



June 29, 2018

MR AARON SCHLOEMER
2702 JASON AVE
UNIT #4
SCHOFIELD WI 54476

KEEP THIS DOCUMENT WITH YOUR PROPERTY RECORDS

SUBJECT: Final Case Closure with Continuing Obligations
Clark Station (a.k.a. Hawk's Express), 411 North 4th Street, Tomahawk, Wisconsin
DNR BRRTS Activity #03-35-197014

Dear Mr. Schloemer:

The Department of Natural Resources (DNR) considers the Clark Station/Hawk's Express site closed, with continuing obligations. No further investigation or remediation is required at this time. However, you, future property owners, and occupants of the property must comply with the continuing obligations as explained in the conditions of closure in this letter. Please read over this letter closely to ensure that you comply with all conditions and other on-going requirements. Provide this letter and any attachments listed at the end of this letter to anyone who purchases, rents or leases this property from you. Certain continuing obligations also apply to affected property owners or rights-of-way holders. These are identified within each continuing obligation.

This final closure decision is based on the correspondence and data provided, and is issued under chs. NR 726 and 727, Wis. Adm. Code. The DNR's Northern Region Closure Committee reviewed the request for closure on March 17, 2014. The DNR Closure Committee reviewed this environmental remediation case for compliance with state laws and standards to maintain consistency in the closure of these cases. A request for remaining actions needed was issued by the DNR on March 21, 2014, and documentation that the conditions in that letter were met was received on January 26, 2016.

The site was a service station. Petroleum contamination was discovered in soil and groundwater associated with the site's former underground petroleum storage tanks. Soil excavation, free product recovery and groundwater monitoring were conducted to address the contamination. The conditions of closure and continuing obligations required were based on the property being used for commercial purposes.

Continuing Obligations

The continuing obligations for this site are summarized below. Further details on actions required are found in the section Closure Conditions.

- Groundwater contamination is present at or above ch. NR 140, Wis. Adm. Code, enforcement standards.
- Residual soil contamination exists that must be properly managed should it be excavated or removed.
- One or more monitoring wells were not located and must be properly filled and sealed if found.

The attached DNR fact sheet "Continuing Obligations for Environmental Protection," RR-819, helps to explain a property owner's responsibility for continuing obligations on their property. The fact sheet may be obtained at <http://dnr.wi.gov/files/PDF/pubs/rr/RR819.pdf>.

GIS Registry

This site will be included on the Bureau for Remediation and Redevelopment Tracking System (BRRTS on the Web) at <http://dnr.wi.gov/topic/Brownfields/wrrd.html>, to provide public notice of residual contamination and of any continuing obligations. The site can also be viewed on the Remediation and Redevelopment Sites Map (RRSM), a map view, under the Geographic Information System (GIS) Registry layer, at the same web address.

DNR approval prior to well construction or reconstruction is required for all sites shown on the GIS Registry, in accordance with s. NR 812.09 (4) (w), Wis. Adm. Code. This requirement applies to private drinking water wells and high capacity wells. To obtain approval, complete and submit Form 3300-254 to the DNR Drinking and Groundwater program's regional water supply specialist. This form can be obtained on-line at <https://dnr.wi.gov/files/PDF/forms/3300/3300-254.pdf>.

All site information is also on file at the DNR's Northern Region office, at 107 Sutliff Avenue in Rhinelander, Wisconsin. This letter and information that was submitted with your closure request application, including any maps, can be found as a Portable Document Format (PDF) in BRRTS on the Web.

Closure Conditions

Compliance with the requirements of this letter is a responsibility to which you and any subsequent property owners must adhere. DNR staff will conduct periodic prearranged inspections to ensure that the conditions included in this letter and the attached maintenance plan are met. If these requirements are not followed, the DNR may take enforcement action under s. 292.11, Wis. Stats. to ensure compliance with the specified requirements, limitations or other conditions related to the property.

Please send written notifications in accordance with the following requirements to:

Department of Natural Resources
Attn: Remediation and Redevelopment Program Environmental Program Associate
107 Sutliff Ave.
Rhinelander, WI 54501

Residual Groundwater Contamination (ch. NR 140, 812, Wis. Adm. Code)

Groundwater contamination greater than enforcement standards is present both on this contaminated property and off this contaminated property, as shown on the attached Figure 4, Estimated Extent of Groundwater Contamination (02/14/12), prepared by REI Engineering, Inc. (REI) and dated July 9, 2012. If you intend to construct a new well, or reconstruct an existing well, you'll need prior DNR approval. Affected property owners and right-of-way holders were notified of the presence of groundwater contamination. This continuing obligation also applies to the owners of 408 North 4th Street; 412 North 4th Street; 413 North 4th Street; and 416 North 4th Street in Tomahawk, as well as the ROW holders for North 4th Street adjacent to these properties.

Residual Soil Contamination (ch. NR 718, chs. 500 to 536, Wis. Adm. Code or ch. 289, Wis. Stats.)

Soil contamination remains as indicated on the attached Figure 5A, Estimated Area of Residual Contaminated Soil/Tank Removal Soil Sample Locations, and Figure 5B, Estimated Area of Residual Contaminated Soil, prepared by REI and dated March 26, 2014 and March 17, 2014, respectively. If soil in the specific locations described above is excavated in the future, the property owner or right-of-way holder at the time of excavation must sample and analyze the excavated soil to determine if contamination remains. If sampling confirms that contamination is present, the property owner or right-of-way holder at the time of excavation will need to determine whether the material is considered solid or hazardous waste and ensure that any storage, treatment or disposal is in compliance with applicable standards and rules. Contaminated soil may be managed in accordance with ch. NR 718, Wis. Adm. Code, with prior DNR approval. This continuing obligation also applies to the owners of 413 North 4th Street

In addition, all current and future owners and occupants of the property and right-of-way holders need to be aware that excavation of the contaminated soil may pose an inhalation or other direct contact hazard and as a result special precautions may need to be taken to prevent a direct contact health threat to humans.

Depending on site-specific conditions, construction over contaminated soils or groundwater may result in vapor migration of contaminants into enclosed structures or migration along newly placed underground utility lines. The potential for vapor inhalation and means of mitigation should be evaluated when planning any future redevelopment, and measures should be taken to ensure the continued protection of public health, safety, welfare and the environment at the site.

Monitoring Wells that could not be Properly Filled and Sealed (ch. NR 141, Wis. Adm. Code)

Monitoring well MW-10, located on 417 North 4th Street, shown on the attached Figure 4, Estimated Extent of Groundwater Contamination (02/14/12), could not be properly filled and sealed because the well was missing due to being paved over, covered or removed during site development activities. Your consultant made a reasonable effort to locate the well and to determine whether it was properly filled and sealed, but was unsuccessful. You may be held liable for any problems associated with the monitoring well if it creates a conduit for contaminants to enter groundwater. If the groundwater monitoring well is found, the then current owner of the property on which the well is located is required to notify the DNR, to properly fill and seal the wells and to submit the required documentation to the DNR. This continuing obligation applies to the owners of 417 North 4th Street.

Other Closure Information

PECFA Reimbursement

Section 101.143, Wis. Stats., requires that Petroleum Environmental Cleanup Fund Award (PECFA) claimants seeking reimbursement of interest costs, for sites with petroleum contamination, submit a final reimbursement claim within 120 days after they receive a closure letter on their site. For claims not received within 120 days of the date of this letter, interest costs after 60 days of the date of this letter will not be eligible for PECFA reimbursement. If there is equipment purchased with PECFA funds remaining at the site, contact the DNR Project Manager to determine the method for salvaging the equipment.

Per Wisconsin Act 55 (2015 State budget), a claim for PECFA reimbursement must be submitted within 180 days of incurring costs (i.e., completing a task). If your final PECFA claim is not submitted within 180 days of incurring the costs, the costs will not be eligible for PECFA reimbursement.

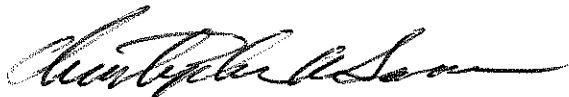
In Closing

Please be aware that the case may be reopened pursuant to s. NR 727.13, Wis. Adm. Code, for any of the following situations:

- if additional information regarding site conditions indicates that contamination on or from the site poses a threat to public health, safety, or welfare or to the environment,
- if the property owner does not comply with the conditions of closure, with any deed restrictions applied to the property, or with a certificate of completion issued under s. 292.15, Wis. Stats., or
- a property owner fails to maintain or comply with a continuing obligation (imposed under this closure approval letter).

The DNR appreciates your efforts to restore the environment at this site. If you have any questions regarding this closure decision or anything outlined in this letter, please contact DNR Project Manager John Sager at 715-392-7822, or at John.Sager@Wisconsin.gov.

Sincerely,

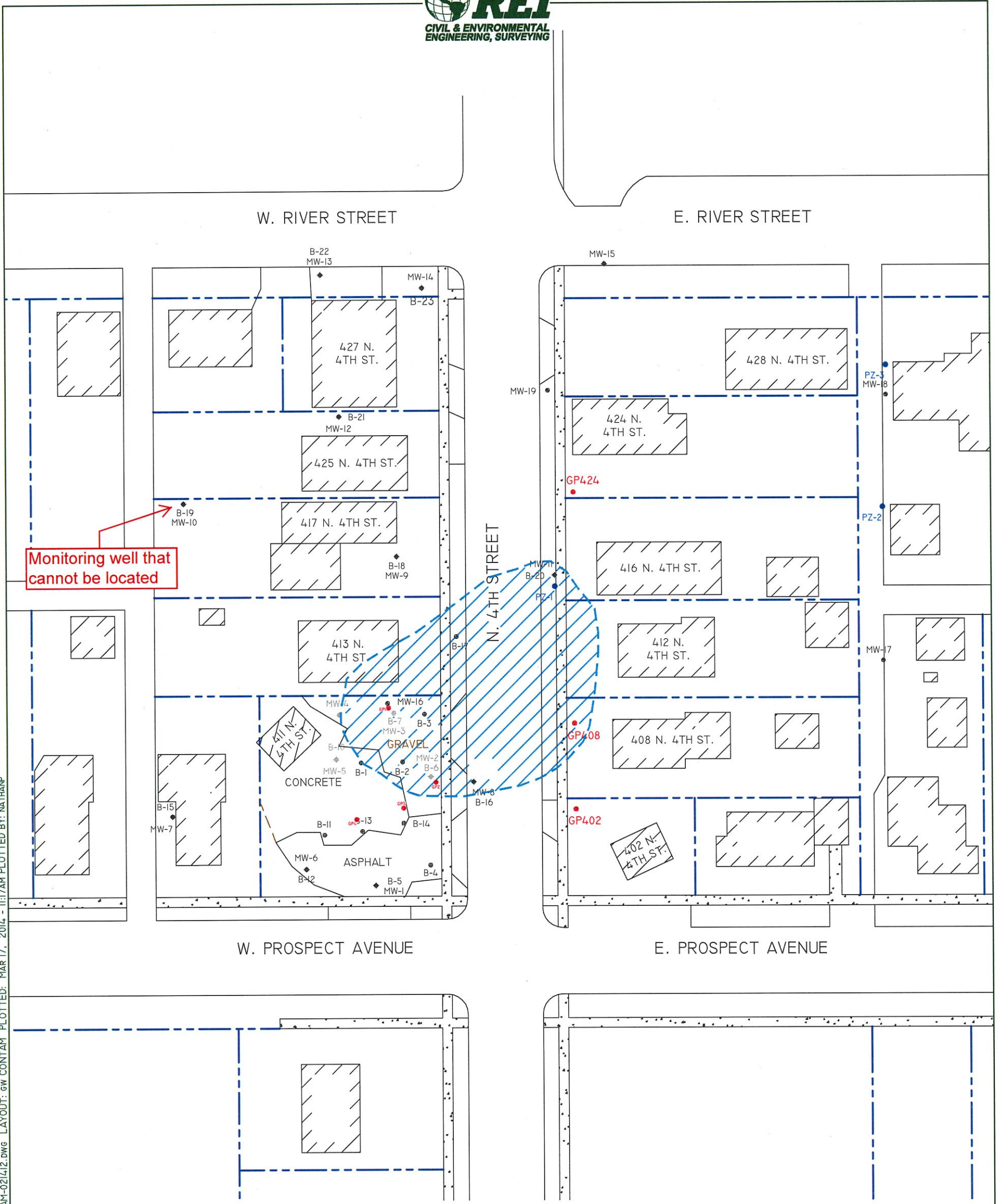


Christopher A. Saari
Northern Region Team Supervisor
Remediation and Redevelopment Program

Attachments:

- Figure 4, Estimated Extent of Groundwater Contamination (02/14/12), REI, July 9, 2012
- Figure 5A, Estimated Area of Residual Contaminated Soil/Tank Removal Soil Sample Locations, REI, March 26, 2014
- Figure 5B, Estimated Area of Residual Contaminated Soil, REI, March 17, 2014
- Continuing Obligations for Environmental Protection, DNR Publication RR-819

cc: Ken Lassa – REI
John Sager – DNR Superior



Monitoring well that cannot be located

DRAWING FILE: P:\5300-5399\5313-HAWK\DWG\5313-GW-CONTAM-02\412.DWG LAYOUT: GW CONTAM PLOTTED: MAR 17, 2014 - 11:17AM PLOTTED BY: NATHAN

NOTE:
BASE MAP DEVELOPED FROM A DRAWING
TITLED "SITE LAYOUT & MONITORING WELL
LOCATIONS" BY K. SINGH & ASSOCIATES, INC.,
DATED 10/4#1998 AND AERIAL IMAGERY FROM
LINCOLN COUNTY GIS.

LEGEND

0 50
SCALE: 1" = 50'

- ESTIMATED EXTENT OF GROUNDWATER CONTAMINATION
- ABANDONED MONITORING WELL
- SOIL BORING
- MONITORING WELL
- MONITORING WELL (BY OTHERS)
- PIEZOMETER

HAWK EXPRESS
411 NORTH 4th STREET
TOMAHAWK, WISCONSIN 54487

FIGURE 4 : ESTIMATED EXTENT OF GROUNDWATER CONTAMINATION (02/14/12)





PROJECT No. 5313Axuc	PREPARED BY: ARH	DATE: 7/9/12
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N. 4TH STREET

W. PROSPECT AVENUE

NOTE:
 BASE MAP DEVELOPED FROM A DRAWING TITLED "SITE LAYOUT &
 MONITORING WELL LOCATIONS" BY K. SINGH & ASSOCIATES, INC.,
 DATED 10/14/1998. ADDITIONAL SOIL BORINGS DEVELOPED FROM A
 DRAWING TITLED "SOIL SAMPLE LOCATION DIAGRAM" BY GEI
 CONSULTANTS, DATED JUNE 2011.

LEGEND	
	RESIDUAL CONTAMINATED SOIL (K. SINGH & ASSOCIATES, INC.)
	RESIDUAL CONTAMINATED SOIL (REI)
	FORMER UST
	FORMER EXCAVATION AREA

REI Engineering, INC.

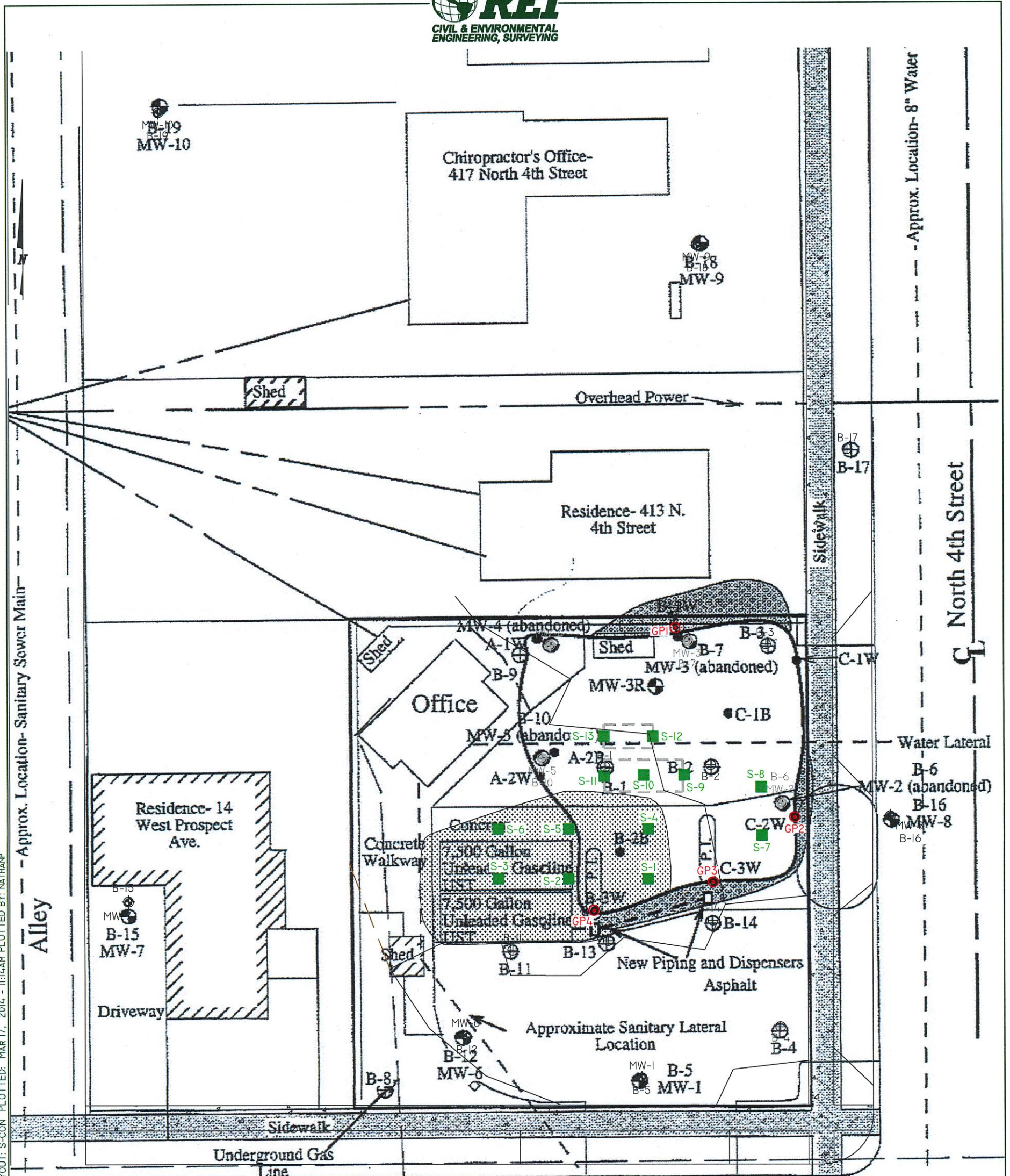
HAWK EXPRESS
 411 NORTH 4th STREET
 TOMAHAWK, WISCONSIN 54487

FIGURE 5B :ESTIMATED AREA OF RESIDUAL CONTAMINATED SOIL

PROJECT No.
 5313Axuc

PREPARED BY:
 NAP

DATE:
 03/17/14



DRAWING FILE: P:\5300-5399\5313-HAWK\DWG\5313-S-CONTAM.DWG LAYOUT: S-CON PLOTTED: MAR 17, 2014 - 11:44AM PLOTTED BY: NATHAN

West Prospect Avenue
(15" Sanitary Sewer Line Runs Beneath Center Line)
Midtown Auto Repair- South of Prospect Ave.

NOTE:
BASE MAP DEVELOPED FROM A DRAWING TITLED "SITE LAYOUT & MONITORING WELL LOCATIONS" BY K. SINGH & ASSOCIATES, INC., DATED 10/14/1998. ADDITIONAL SOIL BORINGS DEVELOPED FROM A DRAWING TITLED "SOIL SAMPLE LOCATION DIAGRAM" BY GEI CONSULTANTS, DATED JUNE 2011.

LEGEND

0 20
SCALE: 1" = 20'

	RESIDUAL CONTAMINATED SOIL (K. SINGH & ASSOCIATES, INC.)		ABANDONED MONITORING WELL
	RESIDUAL CONTAMINATED SOIL (REI)		SOIL BORING
			MONITORING WELL
			MONITORING WELL (BY OTHERS)
			PIEZOMETER
			GEOPROBE SOIL BORING
			PROPOSED MONITORING WELL
			PROPOSED PIEZOMETER
			SOIL BORING-GEI CONSULTANTS

REI Engineering, INC.

HAWK EXPRESS
411 NORTH 4th STREET
TOMAHAWK, WISCONSIN 54487

FIGURE 5A :ESTIMATED AREA OF RESIDUAL CONTAMINATED SOIL/ TANK REMOVAL SOIL SAMPLE LOCATIONS		
PROJECT No. 5313Axuc	PREPARED BY: TAW	DATE: 02/26/14



March 21, 2014

Mr. Aaron Schloemer
411 N 4th Street
Tomahawk, WI 54487

Subject: Conditional Closure Decision,
With Requirements to Achieve Final Closure
Clark Station/Hawk's Express
411 N 4th Street, Tomahawk, WI
DNR BRRTS Activity # 03-35-197014

Dear Mr. Schloemer:

On March 17, 2014, the Department of Natural Resources (Department) Northern Region Closure Committee reviewed your request for closure of the case described above. The Closure Committee reviews environmental remediation cases for compliance with state rules and statutes to maintain consistency in the closure of these cases. After careful review of the closure request, the Closure Committee has determined that the petroleum contamination on the site from the former underground storage tanks appears to have been investigated and remediated to the extent practicable under site conditions. Your case has been remediated to Department standards in accordance with ch. NR 726, Wis. Adm. Code and will be closed if the following conditions are satisfied.

CONDITIONS

Monitoring Well Abandonment

The monitoring wells at the site must be properly abandoned in accordance with ch. NR 141, Wis. Adm. Code. Documentation of well abandonment must be submitted to John Sager on Form 3300-005, found at <http://dnr.wi.gov/topic/groundwater/forms.html>.

Purge Water, Waste and Soil Pile Removal

Any remaining purge water, waste and/or soil piles generated as part of site investigation or remediation activities must be removed from the site and disposed of or treated in accordance with the applicable rules. Once that work is completed, please submit appropriate documentation regarding the treatment or disposal of the remaining purge water, waste and/or soil piles.

Documentation: When the above conditions have been satisfied, please submit the appropriate documentation (for example, well abandonment forms, disposal receipts, copies of correspondence, etc.) to verify that applicable conditions have been met, and your case will be closed. Your site will be listed on the DNR Remediation and Redevelopment Program's GIS Registry. Information that was submitted with your closure request application will be included on the Bureau for Remediation and Redevelopment Tracking System (BRRTS on the Web). The site may be viewed on the Remediation and Redevelopment Sites Map (RRSM), on the GIS Registry layer. To review the site on BRRTS on the Web, or to view the GIS Registry web page, see <http://dnr.wi.gov/topic/Brownfields/rrsm.html>.

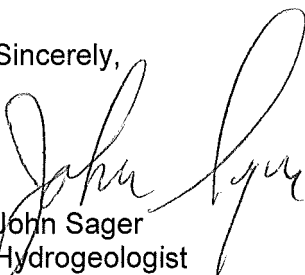
IN CLOSING

Please be aware that the case may be reopened pursuant to s. NR 727.13, Wis. Adm. Code, for any of the following situations:

- if additional information regarding site conditions indicates that contamination on or from the site poses a threat to public health, safety, or welfare or to the environment,
- if the property owner does not comply with the conditions of closure, with any deed restrictions applied to the property, or with a certificate of completion issued under s. 292.15, Wis. Stats, or
- a property owner fails to maintain or comply with a continuing obligation (imposed under this closure approval letter).

We appreciate your efforts to restore the environment at this site. If you have any questions regarding this letter, please contact me at (715) 365-8959, or by email at john.sager@wisconsin.gov.

Sincerely,



John Sager
Hydrogeologist
Remediation & Redevelopment Program

cc: Mr. Ken Lassa, REI, Inc.

DATE: February 19, 2014

TO: NOR Closure Committee

FROM: John Sager

SUBJECT: Former Clark Oil #1302 aka Hawk Express, 411 N. 4th St, Tomahawk

Consultant: REI

Recommendation: Final Closure Approval

Continuing Obligations (56):

<input checked="" type="checkbox"/> Approval	<input type="checkbox"/> Soil at Industrial Use (220)
<input type="checkbox"/> Denial	<input type="checkbox"/> Maintain Cap (222)
<input type="checkbox"/> Pause for Corrections	<input type="checkbox"/> Structural Impediment (224)
	<input type="checkbox"/> Vapor Intrusion (226) Option(s) _____
Yet to be Completed:	<input type="checkbox"/> Site Specific Condition (228)
<input type="checkbox"/> Enforcement	<input type="checkbox"/> Maintain LGU Exemption (230)
<input type="checkbox"/> Permits	<input type="checkbox"/> Maintenance/Inspection Report Required (238)
	<input checked="" type="checkbox"/> Residual Soil Exceeds Standards (232)
Closure Conditions (84):	<input checked="" type="checkbox"/> Residual GW Exceeds Standards (236)
<input checked="" type="checkbox"/> Monitoring Well Abandonment	<input type="checkbox"/> MW Needs Abandonment (234) Option _____
<input type="checkbox"/> Removal of Soil Piles/Purge Water	

Recommendation Summary:

This is the second time this site was brought to the closure committee. The first closure request was submitted to the Department in October 2008. The closure request was incomplete in 2008. The Department sent a letter to the new property owner in 2009 asking for additional investigation and monitoring. REI was hired to complete work at the site. REI submitted a new closure request and the site was reviewed by Brenda Halminak and she presented the site at the 9/21/12 closure committee meeting. Closure was denied in 2012 due to insufficient investigation of the direct contact risk and additional groundwater sampling. The closure denial letter specifically requested shallow soil samples from the vicinity of B-1W, C-2W, B3W and C-3W, deep groundwater monitoring points between MW-17 and MW-18 and two additional rounds of groundwater samples from PZ-1. A corrected notification letter was also needed to be sent to the owners of 413 N. 4th St.

Attached are the closure package from 2012, Brenda's Summary and Closure recommendation and the closure denial letter.

Additional SI:

REI submitted the results of additional work to the Department on August 20, 2013. REI sent the revised notification letter to the owners of 413 N. 4th St. on November 14, 2013.

REI installed soil borings GP-1 through GP-4 on May 14, 2013. Soil samples were collected from 2-4 feet from each boring. The soil samples were analyzed for PVOCs. PVOCs were not detected above the

direct contact RCLs.

Two new piezometers PZ-2 and PZ-3 were installed, PZ-2 was installed between MW-17 and MW-18 and PZ-3 was installed near MW-18.

Groundwater samples were collected from the new wells and PZ-1 on July 2, 2013 and on July 23, 2013. The two rounds of samples were collected in July because of 4th St. reconstruction. PZ-1 and MW-11 were abandoned prior to the road work.

Results of the groundwater sampling appear to show the extent of groundwater contamination is defined and concentrations are stable or declining.

Recommendation:

It appears the work that was conducted in 2013 addresses the concerns raised in the 2012 closure denial letter. I concur with the recommendation made by REI that the site be closed with listing on the GIS Registry for the remaining soil and groundwater contamination.

Current GW conditions

- GW flow direction: east northeast (toward the Wisconsin River).
- Municipal wells are located roughly 16 blocks south of the site.
- Depth to GW: roughly 10-11 feet on the subject property, roughly 14' one block to the east.
- Current extent of groundwater contamination: On-site; off-site on 4 properties and in the ROW of North 4th Street.
- Current contaminant trends: decreasing in MW-9, MW-11, and MW-16. Increasing or stable in PZ-1.

