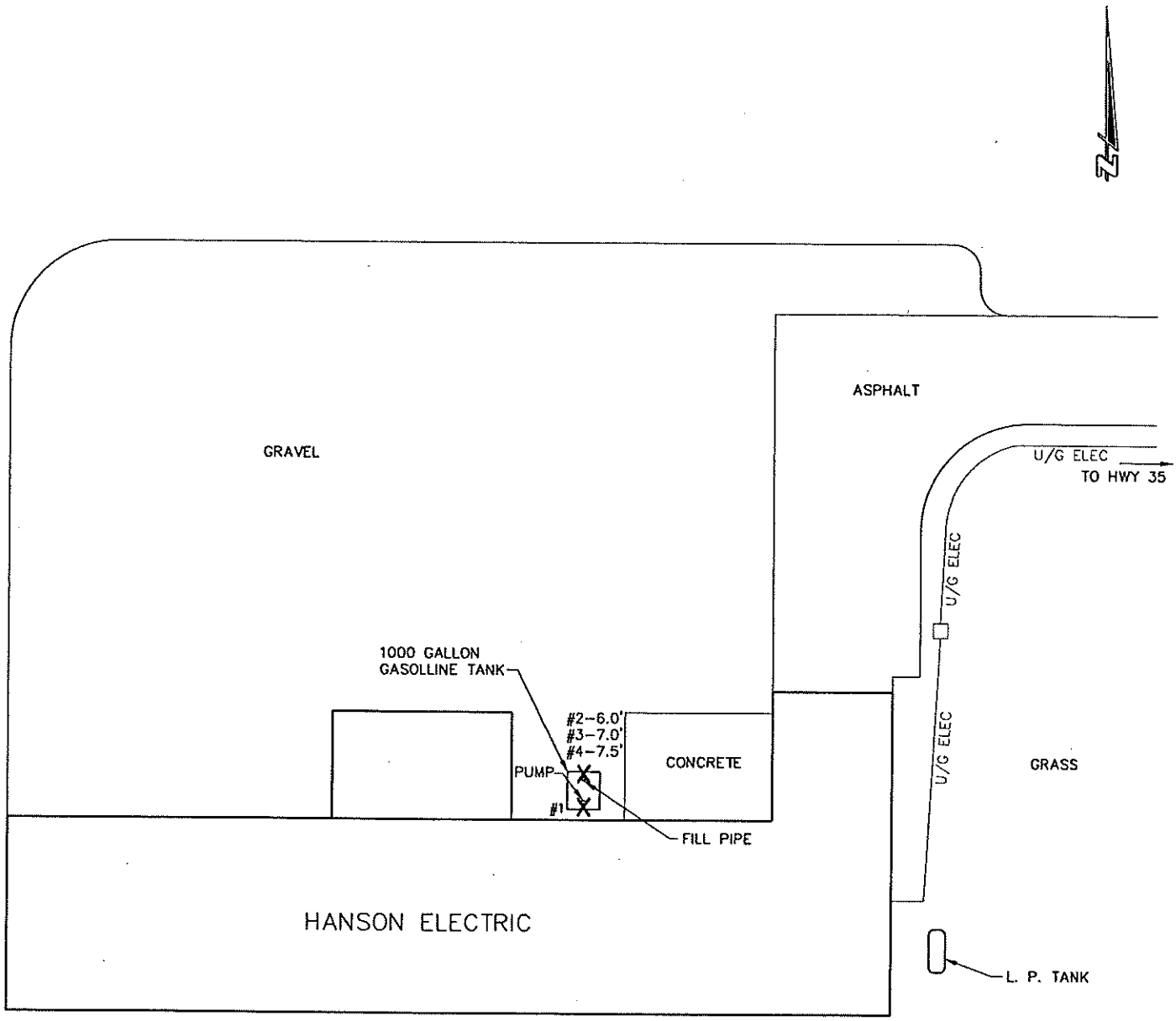
Contour Interval -10 feet
NW1/4, SW1/4, Sect. 34, T33N, R19W
Polk County

Cedar corporation

engineers • architects • planners • environmental specialists
land surveyors • landscape architects • interior designers

604 Wilson Avenue
Menomonie, WI 54751
715-235-9081
800-472-7372
Fax • 715-235-2727
www.cedarcorp.com

DRAWN BY	SITE LOCATION MAP	CHECKED BY
MWI		mwi
DATE: 11/99	HANSON ELECTRIC 613 HWY 35 OSCEOLA, WI 54020	JOB NO.: 1964-0014
REVISED BY: MWI		FIGURE: 1
SCALE: 1" = 1000'		



X #1 = SAMPLE LOCATION

0' 15' 30'

GRAPHIC SCALE (APPROXIMATE)

Cedar corporation
engineers • architects • planners • environmental specialists
land surveyors • landscape architects • interior designers
604 Wilson Avenue
Menomonie, Wisconsin 54751
715-235-9081
800-472-7372
FAX 715-235-2727
www.cedarcorp.com

DRAWN BY: PKF	PROJECT TITLE: HANSON ELECTRIC	CHECKED BY: MWI
DATE: NOV. '99	613 HWY 35	JOB NO.: 1964-014
FILE: HANSON.DWG	OSCEOLA, WI 54020	FIGURE: 2
SCALE: AS NOTED		

TestAmerica
INCORPORATED

ANALYTICAL AND QUALITY CONTROL REPORT

Mr. Mark Iverson
CEDAR CORPORATION
604 Wilson Avenue
Menomonie, WI 54751

10/04/1999

Job No: 99.08492

Enclosed are the Analytical and Quality Control reports for the following samples submitted for analysis:

Sample Number	Sample Description	Date Taken	Date Received
366739	#1 #1964-0014-303-01 Riverview	09/22/1999	09/24/1999
366740	#2 #1964-0014-303-01 Riverview	09/22/1999	09/24/1999
366741	#4 #1964-0014-303-01 Riverview	09/22/1999	09/24/1999

Soil results are reported on a dry weight basis. The above sample(s) may have a result flag shown on the report. The following are the result flag definitions:

A = Analyzed/extracted past hold time
B = Blank is contaminated
C = Standard outside of control limits
D = Diluted for analysis
F = Sample filtered in lab
G = Received past hold time
H = Late eluting hydrocarbons present
I = Improperly handled sample
J = Estimated concentration
L = Common lab solvent and contaminant
M = Matrix interference
P = Improperly preserved sample
Q = Result confirmed via re-analysis
S = Sediment present
T = Does not match typical pattern
W = BOD re-set due to missed dilution
X = Unidentified compound(s) present
Z = Internal standard outside limits

Brian D. DeJong
Organic Operations Manager

602 COMMERCE DRIVE / WATERTOWN, WI 53094 / 920-261-1660 / FAX: 920-261-8120
WDNR NO. 128053530

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ANALYTICAL REPORT

Mr. Mark Iverson
CEDAR CORPORATION
604 Wilson Avenue
Menomonie, WI 54751

10/04/1999
Job No: 99.08492
Sample No: 366739
Account No: 13800

JOB DESCRIPTION: #1964-0014-303-01 Riverview Oil
PROJECT DESCRIPTION: Soil Analysis
SAMPLE DESCRIPTION: #1 #1964-0014-303-01 Riverview
Rec'd on ice

Date/Time Taken: 09/22/1999 08:40 Date Received: 09/24/1999

Parameter	Results	Units	Reporting Limit	Method	Date Analyzed	Prep/Run Batch
Solids, Total	81.4	%	n/a	SW 5030	09/30/1999	295
PVOC - NONAQUEOUS						
Benzene	<31	ug/kg	25	SW 8020	10/01/1999	2454
Ethylbenzene	<31	ug/kg	25	SW 8020	10/01/1999	245
Methyl-t-butyl ether	<31	ug/kg	25	SW 8020	10/01/1999	245
Toluene	<31	ug/kg	25	SW 8020	10/01/1999	2454
1,2,4-Trimethylbenzene	<31	ug/kg	25	SW 8020	10/01/1999	2454
1,3,5-Trimethylbenzene	<31	ug/kg	25	SW 8020	10/01/1999	245
Xylenes, Total	<92	ug/kg	75	SW 8020	10/01/1999	245
GRO	<6.1	mg/kg	5.0	WDNR	10/01/1999	2454
Surr: Bromofluorobenzene	99.0	%	n/a	SW 8020	10/01/1999	245

TestAmerica
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ANALYTICAL REPORT

Mr. Mark Iverson
CEDAR CORPORATION
604 Wilson Avenue
Menomonie, WI 54751

10/04/1999
Job No: 99.08492
Sample No: 366740
Account No: 13800

JOB DESCRIPTION: #1964-0014-303-01 Riverview Oil
PROJECT DESCRIPTION: Soil Analysis
SAMPLE DESCRIPTION: #2 #1964-0014-303-01 Riverview
Rec'd on ice

Date/Time Taken: 09/22/1999 08:45 Date Received: 09/24/1999

Parameter		Results	Units	Reporting Limit	Method	Date Analyzed	Prep/Run Batch
Solids, Total		82.6	%	n/a	SW 5030	09/30/1999	2956
PVOC - NONAQUEOUS							
Benzene		1,210	ug/kg	25	SW 8020	10/01/1999	2454
Ethylbenzene		2,420	ug/kg	25	SW 8020	10/01/1999	2454
Methyl-t-butyl ether		<600	ug/kg	25	SW 8020	10/01/1999	2454
Toluene		8,350	ug/kg	25	SW 8020	10/01/1999	2454
1,2,4-Trimethylbenzene		23,000	ug/kg	25	SW 8020	10/01/1999	2454
1,3,5-Trimethylbenzene		10,000	ug/kg	25	SW 8020	10/01/1999	2454
Xylenes, Total		36,300	ug/kg	75	SW 8020	10/01/1999	2454
GRO	H	424	mg/kg	5.0	WDNR	10/01/1999	2454
Surr: Bromofluorobenzene		86.5	%	n/a	SW 8020	10/01/1999	2454

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Mr. Mark Iverson
CEDAR CORPORATION
604 Wilson Avenue
Menomonie, WI 54751

10/04/1999
Job No: 99.08492
Sample No: 366741
Account No: 13800

JOB DESCRIPTION: #1964-0014-303-01 Riverview Oil
PROJECT DESCRIPTION: Soil Analysis
SAMPLE DESCRIPTION: #4 #1964-0014-303-01 Riverview
Rec'd on ice

Date/Time Taken: 09/22/1999 08:50 Date Received: 09/24/1999

Parameter		Results	Units	Reporting Limit	Method	Date Analyzed	Prep/Run Batch
Solids, Total		85.7	%	n/a	SW 5030	09/30/1999	295
PVOC - NONAQUEOUS							
Benzene		<29	ug/kg	25	SW 8020	10/01/1999	2454
Ethylbenzene		50	ug/kg	25	SW 8020	10/01/1999	245
Methyl-t-butyl ether		<29	ug/kg	25	SW 8020	10/01/1999	245
Toluene		100	ug/kg	25	SW 8020	10/01/1999	2454
1,2,4-Trimethylbenzene		1,030	ug/kg	25	SW 8020	10/01/1999	2454
1,3,5-Trimethylbenzene		502	ug/kg	25	SW 8020	10/01/1999	245
Xylenes, Total		957	ug/kg	75	SW 8020	10/01/1999	245
GRO	H	15	mg/kg	5.0	WDNR	10/01/1999	2454
Surr: Bromofluorobenzene		97.0	%	n/a	SW 8020	10/01/1999	2454

CHAIN OF CUSTODY RECORD

94.0849

TestAmerica INCORPORATED

COMPANY Cedar Corporation
ADDRESS 609 Wilson Ave Menomonie
PHONE 715-235-9081 FAX 235-2727
PROJECT NAME/LOCATION Riverview Oil - Osceola
PROJECT NUMBER 1964-0014-303-01
PROJECT MANAGER Mark Iverson

REPORT TO: Cedar Corporation
INVOICE TO: Cedar
P.O. NO.
QUOTE NO.

SAMPLED BY
Mark Iverson (PRINT NAME) Mark Iverson SIGNATURE
(PRINT NAME) SIGNATURE

DATE	TIME	SAMPLE ID/DESCRIPTION	MATRIX	GRAB	COMP	# and Type of Containers: HCl	NaOH	HNO_3	H_2SO_4	OTHER	ANALYSES: WI-GRO+PVOC	BTOX
9-22-99	840	#1	S	X						2	X	
	845	#2	S	X					2	3	X	
↓	850	#4	S	X						3	X	

To assist us in selecting the proper method
Is this work being conducted for regulatory compliance monitoring? Yes ____ No ____
Is this work being conducted for regulatory enforcement action? Yes ____ No ____
Which regulations apply: RCRA ____ NPDES Wastewater ____ UST ____ Drinking Water ____ Other ____ None ____

COMMENTS
Preserved with 25mls MeOH
↓ Bottle says #3
Bottles Say Hanson Electr.

CONDITION OF SAMPLE: BOTTLES INTACT? YES / NO
FIELD FILTERED? YES / NO
COC SEALS PRESENT AND INTACT? YES / NO
VOLATILES FREE OF HEADSPACE? YES / NO
TEMPERATURE UPON RECEIPT: On Ice
Bottles supplied by LAB? YES / NO

SAMPLE REMAINDER DISPOSAL: RETURN SAMPLE REMAINDER TO CLIENT VIA ____
I REQUEST LAB TO DISPOSE OF ALL SAMPLE REMAINDERS ____ DATE ____

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	RELINQUISHED BY:	DATE	TIME	RECEIVED FOR LAB BY:
Mark Iverson	9/23/99	1400			9/24/99	14:50	Shirley Loomis

METHOD OF SHIPMENT: Dunham
REMARKS:
09/21/99

PT 1 - ORIGINAL - WHITE PT 2 - PROJECT MANAGER - YELLOW PT 3 - CUSTOMER COPY - PINK

Reg Obj #: 324965

UNDERGROUND FLAMMABLE/COMBUSTIBLE LIQUID STORAGE TANK INVENTORY

Information Required By Section 101.142, Wis. Stats.

Send Completed Form To:
Department of Commerce
Bureau of Storage Tank Regulation
P.O. Box 7837
Madison, WI 53707-7837

Underground tanks in Wisconsin that have stored or currently store petroleum or regulated substances must be registered. A separate form is needed for each tank. Send each completed form to the agency designated in the top right corner. Have you previously registered this tank by submitting a form? ☐ Yes ☒ No If yes, are you correcting/updating information only? ☐ Yes ☐ No

Personal information you provide may be used for secondary purposes. [Privacy Law, s. 15.04 (1)(m)]

This registration applies to a tank that is (check one):
☐ In Use ☒ Closed - Tank Removed ☐ Ownership Change (Indicate new owner name in block 2)
☐ Newly Installed ☐ Closed - Filled with Inert Materials
☐ Abandoned with Product ☐ Temporary Out of Service - Provide Date: _____
☐ Abandoned without Product (empty) ☐ Abandon with Water

Fire Department providing fire coverage where tank is located: ☐ City ☐ Village ☒ Town of Osceola

A. IDENTIFICATION (Please Print)

1. Tank Site Name: Hanson Electric
☐ City ☐ Village ☒ Town of: Farmington

Site Address: 613 Hwy 35
State: WI. Zip Code: 54020
Site Telephone Number: (715) 294-3119
County: Polk

2. Tank Owner Name: Arlan Hanson
☐ City ☒ Village ☐ Town of: Osceola

Mailing Address: 613
State: _____ Zip Code: _____
Telephone Number: (715) 294-3112
County: Polk

3. Previous Name: _____
Previous site address if different than #1: _____

B. Site ID #: _____ Facility ID #: _____ Customer ID #: [redacted]

C. 4. Tank Age (age or date installed): 19 5. Tank Capacity (gallons): 1000

D. LAND OWNER TYPE (check one)
☐ County ☐ Federal Leased ☐ Federal Owned ☐ Municipal ☐ Other Government
☒ Private ☐ State ☐ Tribal Nation

E. OCCUPANCY TYPE (check one)
☐ Gas/Retail Sales ☐ Bulk Storage ☐ Utility ☒ Mercantile/Commercial ☐ Industrial ☐ School ☐ Residential
☐ Agricultural ☐ Backup or Emergency Generator ☐ Other (Specify:)

F. Tank Construction:
☒ Bare Steel ☐ Coated Steel ☐ Unknown
☐ Fiberglass ☐ Steel – Fiberglass Reinforced Plastic Composite
☐ Lined (Date): ☐ Other (specify):

Cathodic Protection: ☐ Sacrificial Anodes ☐ Impressed Current ☒ N/A

Overfill Protection? ☐ Yes ☒ No
Spill Containment? ☐ Yes ☒ No
Tank Double Walled? ☐ Yes ☒ No

G. Primary Tank leak detection method:
☐ Inventory control and tightness testing ☐ Automatic tank gauging ☐ Groundwater monitoring
☒ Manual tank gauging (only for tanks of 1,000 gallons or less) ☐ Interstitial monitoring ☐ Vapor monitoring
☐ Statistical Inventory Reconciliation (SIR) ☐ Unknown

H. Piping Construction:
☒ Bare Steel ☐ Coated Steel ☐ Unknown
☐ Fiberglass ☐ Flexible ☐ N/A
☐ Other (specify)

Cathodic Protection: ☐ Sacrificial Anodes ☐ Impressed Current ☒ N/A

Pipe Double Walled? ☐ Yes ☒ No

I. Primary Piping System Type: ☐ Pressurized piping with → A. ☐ auto shutoff; B. ☐ alarm or C. ☐ flow restrictor ☐ Unknown
☐ Suction piping with check valve at tank ☒ Suction piping with check valve at pump and inspectable ☐ Not needed if waste oil

J. Piping Leak Detection Method: (used if pressurized or check valve at tank): ☐ SIR ☐ Tightness testing ☐ Electronic line leak monitor
☐ Groundwater monitoring ☐ Vapor monitoring ☐ Interstitial monitoring ☒ Not required ☐ Unknown

K. Vapor Recovery/Stage II CARB #: _____
☐ Fiberglass ☐ Other (specify): ☐ Flexible ☐ Operational - Provide Date (mo/day/yr):

L. TANK CONTENTS (Current, or previous product if tank now empty)
☐ Diesel ☐ Leaded ☒ Unleaded ☐ Fuel Oil ☐ Gasohol
☐ Other (Specify): _____ ☐ Empty ☐ Sand/Gravel/Slurry* ☐ Unknown* ☐ Premix
☐ Waste/Used Motor Oil ☐ Chemical _____ ☐ Kerosene ☐ Aviation ☐ Hazardous Waste*
(Indicate chemical name and number)

* If chosen, this tank is NOT PECFA eligible.

Geo Latitude: _____ Geo Longitude: _____

M. If Tank Closed, Abandoned or Out of Service, give date (mo/day/yr): 9-22-99

Has a site assessment been completed (see reverse side for details)
☒ Yes ☐ No

Owner or Operator Name (please print): Bob Quist
Indicate whether: ☐ Owner or ☒ Operator

Owner or Operator Signature: Bob Quist
Date Signed: 9-22-99

Note: Refer to comments on reverse side of form.

ERS-7437 (R. 04/98)

Wisconsin Department of Industry, Labor and Human Relations

Complete one form for each site closure.

CHECKLIST FOR UNDERGROUND TANK CLOSURE

The information you provide may be used by other government agency programs [Privacy Law, s. 15.04 (1) (m)].

RETURN COMPLETED CHECKLIST TO:
Safety & Buildings Division
Fire Prevention & Underground Storage Tank Section
P. O. Box 7969, Madison, WI 53707

A. IDENTIFICATION: (Please Print) Indicate whether closure is for: ☒ Tank System ☐ Tank Only ☐ Piping Only

1. Site Name	2. Owner Name
Hanson Electric	Arlan Hanson
Site Street Address (not P.O. Box)	Owner Street Address
613 St. Hwy 35	
☐ City ☐ Village ☒ Town of: Farmington	☐ City ☐ Village ☒ Town of: Osceola
State WI / Zip Code 54020	State WI / Zip Code 54025
County Polk	County Polk
	Telephone No. (include area code) (715) 294-3112
3. Closure Company Name (Print) Riverview Oil Co	Closure Company Street Address, P.O. Box 448 Hwy 35 P.O. Box 216
Closure Company Telephone No. (include area code) (715) 247-3383	Closure Company City, State, Zip Code Somerset WI 54025
4. Name of Company Performing Closure Assessment Mark Iverson/Cedar Corporation	Assessment Company Street Address, City, State, Zip Code 604 Wilson Avenue Menomonie WI 54751
Telephone # (include area code) (715) 235-9081	Certified Assessor Name (Print) Mark Iverson
Assessor Signature	Assessor Certification No. 46672

Tank ID #	Closure	Temp. Closure	Closure in Place	Tank Capacity	Contents *	Closure Assessment
1. 324965	☒	☐	☐	1000	03	☒ Y ☐ N
2.	☐	☐	☐			☐ Y ☐ N
3.	☐	☐	☐			☐ Y ☐ N
4.	☐	☐	☐			☐ Y ☐ N
5.	☐	☐	☐			☐ Y ☐ N
6.	☐	☐	☐			☐ Y ☐ N

* Indicate which product by numeric code: 01-Diesel; 02-Leaded; 03-Unleaded; 04-Fuel Oil; 05-Gasohol; 06-Other; 09-Unknown; 10-Premix; 11-Waste oil; 13-Chemical (indicate the chemical name(s) or numbers(s) _____ _____ _____; 14-Kerosene; 15-Aviation.

Written notification was provided to the local agent 15 days in advance of closure date. ☒ Y ☐ N ☐ NA
All local permits were obtained before beginning closure. ☒ Y ☐ N ☐ NA

Check applicable box at right in response to all statements in Sections B - E.

	Remover Verified	Inspector Verified	NA
B. TEMPORARILY OUT OF SERVICE			
Written inspector approval of temporary closure obtained, which is effective until (provide date) _____	☐ Y ☐ N	☐	☐
1. Product Removed			
a. Product lines drained into tank (or other container) and resulting liquid removed, AND	☐ Y ☐ N	☐	☐
b. All product removed to bottom of suction line, OR	☐ Y ☐ N	☐	☐
c. All product removed to within 1" of bottom.	☐ Y ☐ N	☐	☐
2. Fill pipe, gauge pipe, tank truck vapor recovery fittings, and vapor return lines capped.	☐ Y ☐ N	☐	☐
3. All product lines at the islands or pumps located elsewhere are removed and capped, OR	☐ Y ☐ N	☐	☐
4. Dispensers/pumps left in place but locked and power disconnected.	☐ Y ☐ N	☐	☐
5. Vent lines left open.	☐ Y ☐ N	☐	☐
6. Inventory form filed indicating temporary closure.	☐ Y ☐ N	☐	☐
C. CLOSURE BY REMOVAL			
1. Product from piping drained into tank (or other container).	☒ Y ☐ N	☒	☐
2. Piping disconnected from tank and removed.	☒ Y ☐ N	☒	☐
3. All liquid and residue removed from tank using explosion proof pumps or hand pumps.	☒ Y ☐ N	☒	☐
4. All pump motors and suction hoses bonded to tank or otherwise grounded.	☒ Y ☐ N	☒	☐
5. Fill pipes, gauge pipes, vapor recovery connections, submersible pumps and other fixtures removed. **NOTE: DROP TUBE SHOULD NOT BE REMOVED IF THE TANK IS TO BE PURGED THROUGH THE USE OF AN EDUCTOR.**	☒ Y ☐ N	☒	☐
6. Vent lines left connected until tanks purged.	☒ Y ☐ N	☒	☐
7. Tank openings temporarily plugged so vapors exit through vent.	☒ Y ☐ N	☒	☐
8. Tank atmosphere reduced to 10% of the lower flammable range (LEL) - see Section F.	☒ Y ☐ N	☒	☐
9. Tank removed from excavation after **PURGING/INERTING**; placed on level ground and blocked to prevent movement.	☒ Y ☐ N	☒	☐
10. Tank cleaned before being removed being removed from site.	☐ Y ☒ N	☒	☐

- CONTINUE ON NEXT PAGE -

C. CLOSURE BY REMOVAL (continued)

	Remover Verified	Inspector Verified	NA
11. Tank labeled in 2" high letters after removal but before being moved from site.	☒ Y ☐ N	☒	☐
NOTE: COMPLETE TANK LABELING SHOULD INCLUDE WARNING AGAINST REUSE; FORMER CONTENTS; VAPOR STATE; VAPOR FREEING TREATMENT; DATE.			
12. Tank vent hole (1/8 th " in uppermost part of tank) installed prior to moving the tank from site.	☒ Y ☐ N	☒	☐
13. Inventory form filed by owner with Safety and Buildings Division indicating closure by removal.	☒ Y ☐ N	☒	☐
14. Site security is provided while the excavation is open.	☒ Y ☐ N	☒	☐

D. CLOSURE IN PLACE

NOTE: CLOSURES IN PLACE ARE ONLY ALLOWED WITH THE PRIOR WRITTEN APPROVAL OF THE DEPARTMENT OF INDUSTRY, LABOR AND HUMAN RELATIONS OR LOCAL AGENT.

1. Product from piping drained into tank (or other container).			
2. Piping disconnected from tank and removed.	☐ Y ☐ N	☐	☐
3. All liquid and residue removed from tank using explosion proof pumps or hand pumps.	☐ Y ☐ N	☐	☐
4. All pump motors and suction hoses bonded to tank or otherwise grounded.	☐ Y ☐ N	☐	☐
5. Fill pipes, gauge pipes, vapor recovery connections, submersible pumps and other fixtures removed.	☐ Y ☐ N	☐	☐
NOTE: DROP TUBE SHOULD NOT BE REMOVED IF THE TANK IS TO BE PURGED THROUGH THE USE OF AN EDUCTOR - EDUCTOR OUTPUT 12 FT ABOVE GRADE.			
6. Vent lines left connected until tanks purged.	☐ Y ☐ N	☐	☐
7. Tank openings temporarily plugged so vapors exit through vent.	☐ Y ☐ N	☐	☐
8. Tank atmosphere reduced to 10% of the lower flammable range (LEL) - see Section F.	☐ Y ☐ N	☐	☐
9. Tank properly cleaned to remove all sludge and residue.	☐ Y ☐ N	☐	☐
10. Solid inert material (sand, cyclone boiler slag, pea gravel recommended) introduced and tank filled.	☐ Y ☐ N	☐	☐
11. Vent line disconnected or removed.	☐ Y ☐ N	☐	☐
12. Inventory form filed by owner with Safety and Buildings Division indicating closure in place.	☐ Y ☐ N	☐	☐

E. CLOSURE ASSESSMENTS

NOTE: DETERMINE IF A CLOSURE ASSESSMENT IS REQUIRED BY REFERRING TO ILHR 10.

1. Individual conducting the assessment has a closure assessment plan (written) which is used as the basis for their work on the site.	☒ Y ☐ N	☐	☐
2. Do points of obvious contamination exist?	☐ Y ☒ N	☒	☐
3. Are there strong odors in the soils?	☐ Y ☒ N	☒	☐
4. Was a field screening instrument used to pre-screen soil sample locations?	☒ Y ☐ N	☒	☐
5. Was a closure assessment omitted because of obvious contamination?	☐ Y ☒ N	☐	☐
6. Was the DNR notified of suspected or obvious contamination?	☐ Y ☒ N	☐	☐

Agency, office and person contacted: _____

7. Contamination suspected because of: ☐ Odor ☐ Soil Staining ☐ Free Product ☐ Sheen On Groundwater ☐ Field Instrument Test

METHOD OF ACHIEVING 10% LEVEL DESCRIPTION

☐ Educator Or Diffused Air Blower
Eductor driven by compressed air, bonded and drop tube left in place; vapors discharged minimum of 12 feet above ground. Diffused air blower bonded and drop tube removed. Air pressure not exceeding 5 psig.

☐ Dry Ice
Dry ice introduced at 1.5 pounds per 100 gallons of tank capacity. Dry ice crushed and distributed over the greatest possible tank area. Dry ice evaporated before proceeding.

☒ Inert Gas (CO/2 or N/2) **NOTE: INERT GASSES PRODUCE AN OXYGEN DEFICIENT ATMOSPHERE. THE TANK MAY NOT BE ENTERED IN THIS STATE WITHOUT SPECIAL EQUIPMENT**
Gas introduced through a single opening at a point near the bottom of the tank at the end of the tank opposite the vent. Gas introduced under low pressure not to exceed 5 psig to reduce static electricity. Gas introducing device grounded.

☒ Tank atmosphere monitored for flammable or combustible vapor levels.
Calibrate combustible gas indicator. Drop tube removed prior to checking atmosphere. Tank space monitored at bottom, middle and upper portion of tank. Readings of 10% or less of the lower flammable range (LEL) obtained before removing tank from ground.

NOTE SPECIFIC PROBLEMS OR NONCOMPLIANCE ISSUES BELOW

REMOVER/CLEANER INFORMATION

Remover Name (print)	Remover Signature	Remover Certification No.	Date Signed
Richard A. Leverby		656295	9-22-99

INSPECTOR INFORMATION

Inspector Name (print)	Inspector Signature	Inspector Certification No.
Randy Sherven		35167

FDID # For Location Where Inspection Performed	Inspector Telephone Number	Date Signed
4809	(715) 723-0607	9-29-99

PUT ON BRRTS
4/21/10 (99)

03-49-234619

Richard, Philip E - DNR

From: Richard, Philip E - DNR
Sent: Wednesday, April 21, 2010 10:31 AM
To: 'Dave Larsen'
Subject: RE: Hanson Electric in Osceola

Dave,

I would recommend collecting soil samples in the area previously identified as impacted to document current conditions. Samples should be analyzed for PVOCs. A sample should also be collected from the private well. Information on the private well should be provided too. Once you see what the current conditions are you can look at closure options.

Phil

Philip E. Richard
Hydrogeologist
Remediation and Redevelopment Program
Wisconsin Department of Natural Resources
phone: 715 762 1352
fax: 715 762 4348
e-mail: philip.richard@wisconsin.gov

From: Dave Larsen [mailto:dlarsen@reiengineering.com]
Sent: Tuesday, April 20, 2010 11:36 AM
To: Richard, Philip E - DNR
Subject: Hanson Electric in Osceola

Hi Phil, last time I was up your way I did a file review on this site. I spoke with Arlen (RP) again and he would like to move forward. According to Arlen, Cedar did the tank yank(1000 gal) and collected soil samples from the base of the tank at each end. One end was clean and the other end had detects. Samples were collected for GRO analysis and PID measurements were also collected. Samples 2-4 were in the same area, just at different depths.

Sample	PID	Depth	GRO
1	0	6'	ND
2	2120	6'	424
3	172	7'	not sampled
4	146	7.5'	15

Limestone bedrock was encountered at 7.5 feet.

According to Arlen, after the tank was pulled everyone left and the hole stayed open for a month. He backfilled the hole and paved over it for parking. Site also has private potable water supply well.

I have my own thoughts on getting this site to closure, but would like to hear what you think may be necessary. How do you see this site getting through closure? Can it go the route of NFA? Or will it need a GIS notice? I am working on a budget for Arlen and would like t o include any fees you anticipate.

Thank You,
David N. Larsen P.G.

David N. Larsen
Hydrogeologist/Professional Geologist
REI Engineering, Inc.
4080 N. 20th Ave.
Wausau, WI 54401

Phone: 715-675-9784
Fax. 715-675-4060
Mobile: 715-551-3434
Email: dlarsen@reiengineering.com
Web: REIengineering.com

REI
CIVIL & ENVIRONMENTAL ENGINEERING, SURVEYING

Providing practical solutions and exceeding client expectations in civil engineering, land surveying, environmental and safety consulting.

Put on BRRTS (2-0) 1/24/08

State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Jim Doyle, Governor
Matthew J. Frank, Secretary
John Gozdzialski, Regional Director

Park Falls Service Center
875 South 4th Avenue
Park Falls, Wisconsin 54552
Telephone 715-762-4684
FAX 715-762-4348

January 24, 2008

Mr. Arlan Hanson
Hanson Electric
613 Highway 35
Osceola, Wisconsin 54020

Subject: Project Status Update Request for Hanson Electric, 613 Highway 35, Osceola, WI
BRRTS Case # 03-49-234619

Dear Mr. Hanson:

On November 23, 1999 you were notified by the Wisconsin Department of Natural Resources (DNR) of your responsibility to investigate and, as needed, clean up contamination located at the above-referenced property. As the owner of this property, you have certain legal responsibilities, as outlined in Section 292.11(3), Wisconsin Stats., also known as the hazardous substances spills law. Section 292.11(3) states:

- RESPONSIBILITY. A person who possesses or controls a hazardous substance which is discharged or who causes the discharge of a hazardous substance shall take the actions necessary to restore the environment to the extent practicable and minimize the harmful effects from the discharge to the air, lands or waters of the State.

Our files indicate that we have not received any written correspondence or reporting for the case since a letter received January 10, 2000. In order to get this case on track toward remediation of the existing contamination and ultimately, DNR case closure, please have your consultant prepare and submit documentation on the status of this case. If you do not have a consultant, please notify the department as to your intentions to submit the requested documentation. The information should be provided in writing to me by February 24, 2008.

Forward the requested updates, detailing the current status of the case, to the attention of:

WI Dept of Natural Resources
Philip Richard
875 South 4th Avenue
Park Falls, WI 54552

If you have any questions regarding this correspondence, please contact me at 715-762-1352.

Sincerely,

Philip E. Richard
Hydrogeologist
Remediation and Redevelopment Program

C: Matt Taylor, Cedar Corporation, 604 Wilson Ave, Menomonie, WI 54751
File

CASE ACTIVITY REPORT FOR REGULATORS
11-02

entered on SRRS 9/13/05

State of Wisconsin
Department of Natural Resources

Case ID	Case Title
03-48-234619	Hansen Electric

Activity	Date of Activity
715-294-3119 x105 Arlen Hansen	9/13/05

Arlen Talked to — Mitch Evenson

- Still at facility (Hansen Electric)
- Gas used to fuel equipment
- Has drinky water well about 100 feet from where tank was
- Blacktopped over where tank was
- Tank was in ground 10-15 years
- Arlen will talk to mitch again and have him give me a call.

Regulator Reporting	Date of Report	Exhibit Reference
Philip E. Ahl	9/13/05	

Recvd on BRRTS 7/15/05

State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Jim Doyle, Governor
Scott Hassett, Secretary
John Gozdzialski, Regional Director

Park Falls Service Center
875 South 4th Avenue
Park Falls, Wisconsin 54552
Telephone 715-762-3204
FAX 715-762-4348

July 15, 2005

Arlan Hanson
Hanson Electric
613 Highway 35
Osceola, WI 54020

Subject: Project Status Update Request for
Hanson Electric, 613 Highway 35, Farmington, WI
BRRTS Case # 03-49-234619

Dear Mr. Hanson:

On November 23, 1999, you were notified by the Wisconsin Department of Natural Resources (DNR) of your responsibility to investigate and, as needed, clean up contamination located at the above-referenced property. As owner of this property you have certain legal responsibilities, as outlined in Section 292.11(3), Wisconsin Stats., also known as the hazardous substances spills law. Section 292.11(3) states:

- RESPONSIBILITY. A person who possesses or controls a hazardous substance which is discharged or who causes the discharge of a hazardous substance shall take the actions necessary to restore the environment to the extent practicable and minimize the harmful effects from the discharge to the air, lands or waters of the State.

Our files indicate that we have not received any written correspondence from you. In order to get this case back on track toward remediation of the existing contamination and ultimately, DNR case closure, please have your consultant prepare and submit documentation on the status of this case. If you do not have a consultant, please notify the department in writing within the next thirty days as to your intentions to submit the requested documentation. A lack of response to this letter may result in the initiation of formal enforcement actions.