Soil Conditions

- Soil types: sand and silty sand. Depth to bedrock greater than 15' bgs.
- Based on confirmation soil samples collected during the excavation in 1999, residual soil contamination reportedly exists to the north, east, and south of the excavated area. Excavation could not proceed further in those directions due to the presence of the property line and a house to the north, the sidewalk and 4th Street to the east, and new piping and dispensers to the south. A site-specific cleanup goal for benzene of 2,500 ppb was established for the site.
- Significant concentrations of GRO and PVOCs were detected in sidewall samples B-1W (north), C-2W (east), and B-3W and C-3W (south) at 6' or 9' bgs.
- Only two samples were collected from the top 4' of soil at this site: B-2 from 3.5-5' (in an area that was subsequently excavated), and B-14 from 3.5-5' (south of C-3W). B-14 exhibited no detection of benzene.
- Significant contamination remains at depth in the area of the petroleum tanks removed in 2011, but this is likely saturated soil. Figure 5: Estimated Area of Residual Contaminated Soil/Tank Removal Soil Sample Locations, prepared by REI shows the approximate area of residual soil contamination based on soil sample results obtained during the 2011 tank removal.

Attached are copies of various reports, tables, and figures for your information.

Conclusions / Recommendation

I recommend that this site be denied closure due to a lack of near-surface (0-4') soil data, especially considering the significant levels of contaminants detected in some of the sidewall excavation soil samples. In particular, I recommend that soil samples be collected from 3-4' bgs near B-1W, C-2W, B-3W, and C-3W for analysis of PVOCs.

Additional groundwater sampling does not appear warranted for this site. Although PZ-1 is exhibiting increasing trends for ethylbenzene, xylenes, and TMBs, there are no private or municipal wells at risk from the residual groundwater contamination.

WDNR BRRTS CASE # 03 - 35 - 197014 WDNR SITE NAME: Clark Gas Station

WISCONSIN DEPARTMENT OF NATURAL RESOURCES
Bureau for Remediation and Redevelopment

This form is intended to provide instructions and a list of information that must be submitted for evaluation for case closure, each time a request is made. 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.].

In order to expedite the closure process, provide a complete and accurate closure package according to the following instructions, each time a closure decision is requested:

- Submit the Case Closure Request form and the required attachments as a stand-alone, **unbound** package. Include all information requested per section, as appropriate to the site, in the order shown. Include all attachments per section, as appropriate. Do not attach previously submitted reports. Correctly reference any reports in the case summary, as applicable.
- Include fees with this request at the time it is submitted to the department in order for the application to be considered complete.
- Specify your selected closure option.
- **Use forms 4400-245 and 4400-246 for Section H.** Include all **GIS Registry information** (in Section H) as a stand-alone document (*do not refer to materials in other attachments*). Include copies of all off-source property and ROW notifications.
- Place a (attached) or NA (not applicable) in the blank next to each attachment, in each section.
- Include a maintenance plan, if it is required for the implemented remedial action.
- **Maps for the GIS Registry may not be larger than 8.5 x 14 inches**, unless maps are submitted in electronic form in portable document format (pdf) readable by the Adobe Acrobat Reader. For electronic document submittal requirements, see <http://www.dnr.wi.gov/org/aw/rr/archives/pubs/RR690.pdf>.
- Prepare maps according to the applicable portions of ss. NR 716.15(2)(h)1 and 726.05(3)(a)4.d. Prepare visual aids, including maps, plans, drawings, cross sections, fence diagrams, tables and photographs according to s. NR 716.15(2)(h)1. – 4.
- **Use a bold font** on information of importance on tables, maps and figures. A **bold font (for ES exceedances)** and *italics (for PALs)* are preferred when differentiation is necessary. **Please do not use shading or highlights** on any of the analytical tables (per s. NR 726.05(3)) and maps as the shading obscures the information that is scanned for inclusion in the GIS Registry.
- Put multiple tables submitted for contaminated media data (eg. pre- and post-remedial data) in chronological order. Include the level of detection for results which are below the detection level (i.e. do not just list as no detect (ND)). Summaries of all data should include information collected by previous consultants. Do not submit lab data sheets unless these have not been submitted in a previous report. Tabulate all data required in s. NR 716.15(2)(g)3 in the format required in s. NR 716.15(2)(h)3.
- Document free product recovery estimates as required in s. NR 708.15, if applicable.

WDNR BRRTS CASE # 03-35-197D14 WDNR SITE NAME: Clark Gas Station

Section A: Case History and Closure Pathway Selected

ATTACHMENTS:

- A brief site summary including results of all investigative activities, interim and remedial actions taken, a description of any residual soil and/or groundwater contamination and their locations, a description of any other media affected, and a description of how actual and potential impacts to receptors have been addressed.
- Site location map on USGS topographic base map.
- Site map including buildings, utilities, property lines of source property and impacted non-source properties, ground cover and supply wells, including any municipal wells. *These maps may be combined.*
- Verification of the zoning for affected properties.

INFORMATION NEEDED:

1. Site Name Clark Gas Station #1302
 Street Address: 411 North 4th Street
 City/Zip Code: Tomahawk 54487
2. BRRTS #: 03-35-197D14
3. DNR FID #: 35-286-4-35016-342-0238 PECFA Claim#: 54487-1352-11
4. Responsible Party Name Mr. David L. Vernier
 Mailing Address: P.O. Box 250 City/Zip Code: Ishpeming, MI 49849
 Phone number: (907) 486-4670 Contact Person: Mr. David Vernier
5. Date of Incident/Discovery: July 28 1998 Contaminant Type(s): Soil and groundwater
6. Quantity Released: 4,305 tons soil
7. Land Use:
 Current : _____ Residential Commercial _____ Industrial _____ Other _____
 If other, specify: _____
 Planned Post Remediation : _____ Residential Commercial _____ Industrial _____ Other _____
 If other, specify: _____
8. Is a zoning change required? _____ Y N
 If so, has it been completed for post remedial land use? _____ Y N
9. 0.20166 Acres ready for use (The total area in acres of all adjacent tax parcels owned by the same entity on the site where the contamination originated, rounding fractions to nearest .5 acre and noting >100 acres for acreages above 100 acres. For multiple discharges that are cleaned up concurrently, count the acres once.)
10. Geographic Coordinates (meters/ WTM83/91) E 541140 N 555780
11. Method Used to Obtain Geographic Coordinates:
 _____ On-site using GPS equipment, converted or projected into WTM83/91 coordinates
 _____ Used county web map site to get coordinates
 Used RR Sites Map web site to get WTM83/91 coordinates
 _____ Other (specify): _____
12. *Groundwater Contamination Remaining (>ES):
 On Source Property Y _____ N
 Off Source Property Y _____ N
13. *Residual Soil Contamination > Generic or Site-Specific RCL:
 On Source Property Y _____ N
 Off Source Property Y _____ N
14. Contamination In Right of Way: _____ Y N
15. Closure Pathway Selected: check all that apply

CLOSURE via NR 726	
Soil	Groundwater
< s. NR 720.09/720.11 Generic RCLs	< s. NR 140.10 Table 1 & Table 2 Values
s. NR 720.19(2) Soil Performance Standards	s. NR 140.28(2) PAL Exemption
s. NR 720.19(4) Groundwater Pathway	<input checked="" type="checkbox"/> s. NR 726.05(2)(b), ≥ ES Natural Attenuation
<input checked="" type="checkbox"/> s. NR 720.19(5) Direct Contact	

WDNR BRRTS CASE # D3 - 35 - 197014

WDNR SITE NAME: Clark Gas Station

s. NR 720.19(6) Other Pathways

<u>CLOSURE via NR 746 and NR 726</u>	
<u>Petroleum Storage Tank Soil Options for Closure:</u>	
<input type="checkbox"/> s. NR 746.07 Requirements Met-Post Investigation	
<input type="checkbox"/> s. NR 746.08 Requirements Met-Post Remed.	
<u>Petroleum Storage Tank GW Options for Closure:</u>	
<u>Within Permeable Material:</u>	<u>Petroleum Storage Tank GW Options for Closure:</u>
<input type="checkbox"/> s. NR 746.07(3) ≥PAL <ES, Post Investigation	<input type="checkbox"/> s. NR 746.07(2), Post Investigation
<input type="checkbox"/> s. NR 746.07(4) >ES, Post Investigation	<input type="checkbox"/> s. NR 746.08(2), Post Remediation
<input type="checkbox"/> s. NR 746.08(3) ≥ PAL, <ES, Post Remediation	
<input type="checkbox"/> s. NR 746.08(4) >ES, Post Remediation	

Section B: Receptor Summary

ATTACHMENTS:

- Notification(s) regarding contamination in ROW
- Notification(s) to off-source property owners regarding sampling results

INFORMATION NEEDED:

1. Identify all pre-remedial actual receptors, the assessed risk and their locations (e.g., both on- and off-site utility corridors, basements or sumps of nearby buildings, direct contact threat from soil, water supplies, surface waters, sediments, vapors, etc.) For definitions, refer to s. NR 700.03 (47), Wis. Adm. Code.
① Drs. Kim + Buddy Chiropractic Office, 417 N. 4th St., ground water and soil direct contact
② Dr. Phyllis Dahl, 417 1/2 N 4th St., ground water + soil direct contact contamination,
③ ROW in N 4th St.
2. Have the remedial actions addressed the potential or actual impacts to these receptors?
 Y (Details in the case history summary (Section A)).
 N If no, please identify the nature of the remaining risk and the receptor at risk, if any:

Section C: Soil Investigation Information

ATTACHMENTS:

- Complete soil data summary table of field screening and laboratory analytical results, including all detects, regardless of ch. NR 720 standards, with dates, sample locations, depths and detection limits. Identify exceedances.
- Map(s) of all pre-remedial soil sampling locations: depicting all soil sample locations relative to site facilities. Note in bold font those sample locations that exceed ch. NR 720 RCLs (including free product location) and delineate the extent of contamination.
- Pre-remedial geologic cross-sections; including geology, source location(s), extent of soil and groundwater contamination, free product location/depth, soil sample locations, water table elevation, and bedrock elevation, if encountered.

INFORMATION NEEDED:

1. Extent Defined? Y N If not, explain why. _____
2. Soil Type(s): sandy sandy gravel fill
3. Depth of Contamination: Top: 4 feet Bottom: max 14 feet

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4. Type of Bedrock: gneiss Depth to Bedrock: _____
5. Is Any Contaminated Soil (Unsaturated or Saturated) in Contact With the Bedrock? Y X N
6. Measurable Free Product? X Y N Depth/Location: 10 inches MW-3, MW-2, MW-4
pump island area

Section D: Soil Remediation Information

ATTACHMENTS:

- X Map showing remediated area (for example, excavation limits or area influenced by SVE) and locations of post-remediation soil samples (if any). This map should show the locations and extent of residual soil contamination exceeding ch. NR 720 RCLs. These samples should be noted in bold font. A copy of the map(s) from Section H(form 4400-245) may be used.
- X Soil disposal documentation
- X NR 720.19 analysis, assumptions and calculations for site specific RCLs (SSRCLs), with justification Calculations and results of EPA Soil Screening Level Model.
- _____ Post-remedial cross-section(s) with post remedial soil sampling results, if soil removal or treatment has occurred. Identify sample results and depths. A copy of the cross-section(s) from Section H(form 4400-245) may be used or you may refer to the cross-section(s) in Section E, as appropriate.
- _____ see Section E

INFORMATION NEEDED:

1. Remedial Action Completed? X Y N
2. Were immediate or interim actions conducted? X Y N If yes, what action was taken?
Interim remedial action report
3. Brief description of remedial action taken:
excavation - source removal
4. Were soils excavated? X Y N
Quantity: 1,082.91 tons Disposal Method: bio-remediation
5. Final Confirmation Sample Collection Methods:
Grab sampling
6. Final Soil/Drill Cuttings Disposal Location:
Lincoln County RFD, Merrill, WI
7. Estimated volume and depth of in situ soils exceeding ch. NR 720 Table RCLs or Site Specific RCLs:
8-14 feet, 17,000 ft³; 440 tons
8. Estimated volume and depth of in situ soils exceeding ch. NR 746 Table 1 or Table 2 or Site Specific RCLs (underground petroleum tank systems, as defined in ch. NR 746 only):
9. s. NR 720.19 Analysis? X Y N
X Performance Standard -NR 720.19(2)
_____ SSRCL - NR 720.19(3) and (4),(5) or (6)
10. If the remedy includes a Soil Performance Standard, what type? _____ not applicable
X Cap _____ Soil _____ Building X Natural Attenuation of Groundwater _____ Other
Specify other: _____
11. Will the maintenance of the SPS be consistent with the planned post remediation land use?
X Y N If No, please explain: _____
12. Is the EPA Soil Screening Level Model used as justification for closure of sites with residual contaminated soils?
X Y N Are the input numbers used: _____ Site Specific, or X WI Defaults?

Section E: Groundwater Information

ATTACHMENTS:

- X Table identifying all contaminants, summarizing all pre- and post-remediation groundwater analytical results, with sample collection dates (prepared in accordance with guidance document RR-628)
- X Groundwater sample location map showing the site facilities and all monitoring wells, sumps, extraction wells, and potable and non-potable wells.

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- Isoconcentration map(s) when included as part of the site investigation or map(s) of the horizontal extent of contamination based on most recent data. A copy of the map(s) from Section H (from 4400-245) may be used.
- A map showing groundwater flow direction(s) and summarizing the maximum variation in flow direction. Multiple maps may be used. A copy of the map(s) from Section H (form 4400-245) may be used.
- A table summarizing all groundwater elevations, with dates, and top and bottom elevations of well screens. (Wells are to be referenced to national geodetic survey datum, as per NR 141.065(2)).
- Graphs and statistical analyses which demonstrate the dynamics of the groundwater plume, for sites requesting closure using natural attenuation that meet the criteria s. NR 726.05(2)(b) or of s. NR 746 (permeable soils). Refer to WDNR publication RR-614 for guidance.
- Geologic cross-sections showing extent of residual soil and/or groundwater contamination, as applicable. A copy of the cross-section(s) from Section H, (form 4400-245) may be used.

INFORMATION NEEDED:

1. Extent of Contamination Defined? Y N N/A
2. Remedial Action Completed? Y N N/A
 Brief Description of Remedial Action Taken: pump excavation of 12,000 gallons
3. Depth(s) to Groundwater 4 to 10 feet Flow Direction(s): North west
4. Field Analyses? Y N
 Lab Analyses? Y N
5. 14 # of Sample Rounds
10 # of Sampling Points
0 # NR 141 Monitoring Wells Sampled
0 # Temporary GW Sampling Points Sampled
0 # Recovery Sumps Sampled
0 # Municipal Wells Sampled
0 # Private Wells Sampled
6. Was DNR notified of substances in groundwater without standards? Y N N/A
 If yes, how many? _____ What substances? _____
7. Preventive Action Limit currently exceeded? Y N If yes, identify location(s) B
MW-11, MW-9
8. Enforcement Standard currently exceeded? Y N If yes, identify location(s) 1a1
MW-9
9. Measurable free product detected? Y N Pre-remediation
 Y N Post-remediation
10. Was free product remediated? Y N
 Method: free product recovery program
- Purge water or free product-groundwater mixture disposal method?
purged water
11. Potable wells within 1200 feet of site? Y N
 Have they been sampled? Y N
 Type (i.e. municipal, private, etc.)? -
- [NOTE: Include wells on groundwater well location map]
12. Has DNR been provided with all results of private well sampling? Y N
13. Have well owners/occupants been notified of results? (Sec. B Attachments) Y N
 (Results also need to be sent to the DNR Water Supply Specialist)
14. Are there any monitoring wells that have not been located for abandonment? Y N
15. Identify the property address(es) where the missing well is located: _____

Section F. Other Contaminated Media Information:

WDNR BRRTS CASE # 03-35-197014

WDNR SITE NAME: Clark Gas Station

ATTACHMENTS:

Table of analytical results for all contaminants for media other than soil or groundwater

INFORMATION NEEDED:

1. Have other media been impacted (either on-site or off-site e.g. sediment, utilities, air)? Y N
Briefly describe type and extent of all contamination found in media other than soil or groundwater:

2. Remedial action completed? Y N N/A

Brief description of remedial action taken:

3. # of Post Remedial Sample Rounds: _____

of Sampling Points: _____

Field Analyses? Y N

Lab Analyses? Y N

Section G. Associated Site Closure Information:

ATTACHMENTS:

Construction documentation or as-built report for any constructed remedial action or portion of, or interim action specified in s. NR 724.02(1), in accordance with s. NR 724.15.

Maps and photos documenting the cap area, and/or integrity of the cap, with date.

Description of any soil performance standard cover system used, including a description of how it meets the requirement to be protective until residual contaminant concentrations no longer pose a threat to public health, safety, welfare or the environment, per s. NR 720.19(2), s. NR 722.09(2) and (3).

Maintenance plan associated with 292.12 land use control or for performance standard remedy. (per ss. NR 720.19(2) and 724.13(2))

INFORMATION NEEDED:

1. Enforcement actions closed out? Y N N/A

2. Permits closed out? Y N N/A

3. Describe how the following pathways are protected:

a) Direct Contact Pathway: maintenance cap

b) Groundwater: natural attenuation

c) Other: _____

Section H. Required GIS Registry Information: Use form 4400-245, GIS Registry Checklist, and form 4400-246, Impacted Off-Source Property Information. Submit these forms and their attachments with this closure request form.

WDNR BRRTS CASE # 03-35-197014 WDNR SITE NAME: Clark Gas Station

I certify that, to the best of my knowledge, the information presented on and attached to this form is true and accurate. This recommendation for case closure is based upon all available data as of _____ (date). I have read the Case Closure Request Form instructions and all required information has been included.

Form Completed By: Kristina Betzold
(Signature) _____ (Date)

- \$750.00 Closure Review Fee Attached
- \$250.00 GIS Registry Maintenance Fee Attached (GW and/or monitoring well to be abandoned)
- \$200.00 GIS Registry Maintenance Fee Attached (Soil)

Printed Name: Kristina Betzold

Company Name: K. Singh + Associates, Inc.

Email address: kbetzold@ksaconsultants.com

If not site owner, relationship to site owner: consultant

Address: 1135 Legion Drive City/Zip Code 53122

Telephone Number: (262) 821-1171 FAX Number: (262) 821-1174

Source Property Owner's Name (if different from person conducting the cleanup): _____

Mr. David L. Vernier

Address: P.O. Box 250 City/Zip Code Ishpeming, MI 49849

Telephone Number: (906) 486-4670 Email Address: _____

Environmental Consultant (if different than above): _____

Address: _____ City/Zip Code _____

Email Address: _____

Telephone Number: () _____ FAX Number: () _____

CASE HISTORY AND CLOSURE PATHWAY

PROJECT BACKGROUND

Petroleum contamination was discovered at the Clark Gas Station located at 411 North 4th Street in Tomahawk on July 28, 1998, from a sample taken beneath the western pump island. The WDNR was notified and Faggas, Inc. retained the services of K. Singh & Associates, Inc. to conduct a remedial investigation consistent with the requirements of the WDNR and DCOMM. The site contains two 7,500-gallon underground storage tanks in operation of which the age is not known.

In October and November of 1998, twenty soil borings (B-1 through B-23) ranging in depth from 10 to 17 feet below the surface were installed to delineate the horizontal and vertical extent of soil contamination. Soil testing was conducted by means of hollow-stem auger drilling and split-spoon sampling. On-site analysis for volatile organic compounds by means of a PID meter was performed and petroleum-contaminated samples were submitted to Great Lakes Analytical Laboratory for analysis. Ten of the borings were converted into monitoring wells MW-1 through MW-14. The wells were then sampled and all samples were submitted to Great Lakes Analytical Laboratory.

Initial laboratory results indicated concentrations of benzene in soil samples ranging from less than 25 ppb to 22,000 ppb and concentrations of gasoline range organics (GRO) from less than 10 ppm to 8,200 ppm. The initial volume of soil contamination was estimated to be 4,305 tons exceeding levels of NR 720 standards. The mass of benzene and GRO within the affected soil was estimated at 44 pounds of benzene, and 20,111 pounds of GRO.

Initial groundwater analysis contained benzene levels above the ES of 5 ppb in six monitoring wells, MW-2, MW-3, MW-4, MW-5, MW-9, and MW-11. These wells also had concentration levels above ES of toluene, xylenes and ethylbenzene. The ES of 60 ppb for MBTE was exceeded in two wells, MW-3 and MW-9, and naphthalene ES levels were exceeded in wells MW-2, MW-3, MW-4 and MW-5. Ten inches of petroleum free product was noted in monitoring well MW-3.

SOIL REMEDIATION

Contamination of soil was estimated to extend from the surface to 15.0 feet below grade within the UST bed, although soil and groundwater contamination was noted throughout the UST system area. Groundwater contamination had migrated off-site onto three properties north of the site and a more limited area of soil contamination had migrated off-site to the north. Recommended remedial action for the site was proposed as source removal through excavation of the area of highly contaminated soil having benzene concentration in excess of 2,500 ppb and GRO/DRO in excess of 100 ppm, and groundwater monitoring.

From June 28, 1999 to June 30, 1999, 1,083 tons of highly contaminated soil was excavated from the area around the pump islands. The excavated soil was transported to Lincoln County RFD in Merrill, WI, for bio-remediation treatment. The area excavated had a maximum depth of 14 feet below grade. It was surmised that the petroleum product piping beneath the dispenser islands was responsible for a high percentage of the contamination. During excavation, ten samples were taken from the walls and bottom of the excavation area, seven of which were in compliance with the default cleanup goal for benzene of 2,500 ppb. Three samples had benzene concentrations ranging from 8,250 ppb to 37,400 ppb.

It is estimated that 440 tons of residual contaminated soil remains onsite and immediately off-site to the north and east of the site at depths of 6 to 14 feet, and a maximum area of 7,000 ft³. Concrete and asphalt pavements have been emplaced across the entire surface, minimizing the potential of contaminants leaching into groundwater through surface water infiltration. It is proposed that residual soil contamination will be remediated through natural attenuation.

GROUNDWATER REMEDIATION

Groundwater was encountered at a depth of approximately 11 feet below grade and 12,000 gallons of contaminated water was pumped during from the site from June 30, 1999 to July 1, 1999 and disposed of at the City of Wausau Wastewater Treatment Facility. Decreasing contaminants in groundwater concentrations have occurred following completion of soil remediation activities and pumping of contaminated water.

Monitoring well MW-3 contained 10 inches of free product documented in the remedial investigation report. This well was treated pre-remediation by a free product recovery program that consisted of periodically bailing the well and storing bailed free product in a 55-gallon drum at the site. MW-3 was damaged beyond repair during soil remediation and abandoned in accordance with NR 141.25. Free product is currently no longer detected in any well on the site or in the area that groundwater contamination has migrated to.

Fourteen rounds of groundwater sampling have been conducted from October 7, 1998 to April 29, 2004. The most current sampling showed wells MW-9 and MW-11 remained to have contamination above ES standards for benzene, and MW-11 had contaminant levels above ES standards for ethylbenzene, toluene, xylenes, TMB, and naphthalene. Due to decreasing levels of contaminants above ES standards, proposed remediation through natural attenuation is proposed.

SITE EVALUATION

Five environmental factors set forth in the NR 726 Wisconsin Administrative Code are assessed as follows:

Expansion of Plume Margin-Since contaminated soil excavation, emplacement of the maintenance cap and continued monitoring of wells, the plume of groundwater contamination has not migrated further onto adjoining properties. Evidenced by decreasing levels of contaminants in monitoring wells, the groundwater plume margins will continue to decrease through natural attenuation over time.

Impacts to Private and Municipal Wells-The source property receives water supply from the City of Tomahawk municipal water supply and contains no potable wells. The properties affected by migration of contaminated groundwater are also served by municipal water supply, and thus the plume of groundwater contamination does not affect the water supply to these private localities. The City of Tomahawk public waterworks verified on July 20, 2008, that the municipal wells of the city are not within 1,200 feet of the project site. These wells lie approximately 1 mile to the north, near the Wisconsin River.

Soil Contamination near Bedrock-The bedrock below the City of Tomahawk is made up of a combination of metamorphic rocks including gneiss, diorite and amphibolite. Bedrock was not encountered during the installation of soil borings, well construction or soil excavation. Soil and groundwater contamination, which is only approximately 15 feet at maximum depths, does not affect bedrock

Free Product-Free product of petroleum contaminants was found in well MW-3 during the investigation of the site. This well was located below the pump islands in the area of highest contamination. The well was treated pre-remediation by a free product recovery program that consisted of periodically bailing the well and storing bailed free product in a 55-gallon drum at the site. The well was excavated and abandoned during the remedial action. No wells have contained free product during the subsequent fourteen rounds of groundwater sampling from October 7, 1998 to April 29, 2004.

Surface Water-The extent of the plume of benzene in groundwater exceeding NR 720 standards has migrated off-site to the north approximately 65 feet. The groundwater plume of benzene above ES standards has a maximum extent of 160 feet to the northeast. The nearest surface water bodies to the site location are Lake Mohawksin, at a distance of 0.96 miles (5,070 feet) to the northwest, and the Wisconsin River, at a distance of 1.63 miles (8,580 feet). Natural attenuation of contamination and regulated inspection and repair to the maintenance cap should prevent the groundwater plume from migrating further than the present extent. Therefore, the distance of the mentioned water bodies from the site puts them at no risk for contamination.

GIS REGISTRY DOCUMENTATION

The GIS registry packet is being submitted for approval with this closure request as Attachment H. The contamination from the Clark Gas Station has migrated to one commercial property and one residential property directly north of the site property. Letters of notification have been sent to these property owners. Contamination from the site property has also migrated into the city right-of-way jurisdiction of North 4th Street

in Tomahawk. The City of Tomahawk Public Water Supply has been notified of this. No deed restrictions or zoning changes have been required for the site or the off-site contaminated properties.

A proposal for registration on the WDNR GIS registry with soil and groundwater restrictions is being submitted. A copy of the most recent deed and verification from the owner certifying that the legal description is correct is also included. Letters of notification to off site property owners have been included as well as copies of deeds for these properties. The letter of notification regarding plume migration into the public right-of-way is also included.

JUSTIFICATION FOR SITE CLOSURE

Groundwater contamination remaining at the Clark Gas Station, 411 North 4th Street, Tomahawk, WI is isolated around the monitoring wells MW-9 and MW-11. The contamination from these wells is documented to be decreasing with time and the remediation action for site closure proposed is natural attenuation. Soil contamination remains along the north and east wall of the area excavated, although this contamination is below the default cleanup goal for benzene of 2,500 ppb. The contaminated soil is covered by a concrete and asphalt maintenance cap, which, with bi-annual inspection and necessary repair, will prevent direct contact and infiltration of surface water.

**TABLE 1B
DEPTH TO WATER AND WATER LEVEL ELEVATIONS
HAWK EXPRESS (FORMER CLARK OIL #1302)
411 N. 4TH STREET
TOMHAWK, WI**

Depth to Water Measure from Top of Well Casing (ft).