Forward the requested updates, detailing the current status of the case, to the attention of:

WI Dept of Natural Resources
Philip Richard
875 South 4th Avenue
Park Falls, WI 54552

If you have any questions regarding this correspondence, please contact me at 715-762-1352.
Sincerely,

Philip E. Richard
Hydrogeologist

cc: file
Mark Iverson, Cedar Corporation, 604 Wilson Ave, Menomonie, WI 54751

WISCONSIN
DEPT. OF NATURAL RESOURCES

State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Scott McCallum, Governor
Darrell Bazzell, Secretary
William H. Smith, Regional Director

Northern Region Headquarters
107 Sutliff Ave.
Rhinelander, Wisconsin 54501
Telephone 715-365-8900
FAX 715-365-8932
TTY 715-365-8957

December 5, 2001

ARLAN HANSON
HANSON ELECTRIC
613 HWY 35
OSCEOLA, WI 54020

Re: HANSON ELECTRIC, **BRRTS # 03-49-234619**

Dear MR. HANSON:

In the past the Department of Natural Resources has informed you of responsibility to address contamination which resulted from a release of petroleum related compounds. The purpose of this letter is to alert you to a change that takes effect this month relating to the reimbursement of eligible costs under the Petroleum Environmental Cleanup Fund Act or PECFA. On December 22, 2001 the amount of financial assistance that the Department of Commerce is able to reimburse under the PECFA program for eligible costs associated with the cleanup of petroleum related contamination associated with the release from an above ground or underground storage tank will be reduced due to statutory requirements.

Under current law a responsible party must pay a $2,500 deductible and 5% co-payment of eligible costs associated with underground storage tanks and a $15,000 deductible and 2% co-payment for cost over $200,000 for above ground tanks. Both provisions will change to a $10,000 deductible with no co-payment on December 22nd. In addition the maximum amount of an award will be reduced from $1,000,000 to $190,000.

The changes may have a significant impact on your ability to adequately address contamination present on the property. The longer contamination is left in the environment the farther it can spread and the more it may cost to clean up. Quick action may lessen damage to your property and neighboring properties and reduce your costs in investigating and cleaning up the contamination. Please remember that you have legal responsibility as outlined in Section 292.11 (3) Wisconsin Statutes, which states:

> A person who possesses or controls a hazardous substance which is discharged or who causes the discharge of a hazardous substance shall take the actions necessary to restore the environment to the extent practicable and minimize the harmful effects from the discharge to the air, lands, or waters of the state.

In order to qualify for the current deductible and maximum award the following activities must occur before December 22, 2001. To ensure that your cleanup complies with Wisconsin's laws

and administrative codes, you should hire a professional environmental consultant who understands what needs to be done. The Department has spelled out the process that must be followed in selecting the consultant. Those procedures are covered in the attached fact sheet. Once the consultant is hired you should submit written verification (such as a letter from the consultant) that they have been hired. The consultant should immediately begin the investigation of the degree and extent of contamination. The Department of Commerce has established rules, COMM 47.335(4) which states that "an investigation shall be considered started if, after confirmation of contamination is obtained, additional soil borings, soil sampling or monitoring well construction have begun..."

Our records indicate that you may not have begun the investigation of the contamination. If you have begun, please work with your consultant to make sure that you qualify for the current award. The Department has provided detailed technical guidance to environmental consultants. Your consultant is expected to know our technical procedures and administrative codes and should be able to answer your questions on meeting cleanup requirements.

All correspondence regarding this site should be sent to:

Danielle Lancour
Remediation and Redevelopment Program
Wisconsin Department of Natural Resources
107 Sutliff Ave.
Rhinelander, WI 54501

For more information on the PECFA program, please call the Department of Commerce at 608-266-2424 or visit their web site at: http://www.commerce.state.wi.us/COM/Com-Petroleum.html. Thank you in advance for your consideration of this matter, please feel free to contact me at (715) 365-8976 if you have any questions.

Sincerely,

John Robinson
Northern Region Team Supervisor
Bureau for Remediation & Redevelopment

Enclosures: PECFA Fact Sheet
Selecting a consultant

State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Tommy G. Thompson, Governor
George E. Meyer, Secretary
William H. Smith, Regional Director

Northern Region Headquarters
107 Sutliff Ave.
Rhinelander, Wisconsin 54501
Telephone 715-365-8900
FAX 715-365-8932
TDD 715-365-8957

November 23, 1999

NOR UID # 03-49-234619

Arlan Hanson
Hanson Electric
613 Hwy. 35
Osceola, WI 54020

SUBJECT: Hanson Electric, 613 Hwy. 35, Farmington, WI

Dear Mr. Hanson:

On November 11, 1999, the Department of Natural Resources - Remediation and Redevelopment Program was notified by Mark Iverson of Cedar Corporation that unleaded gasoline contamination was discovered during tank removal activities at the above referenced site.

Based on the information we have received, the Department believes that you are responsible for restoring the environment at this site under Section 292.11(3), Wisconsin Stats. known as the hazardous substances spills law. Your responsibilities include investigating the extent of the contamination, and then selecting and implementing the most appropriate remedial action. Enclosed is information to help you understand what you need to do to ensure your compliance with the spills law.

The purpose of this letter is threefold: 1) to describe your legal responsibilities, 2) to explain what you need to do to investigate and clean up the contamination, and 3) to provide you with information about cleanups, environmental consultants, and working cooperatively with the Department of Natural Resources.

Legal Responsibilities:

Your legal responsibilities are defined both in statute and in administrative rules. The hazardous substances spill law, Section 292.11(3) Wisconsin Statutes, states:

* RESPONSIBILITY. A person who possesses or controls a hazardous substance which is discharged or who causes the discharge of a hazardous substance shall take the actions necessary to restore the environment to the extent practicable and minimize the harmful effects from the discharge to the air, lands, or waters of the state.

Wisconsin Administrative Codes NR 700 through NR 728 establish requirements for emergency and interim actions, public information, site investigations, design and operation of remedial action systems, and case closure. Chapter NR 708 includes provisions for immediate actions in response to limited contamination. Wisconsin Administrative Code NR 140 establishes groundwater standards.

Steps to Take:

The longer contamination is left in the environment the farther it can spread and the more it may cost to clean up. Quick action may lessen damage to your property and to neighboring properties and reduce your costs in investigating and cleaning up the contamination. To ensure that your cleanup complies with Wisconsin's laws and rules, you should hire a professional environmental consultant who understands what needs to be done. The following are the first four steps to take:

1. Within thirty (30) days, please submit written verification (such as a letter from the consultant) that you have hired an environmental consultant. You will need to work quickly to meet this timeline.

2. Within sixty (60) days, your consultant must submit a workplan and a schedule for conducting the investigation. The consultant must follow the Department's administrative rules and our technical guidance documents. Please include with your workplan a copy of any previous information that has been completed for your site (such as an underground tank removal report, or a preliminary soil excavation report).

3. Please keep us informed of what is being done at your site. You or your consultant must provide us with a brief report at least every 90 days, starting after your workplan is submitted. These quarterly reports should summarize the work completed since the last report. Quarterly reports need only include one or two pages of text, plus any relevant maps and tables. However, please note that should conditions at your site warrant, you may receive a letter requiring more frequent contacts with the Department. You will also receive one annual site status report form in February.

4. When the site investigation is complete, your consultant must submit a full report on the extent and degree of soil and groundwater contamination and a proposal for cleaning up the contamination.

Due to the number of contaminated sites and our staffing levels, we will be unable to respond to each report. To maintain your compliance with the spills law and chs. NR 700 through NR 728, do not delay the investigation and cleanup by waiting for DNR responses. We have provided detailed technical guidance to environmental consultants. Your consultant is expected to be familiar with our technical procedures and administrative codes and should be able to answer your questions on meeting Wisconsin's cleanup requirements.

Your correspondence and reports regarding this site should be sent to the Department at the following address: Danielle Lancour, Wisconsin Department of Natural Resources, 107 Sutliff Ave., Rhinelander, WI 54501. Unless otherwise requested, please send only one copy of all plans and reports.

Information for Site Owners:

Enclosed is a list of environmental consultants and some important tips on selecting a consultant. If you are eligible for Wisconsin's PECFA program (see end of letter) you will need to compare at least three consultants' proposals before hiring a consultant. Consultants and laboratories working in the PECFA program are required to carry errors and omissions insurance to help protect you against unsuitable work.

Also enclosed are materials on controlling costs, understanding the cleanup process, and choosing a site cleanup method. This information has been prepared to help you understand your responsibilities and what your environmental consultant needs to do. Please read this information carefully.

If you are interested in obtaining the protection of limited liability under s. 292.15, Stats., please contact Mark Giesfeldt at (608) 267-7562 or Darsi Foss at (608) 267-6713, in the Department of Natural Resources' Madison office for more information. The liability exemption under s. 292.15 Stats., is available to persons who meet the definition of "purchaser" in s. 292.15(1)(c) and receive Department approval for the response actions taken at the property undergoing cleanup. The Department will determine eligibility for this program on a case-by-case basis, prior to the "purchaser" developing a scope of work for conducting a ch. NR 716 site investigation at the property.

Financial Information:

Reimbursement from the Petroleum Environmental Cleanup Fund (PECFA) is available for the costs of cleaning up contamination from eligible petroleum storage tanks. The fund is administered by the Department of Commerce (DCOM). Please contact DCOM at (608) 267-3753 for more information on eligibility and regulations for this program.

If you have administrative questions (file and data management), please call Danielle Lancour at (715) 365-8986. If you have technical questions (science, code interpretation, remediation), please call Tom Kendzierski at (715) 635-4057.

Thank you for your cooperation.

Sincerely,

Danielle Lancour

Danielle Lancour
Remediation and Redevelopment Program

Enclosures

cc: File
Mark Iverson, Cedar Corp., 604 Wilson Ave., Menomonie, WI 54751

Cedar corporation

604 Wilson Avenue • Menomonie, Wisconsin 54751
715-235-9081
800-472-7372
Fax • 715-235-2727
www.cedarcorp.com

January 5, 2000

Mr. Tom Kendzierski
WDNR Northern Region
107 Sutliff Avenue
Rhinelander, WI 54501

SUBJECT: Hanson Electric, Osceola, Wisconsin
Site ID#03-49-234619

Dear Mr. Kendzierski:

On September 22, 1999, Cedar Corporation completed an environmental assessment during the removal of a 1,000 gallon gasoline tank at the Hanson Electric property south of Osceola, Wisconsin. During the assessment, three samples were collected and submitted for laboratory analysis. Two samples (#1 and #2) were collected from directly beneath the tank, at the north and south end, and a third sample (#4) was collected 1.5 feet beneath the northmost sample (#2). All samples were analyzed for gasoline range organics (GRO) and petroleum volatile organic compounds (PVOCs). The results indicated that no GRO was detected in Sample #1; 424 ppm GRO was present in Sample #2; and 15 ppm GRO was present in Sample #4. Due to the inability to dig in the limestone bedrock beneath Sample #4, no further samples were collected.

The results of the assessment indicate that product was lost from the tank system at Hanson Electric. However, the quantity appears limited to a small amount. The tank system appeared to be in good shape; the tank was rusty but not pitted. The soil sample collected at 7.5 feet below ground surface (bgs) had significantly lower GRO concentrations than the one collected from directly beneath the tank bed indicating that contaminant concentrations decrease with depth. The hard nature of the limestone prohibits additional soil sampling beneath 7.5 feet bgs. Any investigation in this area will likely be prohibited from collecting proper laboratory samples due to the difficulty in sampling limestone. Also, if any contaminants are present in the rock, they will volatilize from the heat generated in the drilling procedure.

I have enclosed a copy of the tank closure report for your review. Hanson Electric would appreciate you reviewing the report to determine if an investigation is warranted. If you have any questions or need any additional information, please contact me at 715-235-9081.

Sincerely,

CEDAR CORPORATION

Mark Iverson
Environmental Specialist

MWI/jlk

cc: Arlan Hanson
613 Highway 35
Osceola, WI 54020

Tank Closure And Environmental Site Assessment Report

For

Arlan Hanson
613 Hwy. 35
Osceola, WI 54020

Site:

Hanson Electric
613 Hwy. 35
Osceola, WI 54020

November 1999

Mark Iverson
CSA #46672

Cedar Corporation
Project #1964-0014-303-01

Cedar Corporation
604 Wilson Avenue
Menomonie, WI 54751

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II. Background Information

III. Tank Closure

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Table 1 - Soil Sample - Field and Analytical Results

APPENDICES

Appendix A - Site Assessor Certification

Appendix B - Field Procedures

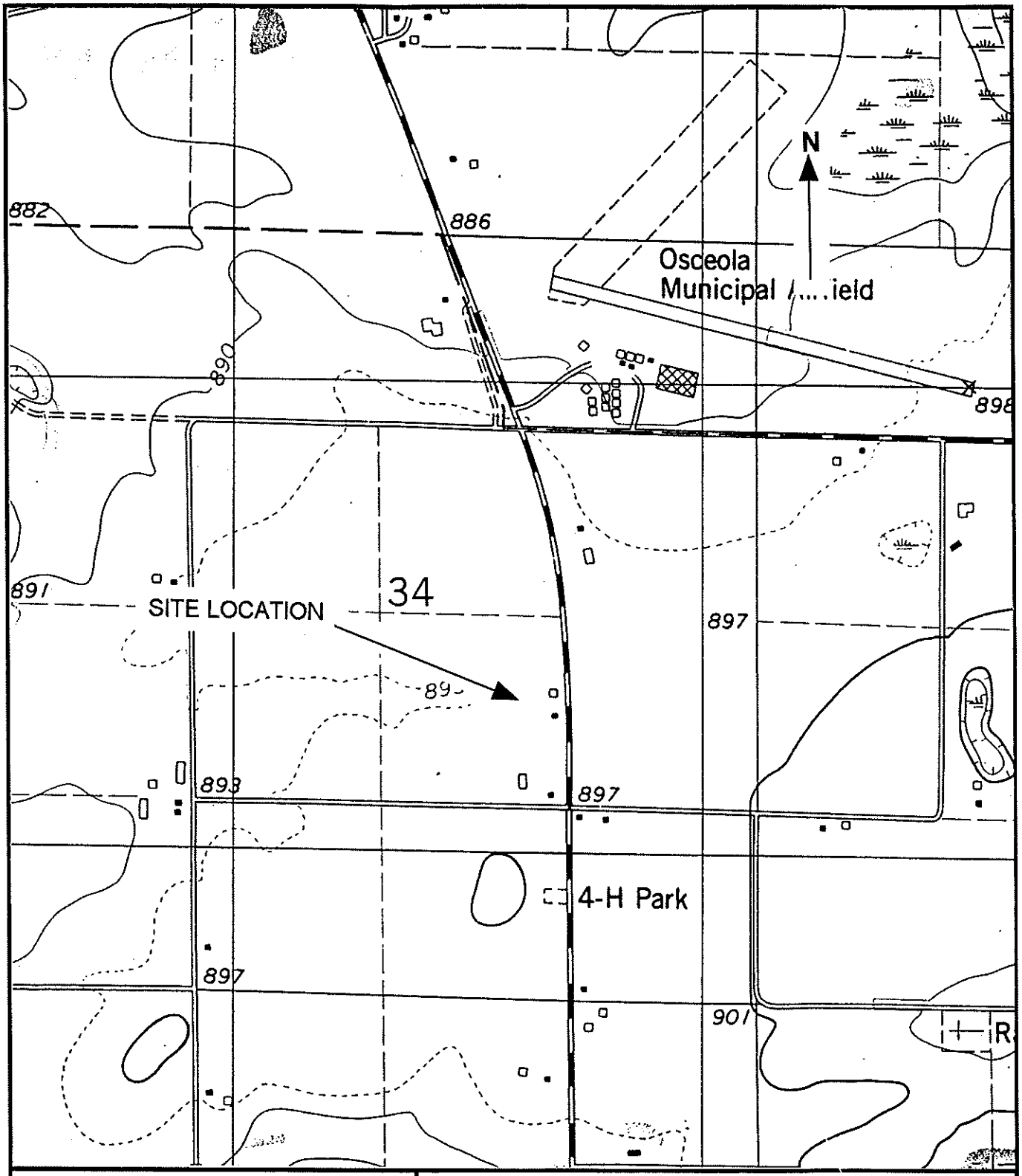
Appendix C - Analytical Results

Appendix D - Tank Inventory Form (SBD-7437)

I. OWNERSHIP AND PERSONNEL INVOLVED

In September 1999, Cedar Corporation provided environmental site assessment consulting services during the closure of one underground storage tank located at Hanson Electric. The site is located on Hwy. 35 South south of Osceola, WI (Figure 1).

Tank Location:	Hanson Electric 613 Hwy. 35 Osceola, WI 54020 NW 1/4 of SW 1/4, Sec. 34, Township 33 N, Range 19 W
Tank Owner:	Arlan Hanson 613 Hwy. 35 Osceola, WI 54020 Phone: 715-294-3119
Engineering/Tank Cleaning Services:	River Oil Company 448 Hwy. 35, P.O. Box 216 Somerset, WI 54025 Phone: 715-247-3383
Certified Tank Removal and Cleaning Technicians:	Richard Leverty Certification No.: 656295
Tank Inspector or Third Party:	Randy Shervey 13143 County Hwy. OO Chippewa Falls, WI 54729-7377 Phone: 715-723-0607 LPO #: 00010
Site Assessment Services:	Cedar Corporation 604 Wilson Avenue Menomonie, WI 54751
Certified Site Assessor:	Mark Iverson Certification #: 46672 Copy of Certification as Appendix A



LEGEND

Osceola, WI - MN
USGS Topographic Quadrangles
7.5 Minute Series, 1978

Contour Interval -10 feet
NW1/4, SW1/4, Sect. 34, T33N, R19W
Polk County

Cedar corporation

engineers • architects • planners • environmental specialists
land surveyors • landscape architects • interior designers

604 Wilson Avenue
Menomonie, WI 54751
715-235-9081
800-472-7372
Fax • 715-235-2727
www.cedarcorp.com

DRAWN BY	SITE LOCATION MAP	CHECKED BY
MWI		mwl
DATE: 11/99	HANSON ELECTRIC 613 HWY 35 OSCEOLA, WI 54020	JOB NO.: 1964-0014
REVISED BY: MWI		FIGURE: 1
SCALE: 1" : 1000'		

II. BACKGROUND INFORMATION

Property Use:

The property is the current location of the Hanson Electric shop and office.

Tanks:

Tank ID #	Size	Contents	Capacity	Status
324965	1000	Unleaded	1000	Abandoned Removed

Previous Geotechnical Investigations:

No known geotechnical investigations have been completed on the property.

III. TANK CLOSURE INFORMATION

Observations:

Free Product	N	Excavation Depth	7.5 ft.
Soil Staining	N	Free Standing Water	N
Soil Odors	Y		

Tank and Piping Conditions:

Pitted	N	Holed	N
Rusted	Y	Coating Intact	NA

Other Observations: The tank appeared to be in good condition. There were no visible pitts or holes.

IV. CLEANING WASTES

Cleaning and disposal of the tank and piping was completed by Riverview Oil. The cleaning wastes were also collected and transported by Riverview Oil.

V. ENVIRONMENTAL ASSESSMENT

Two soil samples were collected beneath the tank at six feet below ground surface (bgs). An addition sample was collected at 7.5 feet bgs. Samples could not be collected beyond this due to the extremely hard nature of the limestone. Obvious contamination did not limit sample collection.

Sample Method Field: PID
Lab: GRO and PVOC

Laboratory: Test America
602 Commerce Drive
Watertown, WI 53094
Phone: 920-261-1660
WI DNR Certification No. 128053530

TABLE OF RESULTS

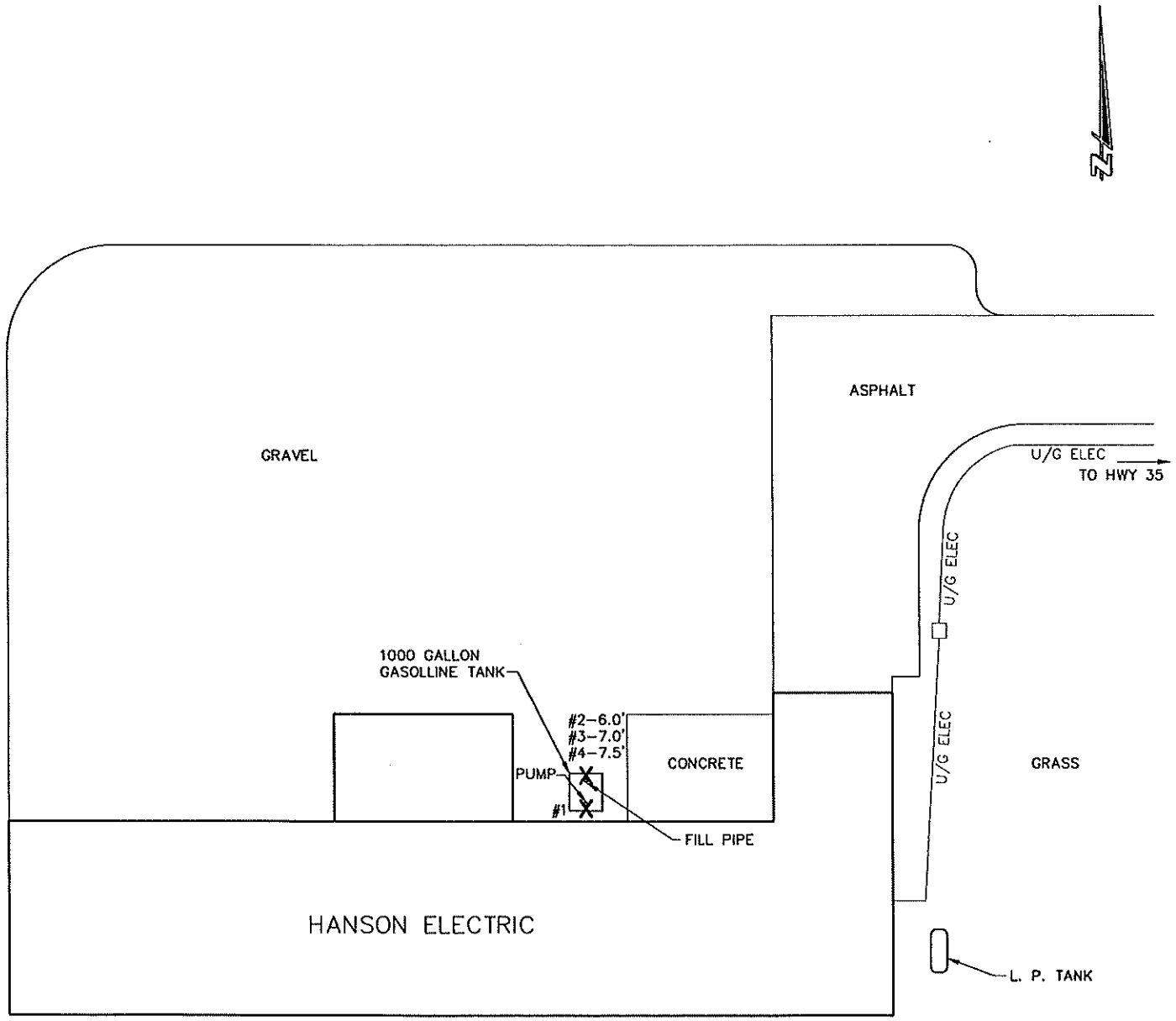
SAMPLE ID	DEPTH FT.	PID I.U.	GRO PPM	MOISTURE %
1	6	0	<6.1	18.6
2	6	2120	424	17.4
3	7	172	-	-
4	7.5	146	15	14.3

Results of Assessment:

Analytic results indicate that a release has occurred from the petroleum system at Hanson Electric. The DNR has been notified of the release.

VI. STANDARD OF CARE

Cedar Corporation has completed the work described within this report and warrants its contents to be factual. The analytical results are reported within the limits of the methods employed to provide analyses for the various compounds tested. No guarantee or warranty is expressed or implied of the conclusions forwarded in this report.



X #1 = SAMPLE LOCATION

0' 15' 30'

GRAPHIC SCALE (APPROXIMATE)

Cedar corporation
engineers • architects • planners • environmental specialists
land surveyors • landscape architects • interior designers
604 Wilson Avenue
Menomonie, Wisconsin 54751
715-235-9081
800-472-7372
FAX 715-235-2727
www.cedorcorp.com

DRAWN BY	PROJECT TITLE	CHECKED BY
PKF	HANSON ELECTRIC	MWI
DATE: NOV. '99	613 HWY 35	JOB NO.: 1964-014
FILE: HANSON.DWG	OSCEOLA, WI 54020	FIGURE: 2
SCALE: AS NOTED		

APPENDIX A

SITE ASSESSOR CERTIFICATION

Id:

46672
MARK W IVERSON

Certification, License, or Registration Name	Expires
Soil Tester Certification	06/30/01
PECFA Consultant Registration	11/20/00
Site Assessor Certification	11/19/00

Wisconsin Department of Commerce

Signature: Mark Iverson

APPENDIX B

FIELD PROCEDURES

SAMPLE COLLECTION AND HANDLING PROCEDURES

SOIL SAMPLING TECHNIQUES

Hand Auger Soil Borings

Soil samples were recovered from soil borings completed with a stainless steel auger. The auger consists of a 12 inch long, 3 ½ inch diameter enclosed sampling device. It is connected to 4 ½ foot long rods equipped with screw threads such that additional sections can be added to increase the depth of sampling. The auger sections are marked to identify the depth of the sample. The auger is decontaminated prior to each sampling event.

Hollow Stem Auger Soil Borings

Soil borings at this site were completed using 4 1/4 inch HSA (hollow stem augers) at locations as determined by the existing conditions and at the direction of the field supervisor. Soil samples were recovered using standard split spoon sampling methods. In this method, a 2 inch diameter, 24 inch sample spoon is attached to an AW rod. When the auger has reached the desired depth, the spoon is lowered into the auger until it reaches the top of the sampling interval. Using a 140 pound hammer dropped 30 inches, the spoon is driven into the formation. A sample catcher in the tip holds the sample in the spoon. During the driving of the spoon, the number of hammer blows is noted for each six inches of advancement. These values are recorded on the driller's logs.

The sample spoon is retrieved from the boring and opened. A field geological log is completed and the soils are sampled for field screening, laboratory analysis, and/or sieve analysis. Prior to reuse, the sampling equipment is decontaminated.

Hydraulically Advanced Sampling Techniques

Hydraulically advanced sampling techniques, such as Geoprobe^{R}, typically use a one inch outer diameter steel probe with a large bore soil core sampler. The probe rods and the sampling unit are driven to the desired sampling depth by a carrier vehicle mounted sampling unit. The probe rods and sampler are hydraulically advanced using the static weight of the carrier vehicle to assist in penetrating the formation or a combination of vehicle weight and hydraulic hammer percussion. Typical sample lengths are 24 inches.

While driving the soil core sampler to the desired depth, a pin stops the end point and piston from sliding into the collection tube. At the desired sampling depth, the pin is removed and the probe rods advanced some 24 inches. The piston and end point are forced into the collection chamber by the sample being collected. Sample collection chambers are typically lined with removable acetate sleeves. The sampling device is brought to the surface and the sample, contained in the acetate sleeve, retrieved from the carrier assembly.

Upon retrieval the sample is immediately opened, logged, sampled for laboratory analysis (if required) and placed in a clean jar for Headspace Analysis. After each sampling event the probe rods and soil core sampling equipment are decontaminated. A new acetate liner is placed in the sampling chamber for the next sampling event.

Soil Sample Collection

Soil samples are recovered at various depths and locations as directed by the on site environmental specialist/geologist. Samples are recovered using clean stainless steel sampling devices which are cleaned between each sampling event by personnel trained in sampling procedures. At the desired sample location, a soil sample is immediately collected from the sampling unit with a clean spatula and placed in a one quart glass jar for field screening. If desired, a split sample is collected and placed in a laboratory specimen jar with a Teflon lined septum for laboratory analysis. Personal protective equipment including latex disposable gloves, safety glasses, boots, hard hats, and organic vapor masks are used as necessary as protection from potential contaminants.

Field Screening

Soil samples recovered at various depths and locations during the investigation are logged and field screened using a Photovac Microtip MP-1 PID (photo ionization detector) with a 10.6eV lamp or a Flame Ionization Detector (FID). Field screening is completed using the "Headspace Method" wherein sufficient sample is placed in a one quart glass jar. The jar is tightly sealed with aluminum foil, agitated to break up the soil, and slightly warmed to encourage the release of any volatile organic compounds in the sample. After a suitable waiting period as defined in Wisconsin Administrative Code ILHR 10, the foil is pierced and the sampling probe of the instrument is introduced into the "headspace" and an analysis of the vapor in the jar is completed.

TOOL CLEANING METHODS

Any tools used in a sampling event (soil or groundwater) are thoroughly cleaned between each sampling event to eliminate potential cross-contamination of samples. An Alconox and water solution and a scrub brush are used to remove residual contaminants that may be present on the device. After all potential contaminants are believed to have been removed, the tools are triple rinsed including a rinse in deionized water to remove the detergent solution. The tools are then placed on a clean surface to air dry.

ANALYTICAL LABORATORY SAMPLE PREPARATION

Soils

When a soil sample is to be laboratory analyzed, a sample is taken and sealed in a laboratory provided glass jar having a Teflon lined septum. WDNR Analytical and Quality Assurance Guidance, July, 1993, PUBL-SW-130-93 is used for sampling and analytical guidance. For modified GRO, VOC, and PVOC analyses, a minimum of 25 grams and up to a maximum of 70 grams of sample are preserved in methanol in a 120 ml capacity sample containers. For DRO analysis, a minimum of 25 grams and up to a maximum of 70 grams of sample are collected in 120 ml capacity sample containers. Additional samples are collected to determine dry weight for all four analyses. The samples are transferred to a cooler to maintain a sample temperature of 4°C.

Groundwater

Monitoring wells being sampled after development must be purged. According to the Wisconsin Department of Natural Resources Groundwater Sampling Procedures Field Manual (PUBL-WR-168-87), the monitoring well to be sampled must have four well volumes purged by use of a pump or bailer and transferred to a laboratory acquired bottle by a bottom emptying device. Latex disposable gloves are worn throughout the purging and collection procession. Sampling is completed following the WDNR Analytical and Quality Assurance Guidance, July, 1993. GRO samples are collected in 40 ml glass vials, DRO samples in one liter amber glass containers, and VOC and PVOC samples in three 40 ml glass vials. All vials and containers have Teflon lined septums. All samples are preserved with HCl as the method requires. The samples are preserved on ice at or below a temperature of 4 degrees Celsius throughout handling and shipment to the laboratory.

Air Sample Collection

Air samples are collected by drawing 200 cubic centimeters per minute through a carbon adsorption tube for 15 minutes. This produces a sample of 3 liters volume as required by the analytical method. The samples are preserved on ice and shipped to a laboratory. Analyses for benzene and total hydrocarbons are completed following the NIOSH Methods 1501 and 1550, respectively.

Sample Preservation During Shipping

Samples to be laboratory analyzed are placed in a cooler with ice to preserve the sample temperature at or just below 4° Celsius. Samples are shipped in an insulated sealed cooler with ice and cushioned / insulated in bubble wrap to maintain the 4° C temperature. When opened in the laboratory, the sample custodian notes sample conditions and temperature or notes "on ice" on the chain of custody record to verify sample preservation. In the laboratory, samples are stored in a refrigerated location.

Laboratory Procedures

For this project the samples were sent to a Wisconsin Department of Natural Resources certified laboratory as noted in the main body of the report. Samples collected during this project were analyzed following those analytical procedures documented in the LUST Analytical Guidance PUBL-SW-130-93, July 1993. Analytical procedures referenced in this report are defined in the LUST Analytical Guidance and/or the EPA Methods Manual (EPA SW-846) which fully describes the procedures for each method. These procedures include specific quality control criteria as associated with the particular method. The requirements include instrument calibration and quality control samples and require daily laboratory performance tests as well as demonstrations of instrument precision and accuracy.

CHAIN-OF-CUSTODY DOCUMENTATION

This section describes procedures to identify samples and document handling of the sample. The purpose of these procedures is to ensure that the integrity of the samples is maintained during collection, transportation, storage and analysis.

Sample Identification

Sample identification documents are carefully prepared so that sample identification and chain-of-custody is maintained and sample disposition controlled.

Sample identification documents include:

* field notebooks
* sample labels
* chain-of-custody (DNR Form 4400-151)

Each sample is labeled, physically preserved, and sealed immediately after collection. To minimize handling of sample containers, labels are completed immediately prior to sample collection. The sample label is completed using waterproof ink and is firmly affixed to the sample containers. The sample label provides the following information:

* location
* sample number
* date and time of collection
* analysis required
* name of sampler

A chain-of-custody record (DNR Form 4400-151 or similar) is fully completed in duplicate by the sampler immediately following sample collection.

Shipping Transfer of Custody

The coolers in which the samples are packed are accompanied by the chain-of-custody record. When transferring samples, the individuals relinquishing and receiving them sign, date, and note the time of transfer on the chain-of-custody record.

Laboratory Custody Procedures

A designated sample custodian accepts custody of the shipped samples and verifies that the sample identification number matches that on the chain-of-custody record. This individual also records the temperature of the received samples on the chain of custody records. Any discrepancies are immediately noted to the sampler. A copy of the completed chain-of-custody record is retained by the laboratory until analyses are completed. The record is returned to the project file with the analytical results.

APPENDIX C

ANALYTICAL RESULTS

TestAmerica
INCORPORATED

ANALYTICAL AND QUALITY CONTROL REPORT

Mr. Mark Iverson
CEDAR CORPORATION
604 Wilson Avenue
Menomonie, WI 54751

10/04/1999

Job No: 99.08492

Enclosed are the Analytical and Quality Control reports for the following samples submitted for analysis:

Sample Number	Sample Description	Date Taken	Date Received
366739	#1 #1964-0014-303-01 Riverview	09/22/1999	09/24/1999
366740	#2 #1964-0014-303-01 Riverview	09/22/1999	09/24/1999
366741	#4 #1964-0014-303-01 Riverview	09/22/1999	09/24/1999

Soil results are reported on a dry weight basis. The above sample(s) may have a result flag shown on the report. The following are the result flag definitions:

A = Analyzed/extracted past hold time
B = Blank is contaminated
C = Standard outside of control limits
D = Diluted for analysis
F = Sample filtered in lab
G = Received past hold time
H = Late eluting hydrocarbons present
I = Improperly handled sample
J = Estimated concentration
L = Common lab solvent and contaminant
M = Matrix interference
P = Improperly preserved sample
Q = Result confirmed via re-analysis
S = Sediment present
T = Does not match typical pattern
W = BOD re-set due to missed dilution
X = Unidentified compound(s) present
Z = Internal standard outside limits

Brian D. DeJong
Organic Operations Manager

602 COMMERCE DRIVE / WATERTOWN, WI 53094 / 920-261-1660 / FAX: 920-261-8120
WDNR NO. 128053530

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Mr. Mark Iverson
CEDAR CORPORATION
604 Wilson Avenue
Menomonie, WI 54751

10/04/1999
Job No: 99.08492
Sample No: 366739
Account No: 13800

JOB DESCRIPTION: #1964-0014-303-01 Riverview Oil
PROJECT DESCRIPTION: Soil Analysis
SAMPLE DESCRIPTION: #1 #1964-0014-303-01 Riverview
Rec'd on ice

Date/Time Taken: 09/22/1999 08:40 Date Received: 09/24/1999

Parameter	Results	Units	Reporting Limit	Method	Date Analyzed	Prep/Run Batch
Solids, Total	81.4	%	n/a	SW 5030	09/30/1999	295
PVOC - NONAQUEOUS						
Benzene	<31	ug/kg	25	SW 8020	10/01/1999	2454
Ethylbenzene	<31	ug/kg	25	SW 8020	10/01/1999	245
Methyl-t-butyl ether	<31	ug/kg	25	SW 8020	10/01/1999	245
Toluene	<31	ug/kg	25	SW 8020	10/01/1999	2454
1,2,4-Trimethylbenzene	<31	ug/kg	25	SW 8020	10/01/1999	2454
1,3,5-Trimethylbenzene	<31	ug/kg	25	SW 8020	10/01/1999	245
Xylenes, Total	<92	ug/kg	75	SW 8020	10/01/1999	245
GRO	<6.1	mg/kg	5.0	WDNR	10/01/1999	2454
Surr: Bromofluorobenzene	99.0	%	n/a	SW 8020	10/01/1999	245