Date	MW1	MW6	MW7	MW9	MW10	MW11	MW12	MW13	MW14	MW15	MW16	MW17	MW18	MW19	PZ1	PZ2	PZ3
6/24/2010	9.31	9.77	11.73	11.44	12.32	10.58	12.26	11.64	11.12	10.81	10.57	12.86	13.97	10.87	12.28	X	X
6/9/2011	8.72	9.11	11.01	10.89?	11.38	9.9	11.44	10.77	9.89	10.14	9.95	12.06	13.02	10.19	12.45	X	X
9/29/2011	-	9.75	-	10.47	-	10.1	11.41	-	-	-	10.32	12.96	13.91	10.31	12.33	X	X
2/14/2012	-	10.18	-	10.53	-	10.26	11.46	-	-	-	10.67	13.38	14.25	10.41	12.58	X	X
7/2/2013	8.65	9.08	10.98	10.38	-	9.48	11.2	10.46	9.72	9.91	9.68	11.61	12.47	9.99	11.54	13.62	12.83
7/23/2013	8.85	9.27	11.23	10.85	-	-	11.68	10.93	10.08	10.12	10.04	12.21	13.20	10.33	12.06	14.37	13.47

Ground Surface Elevations

											1449.36	1451.07	1451.48	1449.06	1448.93	1451.51	1451.53
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Top of Casing Elevations

	1447.74	1448.23	1450.2	1449.59	1450.52	1448.53	1450.58	1449.42	1448.95		1448.93	1450.52	1451.13	1448.62	1448.54	1450.97	1451.18
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Depth To Water (feet) below Ground Surface

Average	8.89	9.58	11.24	10.71	11.85	10.06	11.55	10.96	10.24	10.25	10.24	12.57	13.52	10.35	12.24	13.62	12.83
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Depth of Groundwater

6/24/2010	1438.43	1438.46	1438.47	1438.15	1438.2	1437.95	1438.32	1437.78	1437.83	NA	1438.36	1437.66	1437.16	1437.75	1436.26	NA	NA
6/9/2011	1439.02	1439.12	1439.19	1438.70	1439.14	1438.63	1439.14	1438.65	1439.06	NA	1438.98	1438.46	1438.11	1438.43	1436.09	NA	NA
9/29/2011	NA	1438.48	NA	1439.12	NA	1438.43	1439.17	NA	NA	NA	1438.61	1437.56	1437.22	1438.31	1436.21	NA	NA
2/14/2012	NA	1438.05	NA	1439.06	NA	1438.27	1439.12	NA	NA	NA	1438.26	1437.14	1436.88	1438.21	1435.96	NA	NA
7/2/2013	1439.09	1439.15	1439.22	1439.21	NA	1439.05	1439.38	1438.96	1439.23	NA	1439.25	1438.91	1438.66	1438.63	1437	1437.35	1438.35
7/23/2012	1438.89	1438.96	1438.97	1438.74	NA	NA	1438.9	1438.49	1438.87	NA	1438.89	1438.31	1437.93	1438.29	1436.48	1436.6	1437.71

TABLE 1e
SUMMARY OF SOIL BORING SOIL SAMPLE ANALYTICAL RESULTS
HAWK EXPRESS (FORMER CLARK OIL #1302)
411 N. 4TH STREET
TOMHAWK, WI

	Sample Location			GP1	GP2	GP3	GP4
	Sample Depth			2-4'	2-4'	2-4'	2-4'
	Sample Date			5/14/13	5/14/13	5/14/13	5/14/13
PARAMETER	RCL	Table 1	Table 2				
Petroleum VOC's (ug/kg)							
Benzene	5.5	8,500	1,100	<25	<25	<25	42.0J
Ethylbenzene	2,900	4,600	NS	<25	<25	<25	43.6J
Toluene	1,500	38,000	NS	<25	<25	<25	53.4J
Xylenes (Total)	4,100	42,000	NS	<50	<50	<50	273.6J
Methyl tert Butyl Ether	NS	NS	NS	<25	<25	<25	<25.0
1,2,4-Trimethylbenzene	NS	83,000	NS	<25	<25	<25	57.6J
1,3,5-Trimethylbenzene	NS	11,000	NS	<25	<25	<25	<25.0

Notes:

RCL - NR 720 Soil Residual Contaminant Level

Table 1 - SPS 346 Table 1 Value - Indicates Petroleum Product in Soil Pores

Table 2 - Direct Contact Standard

< - Concentration below listed laboratory detection limit

RCL exceedences are shaded

J=Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit

Bold - Exceeds RCL

Outline = Exceeds Table 1

Italic - Exceeds Table 2

TABLE 3o
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
HAWK EXPRESS (FORMER CLARK OIL #1302)
411 N. 4TH STREET
TOMHAWK, WI

PARAMETER	ES	PAL	PZ1					
			6/24/10	6/9/11	9/29/11	2/14/12	7/2/13	7/23/13
Sample Date								
Detected VOC's (ug/L)								
Benzene	5	0.5	96.8	312	265	81	11.9	8.3
Ethylbenzene	700	140	2.08	3.5	29.1	9.0	17.9	15.9
Toluene	800	160	0.868	7.1	17.9	6.3	<1.4	<0.86
Xylenes (Total)	2,000	400	11.36	358	1,413	420	<2.8	6.1 ^J
Trimethylbenzenes (Total)	480	96	2.82	346	2,284	790	164	289.8
Methyl Tert Butyl Ether	60	12	4.09	2.7	<3.8	<0.23	<1.5	<0.93
Naphthalene	100	10	<0.8	144	308	140	<i>11.1</i>	<i>21.7</i>

Notes

PAL = NR 140 Preventive Action Limit

ES = NR 140 Enforcement Standards

NR 140 Enforcement Standard Exceeded

BOLD

NR 140 Preventative Action Limit Exceeded

Italic

NA - Not Analyzed

< - Concentration less than listed detection limit

* = Analytical results between the Limit of Detection and the Limit of Quantitation, should be considered an estimate.

^J = Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

TABLE 3p
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
HAWK EXPRESS (FORMER CLARK OIL #1302)
411 N. 4TH STREET
TOMHAWK, WI

PARAMETER	ES	PAL	PZ2	
			7/2/13	7/23/13
Sample Date			7/2/13	7/23/13
Detected VOC's (ug/L)				
Benzene	5	0.5	<i>1.7</i>	<i>2.0</i>
Ethylbenzene	700	140	<0.34	<0.34
Toluene	800	160	<0.34	<0.34
Xylenes (Total)	2,000	400	<0.71	<0.71
Trimethylbenzenes (Total)	480	96	<0.36	<0.36
Methyl Tert Butyl Ether	60	12	1.3	1.5
Naphthalene	100	10	<0.37	<0.37

Notes

PAL = NR 140 Preventive Action Limit

ES = NR 140 Enforcement Standards

NR 140 Enforcement Standard **BOLD**

NR 140 Preventative Action *Italic*

NA - Not Analyzed

< - Concentration less than listed detection limit

* = Analytical results between the Limit of Detection and the Limit of Quantitation, should be considered an estimate.

^J = Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

TABLE 3q
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
HAWK EXPRESS (FORMER CLARK OIL #1302)
411 N. 4TH STREET
TOMHAWK, WI

PARAMETER	ES	PAL	PZ3	
			7/2/13	7/23/13
Sample Date			7/2/13	7/23/13
Detected VOC's (ug/L)				
Benzene	5	0.5	2.4	3.2
Ethylbenzene	700	140	<0.34	<0.34
Toluene	800	160	<0.34	<0.34
Xylenes (Total)	2,000	400	<0.71	<0.71
Trimethylbenzenes (Total)	480	96	<0.36	<0.36
Methyl Tert Butyl Ether	60	12	0.63J	0.73 ^J
Naphthalene	100	10	0.67J	0.58 ^J

Notes

PAL = NR 140 Preventive Action Limit

ES = NR 140 Enforcement Standards

NR 140 Enforcement Standard **BOLD**

NR 140 Preventative Action *Italic*

NA - Not Analyzed

< - Concentration less than listed detection limit

* = Analytical results between the Limit of Detection and the Limit of Quantitation, should be considered an estimate.

^J = Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

State of Wisconsin
 Department of Natural Resources
 Remediation and Redevelopment Program

Mann-Kendall Statistical Test
 Form 4400-215 (2/2001)

Notice: This form is the DNR supplied spreadsheet referenced in Appendices A of Comm 46 and NR 746, Wis. Adm. Code. It is provided to consultants as an optional tool for groundwater contaminant trend analysis to support site closure requests under s. Comm 46.07, Comm 46.08, NR 746.07, NR 746.08, Wis. Adm. Code. Use this form or a manual method when seeking case closure under those rules. Earlier versions of this form should not be used.

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Site Name = Hawk Express BRRTS No. = 03-35-197014 Well Number = MW9

Event Number	Compound -> Sampling Date (most recent last)	Benzene Concentration (leave blank if no data)	Toluene Concentration (leave blank if no data)	Ethylbenzene Concentration (leave blank if no data)	Total Xylenes Concentration (leave blank if no data)	Total TMB Concentration (leave blank if no data)	Naphthalene Concentration (leave blank if no data)
1	24-Jun-10	34.90	4.63	37.50	109.00	125.00	12.10
2	9-Jun-11	1.50	0.45	2.40	3.90	5.60	3.40
3	29-Sep-11	0.12	0.12	0.11	0.18	0.22	0.20
4	14-Feb-12	0.12	0.12	0.11	0.18	0.22	1.20
5							
6							
7							
8							
9							
10							

Mann Kendall Statistic (S) =	-5.0	-5.0	-5.0	-5.0	-5.0	-4.0
Number of Rounds (n) =	4	4	4	4	4	4
Average =	9.16	1.33	10.03	28.32	32.76	4.23
Standard Deviation =	17.172	2.205	18.345	53.819	61.546	5.417
Coefficient of Variation (CV) =	1.875	1.658	1.829	1.901	1.879	1.282

Error Check, Blank if No Errors Detected

Trend ≥ 80% Confidence Level	DECREASING	DECREASING	DECREASING	DECREASING	DECREASING	DECREASING
Trend ≥ 90% Confidence Level	No Trend	No Trend	No Trend	No Trend	No Trend	No Trend

Stability Test, If No Trend Exists at 80% Confidence Level	NA	NA	NA	NA	NA	NA
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Data Entry By = Date = 6-Mar-12 Checked By =

Hawk Express
 411 N. 4th Street, Tomahawk, WI

Table 3a Mann-Kendall Statistical Analysis for MW9
 REI Project Number 5313

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**State of Wisconsin
Department of Natural Resources
Remediation and Redevelopment Program**

**Mann-Kendall Statistical Test
Form 4400-215 (2/2001)**

Notice: This form is the DNR supplied spreadsheet referenced in Appendices A of Comm 46 and NR 746, Wis. Adm. Code. It is provided to consultants as an optional tool for groundwater contaminant trend analysis to support site closure requests under s. Comm 46.07, Comm 46.08, NR 746.07, NR 746.08, Wis. Adm. Code. Use this form or a manual method when seeking case closure under those rules. Earlier versions of this form should not be used.

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Site Name = Hawk Express BRRTS No. = 03-35-197014 Well Number = MW11

Event Number	Compound -> Sampling Date (most recent last)	Benzene Concentration (leave blank if no data)	Toluene Concentration (leave blank if no data)	Ethylbenzene Concentration (leave blank if no data)	Total Xylenes Concentration (leave blank if no data)	Total TMB Concentration (leave blank if no data)	Naphthalene Concentration (leave blank if no data)
1	24-Jun-10	56.40	32.60	247.00	2,857.00	1,487.00	230.00
2	9-Jun-11	74.80	9.10	74.70	438.00	443.00	74.30
3	29-Sep-11	4.40	7.20	77.00	874.00	1,092.00	84.00
4	14-Feb-12	0.12	0.43	16.00	120.00	36.00	13.00
5							
6							
7							
8							
9							
10							

Mann Kendall Statistic (S) =	-4.0	-6.0	-4.0	-4.0	-4.0	-4.0	-4.0
Number of Rounds (n) =	4	4	4	4	4	4	4
Average =	33.93	12.33	103.68	1072.25	764.50	100.33	
Standard Deviation =	37.374	14.015	99.633	1229.321	648.932	91.987	
Coefficient of Variation (CV) =	1.101	1.136	0.961	1.146	0.849	0.917	

Error Check, Blank if No Errors Detected

Trend: ≥ 80% Confidence Level	DECREASING	DECREASING	DECREASING	DECREASING	DECREASING	DECREASING	DECREASING
Trend: ≥ 90% Confidence Level	No Trend	DECREASING	No Trend	No Trend	No Trend	No Trend	No Trend
Stability Test, If No Trend Exists at 80% Confidence Level	NA	NA	NA	NA	NA	NA	NA

Data Entry By = Date = 6-Mar-12 Checked By =

Hawk Express
411 N. 4th Street, Tomahawk, WI

Table 3b
REI Project Number 5313

Mann-Kendall Statistical Analysis for MW11

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State of Wisconsin
 Department of Natural Resources
 Remediation and Redevelopment Program

Mann-Kendall Statistical Test
 Form 4400-215 (2/2001)

Notice: This form is the DNR supplied spreadsheet referenced in Appendices A of Comm 46 and NR 746, Wis. Adm. Code. It is provided to consultants as an optional tool for groundwater contaminant trend analysis to support site closure requests under s. Comm 46.07, Comm 46.08, NR 746.07, NR 746.08, Wis. Adm. Code. Use this form or a manual method when seeking case closure under those rules. Earlier versions of this form should not be used.

Instructions: Do not change formulas or other information in cells with a blue background, only cells with a yellow background are used for data entry. To use the spreadsheet, provide at least four rounds and not more than ten rounds of data that is not seasonally affected. Use consistent units. The spreadsheet contains several error checks, and a data entry error may cause "DATA ERR" or "DATE ERR" to be displayed. Dates that are not consecutive will show an error message and will not display the test results. The spreadsheet tests the data for both increasing and decreasing trends at both 80 percent and 90 percent confidence levels. If a declining trend is present at 80 percent but not at 90 percent, a site is still eligible for closure under Comm 46 and NR 746 provided that other conditions in those rules are met. If an increasing or decreasing trend is not present, an additional coefficient of variation test is used to test for stability, as proposed by Wiedemeier et al, 1999. For additional information, refer to the Interim Guidance on Natural Attenuation for Petroleum Releases, dated October 1999. Refer to the guidance for recommendations on data entry for non-detect values.

Site Name = Hawk Express BRRTS No. = 03-35-197014 Well Number = MW16

Event Number	Compound -> Sampling Date (most recent last)	Benzene Concentration (leave blank if no data)	Toluene Concentration (leave blank if no data)	Ethylbenzene Concentration (leave blank if no data)	Total Xylenes Concentration (leave blank if no data)	Total TMB Concentration (leave blank if no data)	Naphthalene Concentration (leave blank if no data)
1	24-Jun-10	57.90	180.00	297.00	7,040.00	3,970.00	276.00
2	9-Jun-11	36.10	88.30	135.00	994.00	650.00	88.30
3	29-Sep-11	21.60	15.50	96.90	679.00	547.00	83.70
4	14-Feb-12	1.30	1.10	5.90	62.00	147.00	11.00
5							
6							
7							
8							
9							
10							

Mann Kendall Statistic (S) =	-6.0	-6.0	-6.0	-6.0	-6.0	-6.0	-6.0
Number of Rounds (n) =	4	4	4	4	4	4	4
Average =	29.23	71.23	133.70	2193.75	1328.50	114.75	
Standard Deviation =	23.857	81.948	121.594	3253.939	1774.314	113.180	
Coefficient of Variation(CV)=	0.816	1.151	0.909	1.483	1.336	0.986	

Error Check, Blank if No Errors Detected

Trend \geq 80% Confidence Level	DECREASING	DECREASING	DECREASING	DECREASING	DECREASING	DECREASING	DECREASING
Trend \geq 90% Confidence Level	DECREASING	DECREASING	DECREASING	DECREASING	DECREASING	DECREASING	DECREASING
Stability Test, if No Trend Exists at 80% Confidence Level	NA	NA	NA	NA	NA	NA	NA

Data Entry By = Date = 6-Mar-12 Checked By =

Hawk Express
 411 N. 4th Street, Tomahawk, WI

Table 3c Mann-Kendall Statistical Analysis for MW16

REI Project Number 5313

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State of Wisconsin
 Department of Natural Resources
 Remediation and Redevelopment Program

Mann-Kendall Statistical Test
 Form 4400-215 (2/2001)

Notice: This form is the DNR supplied spreadsheet referenced in Appendices A of Comm 46 and NR 746, Wis. Adm. Code. It is provided to consultants as an optional tool for groundwater contaminant trend analysis to support site closure requests under s. Comm 46.07, Comm 46.08, NR 746.07, NR 746.08, Wis. Adm. Code. Use this form or a manual method when seeking case closure under those rules. Earlier versions of this form should not be used.

Instructions: Do not change formulas or other information in cells with a blue background, only cells with a yellow background are used for data entry. To use the spreadsheet, provide at least four rounds and not more than ten rounds of data that is not seasonally affected. Use consistent units. The spreadsheet contains several error checks, and a data entry error may cause "DATA ERR" or "DATE ERR" to be displayed. Dates that are not consecutive will show an error message and will not display the test results. The spreadsheet tests the data for both increasing and decreasing trends at both 80 percent and 90 percent confidence levels. If a declining trend is present at 80 percent but not at 90 percent, a site is still eligible for closure under Comm 46 and NR 746 provided that other conditions in those rules are met. If an increasing or decreasing trend is not present, an additional coefficient of variation test is used to test for stability, as proposed by Wiedemeier et al, 1999. For additional information, refer to the Interim Guidance on Natural Attenuation for Petroleum Releases, dated October 1999. Refer to the guidance for recommendations on data entry for non-detect values.

Site Name = Hawk Express BRRTS No. = 03-35-197014 Well Number = PZ1

Event Number	Compound -> Sampling Date (most recent last)	Benzene Concentration (leave blank if no data)	Toluene Concentration (leave blank if no data)	Ethylbenzene Concentration (leave blank if no data)	Total Xylenes Concentration (leave blank if no data)	Total TMB Concentration (leave blank if no data)	Naphthalene Concentration (leave blank if no data)
1	24-Jun-10	96.80	0.87	2.08	11.36	2.82	0.40
2	9-Jun-11	312.00	7.10	3.50	358.00	346.00	144.00
3	29-Sep-11	265.00	17.90	29.10	1,413.00	2,284.00	308.00
4	14-Feb-12	81.00	6.30	9.00	420.00	790.00	140.00
5							
6							
7							
8							
9							
10							

Mann Kendall Statistic (S) =	-2.0	2.0	4.0	4.0	4.0	2.0
Number of Rounds (n) =	4	4	4	4	4	4
Average =	188.70	8.04	10.92	550.59	855.71	148.10
Standard Deviation =	117.004	7.131	12.482	602.402	1005.246	125.785
Coefficient of Variation (CV) =	0.620	0.887	1.143	1.094	1.175	0.849

Error Check, Blank if No Errors Detected

Trend ≥ 80% Confidence Level	No Trend	No Trend	INCREASING	INCREASING	INCREASING	No Trend
Trend ≥ 90% Confidence Level	No Trend	No Trend	No Trend	No Trend	No Trend	No Trend

Stability Test, if No Trend Exists at 80% Confidence Level	CV ≤ 1 STABLE	CV ≤ 1 STABLE	NA	NA	NA	CV ≤ 1 STABLE
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Data Entry By = Date = 6-Mar-12 Checked By =

Hawk Express
 411 N. 4th Street, Tomahawk, WI

Table 3d
 REI Project Number 5313

Mann-Kendall Statistical Analysis for PZ1

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Table 5.1
Summary of Soil Quality Test Results

Boring No.	Sample Depth	PID Reading	Benzene	Ethylbenzene	Toluene	Total Xylenes	1,2,4-TMB	1,3,5-TMB	MTBE	GRO	Lead	Tot. Org. Carbon
	ft	I.U.	ppb	ppb	pph	ppb	ppb	ppb	ppb	ppm	ppm	ppm
B-1	8.5-10	220	4,000	32,000	63,000	150,000	83,000	26,000	570	2,600	10	NT
B-2	3.5-5	168	50	77	260	540	270	87	<25	<5.4	NT	NT
	8.5-10	250	22,000	150,000	340,000	850,000	360,000	130,000	<5,000	8,200	3.8	NT
B-3	8.5-10	290	5,300	5,800	110,000	160,000	162,000	52,000	<1,300	2,400	<1.2	NT
B-4	6-7.5	BK	NT	NT	NT	NT	NT	NT	NT	NT	NT	39,000
	8.5-10	BK	<25	<25	89	180	300	98	<25	13	7.1	NT
B-5	6-7.5	BK	<25	<25	<25	44	42	<25	<25	<7.2	2.5	NT
B-6	8.5-10	230	320	11,000	6,500	64,000	71,000	20,000	<250	850	<1.2	NT
B-7	8.5-10	220	2,800	36,000	59,000	200,000	120,000	45,000	<25	1,600	1.1	NT
B-8	6-7.5	BK	<25	<25	<25	56	40	<25	<25	<5.2	3.1	4,000
B-9	8.5-10	2	<25	<25	<25	<25	<25	<25	<25	<5.2	<1.0	NT
B-10	8.5-10	300	1,800	17,000	2,800	90,000	51,000	16,000	360	850	<1.0	NT
B-11	6-7.5	194	120	480	170	3,800	3,800	1,500	<25	59	6.4	NT
B-12	6-7.5	BK	<25	<25	<25	30	<25	<25	<25	<5.1	1.2	NT
B-13	6-7.5	280	1,300	1,700	4,800	12,000	4,400	1,400	150	72	15	NT
B-14	3.5-5	95	<25	<25	28	140	350	54	<25	<5.3	1.6	NT
B-15	8.5-10	BK	<25	<25	<25	<25	<25	<25	<25	<5.2	<1.0	NT
B-16	6-7.5	BK	<25	<25	<25	<25	<25	<25	<25	<5.2	<1.0	NT
B-17	6-7.5	BK	1,500	<25	<25	32	34	<25	<25	<5.1	<1.0	NT
	8.5-10	390	<2,500	29,000	54,000	330,000	180,000	60,000	<2,500	2,400	NT	NT
B-18	8.5-10	12	<25	<25	<25	<25	33	<25	<25	<5.2	<1.1	NT
B-19	8.5-10	BK	<25	<25	<25	<25	<25	<25	<25	<5.1	<1.0	NT
B-20	8.5-10	BK	<25	<25	<25	<25	<25	<25	<25	<5.8	<1.2	NT
B-21	8.5-10	BK	<25	<25	<25	<25	<25	<25	<25	<5.2	<1.0	NT
B-22	8.5-10	BK	<25	<25	<25	<25	<25	<25	<25	<5.2	1.3	NT
B-23	8.5-10	BK	<25	<25	<25	<25	<25	<25	<25	<5.4	<1.0	NT
NE Pump Island, 1.5'			59,000	440,000	790,000	2,900,000	2,700,000	780,000	14,000	31,000	NT	NT
SW Pump Island, 1.5'			7,200	4,900	25,000	110,000	77,000	44,000	<500	NT	NT	NT
NR 720 Standard			5.5	2,900	1,500	4,100	---	---	---	100	---	---

Note: TMB = Trimethyl benzene
 MTBE = Methyl tert-butyl ether
 I.U.= PID Instrument Units (ppm, calibrated as isobutylene)

Table 1c

Soil Quality Test Results
Clark Gas Station, 411 North 4th Street, Tomahawk, WI

Sample ID	Date	Depth Ft	PID IU	GRO (ppm)	Benzene (ppb)	Ethylbenzene (ppb)	Toluene (ppb)	Xylenes (ppb)
C-1W	6.28.99	9.0'	100	<5.4	<27	<27	31	<80
B-1W	6.28.99	9.0'	130	6,100	37,400	172,000	372,000	964,000
A-1W	6.28.99	9.0'	60	<5.8	<29	<29	47	<87
C-2W	6.29.99	9.0'	200	160	<1,400	29,500	14,800	174,000
C-1B	6.29.99	15.0'	7	<6.9	44	<35	43	120
A-2B	6.29.99	15.0'	60	<6.8	299	150	517	830
B-2B	6.29.99	15.0'	5	<6.0	369	32	179	119
B-3W	6.30.99	6.0'	200	420	8,250	27,100	85,900	734,000
C-3W	6.30.99	9.0'	500	280	16,500	91,300	176,000	601,000
A-2W	6.30.99	9.0'	200	9.7	126	100	210	776
NR720 Cleanup Standard				100				
Site-Specific Clean-up Goal					2,500			

TABLE 1d
SUMMARY OF TANK REMOVAL SOIL SAMPLE ANALYTICAL RESULTS
HAWK EXPRESS (FORMER CLARK OIL #1302)
411 N. 4TH STREET
TOMHAWK, WI

PARAMETER	Sample Location															
	RCL		S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	S11	S12	S13	
	Table 1	Table 2	12'	12'	12'	12'	12'	12'	5'	5'	11'	11'	11'	10'	10'	
	Sample Date	5/25/11	5/25/11	5/25/11	5/25/11	5/25/11	5/25/11	5/25/11	5/25/11	5/25/11	5/25/11	5/25/11	5/25/11	5/25/11	5/25/11	
Gasoline Range Organics (GRO) mg/kg	100	NS	NS	6,500	10,400	125	13,000	10,100	2,980	<10	<10	2,130	2,660	11,800	<10	<10
Petroleum VOC's (ug/kg)																
Benzene	5.5	8,500	1,100	22,200	37,000	42	63,000	48,000	4,000	<25	<25	<250	<250	193,000	<25	<25
Ethylbenzene	2,900	4,600	NS	184,000	264,000	244	330,000	295,000	89,000	<25	<25	19,000	17,200	220,000	113	131
Toluene	1,500	38,000	NS	286,000	480,000	320	640,000	720,000	149,000	72	<25	7,400	5,700	232,000	131	105
Xylenes (Total)	4,100	42,000	NS	118,400	1,100,000	1,690	1,270,000	1,270,000	562,000	143	<50	110,000	79,600	1,110,000	290	448
Methyl tert Butyl Ether	NS	NS	NS	<1250	<1,250	<25	<1,250	<1,250	<250	<25	<25	<250	<250	<1,250	<25	<25
1,2,4-Trimethylbenzene	NS	83,000	NS	520,000	730,000	2,970	850,000	790,000	234,000	<25	<25	239,000	225,000	1,210,000	380	650
1,3,5-Trimethylbenzene	NS	11,000	NS	173,000	246,000	2,990	280,000	251,000	76,000	<25	<25	88,000	87,000	430,000	129	220
Naphthalene	NS	2,700	NS	102,000	159,000	1,060	180,000	144,000	41,000	<25	<25	52,000	45,000	220,000	125	<25

Notes:

Soil Samples Collected by GEI Consultants, Inc.