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Mr. Mark Iverson
CEDAR CORPORATION
604 Wilson Avenue
Menomonie, WI 54751

10/04/1999
Job No: 99.08492
Sample No: 366740
Account No: 13800

JOB DESCRIPTION: #1964-0014-303-01 Riverview Oil
PROJECT DESCRIPTION: Soil Analysis
SAMPLE DESCRIPTION: #2 #1964-0014-303-01 Riverview
Rec'd on ice

Date/Time Taken: 09/22/1999 08:45 Date Received: 09/24/1999

Parameter		Results	Units	Reporting Limit	Method	Date Analyzed	Prep/Run Batch
Solids, Total		82.6	%	n/a	SW 5030	09/30/1999	2956
PVOC - NONAQUEOUS							
Benzene		1,210	ug/kg	25	SW 8020	10/01/1999	2454
Ethylbenzene		2,420	ug/kg	25	SW 8020	10/01/1999	2454
Methyl-t-butyl ether		<600	ug/kg	25	SW 8020	10/01/1999	2454
Toluene		8,350	ug/kg	25	SW 8020	10/01/1999	2454
1,2,4-Trimethylbenzene		23,000	ug/kg	25	SW 8020	10/01/1999	2454
1,3,5-Trimethylbenzene		10,000	ug/kg	25	SW 8020	10/01/1999	2454
Xylenes, Total		36,300	ug/kg	75	SW 8020	10/01/1999	2454
GRO	H	424	mg/kg	5.0	WDNR	10/01/1999	2454
Surr: Bromofluorobenzene		86.5	%	n/a	SW 8020	10/01/1999	2454

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Mr. Mark Iverson
CEDAR CORPORATION
604 Wilson Avenue
Menomonie, WI 54751

10/04/1999
Job No: 99.08492
Sample No: 366741
Account No: 13800

JOB DESCRIPTION: #1964-0014-303-01 Riverview Oil
PROJECT DESCRIPTION: Soil Analysis
SAMPLE DESCRIPTION: #4 #1964-0014-303-01 Riverview
Rec'd on ice

Date/Time Taken: 09/22/1999 08:50 Date Received: 09/24/1999

Parameter		Results	Units	Reporting Limit	Method	Date Analyzed	Prep/Run Batch
Solids, Total		85.7	%	n/a	SW 5030	09/30/1999	295
PVOC - NONAQUEOUS							
Benzene		<29	ug/kg	25	SW 8020	10/01/1999	2454
Ethylbenzene		50	ug/kg	25	SW 8020	10/01/1999	245
Methyl-t-butyl ether		<29	ug/kg	25	SW 8020	10/01/1999	245
Toluene		100	ug/kg	25	SW 8020	10/01/1999	2454
1,2,4-Trimethylbenzene		1,030	ug/kg	25	SW 8020	10/01/1999	2454
1,3,5-Trimethylbenzene		502	ug/kg	25	SW 8020	10/01/1999	245
Xylenes, Total		957	ug/kg	75	SW 8020	10/01/1999	245
GRO	H	15	mg/kg	5.0	WDNR	10/01/1999	2454
Surr: Bromofluorobenzene		97.0	%	n/a	SW 8020	10/01/1999	2454

99.08492

CHAIN OF CUSTODY RECORD

TestAmerica INCORPORATED

COMPANY Cedar Corporation
ADDRESS 604 Wilson Ave Menomonie
PHONE 715-235-9081 FAX 235-2727
PROJECT NAME/LOCATION Riverview Oil - Osceola
PROJECT NUMBER 1964-0014-303-01
PROJECT MANAGER Mark Iverson

REPORT TO: Cedar Corporation
INVOICE TO: Cedar
P.O. NO.
QUOTE NO.

SAMPLED BY
Mark Iverson
(PRINT NAME) SIGNATURE Mark Iverson
(PRINT NAME) SIGNATURE

DATE	TIME	SAMPLE ID/DESCRIPTION	MATRIX	GRAB	COMP	HCl	NaOH	HNO_3	H_2SO_4	OTHER	W1-GRO+PVOC	~~VOCs~~	COMMENTS
-22-99	840	#1	S	X						2	X		Preserved with 25 mls MeOH
↓	845	#2	S	X					2	~~3~~	X		↓ Bottle says #3
↓	850	#4	S	X						3	X		
													Bottles say Hanson Electr.

ANALYSES / # and Type of Containers

To assist us in selecting the proper method
Is this work being conducted for regulatory compliance monitoring? Yes ___ No ___
Is this work being conducted for regulatory enforcement action? Yes ___ No ___
Which regulations apply: RCRA ___ NPDES Wastewater ___ UST ___ Drinking Water ___ Other ___ None ___

CONDITION OF SAMPLE: BOTTLES INTACT? YES / NO FIELD FILTERED? YES / NO
COC SEALS PRESENT AND INTACT? YES / NO VOLATILES FREE OF HEADSPACE? YES / NO
TEMPERATURE UPON RECEIPT: On ice
Bottles supplied by LAB? YES / NO

SAMPLE REMAINDER DISPOSAL: RETURN SAMPLE REMAINDER TO CLIENT VIA ___
I REQUEST LAB TO DISPOSE OF ALL SAMPLE REMAINDERS ___ DATE ___

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	RELINQUISHED BY:	DATE	TIME	RECEIVED FOR LAB BY:
Mark Iverson	9/23/99	1400			9/21/99	14:58	Shelly Looms

METHOD OF SHIPMENT Dunham

REMARKS: @ 9/27/99

APPENDIX D

TANK INVENTORY FORM (SBD-7437)

Reg Obj #: 324965

UNDERGROUND FLAMMABLE/COMBUSTIBLE LIQUID STORAGE TANK INVENTORY

Information Required By Section 101.142, Wis. Stats.

Send Completed Form To:
Department of Commerce
Bureau of Storage Tank Regulation
P.O. Box 7837
Madison, WI 53707-7837

Underground tanks in Wisconsin that have stored or currently store petroleum or regulated substances must be registered. A separate form is needed for each tank. Send each completed form to the agency designated in the top right corner. Have you previously registered this tank by submitting a form? ☐ Yes ☒ No If yes, are you correcting/updating information only? ☐ Yes ☐ No
Personal information you provide may be used for secondary purposes. [Privacy Law, s. 15.04 (1)(m)]

This registration applies to a tank that is (check one):
☐ In Use ☒ Closed - Tank Removed ☐ Ownership Change (Indicate new owner name in block 2)
☐ Newly Installed ☐ Closed - Filled with Inert Materials
☐ Abandoned with Product ☐ Temporary Out of Service - Provide Date: _____
☐ Abandoned without Product (empty) ☐ Abandon with Water

Fire Department providing fire coverage where tank is located: ☐ City ☐ Village ☒ Town of Osceola

A. IDENTIFICATION (Please Print)

1. Tank Site Name	Site Address	Site Telephone Number
Hanson Electric	613 Hwy 35	(715) 294-3119
☐ City ☐ Village ☒ Town of: Farmington	State: WI. Zip Code: 54020	County: Polk
2. Tank Owner Name	Mailing Address	Telephone Number
Arlan Hanson	613	(715) 294-3112
☐ City ☒ Village ☐ Town of: Osceola	State: Zip Code:	County: Polk
3. Previous Name	Previous site address if different than #1	

B. Site ID #: Facility ID #: Customer ID #:

C. 4. Tank Age (age or date installed): 19 5. Tank Capacity (gallons): 1000

D. LAND OWNER TYPE (check one)
☐ County ☐ Federal Leased ☐ Federal Owned ☐ Municipal ☐ Other Government
☒ Private ☐ State ☐ Tribal Nation

E. OCCUPANCY TYPE (check one)
☐ Gas/Retail Sales ☐ Bulk Storage ☐ Utility ☒ Mercantile/Commercial ☐ Industrial ☐ School ☐ Residential
☐ Agricultural ☐ Backup or Emergency Generator ☐ Other (Specify:)

F. Tank Construction:
☒ Bare Steel ☐ Coated Steel ☐ Unknown
☐ Fiberglass ☐ Steel – Fiberglass Reinforced Plastic Composite
☐ Lined (Date): ☐ Other (specify):

Cathodic Protection: ☐ Sacrificial Anodes ☐ Impressed Current ☒ N/A

Overfill Protection? ☐ Yes ☒ No
Spill Containment? ☐ Yes ☒ No
Tank Double Walled? ☐ Yes ☒ No

G. Primary Tank leak detection method:
☐ Inventory control and tightness testing ☐ Automatic tank gauging ☐ Groundwater monitoring
☒ Manual tank gauging (only for tanks of 1,000 gallons or less) ☐ Interstitial monitoring ☐ Vapor monitoring
☐ Statistical Inventory Reconciliation (SIR) ☐ Unknown

H. Piping Construction:
☒ Bare Steel ☐ Coated Steel ☐ Unknown
☐ Fiberglass ☐ Flexible ☐ N/A
☐ Other (specify)

Cathodic Protection: ☐ Sacrificial Anodes ☐ Impressed Current ☒ N/A

Pipe Double Walled? ☐ Yes ☒ No

I. Primary Piping System Type: ☐ Pressurized piping with ➡ A. ☐ auto shutoff; B. ☐ alarm or C. ☐ flow restrictor ☐ Unknown
☐ Suction piping with check valve at tank ☒ Suction piping with check valve at pump and inspectable ☐ Not needed if waste oil

J. Piping Leak Detection Method: (used if pressurized or check valve at tank): ☐ SIR ☐ Tightness testing ☐ Electronic line leak monitor
☐ Groundwater monitoring ☐ Vapor monitoring ☐ Interstitial monitoring ☒ Not required ☐ Unknown

K. Vapor Recovery/Stage II CARB #: _____
☐ Fiberglass ☐ Other (specify): ☐ Flexible ☐ Operational - Provide Date (mo/day/yr):

L. TANK CONTENTS (Current, or previous product if tank now empty)
☐ Diesel ☐ Leaded ☒ Unleaded ☐ Fuel Oil ☐ Gasohol
☐ Other (Specify): _____ ☐ Empty ☐ Sand/Gravel/Slurry* ☐ Unknown* ☐ Premix
☐ Waste/Used Motor Oil ☐ Chemical _____ ☐ Kerosene ☐ Aviation ☐ Hazardous Waste*
(Indicate chemical name and number)

* If chosen, this tank is NOT PECFA eligible.

Geo Latitude: Geo Longitude:

M. If Tank Closed, Abandoned or Out of Service, give date (mo/day/yr): 9-22-99

Has a site assessment been completed (see reverse side for details)
☒ Yes ☐ No

Owner or Operator Name (please print): Bob Hanson

Indicate whether: ☐ Owner or ☒ Operator

Owner or Operator Signature: Bob Hanson

Date Signed: 9-22-99

Note: Refer to comments on reverse side of form.

ERS-7437 (R. 04/96)

Wisconsin Department of Industry, Labor and Human Relations

Complete one form for each site closure.

CHECKLIST FOR UNDERGROUND TANK CLOSURE

The information you provide may be used by other government agency programs [Privacy Law, s. 15.04 (1) (m)].

RETURN COMPLETED CHECKLIST TO:
Safety & Buildings Division
Fire Prevention & Underground Storage Tank Section
P. O. Box 7969, Madison, WI 53707

A. IDENTIFICATION: (Please Print) Indicate whether closure is for: ☒ Tank System ☐ Tank Only ☐ Piping Only

1. Site Name	2. Owner Name
Hanson Electric	Arlan Hanson
Site Street Address (not P.O. Box)	Owner Street Address
613 St. Hwy 35	
☐ City ☐ Village ☒ Town of: Farmington	☐ City ☐ Village ☒ Town of: Osceola
State WI Zip Code 54020 County Polk	State WI Zip Code 54025 County Polk
	Telephone No. (include area code) (715) 294-3112
3. Closure Company Name (Print) Riverview Oil Co	Closure Company Street Address, 448 Hwy 35 PO Box 216
Closure Company Telephone No. (include area code) (715) 247-3383	Closure Company City, State, Zip Code Somerset WI 54025
4. Name of Company Performing Closure Assessment Mark Iverson/Cedar Corporation	Assessment Company Street Address, City, State, Zip Code 604 Wilson Avenue Menomonie WI 547
Telephone # (include area code) (715) 235-9081	Certified Assessor Name (Print) Mark Iverson
Assessor Signature	Assessor Certification No. 46672

Tank ID #	Closure	Temp. Closure	Closure In Place	Tank Capacity	Contents *	Closure Assessment
1. 324965	☒	☐	☐	1000	.03	☒ Y ☐ N
2.	☐	☐	☐			☐ Y ☐ N
3.	☐	☐	☐			☐ Y ☐ N
4.	☐	☐	☐			☐ Y ☐ N
5.	☐	☐	☐			☐ Y ☐ N
6.	☐	☐	☐			☐ Y ☐ N

* Indicate which product by numeric code: 01-Diesel; 02-Leaded; 03-Unleaded; 04-Fuel Oil; 05-Gasohol; 06-Other; 09-Unknown; 10-Premix; 11-Waste oil; 13-Chemical (indicate the chemical name(s) or numbers(s) _____ _____ _____; 14-Kerosene; 15-Aviation.

Written notification was provided to the local agent 15 days in advance of closure date. ☒ Y ☐ N ☐ NA
All local permits were obtained before beginning closure. ☒ Y ☐ N ☐ NA

Check applicable box at right in response to all statements in Sections B - E.

	Remover Verified	Inspector Verified	NA
B. TEMPORARILY OUT OF SERVICE			
Written inspector approval of temporary closure obtained, which is effective until (provide date) _____	☐ Y ☐ N	☐	☐
1. Product Removed			
a. Product lines drained into tank (or other container) and resulting liquid removed, AND	☐ Y ☐ N	☐	☐
b. All product removed to bottom of suction line, OR	☐ Y ☐ N	☐	☐
c. All product removed to within 1" of bottom.	☐ Y ☐ N	☐	☐
2. Fill pipe, gauge pipe, tank truck vapor recovery fittings, and vapor return lines capped.	☐ Y ☐ N	☐	☐
3. All product lines at the islands or pumps located elsewhere are removed and capped, OR	☐ Y ☐ N	☐	☐
4. Dispensers/pumps left in place but locked and power disconnected.	☐ Y ☐ N	☐	☐
5. Vent lines left open.	☐ Y ☐ N	☐	☐
6. Inventory form filed indicating temporary closure.	☐ Y ☐ N	☐	☐
C. CLOSURE BY REMOVAL			
1. Product from piping drained into tank (or other container).	☒ Y ☐ N	☑	☐
2. Piping disconnected from tank and removed.	☒ Y ☐ N	☑	☐
3. All liquid and residue removed from tank using explosion proof pumps or hand pumps.	☒ Y ☐ N	☑	☐
4. All pump motors and suction hoses bonded to tank or otherwise grounded.	☒ Y ☐ N	☑	☐
5. Fill pipes, gauge pipes, vapor recovery connections, submersible pumps and other fixtures removed.	☒ Y ☐ N	☑	☐
NOTE: DROP TUBE SHOULD NOT BE REMOVED IF THE TANK IS TO BE PURGED THROUGH THE USE OF AN EDUCTOR.			
6. Vent lines left connected until tanks purged.	☒ Y ☐ N	☑	☐
7. Tank openings temporarily plugged so vapors exit through vent.	☒ Y ☐ N	☑	☐
8. Tank atmosphere reduced to 10% of the lower flammable range (LEL) - see Section F.	☒ Y ☐ N	☑	☐
9. Tank removed from excavation after **PURGING/INERTING**; placed on level ground and blocked to prevent movement.	☒ Y ☐ N	☑	☐
10. Tank cleaned before being removed being removed from site.	☐ Y ☒ N	☒	☐

- CONTINUE ON NEXT PAGE -

C. CLOSURE BY REMOVAL (continued)

	Remover Verified	Inspector Verified	NA
11. Tank labeled in 2" high letters after removal but before being moved from site.	☒ Y ☐ N	☒	☐
NOTE: COMPLETE TANK LABELING SHOULD INCLUDE WARNING AGAINST REUSE; FORMER CONTENTS; VAPOR STATE; VAPOR FREEING TREATMENT; DATE.			
12. Tank vent hole (1/8 th " in uppermost part of tank) installed prior to moving the tank from site.	☒ Y ☐ N	☒	☐
13. Inventory form filed by owner with Safety and Buildings Division indicating closure by removal.	☒ Y ☐ N	☒	☐
14. Site security is provided while the excavation is open.	☒ Y ☐ N	☒	☐

D. CLOSURE IN PLACE

NOTE: CLOSURES IN PLACE ARE ONLY ALLOWED WITH THE PRIOR WRITTEN APPROVAL OF THE DEPARTMENT OF INDUSTRY, LABOR AND HUMAN RELATIONS OR LOCAL AGENT.

1. Product from piping drained into tank (or other container).			
2. Piping disconnected from tank and removed.	☐ Y ☐ N	☐	☐
3. All liquid and residue removed from tank using explosion proof pumps or hand pumps.	☐ Y ☐ N	☐	☐
4. All pump motors and suction hoses bonded to tank or otherwise grounded.	☐ Y ☐ N	☐	☐
5. Fill pipes, gauge pipes, vapor recovery connections, submersible pumps and other fixtures removed.	☐ Y ☐ N	☐	☐
NOTE: DROP TUBE SHOULD NOT BE REMOVED IF THE TANK IS TO BE PURGED THROUGH THE USE OF AN EDUCTOR - EDUCTOR OUTPUT 12 FT ABOVE GRADE.			
6. Vent lines left connected until tanks purged.	☐ Y ☐ N	☐	☐
7. Tank openings temporarily plugged so vapors exit through vent.	☐ Y ☐ N	☐	☐
8. Tank atmosphere reduced to 10% of the lower flammable range (LEL) - see Section F.	☐ Y ☐ N	☐	☐
9. Tank properly cleaned to remove all sludge and residue.	☐ Y ☐ N	☐	☐
10. Solid inert material (sand, cyclone boiler slag, pea gravel recommended) introduced and tank filled.	☐ Y ☐ N	☐	☐
11. Vent line disconnected or removed.	☐ Y ☐ N	☐	☐
12. Inventory form filed by owner with Safety and Buildings Division indicating closure in place.	☐ Y ☐ N	☐	☐

E. CLOSURE ASSESSMENTS

NOTE: DETERMINE IF A CLOSURE ASSESSMENT IS REQUIRED BY REFERRING TO ILHR 10.

1. Individual conducting the assessment has a closure assessment plan (written) which is used as the basis for their work on the site.	☒ Y ☐ N	☐	☐
2. Do points of obvious contamination exist?	☐ Y ☒ N	☒	☐
3. Are there strong odors in the soils?	☐ Y ☒ N	☒	☐
4. Was a field screening instrument used to pre-screen soil sample locations?	☒ Y ☐ N	☒	☐
5. Was a closure assessment omitted because of obvious contamination?	☐ Y ☒ N	☐	☐
6. Was the DNR notified of suspected or obvious contamination?	☐ Y ☒ N	☐	☐

Agency, office and person contacted: _____

7. Contamination suspected because of: ☐ Odor ☐ Soil Staining ☐ Free Product ☐ Sheen On Groundwater ☐ Field Instrument Test

F. METHOD OF ACHIEVING 10% LEVEL DESCRIPTION

☐ Educator Or Diffused Air Blower
Eductor driven by compressed air, bonded and drop tube left in place; vapors discharged minimum of 12 feet above ground. Diffused air blower bonded and drop tube removed. Air pressure not exceeding 5 psig.

☐ Dry Ice
Dry ice introduced at 1.5 pounds per 100 gallons of tank capacity. Dry ice crushed and distributed over the greatest possible tank area. Dry ice evaporated before proceeding.

☒ Inert Gas (CO/2 or N/2) **NOTE: INERT GASSES PRODUCE AN OXYGEN DEFICIENT ATMOSPHERE. THE TANK MAY NOT BE ENTERED IN THIS STATE WITHOUT SPECIAL EQUIPMENT**
Gas introduced through a single opening at a point near the bottom of the tank at the end of the tank opposite the vent. Gas introduced under low pressure not to exceed 5 psig to reduce static electricity. Gas introducing device grounded.

☒ Tank atmosphere monitored for flammable or combustible vapor levels.
Calibrate combustible gas indicator. Drop tube removed prior to checking atmosphere. Tank space monitored at bottom, middle and upper portion of tank. Readings of 10% or less of the lower flammable range (LEL) obtained before removing tank from ground.

NOTE SPECIFIC PROBLEMS OR NONCOMPLIANCE ISSUES BELOW

REMOVER/CLEANER INFORMATION

Remover Name (print)	Remover Signature	Remover Certification No.	Date Signed
Richard A. Lowery		656295	9-22-99

INSPECTOR INFORMATION

Inspector Name (print)	Inspector Signature	Inspector Certification No.
Randy Sherven		35167

FDID # For Location Where Inspection Performed	Inspector Telephone Number	Date Signed
4809	(715) 723-0607	9-22-99

Wisconsin Department of Natural Resources

Notification of Petroleum Contamination from Underground / Aboveground Storage Tank Systems

Please complete this form and FAX it to the appropriate WDNR contact person (see list on back page) **immediately** upon discovery of a release from (CIRCLE ONE): UST / AST system.

TO: WDNR, Attn: Janet Kazda

FAX #: 715-365-8932 63-49-234619

PLEASE TYPE or PRINT LEGIBLY:

1. Name, company, mailing address and phone number of person reporting the discharge:

Mark Iverson
Cedar Corporation
604 Wilson Ave
Menomonie, WI 54751

2. Site Information

Name of site at which discharge occurred (local name of site/business -- not responsible party name, unless a residence): Hanson Electric

Location (actual street address, not PO box; if no street address, describe as precisely as possible, i.e., 1/4 mile NW of CTHs 60 & 123 on E side of CTH 60): 613 Hwy 35

Municipality (city, village, township in which the site is located -- not mailing address):
Farmington township

County: Polk

Legal Description: NW 1/4, SW 1/4, Section 34, Tn 33N, Range 19 E / (W)

3. Responsible Party (RP) and/or RP Representative Information

RP / Business Name: Hanson Electric

Contact Person (if different): Arlan Hanson

Mailing Address (with zip code): 613 Hwy 35
Osceola, WI 54020

Telephone Number: 715-294-3119

4. Identity, physical state and quantity of the hazardous substance discharged (check all that apply):

X Unleaded gasoline	____ Fuel oil
____ Leaded gasoline	____ Waste oil
____ Diesel	____ Other_____

5. **Impacts to the environment (enter "K" for known/confirmed or "P" for potential for all that apply):**

____ Fire/explosion threat	K Soil contamination
P Contaminated private wells (# of wells)____	____ Surface water impacts
____ Contaminated public wells	____ Floating product
P Groundwater contamination	____ Other____

6. **Contamination was discovered as a result of:**

X Tank closure assessment ____ Site assessment ____ (other)____

On what date: 9-22-99

Additional Comments:

Additional samples were collected for an expanded site assessment. The sample collected at 6' had 424 ppm GRO and the sample collected beneath that at 7.5' had 15 ppm GRO. This sample was collected just above the bedrock.

FAX numbers to report leaking tank sites in DNR's five regions are as follows:

Northeast Region (920-492-5859)
Underground Tanks: Attention - Janis DeBrock
Aboveground Tanks: Attention - Roxanne Chronert
Brown, Calumet, Door, Fond du Lac *(except City of Waupun - see South Central Region)*, Green Lake, Kewaunee, Manitowoc, Marinette, Marquette, Menominee, Oconto, Outagamie, Shawano, Waupaca, Waushara, Winnebago Counties

Northern Region (715-365-8932); Attention - Janet Kazda:
Ashland, Barron, Bayfield, Burnett, Douglas, Forest, Florence, Iron, Langlade, Lincoln, Oneida, Polk, Price, Rusk, Sawyer, Taylor, Vilas, Washburn Counties

South Central Region (608-275-3338); Attention - Marilyn Jahnke:
Columbia, Crawford, Dane, Dodge, Fond du Lac *(City of Waupun only)*, Grant, Green, Iowa, Jefferson, Lafayette, Richland, Rock, Sauk Counties

Southeast Region (414-229-0810); Attention - Mike Farley:
Kenosha, Milwaukee, Ozaukee, Racine, Sheboygan, Walworth, Washington, Waukesha Counties

West Central Region (715-839-6076); Attention - John Grump:
Adams, Buffalo, Chippewa, Clark, Dunn, Eau Claire, Jackson, Juneau, LaCrosse, Marathon, Monroe, Pepin, Pierce, Portage, St. Croix, Trempealeau, Vernon, Wood Counties

CEDAR CORPORATION
604 WILSON AVENUE
MENOMONIE, WISCONSIN 54751

715-235-9081 800-472-7372
FAX 715-235-2727

LETTER OF TRANSMITTAL

DATE	JOB NO.
11-16-99	

ATTENTION Danielle Lancour

RE: Hanson Electric

GRO-1124pm

TO WDNR
107 Sutliff
Rhinelander, WI 54501
03-41-234619

WE ARE SENDING YOU ☐ Attached ☐ Under separate cover via _____ the following items:

☐ Shop drawings ☐ Prints ☐ Plans ☐ Samples ☐ Specifications

☐ Copy of letter ☐ Change order ☐ _____

COPIES	DATE	NO.	DESCRIPTION
1			Tank Closure Report

RECEIVED
NOV 17 1999
WIS. DEPT. OF NATURAL RESOURCES
RHINELANDER

THESE ARE TRANSMITTED as checked below:

☐ For approval ☐ Approved as submitted ☐ Resubmit _____ copies for approval

☐ For your use ☐ Approved as noted ☐ Submit _____ copies for distribution

☐ As requested ☐ Returned for corrections ☐ Return _____ corrected prints

☐ For review and comment ☐ _____

☐ FOR BIDS DUE _____ ☐ PRINTS RETURNED AFTER LOAN TO US

REMARKS _____

COPY TO _____

SIGNED: _____

If enclosures are not as noted, kindly notify us at once.

Tank Closure And Environmental Site Assessment Report

For

Arlan Hanson
613 Hwy. 35
Osceola, WI 54020

Site:

Hanson Electric
613 Hwy. 35
Osceola, WI 54020

November 1999

Mark Iverson
CSA #46672

Cedar Corporation
Project #1964-0014-303-01

Cedar Corporation
604 Wilson Avenue
Menomonie, WI 54751

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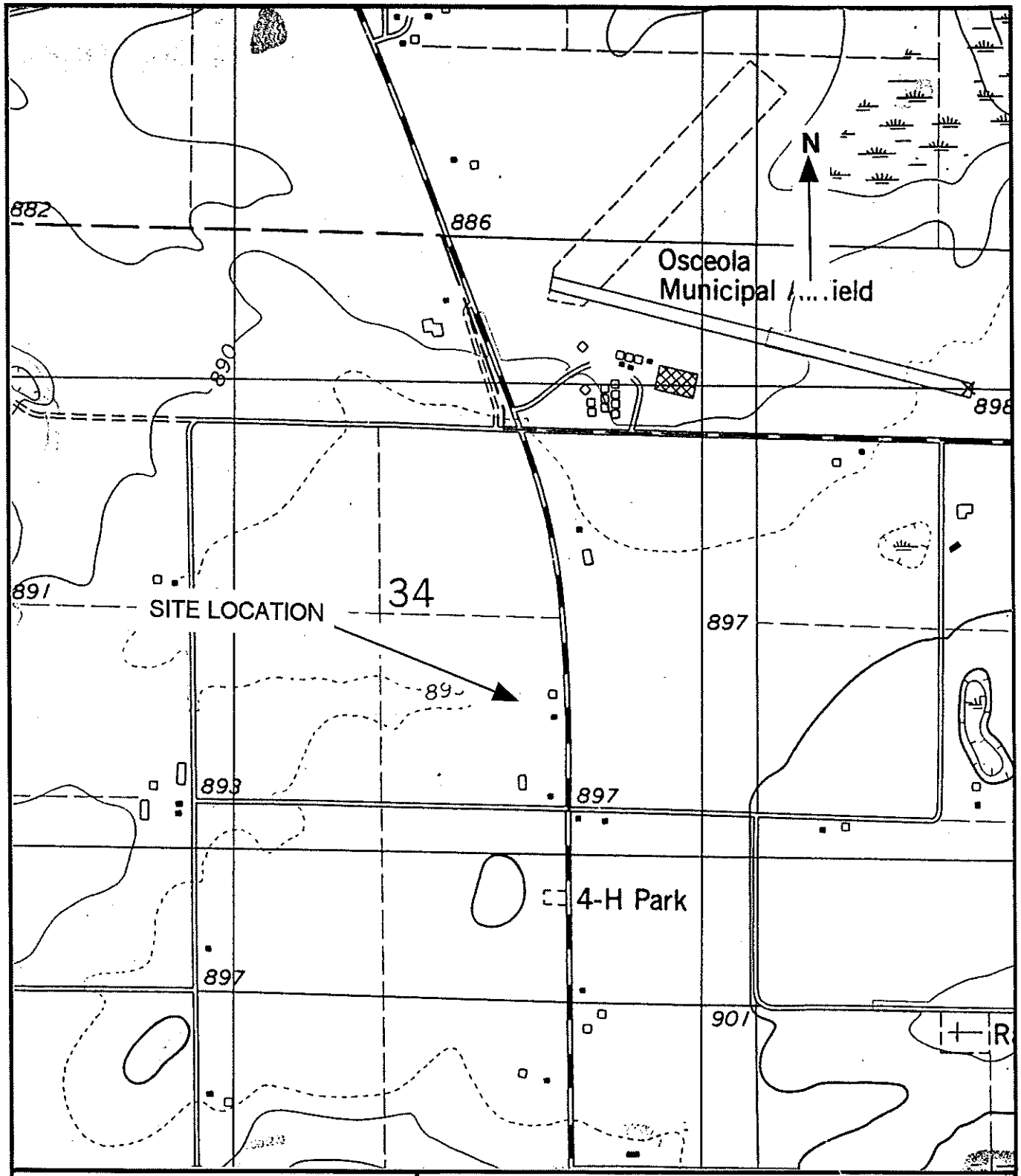
I. OWNERSHIP AND PERSONNEL INVOLVED

In September 1999, Cedar Corporation provided environmental site assessment consulting services during the closure of one underground storage tank located at Hanson Electric. The site is located on Hwy. 35 South south of Osceola, WI (Figure 1).

Tank Location:	Hanson Electric 613 Hwy. 35 Osceola, WI 54020 NW 1/4 of SW 1/4, Sec. 34, Township 33 N, Range 19 W
Tank Owner:	Arlan Hanson 613 Hwy. 35 Osceola, WI 54020 Phone: 715-294-3119
Engineering/Tank Cleaning Services:	River Oil Company 448 Hwy. 35, P.O. Box 216 Somerset, WI 54025 Phone: 715-247-3383
Certified Tank Removal and Cleaning Technicians:	Richard Leverty Certification No.: 656295
Tank Inspector or Third Party:	Randy Shervey 13143 County Hwy. OO Chippewa Falls, WI 54729-7377 Phone: 715-723-0607 LPO #: 00010
Site Assessment Services:	Cedar Corporation 604 Wilson Avenue Menomonie, WI 54751
Certified Site Assessor:	Mark Iverson Certification #: 46672 Copy of Certification as Appendix A



LEGEND

Osceola, WI - MN
USGS Topographic Quadrangles
7.5 Minute Series, 1978

Contour Interval -10 feet
NW1/4, SW1/4, Sect. 34, T33N, R19W
Polk County

Cedar corporation

engineers • architects • planners • environmental specialists
land surveyors • landscape architects • interior designers

604 Wilson Avenue
Menomonie, WI 54751

715-235-9081
800-472-7372
Fax • 715-235-2727
www.cedarcorp.com

DRAWN BY	SITE LOCATION MAP	CHECKED BY
MWI		mwi
DATE: 11/99	HANSON ELECTRIC 613 HWY 35 OSCEOLA, WI 54020	JOB NO.: 1964-0014
REVISED BY: MWI		FIGURE: 1
SCALE: 1" : 1000'		

II. BACKGROUND INFORMATION

Property Use:

The property is the current location of the Hanson Electric shop and office.

Tanks:

Tank ID #	Size	Contents	Capacity	Status
324965	1000	Unleaded	1000	Abandoned Removed

Previous Geotechnical Investigations:

No known geotechnical investigations have been completed on the property.

III. TANK CLOSURE INFORMATION

Observations:

Free Product	N	Excavation Depth	7.5 ft.
Soil Staining	N	Free Standing Water	N
Soil Odors	Y		

Tank and Piping Conditions:

Pitted	N	Holed	N
Rusted	Y	Coating Intact	NA

Other Observations: The tank appeared to be in good condition. There were no visible pitts or holes.

IV. CLEANING WASTES

Cleaning and disposal of the tank and piping was completed by Riverview Oil. The cleaning wastes were also collected and transported by Riverview Oil.

V. ENVIRONMENTAL ASSESSMENT

Two soil samples were collected beneath the tank at six feet below ground surface (bgs). An addition sample was collected at 7.5 feet bgs. Samples could not be collected beyond this due to the extremely hard nature of the limestone. Obvious contamination did not limit sample collection.

Sample Method Field: PID
Lab: GRO and PVOC

Laboratory: Test America
602 Commerce Drive
Watertown, WI 53094
Phone: 920-261-1660
WI DNR Certification No. 128053530

TABLE OF RESULTS

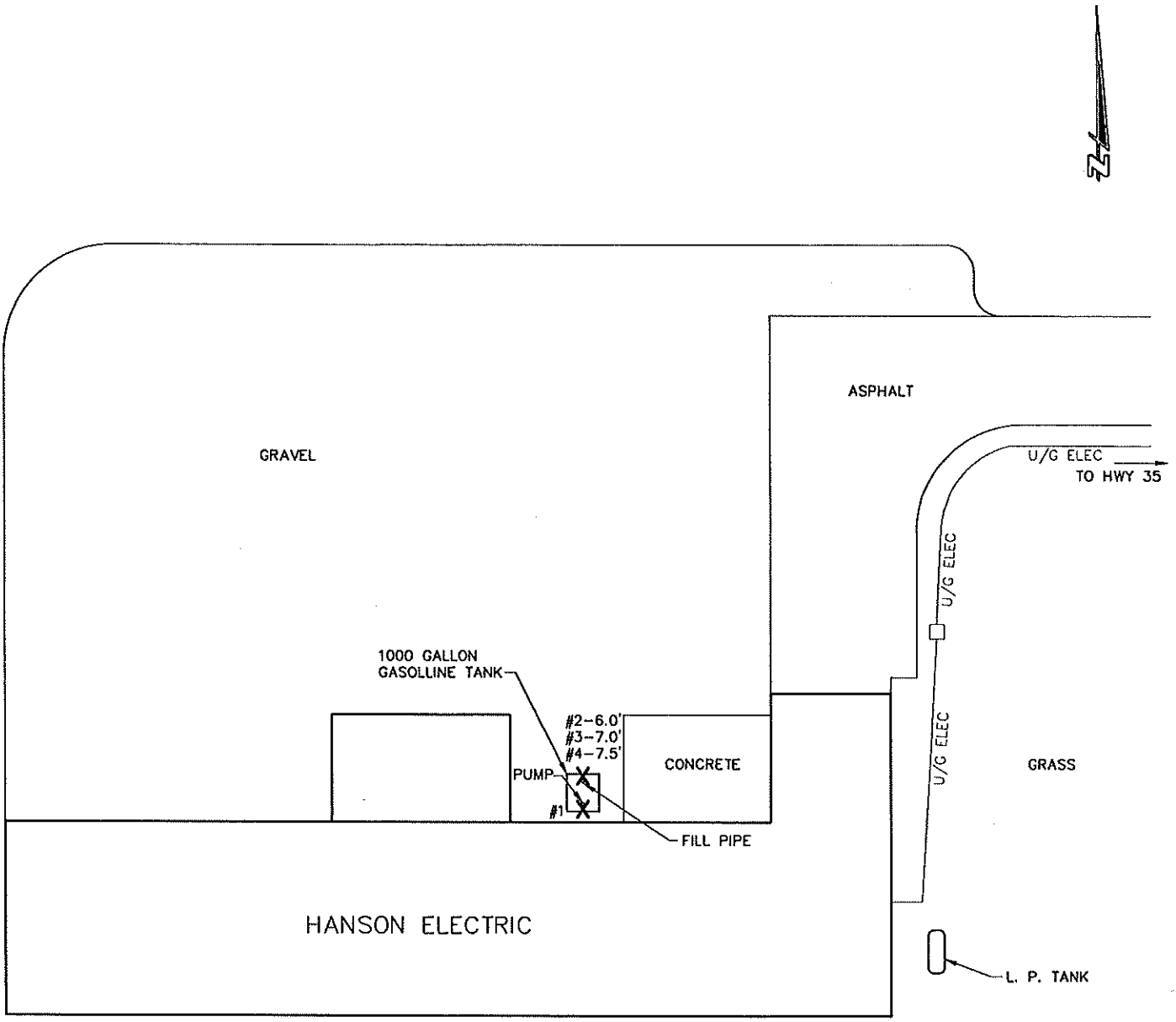
SAMPLE ID	DEPTH FT.	PID I.U.	GRO PPM	MOISTURE %
1	6	0	<6.1	18.6
2	6	2120	424	17.4
3	7	172	-	-
4	7.5	146	15	14.3

Results of Assessment:

Analytic results indicate that a release has occurred from the petroleum system at Hanson Electric. The DNR has been notified of the release.