RCL - NR 720 Soil Residual Contaminant Level

Table 1 - SPS 346 Table 1 Value - Indicates Petroleum Product in Soil Pores

Table 2 - Direct Contact Standard

< - Concentration below listed laboratory detection limit

RCL exceedences are shaded

NS - No Standard

Bold - Exceeds RCL

Outline - Exceeds Table 1

Italic - Exceeds Table 2

Table 2:

Summary of Groundwater Quality Test Results
Clark Gas Station, 411 North 4th Street, Tomahawk, WI. (Project #4315)

Date	Location	Benzene	Ethylbenzene	Toluene	Total Xylenes	TMB	MTBE	Naphthalene	GRO	Dissolved Lead
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppm	ppb
10/7/1998	MW-1	<0.5	<0.5	<0.5	<0.5	<1.0	<0.2	<2.0	<0.050	<1.5
10/6/1999	MW-1	<0.13	<0.22	<0.20	<0.23	<0.29	<0.16	NT	<0.050	NT
1/12/2000	MW-1	0.26	<0.22	<0.20	0.85	0.62	<0.16	NT	NT	NT
7/26/2000	MW-1	<0.13	<0.22	<0.20	<0.23	<0.51	<0.16	NT	<0.050	NT
12/27/2000	MW-1	<0.5	<0.5	<0.5	<0.5	<2	<0.2	NT	<0.050	NT
5/8/2001	MW-1	<0.5	<0.5	<0.5	<0.5	<2	<0.2	NT	<0.050	NT
10/17/2001	MW-1	<0.5	<0.5	<0.5	<0.5	<2	<0.2	NT	<0.05	NT
2/18/2002	MW-1	<0.5	<0.5	<0.5	<0.5	<2	<0.2	<2.0	<0.05	NT
8/8/2002	MW-1	<0.5	<0.5	<0.5	<0.5	<2	<0.2	<2.0	<0.05	NT
1/7/2003	MW-1	<0.5	<0.5	<0.5	<0.5	<2	<0.2	<2.0	NT	NT
10/7/1998	MW-2	620	500	1,000	2,700	1,110	54	<500	13	30
10/6/1999		Abandoned								
10/7/1998	MW-3	16,000	4,000	52,000	20,000	2,600	670	<5,000	1,500	NT
10/6/1999		Abandoned								
10/6/1999	MW-3R	6,100	1,100	9,100	8,200	2,340	<2.5	NT	38	NT
1/12/2000		Buried under Concrete								
10/7/1998	MW-4	850	730	3,700	3,400	1,580	10	170	19	21
10/6/1999		Abandoned								
10/7/1998	MW-5	1,200	510	2,900	2,700	1,260	<10	150	19	15
10/6/1999		Abandoned								
10/7/1998	MW-6	<0.5	<0.5	0.78	1.8	1.1	<0.2	<2.0	0.1	1.7
10/6/1999	MW-6	<0.13	<0.22	<0.20	<0.23	<0.29	<0.16	NT	<0.050	NT
1/12/2000	MW-6	NA	NA	NA	NA	NA	NA	NA	NA	NA
7/26/2000	MW-6	<0.13	<0.22	<0.20	<0.23	<0.51	<0.16	NT	<0.050	NT
10/22/1998	MW-7	<0.50	<0.50	<0.50	<0.50	<1.0	<0.20	<2.0	<0.050	NT
10/6/1999	MW-7	<0.13	<0.22	<0.20	<0.23	<0.29	<0.16	NT	<0.050	NT
1/12/2000	MW-7	<0.13	<0.22	<0.20	<0.23	<0.29	<0.16	NT	NT	NT
7/26/2000	MW-7	<0.13	<0.22	0.33	0.3	<0.51	<0.16	NT	<0.050	NT
10/22/1998	MW-8	0.81	0.51	0.54	3.9	10.7	2.4	2.9	0.067	NT
10/6/1999	MW-8	6.1	<0.22	<0.20	0.55	<0.29	<0.16	NT	<0.050	NT
1/12/2000	MW-8	0.84	<0.22	<0.20	<0.23	<0.29	1.1	NT	NT	NT
7/26/2000	MW-8	42	1.4	0.34	10	<3.49	1.9	NT	0.084	NT
12/27/2000	MW-8	19.9	<0.5	<0.5	1.91	1.06	0.577	NT	<0.050	NT
5/8/2001	MW-8	3.01	<0.5	<0.5	<0.5	<2	<0.2	NT	<0.050	NT
10/17/2001	MW-8	5.72	<0.5	<0.5	<0.5	<2	<0.2	NT	<0.5	NT
2/18/2002	MW-8	2.96	<0.5	<0.5	<0.5	<2	<0.2	<2	<0.05	NT
8/8/2002	MW-8	1,180	7.82	4.74	42.6	17.27	7.76	19.9	1.65	NT
1/7/2003	MW-8	44.8	<0.5	2.03	<0.5	<2	NT	NT	NT	NT
5/30/2003	MW-8	227.0	42.8	147	274	6.41	6.4	<2	NT	NT
9/8/2003	MW-8	364.0	<0.5	0.65	4.10	<2.95	5.66	3.9	NT	NT
1/13/2004	MW-8	<0.5	<5.0	<5.0	<5.0	<10	<0.51	<8.0	NT	NT
4/29/2004	MW-8	<0.5	<5.0	<5.0	<5.0	<10	<0.51	<8.0	NT	NT
10/22/1998	MW-9	740	210	990	1,500	1,140	4	130	7.8	NT
10/6/1999	MW-9	130	340	350	3,000	2,180	<3.2	NT	12	NT
1/12/2000	MW-9	950	1,100	3,200	9,500	3,020	<16	NT	NT	NT
7/26/2000	MW-9	22	220	97	2,000	2,390	<3.2	NT	12	NT
12/27/2000	MW-9	145	240	272	1,980	2,335	<4.0	NT	10.9	NT
5/8/2001	MW-9	266	191	524	1,550	1,156	<4.0	NT	8.86	NT
10/17/2001	MW-9	20	55	<5	226	1,722	<2	NT	7.56	NT
2/18/2002	MW-9	677	168	176	573	1,906	<2	94	5.8	NT
8/8/2002	MW-9	8.25	57.2	<5	126	989	2.1	130	6.3	NT
1/7/2003	MW-9	1.7	28.2	<0.5	115	1,216	<0.2	NT	NT	NT

Table 2 (continued)

Summary of Groundwater Quality Test Results
Clark Gas Station, 411 North 4th Street, Tomahawk, WI. (Project #4315)

Date	Location	Benzene	Ethylbenzene	Toluene	Total Xylenes	TMB	MTBE	Naphthalene	GRO	Dissolved Lead
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppm	ppb
5/30/2003	MW-9	10.9	31.2	16.4	144	273.7	0.447	27.3	NT	NT
9/8/2003	MW-9	11.3	13.0	<2.5	54.1	562	<1	48.4	NT	NT
1/13/2004	MW-9	155	67.5	8.98	343	1,533	19.7	184	NT	NT
4/29/2004	MW-9	75.8	55.8	85	342	450	4.36	37.7	NT	NT
10/22/1998	MW-10	<0.50	<0.50	<0.50	0.75	1.7	<0.20	<2.0	<0.050	NT
10/6/1999	MW-10	<0.13	<0.22	<0.20	<0.23	<0.29	<0.16	NT	<0.050	NT
1/12/2000	MW-10	NA	NA	NA	NA	NA	NA	NA	NA	NA
7/26/2000	MW-10	<0.13	<0.22	<0.20	<0.23	<0.51	<0.16	NT	<0.050	NT
10/22/1998	MW-11	5,300	1,200	8,300	9,000	2,190	<10	540	37	NT
10/6/1999	MW-11	1,600	700	1,100	8,800	750	<16	NT	8.8	NT
1/12/2000	MW-11	4,000	840	4,900	7,100	1,320	<16	NT	NT	NT
7/26/2000	MW-11	2,200	650	1,800	6,300	1,710	<3.2	NT	18	NT
12/27/2000	MW-11	3,930	1,650	8,800	12,800	3,231	55	NT	48.2	NT
5/8/2001	MW-11	2,120	709	3,020	8,750	2,495	<20	NT	20.7	NT
10/17/2001	MW-11	3,540	1,720	1,740	9,390	3,077	31.5	NT	25.7	NT
2/18/2002	MW-11	3,070	1,630	4,950	14,500	4,173	40	890	42	NT
8/8/2002	MW-11	2,230	1,170	554	8,250	2,958	41.5	676	18.6	NT
1/7/2003	MW-11	2,590	1,580	2,220	7,730	2,627	102	NT	<0.05	NT
5/30/2003	MW-11	1,100	710	1,500	6,470	2,479	38	582	<0.05	NT
9/8/2003	MW-11	2,510	2,160	4,080	16,200	4,290	83.2	692	<0.05	NT
1/13/2004	MW-11	1,460	1,600	2,550	13,000	3,635	25.6	1,170	NT	NT
4/29/2004	MW-11	879	740	1,220	7,930	2,784	<10.2	543	NT	NT
11/12/1998	MW-12	<0.50	<0.50	<0.50	<0.50	<1.0	<0.20	<8.0	0.05	<1.5
10/6/1999	MW-12	0.16	<0.22	0.2	0.5	0.3	<0.16	NT	<0.050	NT
1/12/2000	MW-12	<0.13	<0.22	<0.20	<0.23	<0.29	<0.16	NT	NT	NT
7/26/2000	MW-12	<0.13	<0.22	<0.20	<0.23	<0.51	<0.16	NT	<0.050	NT
12/27/2000	MW-12	<0.5	<0.5	<0.5	<0.5	<2	<0.2	NT	<0.050	NT
10/17/2001	MW-12	<0.5	<0.5	<0.5	<0.5	<2	<0.2	NT	<0.050	NT
2/18/2002	MW-12	<0.5	<0.5	<0.5	<0.5	<2	<0.2	<2	<0.050	NT
8/8/2002	MW-12	<0.5	<0.5	<0.5	<0.5	<2	<0.2	<2	<0.05	NT
11/12/1998	MW-13	<0.50	<0.50	<0.50	0.73	<1.0	<0.20	<8.0	<0.050	<1.5
10/6/1999	MW-13	0.52	<0.22	<0.2	<0.23	<0.29	<0.16	NT	<0.050	NT
1/12/2000	MW-13	<0.13	<0.22	<0.20	<0.23	<0.29	<0.16	NT	NT	NT
7/26/2000	MW-13	<0.13	<0.22	<0.20	<0.23	<0.51	<0.16	NT	<0.050	NT
11/12/1998	MW-14	<0.50	<0.50	<0.50	1.1	1.6	<0.20	<8.0	<0.050	<1.5
10/6/1999	MW-14	0.17	<0.22	<0.2	<0.23	<0.29	<0.16	NT	<0.050	NT
1/12/2000	MW-14	<0.13	<0.22	<0.20	<0.23	<0.29	<0.16	NT	NT	NT
7/26/2000	MW-14	<0.13	<0.22	<0.20	<0.23	<0.51	<0.16	NT	<0.050	NT
1/7/2003	MW-15	55.3	0.888	7.15	120	50.88	3.75	NT	NT	NT
5/30/2003	MW-15	<0.5	<0.5	<0.5	<0.5	<2	<0.2	<2	NT	NT
9/8/2003	MW-15	30.2	<0.5	<0.5	16.3	<3.83	2.56	9.27	NT	NT
1/13/2004	MW-15	Not tested as well was not accessible due to big snow pile								
4/29/2004	MW-15	<0.5	<5.0	<5.0	<5.0	<10	<0.51	<8.0	NT	NT
	ES	5	700	1,000	10,000	480	60	40	—	15
	PAL	1	140	200	1,000	96	12	8	—	2

TMB= Trimethyl Benzene

MTBE= Methyl tert-butyl ether

NA = Not Accessible

Shaded values indicate an exceedance of the Enforcement Standard as set forth in NR 140

TABLE 3a
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
HAWK EXPRESS (FORMER CLARK OIL #1302)
411 N. 4TH STREET
TOMHAWK, WI

PARAMETER	ES	PAL	MW1			
			6/24/10	6/9/11	9/29/11	2/14/12
Sample Date						
Detected VOC's (ug/L)						
Benzene	5	0.5	<0.31	<0.39	NA	NA
Ethylbenzene	700	140	<0.5	<0.41	NA	NA
Toluene	800	160	<0.37	<0.42	NA	NA
Xylenes (Total)	2,000	400	<0.77	<0.38	NA	NA
Trimethylbenzenes (Total)	480	96	<0.44	<0.40	NA	NA
Methyl Tert Butyl Ether	60	12	<0.3	<0.38	NA	NA
Naphthalene	100	10	<0.8	<0.40	NA	NA

Notes

PAL = NR 140 Preventive Action Limit

ES = NR 140 Enforcement Standards

NR 140 Enforcement Standard Exceeded

BOLD

NR 140 Preventative Action Limit Exceeded

Italic

NA - Not Analyzed

< - Concentration less than listed detection limit

* = Analytical results between the Limit of Detection and the Limit of Quantitation, should be considered an estimate.

^J = Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

TABLE 3b
 SUMAMRY OF GROUNDWATER ANALYTICAL RESULTS
 HAWK EXPRESS (FORMER CLARK OIL #1302)
 411 N. 4TH STREET
 TOMHAWK, WI

PARAMETER	ES	PAL	MW6			
			6/24/10	6/9/11	9/29/11	2/14/12
Sample Date						
Detected VOC's (ug/L)						
Benzene	5	0.5	<0.31	<0.39	<0.39	<0.25
Ethylbenzene	700	140	<0.5	<0.41	<0.41	<0.22
Toluene	800	160	<0.37	<0.42	<0.42	<0.25
Xylenes (Total)	2,000	400	<0.77	<0.38	<0.87	0.45 ^J
Trimethylbenzenes (Total)	480	96	<0.44	<0.40	<0.43	0.74 ^J
Methyl Tert Butyl Ether	60	12	<0.3	<0.38	<0.38	<0.23
Naphthalene	100	10	<0.8	<0.40	<0.40	3.5

Notes

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NR 140 Enforcement Standard Exceeded

BOLD
<i>Italic</i>

NR 140 Preventative Action Limit Exceeded

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TABLE 3c
 SUMAMRY OF GROUNDWATER ANALYTICAL RESULTS
 HAWK EXPRESS (FORMER CLARK OIL #1302)
 411 N. 4TH STREET
 TOMHAWK, WI

PARAMETER	ES	PAL	MW7			
			6/24/10	6/9/11	9/29/11	2/14/12
Sample Date						
Detected VOC's (ug/L)						
Benzene	5	0.5	<0.31	<0.39	NA	NA
Ethylbenzene	700	140	<0.5	<0.41	NA	NA
Toluene	800	160	<0.37	<0.42	NA	NA
Xylenes (Total)	2,000	400	<0.77	<0.38	NA	NA
Trimethylbenzenes (Total)	480	96	<0.44	<0.40	NA	NA
Methyl Tert Butyl Ether	60	12	<0.3	<0.38	NA	NA
Naphthalene	100	10	<0.8	<0.40	NA	NA

Notes

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NR 140 Enforcement Standard Exceeded

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TABLE 3d
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
HAWK EXPRESS (FORMER CLARK OIL #1302)
411 N. 4TH STREET
TOMHAWK, WI

PARAMETER	ES	PAL	MW9			
			6/24/10	6/9/11	9/29/11	2/14/12
Sample Date			6/24/10	6/9/11	9/29/11	2/14/12
Detected VOC's (ug/L)						
Benzene	5	0.5	34.9	1.5	<0.39	<0.25
Ethylbenzene	700	140	37.5	2.4	<0.41	<0.22
Toluene	800	160	4.63	0.45*	<0.42	<0.25
Xylenes (Total)	2,000	400	109	3.9	<0.87	<0.39
Trimethylbenzenes (Total)	480	96	125	5.6	<0.43	<0.44
Methyl Tert Butyl Ether	60	12	<0.3	<0.38	<0.38	<0.23
Naphthalene	100	10	12.1	3.4	<0.4	1.2 ^J

Notes

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ES = NR 140 Enforcement Standards

NR 140 Enforcement Standard Exceeded

BOLD

NR 140 Preventative Action Limit Exceeded

Italic

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^J = Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

TABLE 3e
 SUMAMRY OF GROUNDWATER ANALYTICAL RESULTS
 HAWK EXPRESS (FORMER CLARK OIL #1302)
 411 N. 4TH STREET
 TOMHAWK, WI

PARAMETER	ES	PAL	MW10			
Sample Date			6/24/10	6/9/11	9/29/11	2/14/12
Detected VOC's (ug/L)						
Benzene	5	0.5	<0.31	<0.39	NA	NA
Ethylbenzene	700	140	<0.5	<0.41	NA	NA
Toluene	800	160	<0.37	<0.42	NA	NA
Xylenes (Total)	2,000	400	<0.77	<0.38	NA	NA
Trimethylbenzenes (Total)	480	96	<0.44	<0.40	NA	NA
Methyl Tert Butyl Ether	60	12	<0.3	<0.38	NA	NA
Naphthalene	100	10	<0.8	<0.40	NA	NA

Notes

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NR 140 Enforcement Standard Exceeded

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TABLE 3f
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
HAWK EXPRESS (FORMER CLARK OIL #1302)
411 N. 4TH STREET
TOMHAWK, WI

PARAMETER	ES	PAL	MW11			
			6/24/10	6/9/11	9/29/11	2/14/12
Sample Date						
Detected VOC's (ug/L)						
Benzene	5	0.5	56.4	74.8	<i>4.4</i>	<0.25
Ethylbenzene	700	140	247	74.7	<i>77</i>	16
Toluene	800	160	32.6	9.1	<i>7.2</i>	0.43 ^J
Xylenes (Total)	2,000	400	2,857	438	<i>874</i>	120
Trimethylbenzenes (Total)	480	96	1,487	443	<i>1,092</i>	36
Methyl Tert Butyl Ether	60	12	<3.0	<0.76	<i><0.95</i>	<0.23
Naphthalene	100	10	230	74.3	<i>84</i>	13

Notes

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TABLE 3g
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
HAWK EXPRESS (FORMER CLARK OIL #1302)
411 N. 4TH STREET
TOMHAWK, WI

PARAMETER	ES	PAL	MW12			
			6/24/10	6/9/11	9/29/11	2/14/12
Sample Date						
Detected VOC's (ug/L)						
Benzene	5	0.5	<0.31	<0.39	<0.39	<0.25
Ethylbenzene	700	140	<0.5	<0.41	<0.41	<0.22
Toluene	800	160	<0.37	<0.42	<0.42	<0.25
Xylenes (Total)	2,000	400	<0.77	<0.40	<0.43	<0.39
Trimethylbenzenes (Total)	480	96	<0.44	<0.38	<0.43	1.09 ^J
Methyl Tert Butyl Ether	60	12	<0.3	<0.38	<0.38	<0.23
Naphthalene	100	10	<0.8	<0.40	<0.40	0.98 ^J

Notes

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NR 140 Enforcement Standard Exceeded

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TABLE 3h
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
HAWK EXPRESS (FORMER CLARK OIL #1302)
411 N. 4TH STREET
TOMHAWK, WI

PARAMETER	ES	PAL	MW13			
			6/24/10	6/9/11	9/29/11	2/14/12
Sample Date			6/24/10	6/9/11	9/29/11	2/14/12
Detected VOC's (ug/L)						
Benzene	5	0.5	<0.31	<0.39	NA	NA
Ethylbenzene	700	140	<0.5	<0.41	NA	NA
Toluene	800	160	<0.37	<0.42	NA	NA
Xylenes (Total)	2,000	400	<0.77	<0.38	NA	NA
Trimethylbenzenes (Total)	480	96	<0.44	<0.40	NA	NA
Methyl Tert Butyl Ether	60	12	<0.3	<0.38	NA	NA
Naphthalene	100	10	<0.8	<0.40	NA	NA

Notes

PAL = NR 140 Preventive Action Limit

ES = NR 140 Enforcement Standards

NR 140 Enforcement Standard Exceeded

BOLD

NR 140 Preventative Action Limit Exceeded

Italic

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< - Concentration less than listed detection limit

* = Analytical results between the Limit of Detection and the Limit of Quantitation, should be considered an estimate.

^J = Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

TABLE 3i
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
HAWK EXPRESS (FORMER CLARK OIL #1302)
411 N. 4TH STREET
TOMHAWK, WI

PARAMETER	ES	PAL	MW14			
			6/24/10	6/9/11	9/29/11	2/14/12
Sample Date			6/24/10	6/9/11	9/29/11	2/14/12
Detected VOC's (ug/L)						
Benzene	5	0.5	<0.31	<0.39	NA	NA
Ethylbenzene	700	140	<0.5	<0.41	NA	NA
Toluene	800	160	<0.37	<0.42	NA	NA
Xylenes (Total)	2,000	400	<0.77	<0.38	NA	NA
Trimethylbenzenes (Total)	480	96	<0.44	<0.40	NA	NA
Methyl Tert Butyl Ether	60	12	<0.3	<0.38	NA	NA
Naphthalene	100	10	<0.8	<0.40	NA	NA

Notes

PAL = NR 140 Preventive Action Limit

ES = NR 140 Enforcement Standards

NR 140 Enforcement Standard Exceeded

BOLD

NR 140 Preventative Action Limit Exceeded

Italic

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* = Analytical results between the Limit of Detection and the Limit of Quantitation, should be considered an estimate.

^J = Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

TABLE 3j
 SUMAMRY OF GROUNDWATER ANALYTICAL RESULTS
 HAWK EXPRESS (FORMER CLARK OIL #1302)
 411 N. 4TH STREET
 TOMHAWK, WI

PARAMETER	ES	PAL	MW15			
			6/24/10	6/9/11	9/29/11	2/14/12
Sample Date						
Detected VOC's (ug/L)						
Benzene	5	0.5	<0.31	<0.39	NA	NA
Ethylbenzene	700	140	<0.5	<0.41	NA	NA
Toluene	800	160	<0.37	<0.42	NA	NA
Xylenes (Total)	2,000	400	<0.77	<0.40	NA	NA
Trimethylbenzenes (Total)	480	96	<0.44	<0.38	NA	NA
Methyl Tert Butyl Ether	60	12	<0.3	<0.38	NA	NA
Naphthalene	100	10	<0.8	<0.40	NA	NA

Notes

PAL = NR 140 Preventive Action Limit

ES = NR 140 Enforcement Standards

NR 140 Enforcement Standard Exceeded

BOLD

NR 140 Preventative Action Limit Exceeded

Italic

NA - Not Analyzed

< - Concentration less than listed detection limit

* = Analytical results between the Limit of Detection and the Limit of Quantitation, should be considered an estimate.

^J = Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

TABLE 3k
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
HAWK EXPRESS (FORMER CLARK OIL #1302)
411 N. 4TH STREET
TOMHAWK, WI

PARAMETER	ES	PAL	MW16			
			6/24/10	6/9/11	9/29/11	2/14/12
Sample Date			6/24/10	6/9/11	9/29/11	2/14/12
Detected VOC's (ug/L)						
Benzene	5	0.5	57.9	36.1	21.6	<i>1.3^J</i>
Ethylbenzene	700	140	297	135	96.9	5.9
Toluene	800	160	<i>180</i>	88.3	15.5	<i>1.1^J</i>
Xylenes (Total)	2,000	400	7,040	994	679	62
Trimethylbenzenes (Total)	480	96	3,970	650	547	147
Methyl Tert Butyl Ether	60	12	<6	<0.95	0.60 ^J	<0.23
Naphthalene	100	10	276	88.3	83.7	11

Notes

PAL = NR 140 Preventive Action Limit

ES = NR 140 Enforcement Standards

NR 140 Enforcement Standard Exceeded

BOLD

NR 140 Preventative Action Limit Exceeded

Italic

NA - Not Analyzed

< - Concentration less than listed detection limit

* = Analytical results between the Limit of Detection and the Limit of Quantitation, should be considered an estimate.

^J = Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

TABLE 31
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
HAWK EXPRESS (FORMER CLARK OIL #1302)
411 N. 4TH STREET
TOMHAWK, WI

PARAMETER	ES	PAL	MW17			
Sample Date			6/24/10	6/9/11	9/29/11	2/14/12
Detected VOC's (ug/L)						
Benzene	5	0.5	<0.31	<0.39	<0.39	<0.25
Ethylbenzene	700	140	<0.5	<0.41	<0.41	<0.22
Toluene	800	160	<0.37	<0.42	<0.42	<0.25
Xylenes (Total)	2,000	400	<0.77	<0.38	<0.87	<0.39
Trimethylbenzenes (Total)	480	96	<0.44	<0.40	<0.43	<0.44
Methyl Tert Butyl Ether	60	12	<0.3	<0.38	<0.38	<0.23
Naphthalene	100	10	<0.8	<0.40	<0.40	<0.50

Notes

PAL = NR 140 Preventive Action Limit

ES = NR 140 Enforcement Standards

NR 140 Enforcement Standard Exceeded

BOLD

NR 140 Preventative Action Limit Exceeded

Italic

NA - Not Analyzed

< - Concentration less than listed detection limit

* = Analytical results between the Limit of Detection and the Limit of Quantitation, should be considered an estimate.

^J = Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

TABLE 3m
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
HAWK EXPRESS (FORMER CLARK OIL #1302)
411 N. 4TH STREET
TOMHAWK, WI

PARAMETER	ES	PAL	MW18			
			6/24/10	6/9/11	9/29/11	2/14/12
Sample Date						
Detected VOC's (ug/L)						
Benzene	5	0.5	<0.31	<0.39	<0.39	<0.25
Ethylbenzene	700	140	<0.5	<0.41	<0.41	<0.22
Toluene	800	160	<0.37	<0.42	<0.42	<0.25
Xylenes (Total)	2,000	400	<0.77	<0.38	<0.87	<0.39
Trimethylbenzenes (Total)	480	96	<0.44	<0.40	<0.43	<0.44
Methyl Tert Butyl Ether	60	12	<0.3	<0.38	<0.38	<0.23
Naphthalene	100	10	<0.8	<0.40	<0.40	<0.50

Notes

PAL = NR 140 Preventive Action Limit

ES = NR 140 Enforcement Standards

NR 140 Enforcement Standard Exceeded

BOLD

NR 140 Preventative Action Limit Exceeded

italic

NA - Not Analyzed

< - Concentration less than listed detection limit

* = Analytical results between the Limit of Detection and the Limit of Quantitation, should be considered an estimate.

^J = Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

TABLE 3n
 SUMAMRY OF GROUNDWATER ANALYTICAL RESULTS
 HAWK EXPRESS (FORMER CLARK OIL #1302)
 411 N. 4TH STREET
 TOMHAWK, WI

PARAMETER	ES	PAL	MW19			
			6/24/10	6/9/11	9/29/11	2/14/12
Sample Date						
Detected VOC's (ug/L)						
Benzene	5	0.5	<0.31	<0.39	<0.39	<0.25
Ethylbenzene	700	140	<0.5	<0.41	<0.41	<0.22
Toluene	800	160	<0.37	<0.42	<0.42	<0.25
Xylenes (Total)	2,000	400	<0.77	<0.38	<0.87	<0.39
Trimethylbenzenes (Total)	480	96	<0.44	<0.40	<0.43	<0.44
Methyl Tert Butyl Ether	60	12	<0.3	<0.38	<0.38	<0.23
Naphthalene	100	10	<0.8	<0.40	<0.40	<0.50

Notes

PAL = NR 140 Preventive Action Limit

ES = NR 140 Enforcement Standards

NR 140 Enforcement Standard Exceeded

BOLD

NR 140 Preventative Action Limit Exceeded

Italic

NA - Not Analyzed

< - Concentration less than listed detection limit

* = Analytical results between the Limit of Detection and the Limit of Quantitation, should be considered an estimate.

^J = Result is less that the RL but greater than or equal to the MDL and the concertration is an approximate value.

TABLE 3o
 SUMAMRY OF GROUNDWATER ANALYTICAL RESULTS
 HAWK EXPRESS (FORMER CLARK OIL #1302)
 411 N. 4TH STREET
 TOMHAWK, WI

PARAMETER	ES	PAL	PZ1			
			6/24/10	6/9/11	9/29/11	9/30/11
Sample Date						
Detected VOC's (ug/L)						
Benzene	5	0.5	96.8	312	265	81
Ethylbenzene	700	140	2.08	3.5	29.1	9.0
Toluene	800	160	0.868	7.1	17.9	6.3
Xylenes (Total)	2,000	400	11.36	358	1,413	420
Trimethylbenzenes (Total)	480	96	2.82	346	2,284	790
Methyl Tert Butyl Ether	60	12	4.09	2.7	<3.8	<0.23
Naphthalene	100	10	<0.8	144	308	140

Notes

PAL = NR 140 Preventive Action Limit

ES = NR 140 Enforcement Standards

NR 140 Enforcement Standard Exceeded

BOLD

NR 140 Preventative Action Limit Exceeded

Italic

NA - Not Analyzed

< - Concentration less than listed detection limit

* = Analytical results between the Limit of Detection and the Limit of Quantitation, should be considered an estimate.