VI. STANDARD OF CARE

Cedar Corporation has completed the work described within this report and warrants its contents to be factual. The analytical results are reported within the limits of the methods employed to provide analyses for the various compounds tested. No guarantee or warranty is expressed or implied of the conclusions forwarded in this report.



X #1 = SAMPLE LOCATION

0' 15' 30'

GRAPHIC SCALE (APPROXIMATE)

Cedar corporation
engineers • architects • planners • environmental specialists
land surveyors • landscape architects • interior designers
604 Wilson Avenue
Menomonie, Wisconsin 54751
715-235-9081
800-472-7372
FAX 715-235-2727
www.cedarcorp.com

DRAWN BY	PROJECT TITLE	CHECKED BY
PKF	HANSON ELECTRIC	MWI
DATE: NOV. '99	613 HWY 35	JOB NO.: 1964-014
FILE: HANSON.DWG	OSCEOLA, WI 54020	FIGURE: 2
SCALE: AS NOTED		

APPENDIX A

SITE ASSESSOR CERTIFICATION

Id:
46672
MARK W IVERSON

Certification, License, or Registration Name	Expires
Soil Tester Certification	06/30/01
PECFA Consultant Registration	11/20/00
Site Assessor Certification	11/19/00

Wisconsin Department of Commerce

Signature:

APPENDIX B

FIELD PROCEDURES

SAMPLE COLLECTION AND HANDLING PROCEDURES

SOIL SAMPLING TECHNIQUES

Hand Auger Soil Borings

Soil samples were recovered from soil borings completed with a stainless steel auger. The auger consists of a 12 inch long, 3 ½ inch diameter enclosed sampling device. It is connected to 4 ½ foot long rods equipped with screw threads such that additional sections can be added to increase the depth of sampling. The auger sections are marked to identify the depth of the sample. The auger is decontaminated prior to each sampling event.

Hollow Stem Auger Soil Borings

Soil borings at this site were completed using 4 1/4 inch HSA (hollow stem augers) at locations as determined by the existing conditions and at the direction of the field supervisor. Soil samples were recovered using standard split spoon sampling methods. In this method, a 2 inch diameter, 24 inch sample spoon is attached to an AW rod. When the auger has reached the desired depth, the spoon is lowered into the auger until it reaches the top of the sampling interval. Using a 140 pound hammer dropped 30 inches, the spoon is driven into the formation. A sample catcher in the tip holds the sample in the spoon. During the driving of the spoon, the number of hammer blows is noted for each six inches of advancement. These values are recorded on the driller's logs.

The sample spoon is retrieved from the boring and opened. A field geological log is completed and the soils are sampled for field screening, laboratory analysis, and/or sieve analysis. Prior to reuse, the sampling equipment is decontaminated.

Hydraulically Advanced Sampling Techniques

Hydraulically advanced sampling techniques, such as Geoprobe[R], typically use a one inch outer diameter steel probe with a large bore soil core sampler. The probe rods and the sampling unit are driven to the desired sampling depth by a carrier vehicle mounted sampling unit. The probe rods and sampler are hydraulically advanced using the static weight of the carrier vehicle to assist in penetrating the formation or a combination of vehicle weight and hydraulic hammer percussion. Typical sample lengths are 24 inches.

While driving the soil core sampler to the desired depth, a pin stops the end point and piston from sliding into the collection tube. At the desired sampling depth, the pin is removed and the probe rods advanced some 24 inches. The piston and end point are forced into the collection chamber by the sample being collected. Sample collection chambers are typically lined with removable acetate sleeves. The sampling device is brought to the surface and the sample, contained in the acetate sleeve, retrieved from the carrier assembly.

Upon retrieval the sample is immediately opened, logged, sampled for laboratory analysis (if required) and placed in a clean jar for Headspace Analysis. After each sampling event the probe rods and soil core sampling equipment are decontaminated. A new acetate liner is placed in the sampling chamber for the next sampling event.

Soil Sample Collection

Soil samples are recovered at various depths and locations as directed by the on site environmental specialist/geologist. Samples are recovered using clean stainless steel sampling devices which are cleaned between each sampling event by personnel trained in sampling procedures. At the desired sample location, a soil sample is immediately collected from the sampling unit with a clean spatula and placed in a one quart glass jar for field screening. If desired, a split sample is collected and placed in a laboratory specimen jar with a Teflon lined septum for laboratory analysis. Personal protective equipment including latex disposable gloves, safety glasses, boots, hard hats, and organic vapor masks are used as necessary as protection from potential contaminants.

Field Screening

Soil samples recovered at various depths and locations during the investigation are logged and field screened using a Photovac Microtip MP-1 PID (photo ionization detector) with a 10.6eV lamp or a Flame Ionization Detector (FID). Field screening is completed using the "Headspace Method" wherein sufficient sample is placed in a one quart glass jar. The jar is tightly sealed with aluminum foil, agitated to break up the soil, and slightly warmed to encourage the release of any volatile organic compounds in the sample. After a suitable waiting period as defined in Wisconsin Administrative Code ILHR 10, the foil is pierced and the sampling probe of the instrument is introduced into the "headspace" and an analysis of the vapor in the jar is completed.

TOOL CLEANING METHODS

Any tools used in a sampling event (soil or groundwater) are thoroughly cleaned between each sampling event to eliminate potential cross-contamination of samples. An Alconox and water solution and a scrub brush are used to remove residual contaminants that may be present on the device. After all potential contaminants are believed to have been removed, the tools are triple rinsed including a rinse in deionized water to remove the detergent solution. The tools are then placed on a clean surface to air dry.

ANALYTICAL LABORATORY SAMPLE PREPARATION

Soils

When a soil sample is to be laboratory analyzed, a sample is taken and sealed in a laboratory provided glass jar having a Teflon lined septum. WDNR Analytical and Quality Assurance Guidance, July, 1993, PUBL-SW-130-93 is used for sampling and analytical guidance. For modified GRO, VOC, and PVOC analyses, a minimum of 25 grams and up to a maximum of 70 grams of sample are preserved in methanol in a 120 ml capacity sample containers. For DRO analysis, a minimum of 25 grams and up to a maximum of 70 grams of sample are collected in 120 ml capacity sample containers. Additional samples are collected to determine dry weight for all four analyses. The samples are transferred to a cooler to maintain a sample temperature of 4 °C.

Groundwater

Monitoring wells being sampled after development must be purged. According to the Wisconsin Department of Natural Resources Groundwater Sampling Procedures Field Manual (PUBL-WR-168-87), the monitoring well to be sampled must have four well volumes purged by use of a pump or bailer and transferred to a laboratory acquired bottle by a bottom emptying device. Latex disposable gloves are worn throughout the purging and collection procession. Sampling is completed following the WDNR Analytical and Quality Assurance Guidance, July, 1993. GRO samples are collected in 40 ml glass vials, DRO samples in one liter amber glass containers, and VOC and PVOC samples in three 40 ml glass vials. All vials and containers have Teflon lined septums. All samples are preserved with HCl as the method requires. The samples are preserved on ice at or below a temperature of 4 degrees Celsius throughout handling and shipment to the laboratory.

Air Sample Collection

Air samples are collected by drawing 200 cubic centimeters per minute through a carbon adsorption tube for 15 minutes. This produces a sample of 3 liters volume as required by the analytical method. The samples are preserved on ice and shipped to a laboratory. Analyses for benzene and total hydrocarbons are completed following the NIOSH Methods 1501 and 1550, respectively.

Sample Preservation During Shipping

Samples to be laboratory analyzed are placed in a cooler with ice to preserve the sample temperature at or just below 4 ° Celsius. Samples are shipped in an insulated sealed cooler with ice and cushioned / insulated in bubble wrap to maintain the 4° C temperature. When opened in the laboratory, the sample custodian notes sample conditions and temperature or notes "on ice" on the chain of custody record to verify sample preservation. In the laboratory, samples are stored in a refrigerated location.

Laboratory Procedures

For this project the samples were sent to a Wisconsin Department of Natural Resources certified laboratory as noted in the main body of the report. Samples collected during this project were analyzed following those analytical procedures documented in the LUST Analytical Guidance PUBL-SW-130-93, July 1993. Analytical procedures referenced in this report are defined in the LUST Analytical Guidance and/or the EPA Methods Manual (EPA SW-846) which fully describes the procedures for each method. These procedures include specific quality control criteria as associated with the particular method. The requirements include instrument calibration and quality control samples and require daily laboratory performance tests as well as demonstrations of instrument precision and accuracy.

CHAIN-OF-CUSTODY DOCUMENTATION

This section describes procedures to identify samples and document handling of the sample. The purpose of these procedures is to ensure that the integrity of the samples is maintained during collection, transportation, storage and analysis.

Sample Identification

Sample identification documents are carefully prepared so that sample identification and chain-of-custody is maintained and sample disposition controlled.

Sample identification documents include:

* field notebooks
* sample labels
* chain-of-custody (DNR Form 4400-151)

Each sample is labeled, physically preserved, and sealed immediately after collection. To minimize handling of sample containers, labels are completed immediately prior to sample collection. The sample label is completed using waterproof ink and is firmly affixed to the sample containers. The sample label provides the following information:

* location
* sample number
* date and time of collection
* analysis required
* name of sampler

A chain-of-custody record (DNR Form 4400-151 or similar) is fully completed in duplicate by the sampler immediately following sample collection.

Shipping Transfer of Custody

The coolers in which the samples are packed are accompanied by the chain-of-custody record. When transferring samples, the individuals relinquishing and receiving them sign, date, and note the time of transfer on the chain-of-custody record.

Laboratory Custody Procedures

A designated sample custodian accepts custody of the shipped samples and verifies that the sample identification number matches that on the chain-of-custody record. This individual also records the temperature of the received samples on the chain of custody records. Any discrepancies are immediately noted to the sampler. A copy of the completed chain-of-custody record is retained by the laboratory until analyses are completed. The record is returned to the project file with the analytical results.

APPENDIX C

ANALYTICAL RESULTS

TestAmerica
INCORPORATED

ANALYTICAL AND QUALITY CONTROL REPORT

Mr. Mark Iverson
CEDAR CORPORATION
604 Wilson Avenue
Menomonie, WI 54751

10/04/1999

Job No: 99.08492

Enclosed are the Analytical and Quality Control reports for the following samples submitted for analysis:

Sample Number	Sample Description	Date Taken	Date Received
366739	#1 #1964-0014-303-01 Riverview	09/22/1999	09/24/1999
366740	#2 #1964-0014-303-01 Riverview	09/22/1999	09/24/1999
366741	#4 #1964-0014-303-01 Riverview	09/22/1999	09/24/1999

Soil results are reported on a dry weight basis. The above sample(s) may have a result flag shown on the report. The following are the result flag definitions:

A = Analyzed/extracted past hold time
B = Blank is contaminated
C = Standard outside of control limits
D = Diluted for analysis
F = Sample filtered in lab
G = Received past hold time
H = Late eluting hydrocarbons present
I = Improperly handled sample
J = Estimated concentration
L = Common lab solvent and contaminant
M = Matrix interference
P = Improperly preserved sample
Q = Result confirmed via re-analysis
S = Sediment present
T = Does not match typical pattern
W = BOD re-set due to missed dilution
X = Unidentified compound(s) present
Z = Internal standard outside limits

Brian D. DeJong
Organic Operations Manager

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Mr. Mark Iverson
CEDAR CORPORATION
604 Wilson Avenue
Menomonie, WI 54751

10/04/1999
Job No: 99.08492
Sample No: 366739
Account No: 13800

JOB DESCRIPTION: #1964-0014-303-01 Riverview Oil
PROJECT DESCRIPTION: Soil Analysis
SAMPLE DESCRIPTION: #1 #1964-0014-303-01 Riverview
Rec'd on ice

Date/Time Taken: 09/22/1999 08:40 Date Received: 09/24/1999

Parameter	Results	Units	Reporting Limit	Method	Date Analyzed	Prep/Ru.. Batch
Solids, Total	81.4	%	n/a	SW 5030	09/30/1999	29 i
PVOC - NONAQUEOUS						
Benzene	<31	ug/kg	25	SW 8020	10/01/1999	2454
Ethylbenzene	<31	ug/kg	25	SW 8020	10/01/1999	24 l
Methyl-t-butyl ether	<31	ug/kg	25	SW 8020	10/01/1999	24 l
Toluene	<31	ug/kg	25	SW 8020	10/01/1999	2454
1,2,4-Trimethylbenzene	<31	ug/kg	25	SW 8020	10/01/1999	2454
1,3,5-Trimethylbenzene	<31	ug/kg	25	SW 8020	10/01/1999	24 l
Xylenes, Total	<92	ug/kg	75	SW 8020	10/01/1999	24 l
GRO	<6.1	mg/kg	5.0	WDNR	10/01/1999	2454
Surr: Bromofluorobenzene	99.0	%	n/a	SW 8020	10/01/1999	24 l

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Mr. Mark Iverson
CEDAR CORPORATION
604 Wilson Avenue
Menomonie, WI 54751

10/04/1999
Job No: 99.08492
Sample No: 366740
Account No: 13800

JOB DESCRIPTION: #1964-0014-303-01 Riverview Oil
PROJECT DESCRIPTION: Soil Analysis
SAMPLE DESCRIPTION: #2 #1964-0014-303-01 Riverview
Rec'd on ice

Date/Time Taken: 09/22/1999 08:45 Date Received: 09/24/1999

Parameter		Results	Units	Reporting Limit	Method	Date Analyzed	Prep/Run Batch
Solids, Total		82.6	%	n/a	SW 5030	09/30/1999	2956
PVOC - NONAQUEOUS							
Benzene		1,210	ug/kg	25	SW 8020	10/01/1999	2454
Ethylbenzene		2,420	ug/kg	25	SW 8020	10/01/1999	2454
Methyl-t-butyl ether		<600	ug/kg	25	SW 8020	10/01/1999	2454
Toluene		8,350	ug/kg	25	SW 8020	10/01/1999	2454
1,2,4-Trimethylbenzene		23,000	ug/kg	25	SW 8020	10/01/1999	2454
1,3,5-Trimethylbenzene		10,000	ug/kg	25	SW 8020	10/01/1999	2454
Xylenes, Total		36,300	ug/kg	75	SW 8020	10/01/1999	2454
GRO	H	424	mg/kg	5.0	WDNR	10/01/1999	2454
Surr: Bromofluorobenzene		86.5	%	n/a	SW 8020	10/01/1999	2454

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Mr. Mark Iverson
CEDAR CORPORATION
604 Wilson Avenue
Menomonie, WI 54751

10/04/1999
Job No: 99.08492
Sample No: 366741
Account No: 13800

JOB DESCRIPTION: #1964-0014-303-01 Riverview Oil
PROJECT DESCRIPTION: Soil Analysis
SAMPLE DESCRIPTION: #4 #1964-0014-303-01 Riverview
Rec'd on ice

Date/Time Taken: 09/22/1999 08:50 Date Received: 09/24/1999

Parameter		Results	Units	Reporting Limit	Method	Date Analyzed	Prep/Ru.. Batch
Solids, Total		85.7	%	n/a	SW 5030	09/30/1999	29 [illegible]
PVOC - NONAQUEOUS							
Benzene		<29	ug/kg	25	SW 8020	10/01/1999	2454
Ethylbenzene		50	ug/kg	25	SW 8020	10/01/1999	24 [illegible]
Methyl-t-butyl ether		<29	ug/kg	25	SW 8020	10/01/1999	24 [illegible]
Toluene		100	ug/kg	25	SW 8020	10/01/1999	2454
1,2,4-Trimethylbenzene		1,030	ug/kg	25	SW 8020	10/01/1999	2454
1,3,5-Trimethylbenzene		502	ug/kg	25	SW 8020	10/01/1999	24 [illegible]
Xylenes, Total		957	ug/kg	75	SW 8020	10/01/1999	24 [illegible]
GRO	H	15	mg/kg	5.0	WDNR	10/01/1999	2454
Surr: Bromofluorobenzene		97.0	%	n/a	SW 8020	10/01/1999	24[illegible]4

602 COMMERCE DRIVE / WATERTOWN, WI 53094 / 920-261-1660 / FAX: 920-261-8120
WDNR NO. 128053530

99.08492

CHAIN OF CUSTODY RECORD

TestAmerica INCORPORATED

COMPANY Cedar Corporation
ADDRESS 604 Wilson Ave Menomonie
PHONE 715-235-9081 FAX 235-2727
PROJECT NAME/LOCATION Riverview Oil - Osceola
PROJECT NUMBER 1964-0014-305-01
PROJECT MANAGER Mark Iverson

REPORT TO: Cedar Corporation
INVOICE TO: Cedar
P.O. NO.
QUOTE NO.