¹ = Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

TABLE 3p
 SUMAMRY OF GROUNDWATER ANALYTICAL RESULTS
 HAWK EXPRESS (FORMER CLARK OIL #1302)
 411 N. 4TH STREET
 TOMHAWK, WI

PARAMETER	ES	PAL	GP402	GP408	GP424
Sample Date			2/14/12	2/14/12	2/14/12
Detected VOC's (ug/L)					
Benzene	5	0.5	<0.25	2.8	<0.25
Ethylbenzene	700	140	<0.22	26	<0.22
Toluene	800	160	<0.25	5.2	0.25 ^J
Xylenes (Total)	2,000	400	<0.39	610	<0.39
Trimethylbenzenes (Total)	480	96	<0.23	<0.23	<0.23
Methyl Tert Butyl Ether	60	12	<0.44	900	<0.44
Naphthalene	100	10	<0.50	170	<0.50

Notes

PAL = NR 140 Preventive Action Limit

ES = NR 140 Enforcement Standards

NR 140 Enforcement Standard Exceeded

BOLD

NR 140 Preventative Action Limit Exceeded

Italic

NA - Not Analyzed

< - Concentration less than listed detection limit

* = Analytical results between the Limit of Detection and the Limit of Quantitation, should be considered an estimate.

^J = Result is less that the RL but greater than or equal to the MDL and the concenteration is an approximate value.

Table 1A
Historical Groundwater Elevation Data

Clark Gas Station (Fasgas, Inc.), 411 North 4th Street, Tomahawk, WI.

KSA
K. SINGH & ASSOCIATES, INC.
Engineers, Scientists and Environmental Management Consultants

Monitoring Well Designation	PVC Elev.	Depth to Water 10/7/1998	Groundwater Elevation 10/7/1998	Depth to Water 10/22/1998	Groundwater Elevation 10/22/1998	Depth to Water 10/22/1998	Groundwater Elevation 10/22/1998	Depth to Water 12/16/1998	Groundwater Elevation 12/16/1998	Depth to Water 10/6/1999	Groundwater Elevation 10/6/1999	Depth to Water 1/11/2000	Groundwater Elevation 1/11/2000
MW-1	1447.74	9.60	1,438.14	9.64	1,438.10	9.65	1,438.09	9.63	1,438.11	10.13	1,437.61	9.83	1,437.91
MW-2	1,447.91	9.86	1,438.05	9.89	1,438.02	10.12	1,437.79	10.13	1,437.78	Abandoned	NA	Abandoned	NA
MW-3	1,448.38	10.82	1,437.56	NM	NA	NM	NA	NM	NA	Abandoned	NA	Abandoned	NA
MW-3R	*	*	*	*	*	*	*	*	*	10.80	NA	NA	*
MW-4	1,449.54	11.61	1,437.93	11.61	1,437.93	11.63	1,437.91	11.67	1,437.87	Abandoned	NA	Abandoned	NA
MW-5	1,448.80	10.78	1,438.02	10.79	1,438.01	10.79	1,438.01	10.76	1,438.04	Abandoned	NA	Abandoned	NA
MW-6	1,448.23	10.10	1,438.13	10.11	1,438.12	10.14	1,438.09	10.11	1,438.12	10.61	1,437.62	NA	---
MW-7	1,450.20	*	*	12.07	1,438.13	12.09	1,438.11	12.06	1,438.14	12.55	1,437.65	12.24	1,437.96
MW-8	1,447.42	*	*	9.46	1,437.96	9.47	1,437.95	9.45	1,437.97	9.91	1,437.51	9.63	1,437.79
MW-9	1,449.59	*	*	12.12	1,437.47	12.16	1,437.43	12.13	1,437.46	12.49	1,437.10	12.38	1,437.21
MW-10	1,450.52	*	*	13.16	1,437.36	13.21	1,437.31	13.14	1,437.38	13.42	1,437.10	NA	---
MW-11	1,448.53	*	*	11.24	1,437.29	11.26	1,437.27	11.24	1,437.29	11.66	1,436.87	11.47	1,437.06
MW-12	1,450.58	*	*	*	*	13.02	1,437.56	13.05	1,437.53	13.39	1,437.19	13.34	1,437.24
MW-13	1,449.42	*	*	*	*	12.43	1,436.99	12.47	1,436.95	12.81	1,436.61	12.81	1,437.77
MW-14	1,448.95	*	*	*	*	11.91	1,437.04	11.96	1,436.99	12.23	1,436.72	12.24	1,438.34

Monitoring Well Designation	PVC Elev.	Depth to Water 7/26/2000	Groundwater Elevation 7/26/2000	Depth to Water 12/27/2000	Groundwater Elevation 12/27/2000	Depth to Water 5/8/2001	Groundwater Elevation 5/8/2001	Depth to Water 10/17/2001	Groundwater Elevation 10/17/2001	Depth to Water 2/18/2002	Groundwater Elevation 2/18/2002	Depth to Water 1/7/2003	Groundwater Elevation 1/7/2003
MW-1	1447.74	8.89	1,438.85	9.50	1,438.24	8.52	1,439.22	9.23	1,438.51	9.46	1,429.39	9.29	1,438.45
MW-2	1,447.91	Abandoned	NA	Abandoned	NA	Abandoned	NA	Abandoned	NA	Abandoned	NA	Abandoned	NA
MW-3	1,448.38	Abandoned	NA	Abandoned	NA	Abandoned	NA	Abandoned	NA	Abandoned	NA	Abandoned	NA
MW-3R	*	NA	*	NA	---	NA	---	NA	---	NA	---	NA	---
MW-4	1,449.54	Abandoned	NA	Abandoned	NA	Abandoned	NA	Abandoned	NA	Abandoned	NA	Abandoned	NA
MW-5	1,448.80	Abandoned	NA	Abandoned	NA	Abandoned	NA	Abandoned	NA	Abandoned	NA	Abandoned	NA
MW-6	1,448.23	9.33	1,438.90	9.33	1,438.90	8.90	1,439.33	9.62	1,438.61	NA	---	9.80	1,438.43
MW-7	1,450.20	11.14	1,439.06	NA	NA	10.75	1,439.45	11.63	1,438.57	11.86	1,438.34	NA	---
MW-8	1,447.42	8.36	1,439.06	9.26	1,438.16	8.38	1,439.04	8.98	1,438.44	9.22	1,438.20	9.10	1,438.32
MW-9	1,449.59	11.05	1,438.54	11.88	1,437.71	10.62	1,438.97	11.51	1,438.08	11.80	1,437.79	11.70	1,437.89
MW-10	1,450.52	11.76	1,438.76	NA	NA	11.20	1,439.32	12.39	1,438.13	NA	---	NA	---
MW-11	1,448.53	10.36	1,438.17	11.06	1,437.47	9.96	1,438.57	10.62	1,437.91	10.97	1,437.56	10.82	1,437.71
MW-12	1,450.58	11.90	1,438.68	12.82	1,437.76	11.41	1,439.17	12.37	1,438.21	12.72	1,437.86	12.60	1,437.98
MW-13	1,449.42	11.25	1,438.17	NA	NA	10.70	1,438.72	11.78	1,437.64	NA	---	NA	---
MW-14	1,448.95	10.78	1,438.17	NA	NA	10.36	1,438.59	11.21	1,437.74	11.56	1,437.39	11.45	1,437.50

Monitoring Well Designation	PVC Elev.	Depth to Water 5/50/2003	Groundwater Elevation 5/30/2003	Depth to Water 9/8/2003	Groundwater Elevation 9/8/2003	Depth to Water 1/13/2004	Groundwater Elevation 1/13/2004	Depth to Water 4/29/2004	Groundwater Elevation 4/29/2004
MW-1	1447.74	8.58	1,439.16	9.38	1,438.36	9.63	1,438.11	8.88	1,438.86
MW-2	1,447.91	Abandoned	NA	Abandoned	NA	Abandoned	NA	Abandoned	NA
MW-3	1,448.38	Abandoned	NA	Abandoned	NA	Abandoned	NA	Abandoned	NA
MW-3R	*	NA	*	NA	---	NA	---	NA	---
MW-4	1,449.54	Abandoned	NA	Abandoned	NA	Abandoned	NA	Abandoned	NA
MW-5	1,448.80	Abandoned	NA	Abandoned	NA	Abandoned	NA	Abandoned	NA
MW-6	1,448.23	8.98	1,439.25	9.87	1,438.36	NA	NA	9.28	1,438.95
MW-7	1,450.20	NA	NA	NA	NA	NA	NA	NA	NA
MW-8	1,447.42	8.45	1,438.97	9.13	1,438.29	9.38	1,438.04	8.68	1,438.74
MW-9	1,449.59	10.67	1,438.92	11.67	1,437.92	12.03	1,437.56	11.00	1,438.59
MW-10	1,450.52	11.33	1,439.19	12.56	1,437.96	NA	NA	11.64	1,438.88
MW-11	1,448.53	9.94	1,438.59	10.83	1,437.70	11.20	1,437.33	10.25	1,438.28
MW-12	1,450.58	11.51	1,439.07	NA	NA	NA	NA	11.79	1,438.79
MW-13	1,449.42	10.80	1,438.62	11.94	1,437.48	NA	NA	11.05	1,438.37
MW-14	1,448.95	10.44	1,438.51	11.42	1,437.53	10.67	1,438.28	10.65	1,438.30

Note: All elevations are given in feet, MSL.

**= Well was not installed at the time of groundwater elevation measurement.

NA - Not Accessible.

TABLE 1b
DEPTH TO WATER AND WATER LEVEL ELEVATIONS
HAWK EXPRESS (FORMER CLARK OIL #1302)
411 N. 4TH STREET
TOMHAWK, WI

Depth to Water Measure from Top of Well Casing (ft).

Date	MW1	MW6	MW7	MW9	MW10	MW11	MW12	MW13	MW14	MW15	MW16	MW17	MW18	MW19	PZ1
6/24/2010	9.31	9.77	11.73	11.44	12.32	10.58	12.26	11.64	11.12	10.81	10.57	12.86	13.97	10.87	12.28
6/9/2011	8.72	9.11	11.01	10.89?	11.38	9.9	11.44	10.77	9.89	10.14	9.95	12.06	13.02	10.19	12.45
9/29/2011	-	9.75	-	10.47	-	10.1	11.41	-	-	-	10.32	12.96	13.91	10.31	12.33
2/14/2012	-	10.18	-	10.53	-	10.26	11.46	-	-	-	10.67	13.38	14.25	10.41	12.58

Ground Surface Elevations

												1449.36	1451.07	1451.48	1449.06	1448.93
--	--	--	--	--	--	--	--	--	--	--	--	---------	---------	---------	---------	---------

Top of Casing Elevations

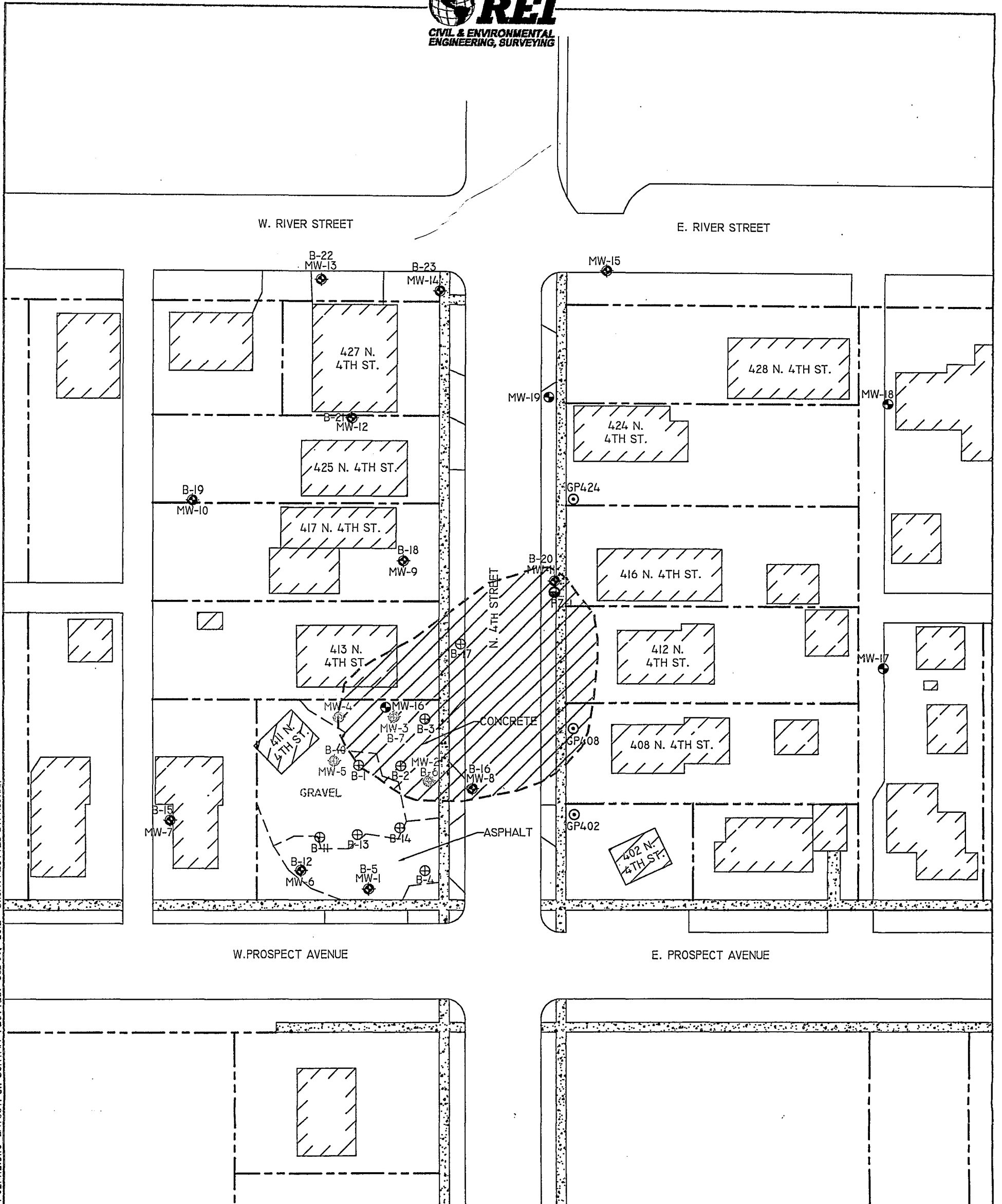
	1447.74	1448.23	1450.2	1449.59	1450.52	1448.53	1450.58	1449.42	1448.95		1448.93	1450.52	1451.13	1448.62	1448.54
--	---------	---------	--------	---------	---------	---------	---------	---------	---------	--	---------	---------	---------	---------	---------

Depth To Water (feet) below Ground Surface

Average	9.02	9.70	11.37	10.81	11.85	10.21	11.64	11.21	10.51	10.48	10.38	12.82	13.79	10.45	12.41
---------	------	------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------

Depth of Groundwater

6/24/2010	1438.43	1438.46	1438.47	1438.15	1438.2	1437.95	1438.32	1437.78	1437.83		1438.36	1437.66	1437.16	1437.75	1436.26
6/9/2011	1439.02	1439.12	1439.19	1438.70	1439.14	1438.63	1439.14	1438.65	1439.06		1438.98	1438.46	1438.11	1438.43	1436.09
9/29/2011	NA	1438.48	NA	1439.12	NA	1438.43	1439.17	NA	NA	NA	1438.61	1437.56	1437.22	1438.31	1436.21
2/14/2012	NA	1438.05	NA	1439.06	NA	1438.27	1439.12	NA	NA	NA	1438.26	1437.14	1436.88	1438.21	1435.96



DRAWING FILE: J:\DRAFTING\5313-HAWK\DWG\5313-gw-contam-021412.dwg LAYOUT: gw contam PLOTTED: JUL 09, 2012 - 5:15PM PLOTTED BY: AUSTIN H

NOTE:
 BASE MAP DEVELOPED FROM A DRAWING
 TITLED "SITE LAYOUT & MONITORING WELL
 LOCATIONS" BY K. SINGH & ASSOCIATES, INC.,
 DATED 10/4/1998 AND AERIAL IMAGERY FROM
 LINCOLN COUNTY GIS.

LEGEND

0 50
 SCALE: 1" = 50'

- ESTIMATED EXTENT OF GROUNDWATER CONTAMINATION
- ABANDONED MONITORING WELL
- SOIL BORING
- MONITORING WELL
- MONITORING WELL (BY OTHERS)
- PIEZOMETER

HAWK EXPRESS
 411 NORTH 4th STREET
 TOMAHAWK, WISCONSIN 54487

FIGURE 4 : ESTIMATED EXTENT OF GROUNDWATER CONTAMINATION (02/14/12)

PROJECT No.
5313A_{uxc}

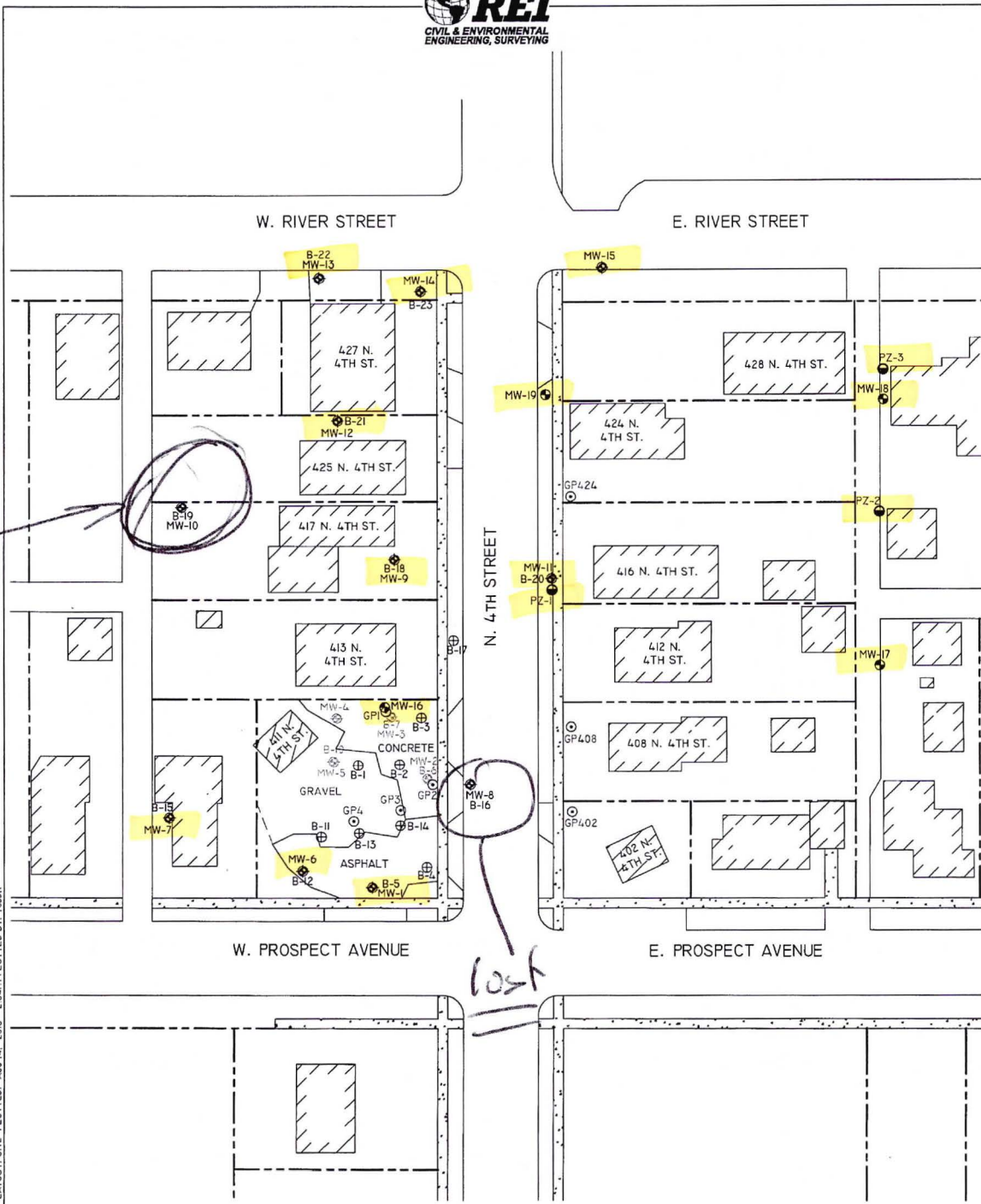
PREPARED BY:
ARH

DATE:
7/9/12

MW-12?

Letter

lost



DRAWING FILE: P:\35300-5399\533-HAWKEXP\533-SITE.DWG LAYOUT: SITE PLOTTED: AUG 14, 2013 - 2:54PM PLOTTED BY: TOSBY

NOTE:
 BASE MAP DEVELOPED FROM A DRAWING
 TITLED SITE LAYOUT & MONITORING WELL
 LOCATIONS* BY K. SINGH & ASSOCIATES, INC.,
 DATED 10/4/1998 AND AERIAL IMAGERY FROM
 LINCOLN COUNTY GIS.

LEGEND

0 50
 SCALE: 1" = 50'

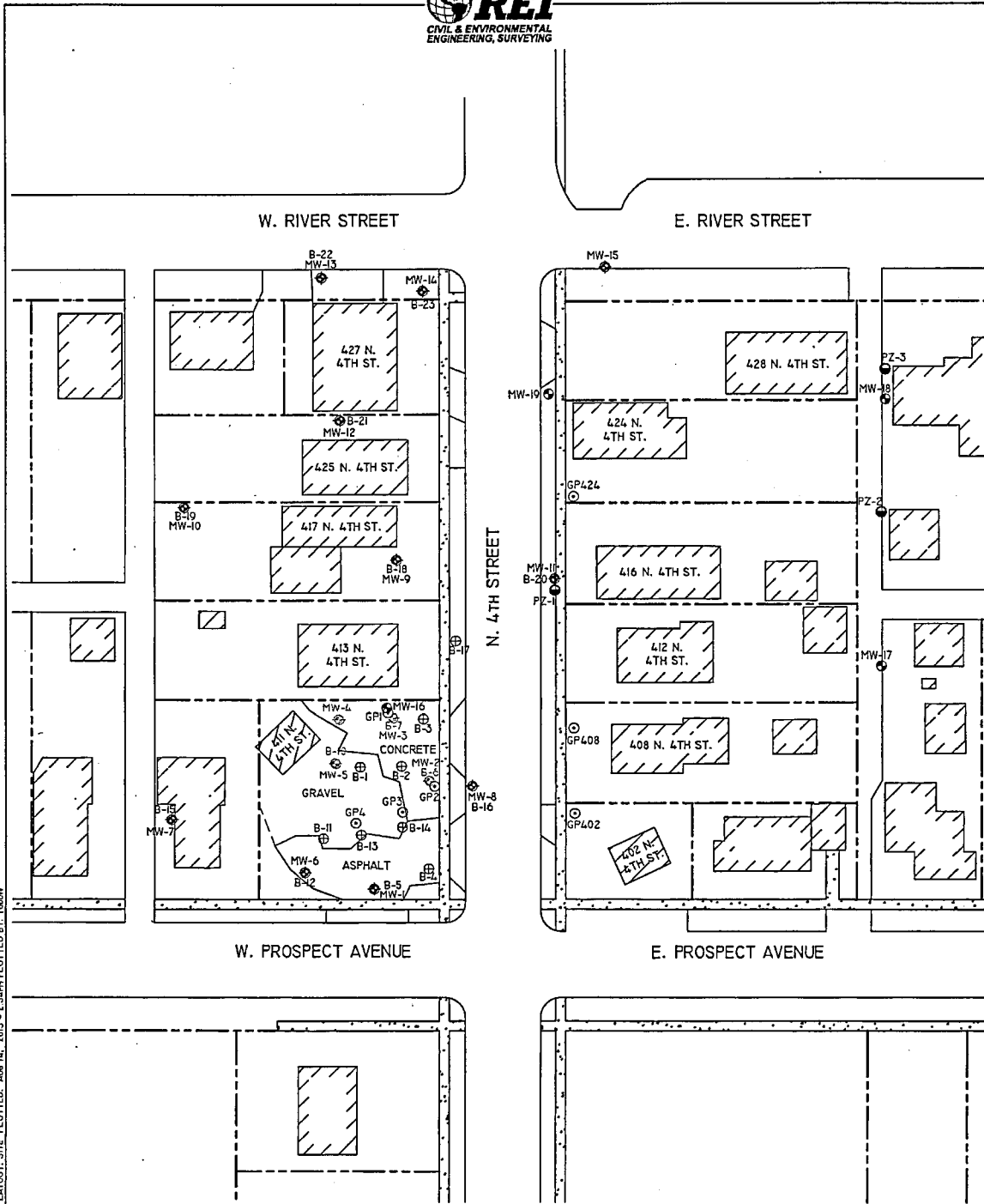
- ⊕ ABANDONED MONITORING WELL
- ⊗ SOIL BORING
- ⊙ MONITORING WELL
- ⊕ MONITORING WELL (BY OTHERS)
- PIEZOMETER
- ⊙ GEOPROBE SOIL BORING

REI Engineering, INC.

HAWK EXPRESS
 411 NORTH 4th STREET
 TOMAHAWK, WISCONSIN 54487

FIGURE 2 : SITE MAP

PROJECT No. 5313axuc	PREPARED BY: tow	DATE: 8/14/2013
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DRAWING FILE: P:\5300-539\5303-Hawk\Drawings\5313-SITE.DWG LAYOUT: SITE PLOTTED: AUG 14, 2013 - 2:54PM PLOTTED BY: TONY

NOTE:
 BASE MAP DEVELOPED FROM A DRAWING
 TITLED "SITE LAYOUT & MONITORING WELL"
 LOCATIONS* BY K. SINGH & ASSOCIATES, INC.,
 DATED 10/4/1998 AND AERIAL IMAGERY FROM
 LINCOLN COUNTY GIS.