SAMPLED BY
Mark Iverson (PRINT NAME) Mark Iverson SIGNATURE
(PRINT NAME) SIGNATURE

DATE	TIME	SAMPLE ID/DESCRIPTION	MATRIX	GRAB	COMP	# and Type of Containers: HCl	NaOH	HNO_3	H_2SO_4	OTHER	ANALYSES: WI-GRO+DRO	BOAS
9-22-99	840	#1	S	X						2	X	
	845	#2	S	X					2	3	X	
↓	850	#4	S	X						3	X	

To assist us in selecting the proper method

Is this work being conducted for regulatory compliance monitoring? Yes ____ No ____

Is this work being conducted for regulatory enforcement action? Yes ____ No ____

Which regulations apply: RCRA ____ NPDES Wastewater ____ UST ____ Drinking Water ____ Other ____ None ____

COMMENTS

Preserved with 25 mls MeOH

↓ Bottle says #3

Bottles Say Hanson Electr.

CONDITION OF SAMPLE: BOTTLES INTACT? YES / NO
FIELD FILTERED? YES / NO
COC SEALS PRESENT AND INTACT? YES / NO
VOLATILES FREE OF HEADSPACE? YES / NO
TEMPERATURE UPON RECEIPT: ICE
Bottles supplied by LAB? YES / NO

SAMPLE REMAINDER DISPOSAL: RETURN SAMPLE REMAINDER TO CLIENT VIA ____
I REQUEST LAB TO DISPOSE OF ALL SAMPLE REMAINDERS ____ DATE ____

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	RELINQUISHED BY:	DATE	TIME	RECEIVED FOR LAB BY:
Mark Iverson	9/23/99	1400			9/24/99	14:50	Shelley Loomis

METHOD OF SHIPMENT: Dunham

REMARKS:

09/27/99

PT 1 - ORIGINAL - WHITE PT 2 - PROJECT MANAGER - YELLOW PT 3 - CUSTOMER COPY - PINK

APPENDIX D

TANK INVENTORY FORM (SBD-7437)

Reg Obj #: 324965

UNDERGROUND FLAMMABLE/COMBUSTIBLE LIQUID STORAGE TANK INVENTORY

Information Required By Section 101.142, Wis. Stats.

Send Completed Form To:
Department of Commerce
Bureau of Storage Tank Regulation
P.O. Box 7837
Madison, WI 53707-7837

Underground tanks in Wisconsin that have stored or currently store petroleum or regulated substances must be registered. A separate form is needed for each tank. Send each completed form to the agency designated in the top right corner. Have you previously registered this tank by submitting a form? ☐ Yes ☒ No If yes, are you correcting/updating information only? ☐ Yes ☐ No
Personal information you provide may be used for secondary purposes. [Privacy Law, s. 15.04 (1)(m)]

This registration applies to a tank that is (check one):
☐ In Use ☒ Closed - Tank Removed ☐ Ownership Change (Indicate new owner name in block 2)
☐ Newly Installed ☐ Closed - Filled with Inert Materials
☐ Abandoned with Product ☐ Temporary Out of Service - Provide Date: _____
☐ Abandoned without Product (empty) ☐ Abandon with Water

Fire Department providing fire coverage where tank is located: ☐ City ☐ Village ☒ Town of Osceola

A. IDENTIFICATION (Please Print)

1. Tank Site Name	Site Address	Site Telephone Number
Hanson Electric	613 Hwy 55	(715) 294-3119
☐ City ☐ Village ☒ Town of: Farmington	State: WI. / Zip Code: 54020	County: Polk
2. Tank Owner Name	**Mailing Address**	**Telephone Number**
Arlan Hanson	613	(715) 294-3112
☐ City ☒ Village ☐ Town of: Osceola	State: / Zip Code:	County: Polk
3. Previous Name	Previous site address if different than #1	

B. Site ID #: | Facility ID #: | Customer ID #:

C. 4. Tank Age (age or date installed): 19 | 5. Tank Capacity (gallons): 1000

D. LAND OWNER TYPE (check one)
☐ County ☐ Federal Leased ☐ Federal Owned ☐ Municipal ☐ Other Government
☒ Private ☐ State ☐ Tribal Nation

E. OCCUPANCY TYPE (check one)
☐ Gas/Retail Sales ☐ Bulk Storage ☐ Utility ☒ Mercantile/Commercial ☐ Industrial ☐ School ☐ Residential
☐ Agricultural ☐ Backup or Emergency Generator ☐ Other (Specify:)

F. Tank Construction:
☒ Bare Steel ☐ Coated Steel ☐ Unknown
☐ Fiberglass ☐ Steel – Fiberglass Reinforced Plastic Composite
☐ Lined (Date): ☐ Other (specify):

Cathodic Protection
☐ Sacrificial Anodes
☐ Impressed Current
☒ N/A

Overfill Protection? ☐ Yes ☒ No
Spill Containment? ☐ Yes ☒ No
Tank Double Walled? ☐ Yes ☒ No

G. Primary Tank leak detection method:
☐ Inventory control and tightness testing ☐ Automatic tank gauging ☐ Groundwater monitoring
☒ Manual tank gauging (only for tanks of 1,000 gallons or less) ☐ Interstitial monitoring ☐ Vapor monitoring
☐ Statistical Inventory Reconciliation (SIR) ☐ Unknown

H. Piping Construction:
☒ Bare Steel ☐ Coated Steel ☐ Unknown
☐ Fiberglass ☐ Flexible ☐ N/A
☐ Other (specify)

Cathodic Protection
☐ Sacrificial Anodes
☐ Impressed Current
☒ N/A

Pipe Double Walled? ☐ Yes ☒ No

I. Primary Piping System Type: ☐ Pressurized piping with ➡ A. ☐ auto shutoff; B. ☐ alarm or C. ☐ flow restrictor ☐ Unknown
☐ Suction piping with check valve at tank ☒ Suction piping with check valve at pump and inspectable ☐ Not needed if waste oil

J. Piping Leak Detection Method: (used if pressurized or check valve at tank): ☐ SIR ☐ Tightness testing ☐ Electronic line leak monitor
☐ Groundwater monitoring ☐ Vapor monitoring ☐ Interstitial monitoring ☒ Not required ☐ Unknown

K. Vapor Recovery/Stage II CARB #: _____
☐ Fiberglass ☐ Other (specify): ☐ Flexible ☐ Operational - Provide Date (mo/day/yr):

L. TANK CONTENTS (Current, or previous product if tank now empty)
☐ Diesel ☐ Leaded ☒ Unleaded ☐ Fuel Oil ☐ Gasohol
☐ Other (Specify): _____ ☐ Empty ☐ Sand/Gravel/Slurry* ☐ Unknown* ☐ Premix
☐ Waste/Used Motor Oil ☐ Chemical _____ ☐ Kerosene ☐ Aviation ☐ Hazardous Waste*
(Indicate chemical name and number)

* If chosen, this tank is NOT PECFA eligible.

Geo Latitude: | Geo Longitude:

M. If Tank Closed, Abandoned or Out of Service, give date (mo/day/yr): 9-22-99

Has a site assessment been completed (see reverse side for details)
☒ Yes ☐ No

Owner or Operator Name (please print): Bob Quist

Indicate whether: ☐ Owner or ☒ Operator

Owner or Operator Signature: Bob Quist

Date Signed: 9-22-99

Note: Refer to comments on reverse side of form.

ERS-7437 (R. 04/98)

Wisconsin Department of Industry, Labor and Human Relations

Complete one form for each site closure.

CHECKLIST FOR UNDERGROUND TANK CLOSURE

The information you provide may be used by other government agency programs [Privacy Law, s. 15.04 (1) (m)].

RETURN COMPLETED CHECKLIST TO
Safety & Buildings Division
Fire Prevention & Underground Storage Tank Section
P. O. Box 7969, Madison, WI 53707

A. IDENTIFICATION: (Please Print) Indicate whether closure is for: ☒ Tank System ☐ Tank Only ☐ Piping Only

1. Site Name	2. Owner Name
Hanson Electric	Arlan Hanson
Site Street Address (not P.O. Box)	Owner Street Address
613 St. Hwy 35	
☐ City ☐ Village ☒ Town of: Farmington	☐ City ☐ Village ☒ Town of: Osceola / State WI / Zip Code 54025
State WI / Zip Code 54020 / County Polk	County Polk / Telephone No. (include area code) (715) 294-3112

3. Closure Company Name (Print)	Closure Company Street Address,
Riverview Oil Co	448 Hwy 35 PO Box 216
Closure Company Telephone No. (include area code)	Closure Company City, State, Zip Code
(715) 247-3383	Somerset WI 54025
4. Name of Company Performing Closure Assessment	Assessment Company Street Address, City, State, Zip Code
Mark Iverson/Cedar Corporation	604 Wilson Avenue Menomonie WI 54751
Telephone # (include area code) / Certified Assessor Name (Print)	Assessor Signature / Assessor Certification No.
(715) 235-9081 / Mark Iverson	Mark Iverson / 46672

Tank ID #	Closure	Temp. Closure	Closure In Place	Tank Capacity	Contents *	Closure Assessment
1. 324965	☒	☐	☐	1000	.03	☒ Y ☐ N
2.	☐	☐	☐			☐ Y ☐ N
3.	☐	☐	☐			☐ Y ☐ N
4.	☐	☐	☐			☐ Y ☐ N
5.	☐	☐	☐			☐ Y ☐ N
6.	☐	☐	☐			☐ Y ☐ N

* Indicate which product by numeric code: 01-Diesel; 02-Leaded; 03-Unleaded; 04-Fuel Oil; 05-Gasohol; 06-Other; 09-Unknown; 10-Premix; 11-Waste oil; 13-Chemical (indicate the chemical name(s) or numbers(s) _____ _____ _____; 14-Kerosene; 15-Aviation.

Written notification was provided to the local agent 15 days in advance of closure date. ☒ Y ☐ N ☐ NA
All local permits were obtained before beginning closure. ☒ Y ☐ N ☐ NA

Check applicable box at right in response to all statements in Sections B - E.

	Remover Verified	Inspector Verified	NA
B. TEMPORARILY OUT OF SERVICE			
Written inspector approval of temporary closure obtained, which is effective until (provide date) _____	☐ Y ☐ N	☐	☐
1. Product Removed			
a. Product lines drained into tank (or other container) and resulting liquid removed, AND	☐ Y ☐ N	☐	☐
b. All product removed to bottom of suction line, OR	☐ Y ☐ N	☐	☐
c. All product removed to within 1" of bottom.	☐ Y ☐ N	☐	☐
2. Fill pipe, gauge pipe, tank truck vapor recovery fittings, and vapor return lines capped.	☐ Y ☐ N	☐	☐
3. All product lines at the islands or pumps located elsewhere are removed and capped, OR	☐ Y ☐ N	☐	☐
4. Dispensers/pumps left in place but locked and power disconnected.	☐ Y ☐ N	☐	☐
5. Vent lines left open.	☐ Y ☐ N	☐	☐
6. Inventory form filed indicating temporary closure.	☐ Y ☐ N	☐	☐
C. CLOSURE BY REMOVAL			
1. Product from piping drained into tank (or other container).	☒ Y ☐ N	☒	☐
2. Piping disconnected from tank and removed.	☒ Y ☐ N	☒	☐
3. All liquid and residue removed from tank using explosion proof pumps or hand pumps.	☒ Y ☐ N	☒	☐
4. All pump motors and suction hoses bonded to tank or otherwise grounded.	☒ Y ☐ N	☒	☐
5. Fill pipes, gauge pipes, vapor recovery connections, submersible pumps and other fixtures removed. **NOTE: DROP TUBE SHOULD NOT BE REMOVED IF THE TANK IS TO BE PURGED THROUGH THE USE OF AN EDUCTOR.**	☒ Y ☐ N	☒	☐
6. Vent lines left connected until tanks purged.	☒ Y ☐ N	☒	☐
7. Tank openings temporarily plugged so vapors exit through vent.	☒ Y ☐ N	☒	☐
8. Tank atmosphere reduced to 10% of the lower flammable range (LEL) - see Section F.	☒ Y ☐ N	☒	☐
9. Tank removed from excavation after **PURGING/INERTING**; placed on level ground and blocked to prevent movement.	☒ Y ☐ N	☒	☐
10. Tank cleaned before being removed being removed from site.	☐ Y ☒ N	☒	☐

- CONTINUE ON NEXT PAGE -

C. CLOSURE BY REMOVAL (continued)

	Remover Verified	Inspector Verified	NA
11. Tank labeled in 2" high letters after removal but before being moved from site.	☒ Y ☐ N	☒	☐
NOTE: COMPLETE TANK LABELING SHOULD INCLUDE WARNING AGAINST REUSE; FORMER CONTENTS; VAPOR STATE; VAPOR FREEING TREATMENT; DATE.			
12. Tank vent hole (1/8 th " in uppermost part of tank) installed prior to moving the tank from site.	☒ Y ☐ N	☒	☐
13. Inventory form filed by owner with Safety and Buildings Division indicating closure by removal.	☒ Y ☐ N	☒	☐
14. Site security is provided while the excavation is open.	☒ Y ☐ N	☒	☐

D. CLOSURE IN PLACE

NOTE: CLOSURES IN PLACE ARE ONLY ALLOWED WITH THE PRIOR WRITTEN APPROVAL OF THE DEPARTMENT OF INDUSTRY, LABOR AND HUMAN RELATIONS OR LOCAL AGENT.

1. Product from piping drained into tank (or other container).			
2. Piping disconnected from tank and removed.	☐ Y ☐ N	☐	☐
3. All liquid and residue removed from tank using explosion proof pumps or hand pumps.	☐ Y ☐ N	☐	☐
4. All pump motors and suction hoses bonded to tank or otherwise grounded.	☐ Y ☐ N	☐	☐
5. Fill pipes, gauge pipes, vapor recovery connections, submersible pumps and other fixtures removed.	☐ Y ☐ N	☐	☐
NOTE: DROP TUBE SHOULD NOT BE REMOVED IF THE TANK IS TO BE PURGED THROUGH THE USE OF AN EDUCTOR - EDUCTOR OUTPUT 12 FT ABOVE GRADE.			
6. Vent lines left connected until tanks purged.	☐ Y ☐ N	☐	☐
7. Tank openings temporarily plugged so vapors exit through vent.	☐ Y ☐ N	☐	☐
8. Tank atmosphere reduced to 10% of the lower flammable range (LEL) - see Section F.	☐ Y ☐ N	☐	☐
9. Tank properly cleaned to remove all sludge and residue.	☐ Y ☐ N	☐	☐
10. Solid inert material (sand, cyclone boiler slag, pea gravel recommended) introduced and tank filled.	☐ Y ☐ N	☐	☐
11. Vent line disconnected or removed.	☐ Y ☐ N	☐	☐
12. Inventory form filed by owner with Safety and Buildings Division indicating closure in place.	☐ Y ☐ N	☐	☐

E. CLOSURE ASSESSMENTS

NOTE: DETERMINE IF A CLOSURE ASSESSMENT IS REQUIRED BY REFERRING TO ILHR 10.

1. Individual conducting the assessment has a closure assessment plan (written) which is used as the basis for their work on the site.	☒ Y ☐ N	☐	☐
2. Do points of obvious contamination exist?	☐ Y ☒ N	☒	☐
3. Are there strong odors in the soils?	☐ Y ☒ N	☒	☐
4. Was a field screening instrument used to pre-screen soil sample locations?	☒ Y ☐ N	☒	☐
5. Was a closure assessment omitted because of obvious contamination?	☐ Y ☒ N	☐	☐
6. Was the DNR notified of suspected or obvious contamination?	☐ Y ☒ N	☐	☐

Agency, office and person contacted: _____

7. Contamination suspected because of: ☐ Odor ☐ Soil Staining ☐ Free Product ☐ Sheen On Groundwater ☐ Field Instrument Test

F. METHOD OF ACHIEVING 10% LEVEL DESCRIPTION

☐ Educator Or Diffused Air Blower
Eductor driven by compressed air, bonded and drop tube left in place; vapors discharged minimum of 12 feet above ground. Diffused air blower bonded and drop tube removed. Air pressure not exceeding 5 psig.

☐ Dry Ice
Dry ice introduced at 1.5 pounds per 100 gallons of tank capacity. Dry ice crushed and distributed over the greatest possible tank area. Dry ice evaporated before proceeding.

☒ Inert Gas (CO/2 or N/2) **NOTE: INERT GASSES PRODUCE AN OXYGEN DEFICIENT ATMOSPHERE. THE TANK MAY NOT BE ENTERED IN THIS STATE WITHOUT SPECIAL EQUIPMENT**
Gas introduced through a single opening at a point near the bottom of the tank at the end of the tank opposite the vent. Gas introduced under low pressure not to exceed 5 psig to reduce static electricity. Gas introducing device grounded.

☒ Tank atmosphere monitored for flammable or combustible vapor levels.
Calibrate combustible gas indicator. Drop tube removed prior to checking atmosphere. Tank space monitored at bottom, middle and upper portion of tank. Readings of 10% or less of the lower flammable range (LEL) obtained before removing tank from ground.

G. NOTE SPECIFIC PROBLEMS OR NONCOMPLIANCE ISSUES BELOW

H. REMOVER/CLEANER INFORMATION

Remover Name (print)	Remover Signature	Remover Certification No.	Date Signed
Richard A. Lovejoy		656295	9-22-99

I. INSPECTOR INFORMATION

Inspector Name (print)	Inspector Signature	Inspector Certification No.
RANDY SHERVEY		35167

FDID # For Location Where Inspection Performed	Inspector Telephone Number	Date Signed
4809	(715) 723-0607	9-22-99