LEGEND

0 50
 SCALE: 1" = 50'

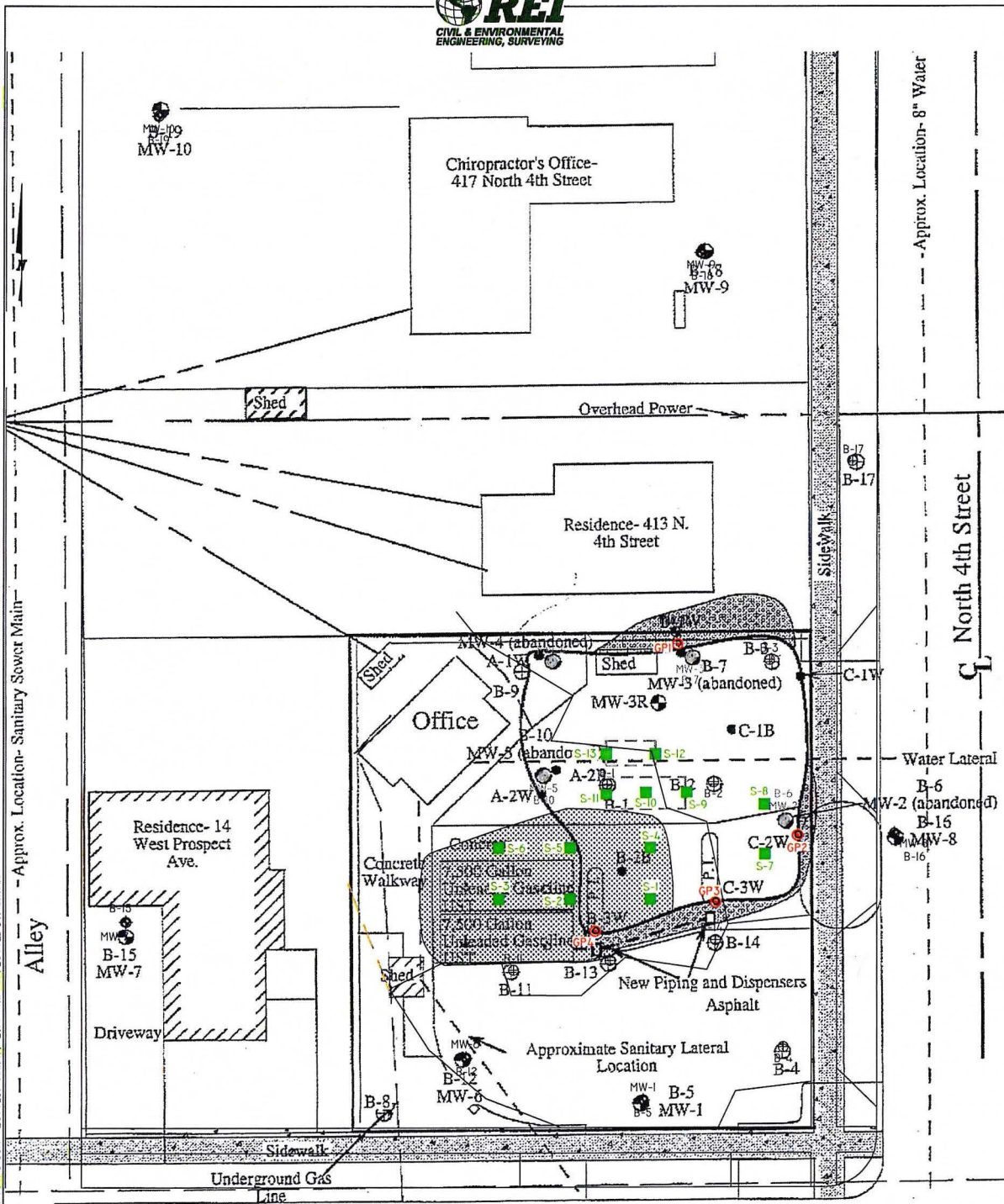
- ⊗ ABANDONED MONITORING WELL
- ⊕ SOIL BORING
- ⊙ MONITORING WELL
- ⊕ MONITORING WELL (BY OTHERS)
- PIEZOMETER
- GEOPROBE SOIL BORING

HAWK EXPRESS
 411 NORTH 4th STREET
 TOMAHAWK, WISCONSIN 54487

FIGURE 2 : SITE MAP

PROJECT No. 5313axuc	PREPARED BY: taw	DATE: 8/14/2013
-------------------------	---------------------	--------------------

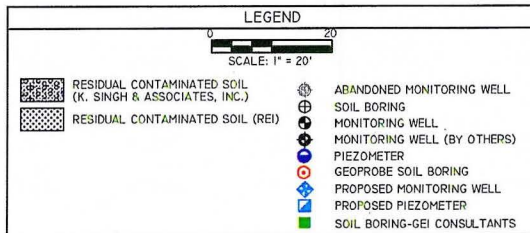
REI Engineering, INC.



West Prospect Avenue

(15" Sanitary Sewer Line Runs Beneath Center Line)
Midtown Auto Repair- South of Prospect Ave.

NOTE:
BASE MAP DEVELOPED FROM A DRAWING TITLED "SITE LAYOUT & MONITORING WELL LOCATIONS" BY K. SINGH & ASSOCIATES, INC., DATED 10/14/1998. ADDITIONAL SOIL BORINGS DEVELOPED FROM A DRAWING TITLED "SOIL SAMPLE LOCATION DIAGRAM" BY GEI CONSULTANTS, DATED JUNE 2011.



REI Engineering, INC.

FIGURE 5A ESTIMATED AREA OF RESIDUAL CONTAMINATED SOIL/ TANK REMOVAL SOIL SAMPLE LOCATIONS

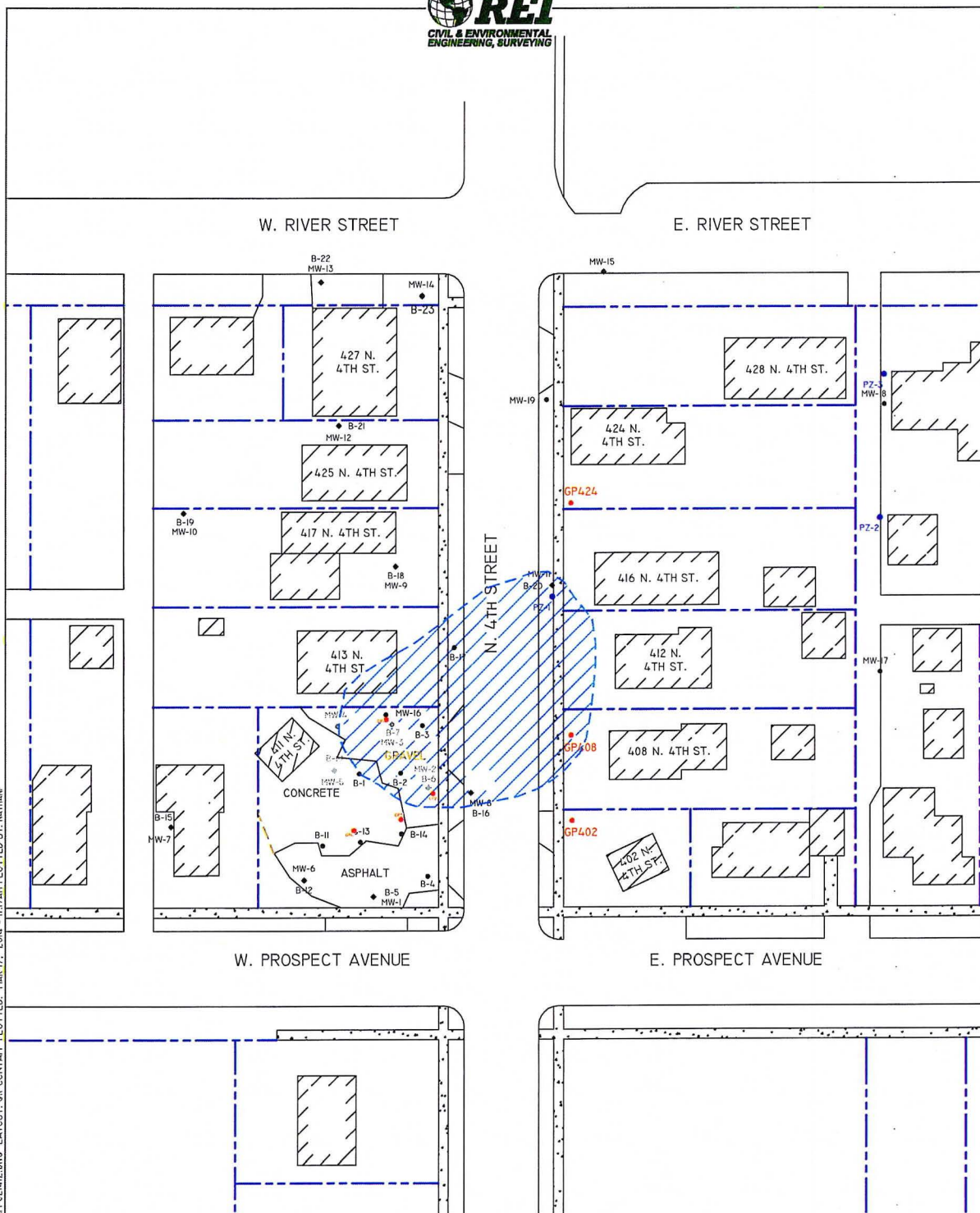
HAWK EXPRESS
411 NORTH 4th STREET
TOMAHAWK, WISCONSIN 54487

PROJECT No.
5313Axuc

PREPARED BY:
TAW

DATE:
02/26/14

DRAWING FILE: P:\5300-5300\5313-HAWK\DWG\5313-S-CONT-04.DWG LAYOUT: S-CON PLOTTED: MAR 17, 2014 - 11:44AM PLOTTED BY: NATHAN



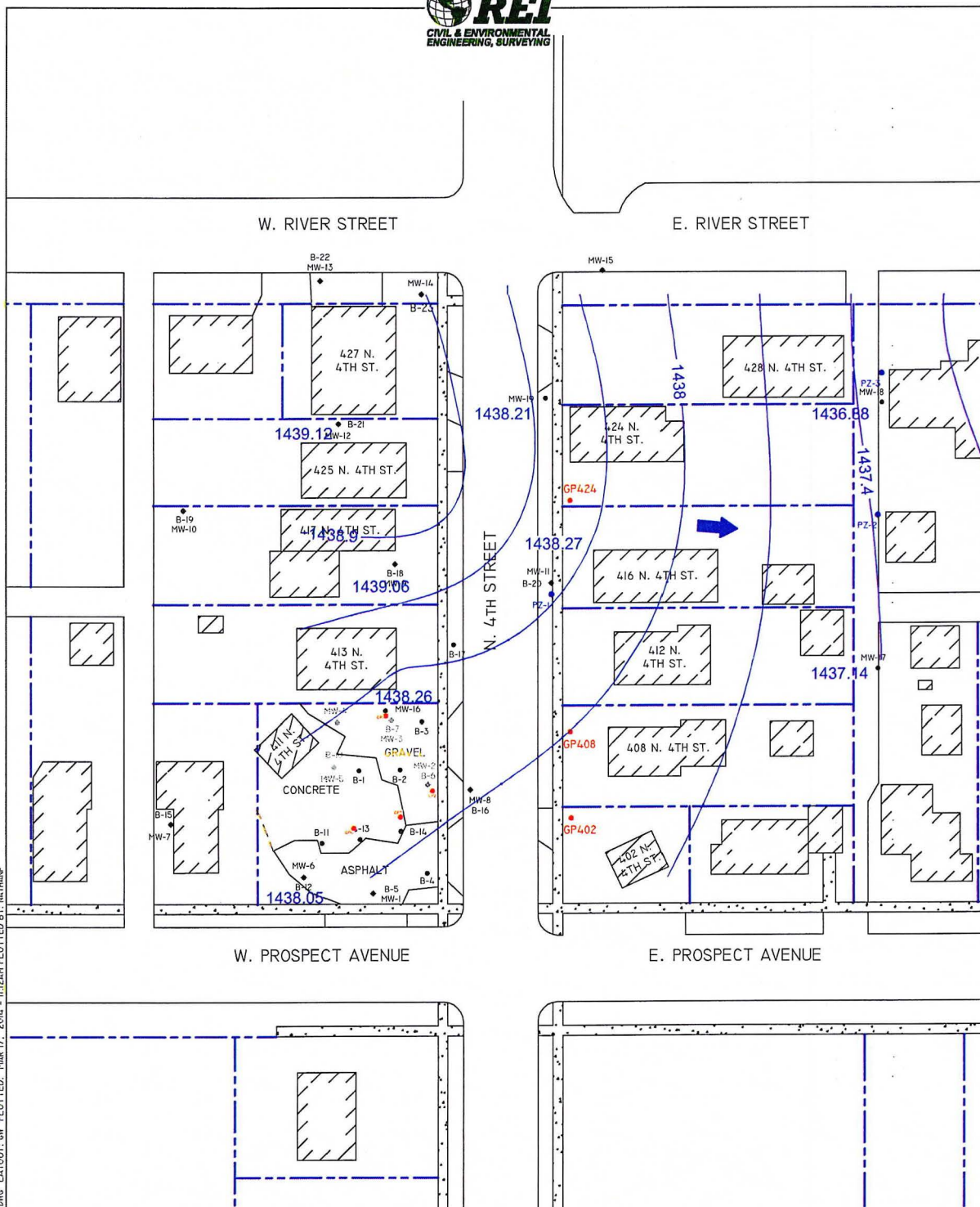
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NOTE:
 BASE MAP DEVELOPED FROM A DRAWING
 TITLED "SITE LAYOUT & MONITORING WELL
 LOCATIONS" BY K. SINGH & ASSOCIATES, INC.,
 DATED 10/4#1998 AND AERIAL IMAGERY FROM
 LINCOLN COUNTY GIS.

HAWK EXPRESS
 411 NORTH 4TH STREET
 TOMAHAWK, WISCONSIN 54487

REI Engineering, INC.
FIGURE 4 : ESTIMATED EXTENT OF GROUNDWATER CONTAMINATION (02/14/12)

PROJECT No. 5313Axuc	PREPARED BY: ARH	DATE: 7/9/12
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DRAWING FILE: P:\5300-5390\5315-HAWK.DWG; 5315-gm-02\12.DWG LAYOUT: SW PLOTTED: MAR 17, 2012 - 11:24AM PLOTTED BY: NATHANP

NOTE:
 BASE MAP DEVELOPED FROM A DRAWING
 TITLED "SITE LAYOUT & MONITORING WELL
 LOCATIONS" BY K. SINGH & ASSOCIATES, INC.,
 DATED 10/4/1998 AND AERIAL IMAGERY FROM
 LINCOLN COUNTY GIS.

LEGEND

0 50
 SCALE: 1" = 50'

- ABANDONED MONITORING WELL
- SOIL BORING
- MONITORING WELL
- MONITORING WELL (BY OTHERS)
- PIEZOMETER
- GROUNDWATER FLOW
- GROUNDWATER CONTOUR LINE
 (INTERVAL - 0.30 FT. - MSL)

REI Engineering, INC.

HAWK EXPRESS 411 NORTH 4th STREET TOMAHAWK, WISCONSIN 54487			FIGURE 3B : GROUNDWATER CONTOUR MAP (2/14/2012)		
PROJECT No. 5313Axc		PREPARED BY: ARH		DATE: 7/9/12	



DRAWING FILE: P:\5300-5399\5313-HAWK\DWG\5313-S-CONTAM GENERAL.DWG LAYOUT: S-CON PLOTTED: MAR 17, 2014 - 11:44AM PLOTTED BY: NATHANP

NOTE:
 BASE MAP DEVELOPED FROM A DRAWING TITLED "SITE LAYOUT & MONITORING WELL LOCATIONS" BY K. SINGH & ASSOCIATES, INC., DATED 10/14/1998. ADDITIONAL SOIL BORINGS DEVELOPED FROM A DRAWING TITLED "SOIL SAMPLE LOCATION DIAGRAM" BY GEI CONSULTANTS, DATED JUNE 2011.

LEGEND

0 20
 SCALE: 1" = 20'

- RESIDUAL CONTAMINATED SOIL (K. SINGH & ASSOCIATES, INC.)
- RESIDUAL CONTAMINATED SOIL (REI)
- FORMER USE
- FORMER EXCAVATION AREA

REI Engineering, INC.

HAWK EXPRESS
 411 NORTH 4th STREET
 TOMAHAWK, WISCONSIN 54487

FIGURE 5B :ESTIMATED AREA OF RESIDUAL CONTAMINATED SOIL		
PROJECT No. 5313Axc	PREPARED BY: NAP	DATE: 03/17/14



DRAWING FILE: P:\5500-5399\5313-HAWK\DWG\5313_S-CONTAM_GENERAL.DWG LAYOUT; S-CON PLOTTED: 148.17. 2014 - 11:11AM PLOTTED BY: NATIAP

W. PROSPECT AVENUE

N. 4TH STREET

NOTE:
 BASE MAP DEVELOPED FROM A DRAWING TITLED "SITE LAYOUT & MONITORING WELL LOCATIONS" BY K. SINGH & ASSOCIATES, INC., DATED 10/14/1998. ADDITIONAL SOIL BORINGS DEVELOPED FROM A DRAWING TITLED "SOIL SAMPLE LOCATION DIAGRAM" BY GEI CONSULTANTS, DATED JUNE 2011.

LEGEND

0 20'
 SCALE: 1" = 20'

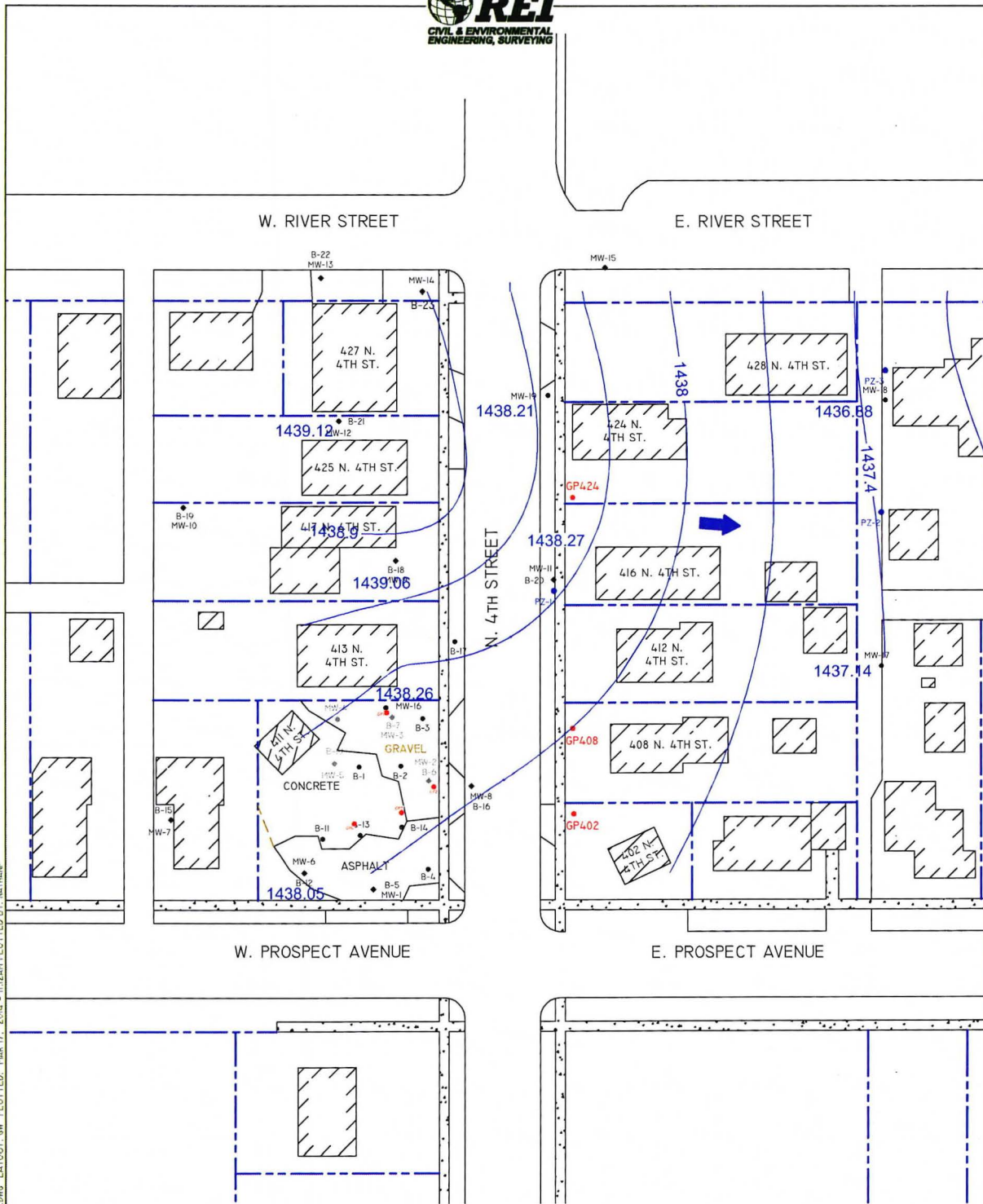
- RESIDUAL CONTAMINATED SOIL (K. SINGH & ASSOCIATES, INC.)
- RESIDUAL CONTAMINATED SOIL (REI)
- FORMER USE
- FORMER EXCAVATION AREA

REI Engineering, INC.

HAWK EXPRESS
 411 NORTH 4th STREET
 TOMAHAWK, WISCONSIN 54487

FIGURE 5B :ESTIMATED AREA OF RESIDUAL CONTAMINATED SOIL

PROJECT No. 5313Axuc	PREPARED BY: NAP	DATE: 03/17/14
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DRAWING FILE: P:\5300-5399\5313-HAWK\DWG\5313-cw-02\12.dwg LAYOUT: gw FLOTTED: 17:20:14 - 11/12/11 FLOTTED BY: KSHARP

NOTE:
 BASE MAP DEVELOPED FROM A DRAWING
 TITLED 'SITE LAYOUT & MONITORING WELL
 LOCATIONS' BY K. SINGH & ASSOCIATES, INC.,
 DATED 10/4/1998 AND AERIAL IMAGERY FROM
 LINCOLN COUNTY GIS.

HAWK EXPRESS
 411 NORTH 4th STREET
 TOMAHAWK, WISCONSIN 54487

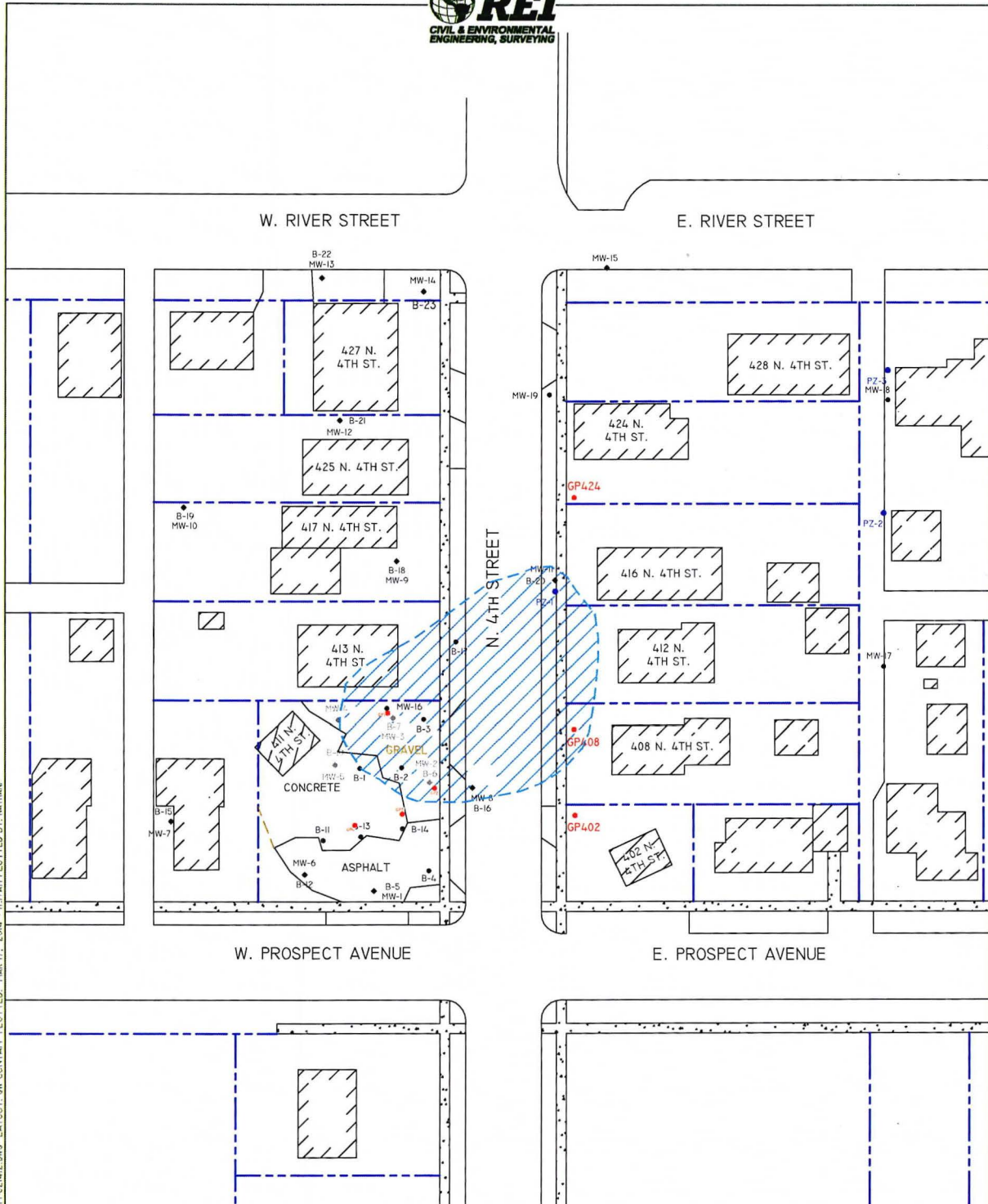
FIGURE 3B : GROUNDWATER CONTOUR MAP (2/14/2012)
 PROJECT No. 5313Axc PREPARED BY: ARH DATE: 7/9/12

LEGEND

0 50
 SCALE: 1" = 50'

- ⊕ ABANDONED MONITORING WELL
- ⊙ SOIL BORING
- ⊕ MONITORING WELL
- ⊕ MONITORING WELL (BY OTHERS)
- ⊕ PIEZOMETER
- ➡ GROUNDWATER FLOW
- GROUNDWATER CONTOUR LINE (INTERVAL - 0.30 FT. - MSL)

REI Engineering, INC.



DRAWING FILE: P:\5200-5300\5315-HAWK\DWG\5315-CW-CONTAM-1021412.DWG LAYOUT.GW CONTAM PLOTTED: MAR 17, 2014 - 11:27AM PLOTTED BY: HATHAP

NOTE:
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 TITLED "SITE LAYOUT & MONITORING WELL
 LOCATIONS" BY K. SINGH & ASSOCIATES, INC.,
 DATED 10/4/1998 AND AERIAL IMAGERY FROM
 LINCOLN COUNTY GIS.

LEGEND

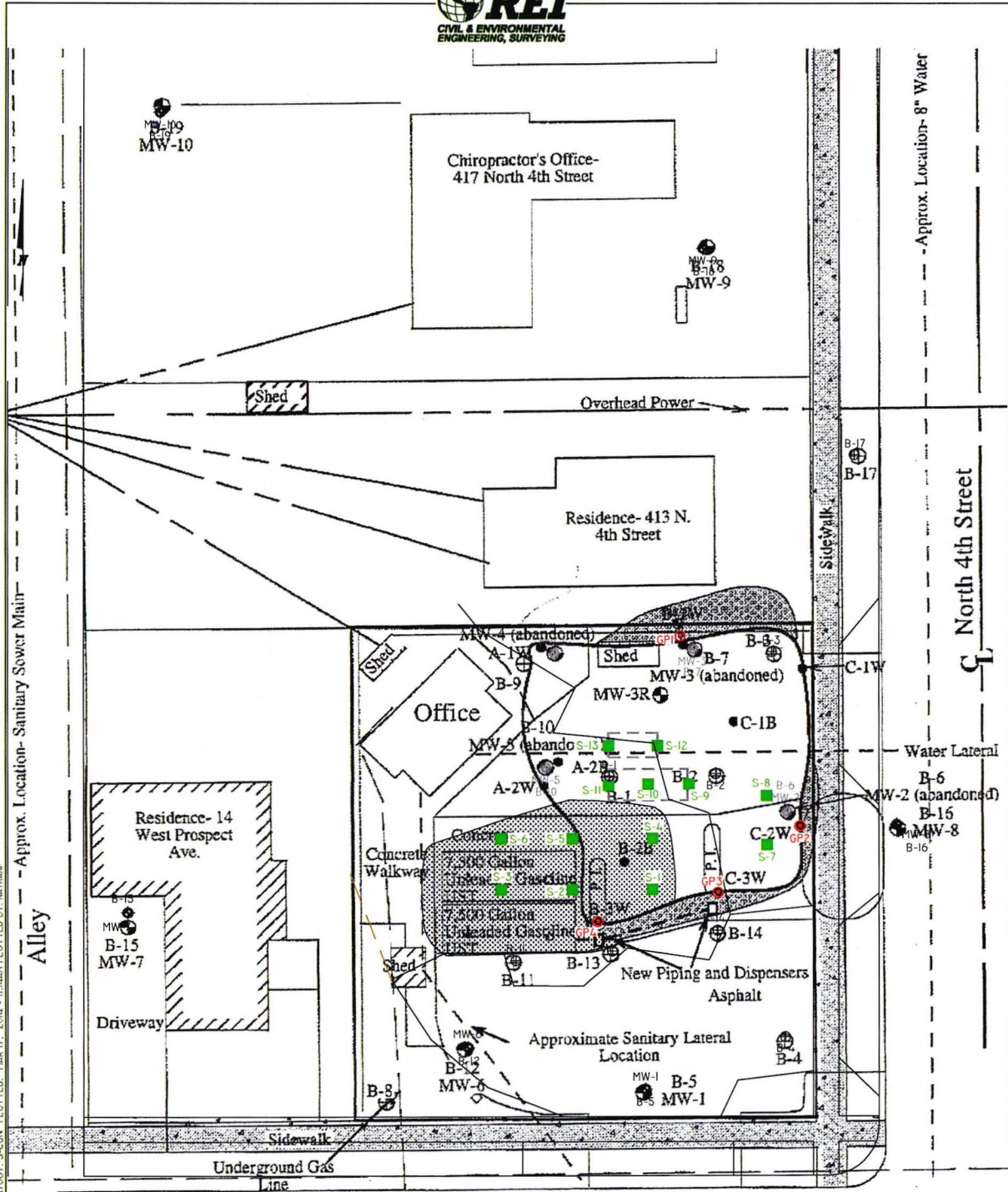
0 50
 SCALE: 1" = 50'

- ESTIMATED EXTENT OF GROUNDWATER CONTAMINATION
- ABANDONED MONITORING WELL
- SOIL BORING
- MONITORING WELL
- MONITORING WELL (BY OTHERS)
- PIEZOMETER

REI Engineering, INC.

HAWK EXPRESS
 411 NORTH 4th STREET
 TOMAHAWK, WISCONSIN 54487

FIGURE 4 : ESTIMATED EXTENT OF GROUNDWATER CONTAMINATION (02/14/12)		
PROJECT No. 5313Axuc	PREPARED BY: ARH	DATE: 7/9/12



DRAWING FILE: P:\5500-5399\535-HAWK\DWG\535-S-CONTAM.DWG LAYOUT; S-CON; PLOTTED: MAR 17, 2014 11:44AM PLOTTED BY: NATIARAH

West Prospect Avenue

(15" Sanitary Sewer Line Runs Beneath Center Line)
 Midtown Auto Repair- South of Prospect Ave.

NOTE:
 BASE MAP DEVELOPED FROM A DRAWING TITLED "SITE LAYOUT & MONITORING WELL LOCATIONS" BY K. SINGH & ASSOCIATES, INC., DATED 10/14/1998. ADDITIONAL SOIL BORINGS DEVELOPED FROM A DRAWING TITLED "SOIL SAMPLE LOCATION DIAGRAM" BY GEI CONSULTANTS, DATED JUNE 2011.

LEGEND

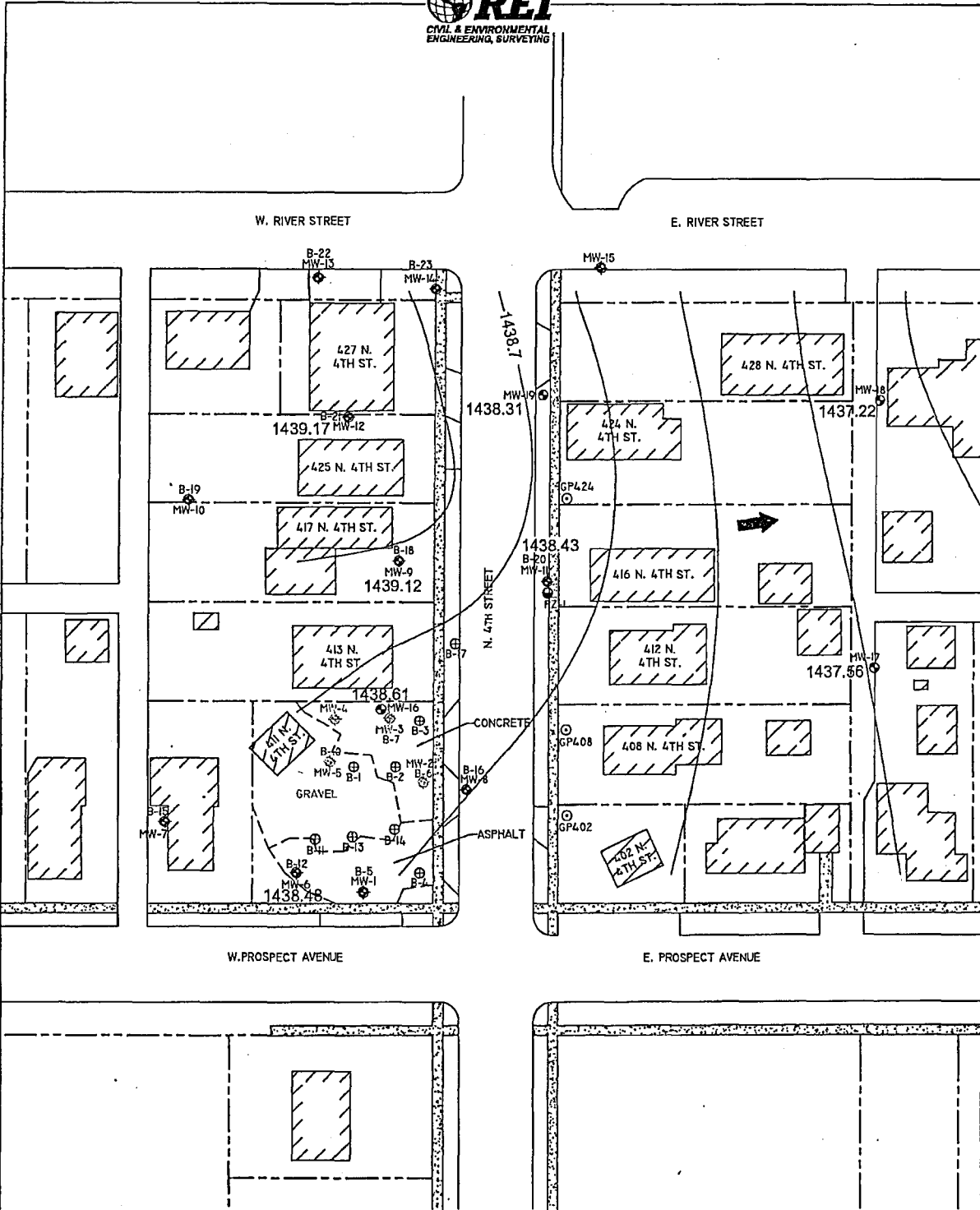
0 20
 SCALE: 1" = 20'

	RESIDUAL CONTAMINATED SOIL (K. SINGH & ASSOCIATES, INC.)		ABANDONED MONITORING WELL
	RESIDUAL CONTAMINATED SOIL (REI)		SOIL BORING
			MONITORING WELL
			MONITORING WELL (BY OTHERS)
			PIEZOMETER
			GEOPROBE SOIL BORING
			PROPOSED MONITORING WELL
			PROPOSED PIEZOMETER
			SOIL BORING-GEI CONSULTANTS

REI Engineering, INC.

HAWK EXPRESS
 411 NORTH 4th STREET
 TOMAHAWK, WISCONSIN 54487

FIGURE 5A : ESTIMATED AREA OF RESIDUAL CONTAMINATED SOIL/ TANK REMOVAL SOIL SAMPLE LOCATIONS		
PROJECT No. 5313Axuc	PREPARED BY: TAW	DATE: 02/26/14



DRAWING FILE: J:\DRAWING\5313-HAWK\5313-gw-092911.dwg LAYOUT: gw PLOTTED: JAL 09, 2012 - 3:00PM PLOTTED BY: AUSTIN

NOTE:
 BASE MAP DEVELOPED FROM A DRAWING
 TITLED "SITE LAYOUT & MONITORING WELL
 LOCATIONS" BY K. SINGH & ASSOCIATES, INC.,
 DATED 10/4/1998 AND AERIAL IMAGERY FROM
 LINCOLN COUNTY GIS.

LEGEND

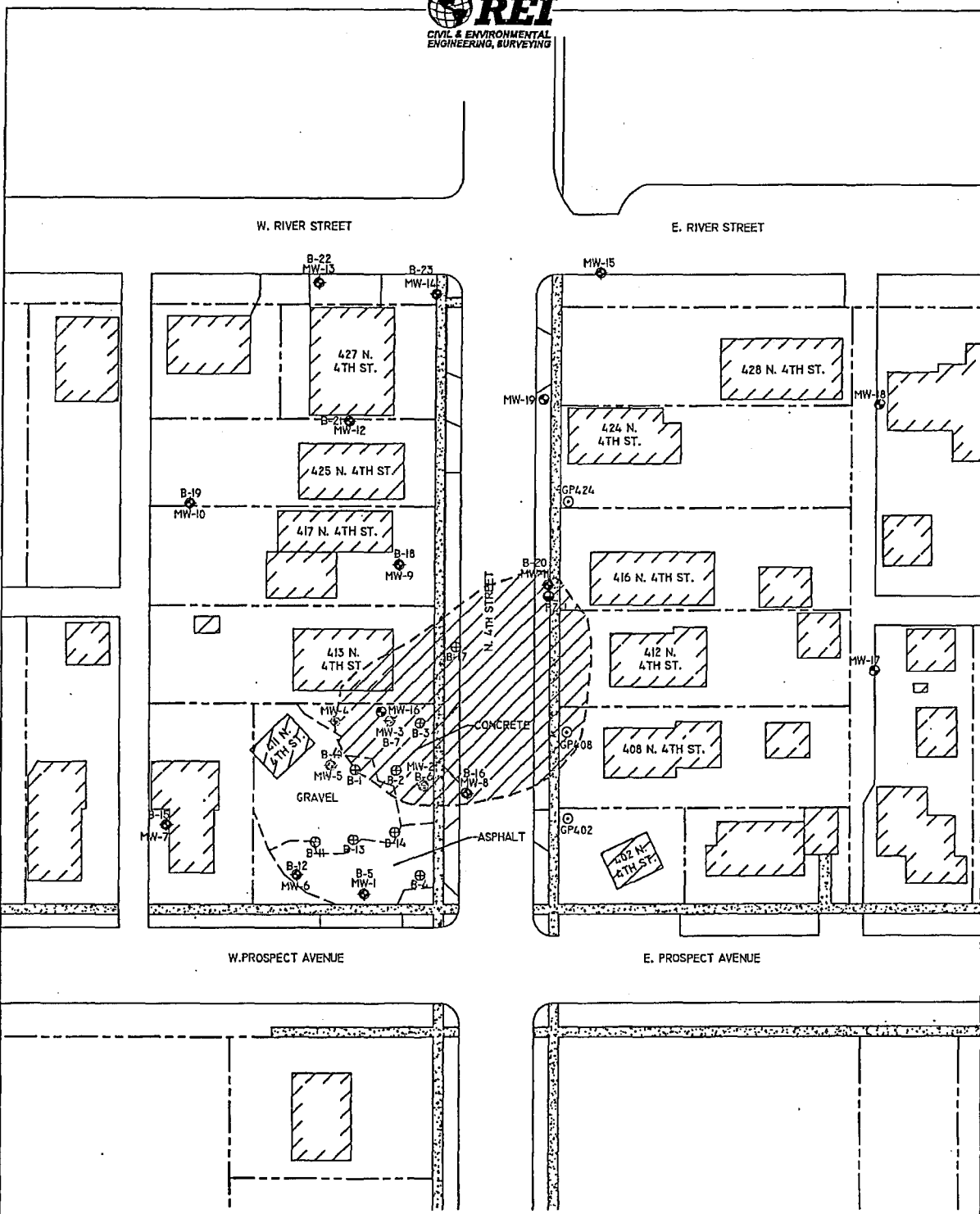
0 50
 SCALE: 1" = 80'

- ABANDONED MONITORING WELL
- SOIL BORING
- MONITORING WELL
- MONITORING WELL (BY OTHERS)
- PIEZOMETER
- GROUNDWATER FLOW
- GROUNDWATER CONTOUR LINE
(INTERVAL - 0.30 FT. - MSL)

REI Engineering, Inc.

FIGURE 3A : GROUNDWATER CONTOUR MAP (9/29/2011)		
PROJECT No. 5313Axuc	PREPARED BY: ARH	DATE: 7/9/12

HAWK EXPRESS
 411 NORTH 4th STREET
 TOMAHAWK, WISCONSIN 54487



DRAWING FILE: C:\DRAWINGS\GIS\HAWK\UNW\SSIS-08-CONTAM-021412.DWG LAYOUT: 08-CONTAM_PLOTTED: JUL 09, 2012 3:10PM PLOTTED BY: AUSTINN

NOTE:
 BASE MAP DEVELOPED FROM A DRAWING
 TITLED "SITE LAYOUT & MONITORING WELL
 LOCATIONS" BY K. SINGH & ASSOCIATES, INC.,
 DATED 10/6/1998 AND AERIAL IMAGERY FROM
 LINCOLN COUNTY GIS.

LEGEND

0 50
 SCALE: 1" = 50'

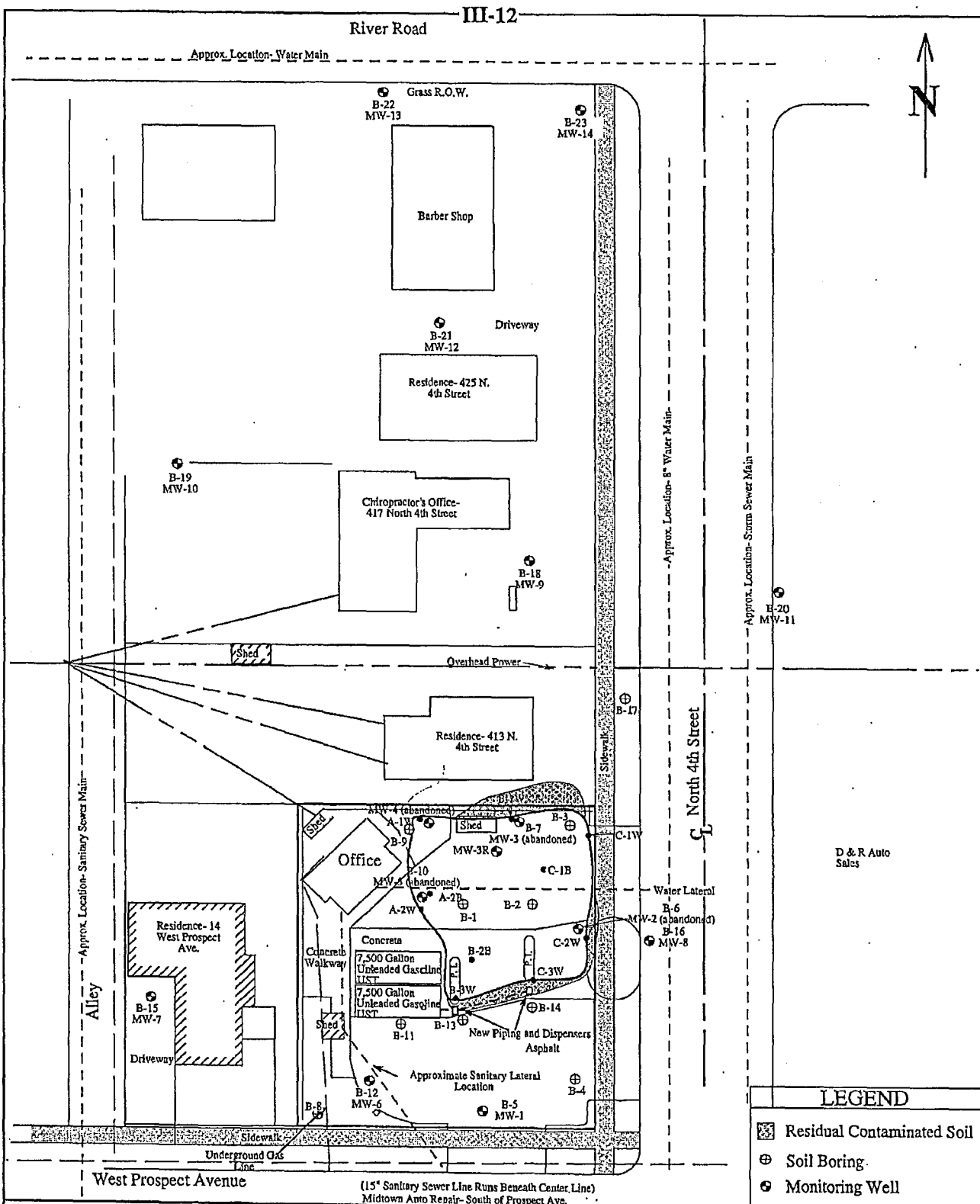
- ESTIMATED EXTENT OF GROUNDWATER CONTAMINATION
- ABANDONED MONITORING WELL
- SOIL BORING
- MONITORING WELL
- MONITORING WELL (BY OTHERS)
- PIEZOMETER

REI Engineering, INC.

FIGURE 4 : ESTIMATED EXTENT OF GROUNDWATER CONTAMINATION (02/14/12)

HAWK EXPRESS
 411 NORTH 4th STREET
 TOMAHAWK, WISCONSIN 54487

PROJECT No. 5313Auc	PREPARED BY: ARH	DATE: 7/9/12
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LEGEND	
	Residual Contaminated Soil
	Soil Boring
	Monitoring Well

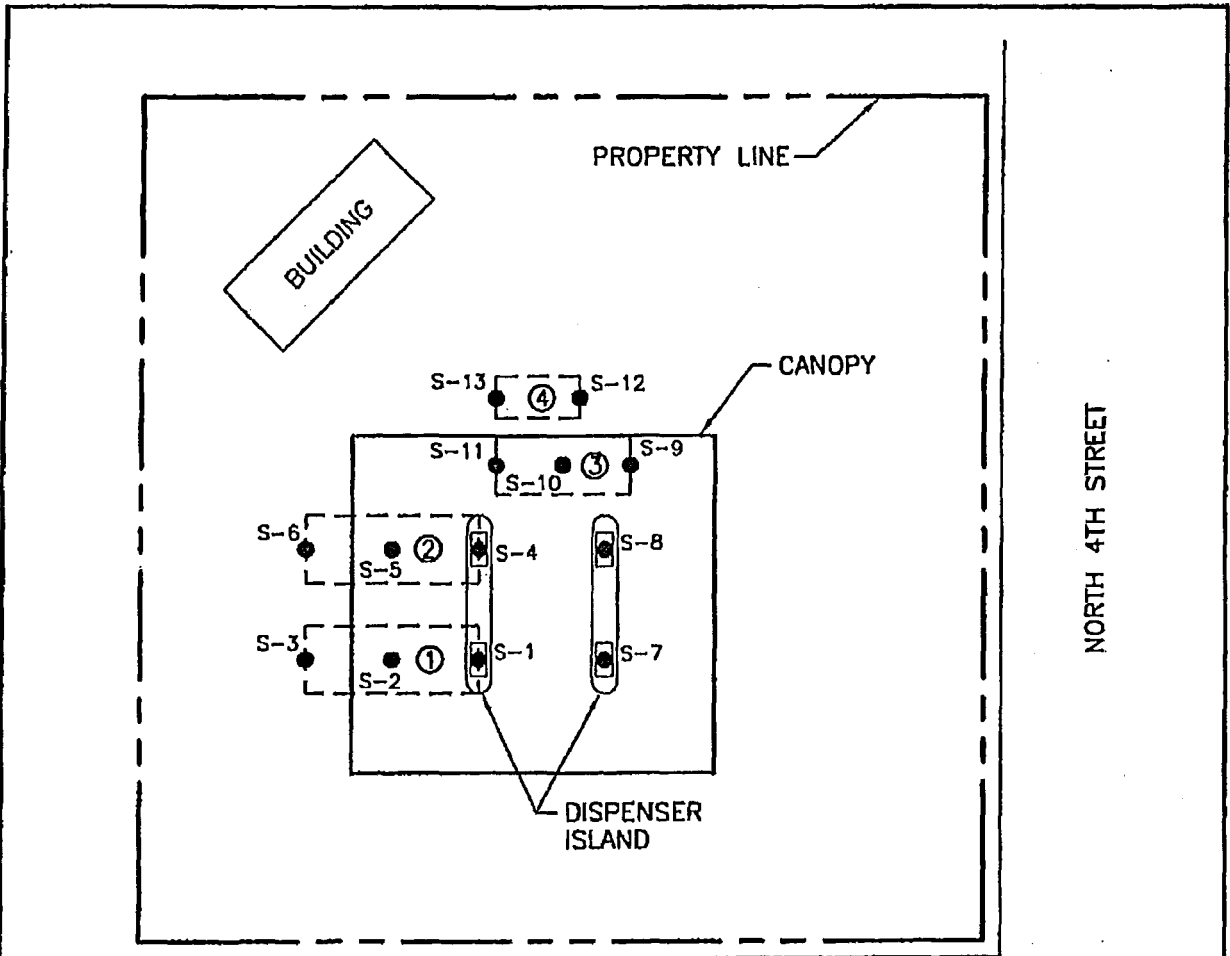
OWNER
Fasgas, Inc.

Project Location
Tomahawk Clark Station
411 North 4th Street
Tomahawk, WI 54487

ENGINEER
K. SINGH & ASSOCIATES, INC.
Engineers & Environmental Management Consultants
1135 Legion Drive, Elm Grove, Wisconsin 53122
(414) 821-1171

Figure 3.6 Estimated Areas of Residual Contaminated Soil Above Site Specific Clean-up Goal







Date	Drawn by	Project No.
October 14, 1998	M.J.P.	4315
Scale	Checked by	Revisions by
	P.N.S.	



WEST PROSPECT AVENUE

NORTH 4TH STREET

LEGEND:

-  FUEL DISPENSER
-  UNDERGROUND STORAGE TANK (SEE NUMBER DESIGNATION BELOW)
-  7500-GALLON CAPACITY UST
-  4000-GALLON CAPACITY UST
-  2000-GALLON CAPACITY UST
-  SOIL SAMPLE LOCATION

RECEIVED
JUN 27 2011
ERS DIVISION



Former Hawks Express
411 North 4th Street
Tomahawk, Wisconsin

Tank System Site Assessment

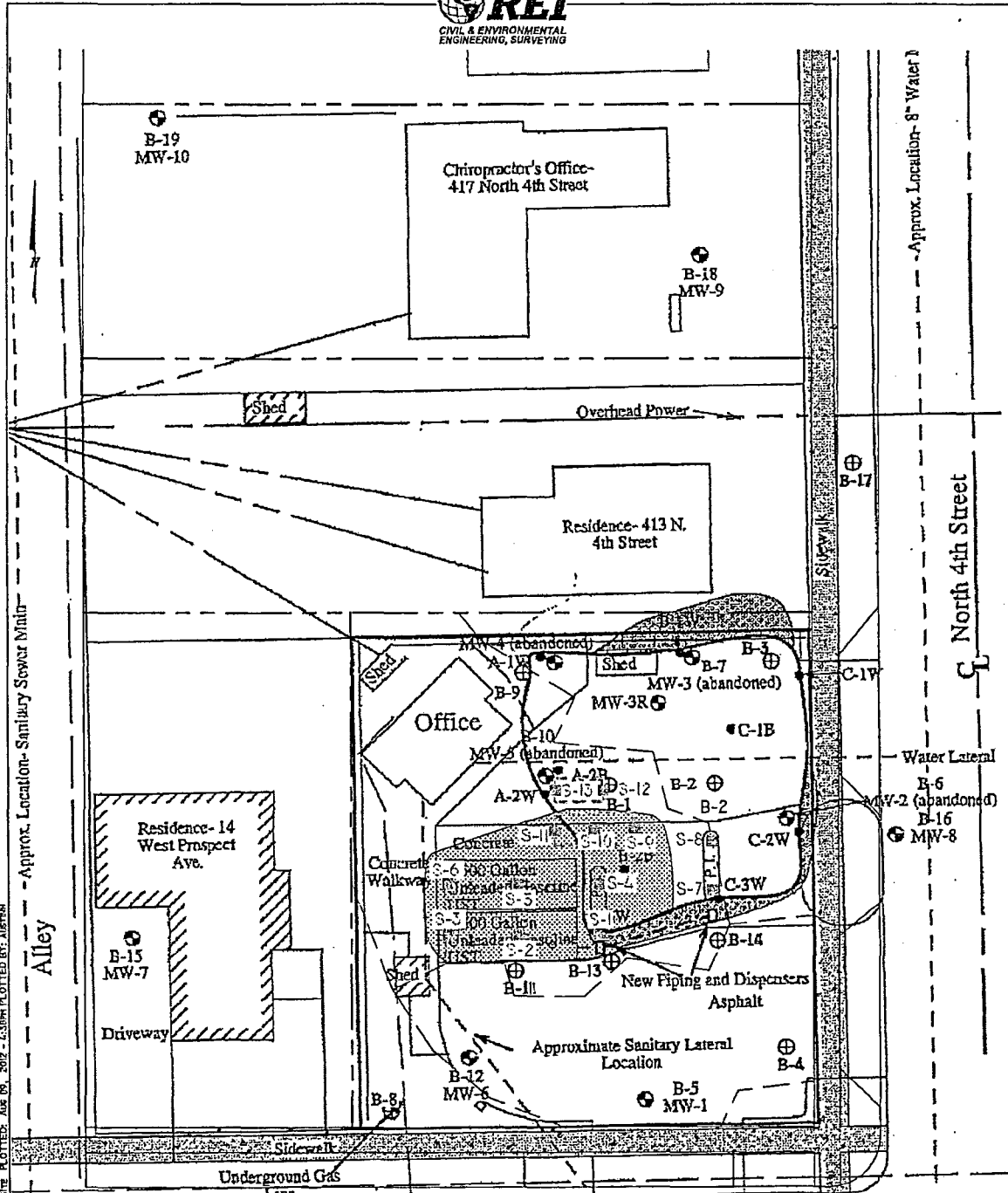


Project 112290

June 2011

SOIL SAMPLE LOCATION
DIAGRAM

Figure 1d



DRAWING FILE: J:\DRAFTING\2011-HAWK EXPRESS\315-SITE.DWG LAYOUT SITE PLOTTED: AUG 09, 2012 - 4:30PM PLOTTED BY: AUSTIN

West Prospect Avenue

(15" Sanitary Sewer Line Runs Beneath Center Line)
 Midtown Auto Repair- South of Prospect Ave.

NOTE:
 BASE MAP DEVELOPED FROM A DRAWING TITLED "SITE LAYOUT & MONITORING WELL LOCATIONS" BY K. SINGH & ASSOCIATES, INC., DATED 10/14/1998. ADDITIONAL SOIL BORINGS DEVELOPED FROM A DRAWING TITLED "SOIL SAMPLE LOCATION DIAGRAM" BY GEI CONSULTANTS, DATED JUNE 2011.

LEGEND	
	RESIDUAL CONTAMINATED SOIL (K. SINGH & ASSOCIATES, INC.)
	RESIDUAL CONTAMINATED SOIL (REI)
	ABANDONED MONITORING WELL
	SOIL BORING
	MONITORING WELL
	MONITORING WELL (BY OTHERS)
	PIEZOMETER
	GEOPROBE SOIL BORING
	PROPOSED MONITORING WELL
	PROPOSED PIEZOMETER
	SOIL BORING-GEI CONSULTANTS

HAWK EXPRESS
 411 NORTH 4th STREET
 TOMAHAWK, WISCONSIN 54487

FIGURE 5 - ESTIMATED AREA OF RESIDUAL CONTAMINATED SOIL / TASK REMOVAL SOIL SAMPLE LOCATIONS
 PROJECT No. 5313Axuc PREPARED BY: ARH DATE: 08/09/12

REI Engineering, INC.

Sager, John E - DNR

From: Sager, John E - DNR
Sent: Monday, January 09, 2017 3:14 PM
To: Robinson, John H - DNR (John.Robinson@wisconsin.gov)
Subject: FW: Former Hawk Express - Tomahawk
Attachments: 4400-286.pdf; 5313-gw-Contam.pdf; certmailreceipt.pdf; MW10wellconstruction.pdf; photo 1.JPG

Hi John,

I just got the PECFA reporting for Hawk Express and it reminded me that I still have it in my files. See the message below. There is a lost monitoring well on a non source property. Is what REI provided adequate for closure or should they resend the letter.

Thanks.

We are committed to service excellence.

Visit our survey at <http://dnr.wi.gov/customersurvey> to evaluate how I did.

John Sager

Phone: (715) 392-7822

John.sager@wisconsin.gov

From: Sager, John E - DNR
Sent: Wednesday, January 27, 2016 10:20 AM
To: Robinson, John H - DNR (John.Robinson@wisconsin.gov)
Subject: FW: Former Hawk Express - Tomahawk

Hi John,

For final closure of the Clark Station (aka Hawk Express) site REI had to send notification of an un-abandoned well to an adjacent property owner. REI did not keep a copy of the signed letter but they do have an electronic copy and a copy of the certified mail receipt. Is this adequate or do they need to re-send the letter.

Thanks.

We are committed to service excellence.

Visit our survey at <http://dnr.wi.gov/customersurvey> to evaluate how I did.

John Sager

Phone: (715) 392-7822

John.sager@wisconsin.gov

From: Ken Lassa [<mailto:klassa@reiengineering.com>]
Sent: Tuesday, January 26, 2016 14:48
To: Sager, John E - DNR
Subject: Former Hawk Express - Tomahawk

John,



Transportation • Municipal • Site Development • GPS
Remediation • Environmental Assessments • Emergency Response • Safety

July 10, 2012

Property Owner
416 N. 4th Street
Tomahawk, WI 54487

Subject: Former Hawk Express (Former Clark Oil #1302)
411 N. 4th Street
Tomahawk, WI
WDNR BRRTS #03-35-197014

To Whom It May Concern,

This letter is to inform you that the above referenced site is being submitted for closure to the Wisconsin Department of Natural Resources (WDNR). Groundwater contamination that appears to have originated on the property located at 411 N. 4th Street has migrated onto your property at 416 N. 4th Street, Tomahawk, WI. The levels of Benzene, Total Trimethylbenzenes and Naphthalene contamination in the groundwater on your property are above the state groundwater Preventative Action Limits (PAL) found in chapter NR 140, Wisconsin Administrative Code. However, we have demonstrated that this groundwater contaminant plume is stable or receding and will naturally degrade over time. We believe that allowing natural attenuation to complete the cleanup at this site will meet the requirements for case closure that are found in chapter NR 746 and chapter SPS 346, Wisconsin Administrative Code. REI will be requesting that the Department of Natural Resources accept natural attenuation as the final remedy for this site and grant case closure. Closure means that the Department will not be requiring any further investigation or cleanup action to be taken, other than the reliance on natural attenuation.

Since the source of the groundwater contamination is not on your property, neither you nor any subsequent owner of your property will be held responsible for investigation or cleanup of this groundwater contamination, as long as you and any subsequent owners comply with the requirements of section 292.13, Wisconsin Statutes, including allowing access to your property for environmental investigation or cleanup if access is required. To obtain a copy of the Department of Natural Resources' publication #RR-589, Fact Sheet 10: Guidance for Dealing with Properties Affected by Off-Site Contamination. You may visit <http://www.dnr.wi.gov/org/aw/rr/archives/pubs/RR589.pdf>.

The Department of Natural Resources will not review my closure request for at least 30 days after the date of this letter. As an affected property owner, you have a right to contact the Department to provide any technical information that you may have that indicates that closure

Property Owner
July 10, 2012

should not be granted for this site. If you would like to submit any information to the Department of Natural Resources that is relevant to this closure request, you should mail that information to: *Brenda Halminiak, WDNR, 107 Sutliff Avenue, Rhineland, WI 54501.*

If this case is closed, all properties within the site boundaries where groundwater contamination exceeds chapter NR 140 groundwater enforcement standards will be listed on the Department of Natural Resources' geographic information system (GIS) Registry of Closed Remediation Sites. The information on the GIS Registry includes maps showing the location of properties in Wisconsin where groundwater contamination above chapter NR 140 enforcement standards was found at the time that the case was closed. This GIS Registry will be available to the general public on the Department of Natural Resources' internet web site. Please review the enclosed legal description of your property, and notify me within the next 30 days if the legal description is incorrect. Once the Department makes a decision on my closure request, it will be documented in a letter. If the Department grants closure, you may obtain a copy of this letter by requesting a copy from me, by writing to the agency address given above or by accessing the DNR GIS Registry of Closed Remediation Sites at: <http://www.dnr.wi.gov/org/aw/rr/gis/index.htm>.

A copy of the closure letter is included as part of the site file on the GIS Registry of Closed Remediation Sites. Should you or any subsequent property owner wish to construct or reconstruct a well on your property, special well construction standards may be necessary to protect the well from the residual groundwater contamination. Any well driller who proposes to construct a well on your property in the future will first need to obtain approval from a regional water supply specialist in DNR's Drinking Water and Groundwater Program. The well construction application, form 3300-254, is on the internet at <http://www.dnr.wi.gov/org/water/dwg/3300254.pdf> or may be accessed through the GIS Registry web address in the preceding paragraph.

If you need more information, you may contact me at (715) 675-9784, or: Brenda Halminiak, WDNR, 107 Sutliff Avenue, Rhineland, WI 54501 (715) 365-8959.

Sincerely,
REI Engineering, Inc.



Kenneth J. Lassa, P.S.
Environmental Scientist/Department Manager

cc: WDNR, Attn: Mr. Brenda Halminiak, 107 Sutliff Avenue, Rhineland, WI 54501

Notice: Pursuant to s. 292.12(4), Wis. Stats., written notification of parties affected by residual contamination is required. Pursuant to ch. NR 725, Wis. Adm. Code, this form is required to be completed for those sites meeting the criteria in s. NR 725.05 (see below), by a responsible party seeking case closure approval pursuant to ch. NR 726, Wis. Adm. Code or by those persons seeking a remedial action plan approval pursuant to ch. NR 722, Wis. Adm. Code, or by local government units or economic development corporations that are required to take an action pursuant to ch. NR 708, Wis. Adm. Code, when the Department of Natural Resources (DNR) determines that notification is necessary. Personally identifiable information collected will be used for program administration and may be provided to requesters to the extent required by Wisconsin's Open Records law (ss. 19.31-19.39, Wis. Stats.). (Unless otherwise noted, citations refer to Wis. Adm. Code.)

Note: A copy of each completed form must also be submitted to the WI Department of Natural Resources, in accordance with s. NR 726.09 (3), Wis. Adm. Code.

Directions:

1. Include the first page of this form, **Contact Information**, as an attachment with all notifications sent using Sections A and B. (*Filling out this page first allows for automatic entry of the contact information within the letter.*)
2. To notify affected parties about residual contamination and continuing obligations, use the appropriate section (A, B or C, beginning on page 5), based on the type of property to which the required notification is to be sent, per s. NR 725.05 and 725.07, Wis. Adm. Code:
Section A: Deeded Properties
Section B: Right-of-Way (ROW) - non-Department of Transportation
Section C: Department of Transportation (DOT) ROW
3. Select and use the applicable paragraphs, based on the types of residual contamination and continuing obligations for the specific property. For the "Residual Contamination" and "Continuing Obligations on Your Property" sections, the applicable language will appear upon selection of the checkboxes.
4. Include the information requested within each paragraph. If requesting remedial action plan approval, or if the Department has directed a local governmental unit to take an action at a site, modify the language regarding a "closure request" to reflect the appropriate situation ("remedial action plan approval" or a "liability clarification letter").
5. Once completed, print the form for mailing.
6. Under s. NR 725.07, Wis. Adm. Code, notification letters under section A and B are required to be sent via certified mail, return receipt requested, or priority mail with signature confirmation. If the notifications are sent via priority mail with signature confirmation, you may use the signature waiver option if you have reason to believe that the owner of the property or other recipient may refuse to sign for the notification.

Situations for Which Notifications are Required:

Under s. NR 725.07, Wis. Adm. Code, notification is required for the following situations:

- groundwater contamination that attains or exceeds applicable standards remains upon completion of the remedial action
- soil contamination that attains or exceeds applicable standards remains upon completion of the remedial action,
- one or more monitoring wells have not been located for abandonment (fill and seal), or
- one or more monitoring wells will be kept for future monitoring,
- a cover (which may include soil covers, pavement, engineered cover, foundations) was used to address exposure by either direct contact or the groundwater pathway,
- a structural impediment (generally a building or other type of structure) prevented completion of a site investigation or remedial action. *This may also apply to site-specific situations which prevent a complete investigation or cleanup, such as an overhead power lines. Contact the agency with administrative authority first for site-specific situations.*
- soil contamination has only been cleaned up to industrial residual contaminant levels, and the property's land use has been classified as industrial under ch. NR 720,
- (vapor) the continued operation of a vapor mitigation system is necessary in order to limit or prevent vapor intrusion. *Notification is provided to the current property owner when that person is not the responsible party conducting the cleanup, and to any other property owners when sub-slab vapor risk screening levels are exceeded, and the operation and maintenance of a vapor mitigation system is necessary in order to limit or prevent vapor intrusion.*
- (vapor) compounds of concern will continue to be used in facility operations after closure. *Notification is provided to the current owner of the source property when that person is not the responsible party*

conducting the cleanup. Because the compound of concern is still in use, complete investigation of the vapor pathway may be impracticable, and cleanup may be limited in effectiveness as well.

- (vapor) a dewatering system needs to be operated and maintained in order for the vapor mitigation system (VMS) to work effectively.

Notification is provided to the current property owner when that person is not the responsible party conducting the cleanup, and to any other property owner where a vapor mitigation system is necessary and a dewatering system is necessary to enable the vapor mitigation system to operate effectively, due to the hydrogeology. (Used in conjunction with the VMS option)

- (vapor) vapor inhalation exposure assumptions for a non-residential setting will be applied for closure. *Notification is provided to the current property owner when that person is not the responsible party conducting the cleanup, and to any other property owner where residential vapor action levels are exceeded, including at properties used for commercial or industrial purposes.*
- (vapor) contamination in soil or groundwater from volatile compounds remains after completion of the remedial action, that could lead to vapor intrusion upon new construction, reconstruction or occupation of an existing building.

This is especially important in cases where elevated residual soil concentrations or large volumes of soil contaminated with volatile compounds remain. Notification is provided to the current property owner when that person is not the responsible party conducting the cleanup, and to any other property owner where vapors may pose a health issue if buildings are to be constructed in the future, or if other land use changes or actions could result in a completed vapor pathway. This includes expansion or reconstruction of existing buildings.

The Department may also require a condition based on site-specific circumstances. In this case, consult with the project manager to determine what specific information to include in the notification of any affected property owner or right-of-way holder. *This has been used in limited situations where actions such as methane monitoring or fencing were required.*

Parties Receiving Notifications:

Under s. NR 725.05, Wis. Adm. Code, notification must be provided to:

- the owner of each property within or partially within the contaminated site or facility boundaries, other than properties owned by the responsible party,
- occupants of affected properties, as appropriate, *(consult with the project manager if you have questions)*
- the clerk of the county, town, village or city in which an affected public street or highway ROW is located, and municipal department or state agency that is responsible for the maintaining the public street or highway,
- the railroad that maintains the railroad right of way, and
- the owner of each property where a monitoring well will remain, for future abandonment or continued monitoring.

A copy of form 4400-246, Impacted Property Notification Information, is to be submitted with the case closure request. This form is a summary of the notifications sent to all property owners or occupants of affected properties and holders of affected ROWs, prior to submittal of a closure request

Note: A response to a closure request cannot be provided until at least 30 days after this notification letter has been sent. Documentation that this letter has been sent must be provided to the agency with administrative authority for an approval or decision under ch. NR 726, Wis. Adm. Code.

**Notification of Continuing Obligations
and Residual Contamination**

Form 4400-286 (10/13)

Page 3 of 10

Include this completed page as an attachment with all notifications provided under sections A and B.

Contact Information

Responsible Party: The person responsible for sending this form, and for conducting the environmental investigation and cleanup is:

Responsible Party Name Former Hawk Express

Contact Person Last Name Schlomer	First Aaron	MI	Phone Number (include area code) (715) 675-9784
Address 5207 Scott Street	City Weston	State WI	ZIP Code 54476
E-mail <u>klassa@reiengineering.com</u>			

Name of Party Receiving Notification:

Title Mr.	Last Name Rumsey	First Buddy	MI	Phone Number (include area code) (715) 453-2515
Address 417 N. 4th Street		City Tomahawk	State WI	ZIP Code 54487

Site Name and Source Property Information:

Site (Activity) Name Former Hawk Express

Address 411 N. 4th Street	City Tomahawk	State WI	ZIP Code 54487
DNR ID # (BRRTS#) 03-35-197014	(DATCP) ID # 54-48-713521		

Contacts for Questions:

If you have any questions regarding the cleanup or about this notification, please contact the Responsible Party identified above, or contact:

Environmental Consultant:

Contact Person Last Name Lassa	First Ken	MI	Phone Number (include area code) (715) 675-9784
Address 4080 N. 20th Avenue	City Wausau	State WI	ZIP Code 54401
E-mail <u>klassa@reiengineering.com</u>			

Department Contact:

To review the Department's case file, or for questions on cleanups or closure requirements, contact:

Department of: Natural Resources (DNR)

Address 1701 N. 4th St.	City Superior	State WI	ZIP Code 54880
Contact Person Last Name Sager	First John	MI	Phone Number (include area code) (715) 392-7822
E-mail (Firstname.Lastname@wisconsin.gov) <u>John.Sager@Wisconsin.gov</u>			

The affected property is:

- the source property (the source of the hazardous substance discharge), but the property is not owned by the person who conducted the cleanup (a deeded property)
- a deeded property affected by contamination from the source property
- a right-of-way (ROW)
- a Department of Transportation (DOT) ROW

List of attachments: (list all attachments to be included; include name of attachment and figure numbers)

Maps

Section A

Monitoring Well Location Map - (Filling & Sealing, Continue Sampling of Wells)

Location of Cover in relation to the extent of contamination (Maintenance of a Cover)

Section B

Monitoring Well Location Map - (Filling & Sealing, Continue Sampling of Wells)

Section C:

Groundwater Isoconcentration Map

Soil Isoconcentration Map

Maintenance plan

Section A

Maintenance of Plan - (Maintenance of a cover, Barrier, and/or Vapor Mitigation System)

Factsheets:

Section A

RR 819, Continuing Obligations for Environmental Protection

RR 671, What Landowners Should Know: Information About Using Natural Attenuation to Clean Up Contaminated Groundwater

RR 892, Vapor Intrusion: What to Expect if Vapor Intrusion from Soil and Groundwater Contamination Exist on My Property

Section B

Groundwater RR 892, Vapor Intrusion: What to Expect if Vapor Intrusion from Soil and Groundwater Contamination Exist on My Property

Section A: Deeded Property Notification: Residual Contamination and/or Continuing Obligations

KEEP THIS DOCUMENT WITH YOUR PROPERTY RECORDS

417 N. 4th Street
Tomahawk, WI, 54487

Dear Mr. Rumsey:

I am providing this letter to inform you of the location and extent of contamination remaining on your property, and of certain long-term responsibilities (continuing obligations) for which you may become responsible.

I have investigated a release of gasoline that is limited to the source property. Your property has NOT become impacted by the contamination originating

on 411 N. 4th Street, Tomahawk, WI, 54487

that has shown that contamination remains on this source property. I have conducted a cleanup, and will be requesting that the Department of Natural Resources (DNR) grant case closure. Closure means that the DNR will not be requiring any further investigation or cleanup action to be taken. However, continuing obligations may be imposed as a condition of closure approval.

You have 30 days to comment on the attached legal description of your property and on the proposed closure request:

Please review the enclosed legal description of your property, and notify Ken Lassa at 4080 N. 20th Avenue, Wausau, WI, 54401 within the next 30 days if the legal description is incorrect.

The DNR will not review my closure request for at least 30 days after the date of receipt of this letter. As an affected property owner, you have a right to contact the DNR to provide any technical information that you may have that indicates that closure should not be granted for this site. If you would like to submit any information that is relevant to this closure request, you should mail that information to the DNR contact: John Sager at 1701 N. 4th St., Superior, WI, 54880.

Your Long-Term Responsibilities as a Property Owner and Occupant:

The cleanup included

excavation of contaminated soils and monitoring of groundwater contamination.

The continuing obligations I am proposing that affect your property are listed below, under the heading **Continuing Obligations**. Under s. 292.12 (5), Wis. Stats., current and future owners and occupants of this property are responsible for complying with continuing obligations imposed as part of an approved closure.

The fact sheet "Continuing Obligations for Environmental Protection" (DNR publication RR 819) has been included with this letter, to help explain the responsibilities you may have for maintenance of a certain continuing obligation, the limits of any liability for investigation and cleanup of contamination, and how these differ. If the fact sheet is lost, you may obtain copies at <http://dnr.wi.gov/files/PDF/pubs/rr/RR819.pdf>.

Contract for responsibility for continuing obligations:

Before I request closure, I will need to inform the DNR as to whom will be responsible for the continuing obligation on your property.

Not applicable.

Under s. 292.12, Wis. Stats., the responsibility for maintaining all necessary continuing obligations for your property will fall on you or any subsequent property owner, unless another person has a legally enforceable responsibility to comply with the requirements of the final closure letter. If you need more time to finalize an agreement on the responsibility for

Not applicable.

, you may request additional time from the DNR contact identified in **Contact Information**.

(Note: Future property owners would need to negotiate a new agreement.)

Remaining Contamination:

Continuing Obligations on Your Property: As part of the cleanup, I am proposing that the following continuing obligations be used at your property, to address future exposure to residual contamination. If my closure request is approved, you will be responsible for the following continuing obligations.

To construct a new well or to reconstruct an existing well, the property owner at the time of construction or reconstruction will need to obtain prior approval from the DNR. See the paragraph **GIS Registry and Well Construction Requirements**. Typically, this results in casing off a portion of the aquifer during drilling, when needed, to protect the water supply.

Filling and Sealing Monitoring Wells:

A monitoring well or wells remain on your property. I was unable to locate these monitoring well(s) to properly fill and seal them because they were paved over, covered or removed during site development activities. When located, the remaining wells need to be filled and sealed in accordance with ch. NR 141, Wis. Adm. Code. Documentation of well filling and sealing needs to be provided to the DNR on form 3300-005, at <http://dnr.wi.gov/topic/DrinkingWater/documents/forms/3300005.pdf>.

A map, Figure 4 _____, is attached, which shows the location of well # MW10 .

Maintenance and Audits of Continuing Obligations:

If compliance with a maintenance plan is required as part of a continuing obligation, an inspection log will need to be filled out periodically, and kept available for inspection by the DNR.

Submittal of the inspection log may also be required. You will also need to notify any future owners or occupants of this property of the need to maintain the continuing obligation and to document that maintenance in the inspection log.

Periodic audits of these continuing obligations may be conducted by the DNR, to ensure that potential exposure to residual contamination is being addressed. The DNR provides notification before conducting site visits as part of the audit.

GIS Registry and Well Construction Requirements:

If this site is closed, all properties within the site boundaries where contamination remains, or where a continuing obligation is applied, will be listed on the Bureau for Remediation and Redevelopment Tracking System (BRRTS) on the Web, at <http://dnr.wi.gov/topic/Brownfields/clean.html>. Inclusion on this database provides public notice of remaining contamination and of any continuing obligations. Documents can be viewed on this database, and include final closure letters, site maps and any applicable maintenance plans. The location of the site may also be viewed on the Remediation and Redevelopment Sites Map (RR Sites Map), on the "GIS Registry" layer, at the same internet address listed above.

DNR approval prior to well construction or reconstruction is required for all sites included in the GIS Registry, in accordance with s. NR 812.09 (4) (w), Wis. Adm. Code. This requirement applies to private drinking water wells and high capacity wells. Special well construction standards may be necessary to protect the well from the remaining contamination. Well drillers need to first obtain approval from a regional water supply specialist in DNR's Drinking Water and Groundwater Program. The well construction application, form 3300-254, is on the internet at <http://dnr.wi.gov/topic/wells/documents/3300254.pdf>.

Site Closure:

If the DNR grants closure, you will receive a letter which defines the specific continuing obligations on your property. The status of the site (open or closed) may also be checked by searching BRRTS on the Web. You may view or download a copy of the closure letter (sent to the responsible party) from BRRTS on the Web. You may also request a copy of the closure letter from the **responsible party** or by writing to the DNR contact, at John Sager, John.Sager@Wisconsin.gov, (715) 392-7822 . The final closure letter will contain a description of the continuing obligation, any prohibitions on activities and will include any applicable maintenance plan.

If you have any questions regarding this notification, I can be reached at (715) 675-9784, klassa@reiengineering.com.

<i>Signature of responsible party/environmental consultant for the responsible party</i>	Date Signed
--	-------------

Attachment: Contact Information

Legal Description for each Parcel:

Checklist of Documents to Submit

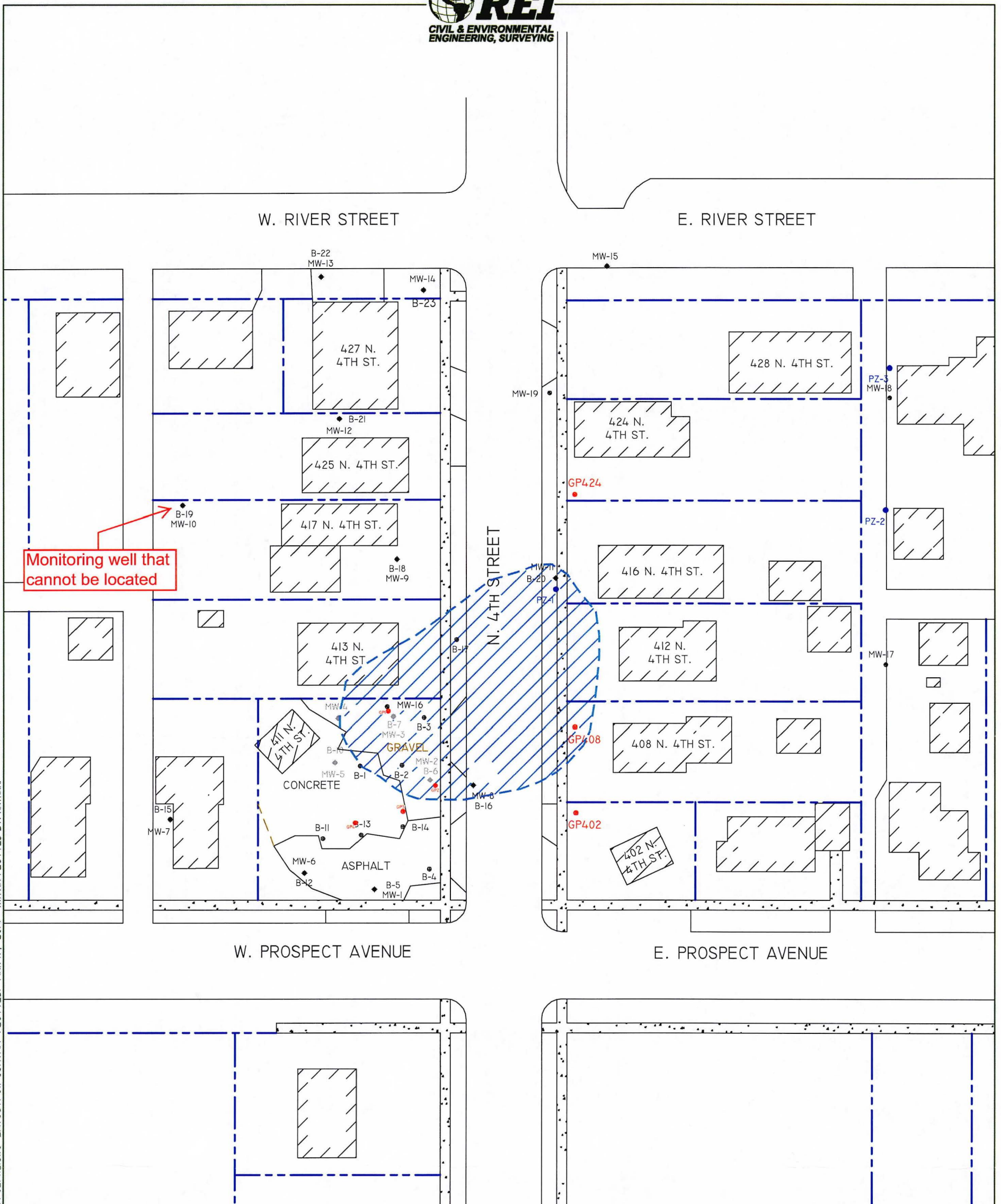
Maps:

Filling & sealing - Well Location Map

A map, Figure 4

Factsheets:

RR 819, Continuing Obligations for Environmental Protection



LEGEND

0 50
SCALE: 1" = 50'

- ESTIMATED EXTENT OF GROUNDWATER CONTAMINATION
- ABANDONED MONITORING WELL
- SOIL BORING
- MONITORING WELL
- MONITORING WELL (BY OTHERS)
- PIEZOMETER

DRAWING FILE: P:\5300-5399\5313-HAWK\DWG\5313-GW-CONTAM-02\412.DWG LAYOUT: GW CONTAM PLOTTED: MAR 17, 2014 - 11:17AM PLOTTED BY: NATHANP

NOTE:
BASE MAP DEVELOPED FROM A DRAWING
TITLED "SITE LAYOUT & MONITORING WELL
LOCATIONS" BY K. SINGH & ASSOCIATES, INC.,
DATED 10/4/1998 AND AERIAL IMAGERY FROM
LINCOLN COUNTY GIS.

HAWK EXPRESS
411 NORTH 4TH STREET
TOMAHAWK, WISCONSIN 54487

FIGURE 4 : ESTIMATED EXTENT OF GROUNDWATER CONTAMINATION (02/14/12)

PROJECT No.
5313Axuc

PREPARED BY:
ARH

DATE:
7/9/12

REI Engineering, INC.

Section B: ROW Notification: Residual Contamination and/or Continuing Obligations - Non-DOT ROWs

KEEP THIS DOCUMENT WITH YOUR PROPERTY RECORDS

417 N. 4th Street
Tomahawk, WI, 54487

Dear Mr. Rumsey:

I am providing this notification to inform you of the location and extent of contamination remaining in a right-of-way for which you are responsible, and of certain long-term responsibilities (continuing obligations) for which [Name] may become responsible. I have conducted an investigation of a release of [describe type of release] on 411 N. 4th Street, Tomahawk, WI, 54487 that has shown that contamination the right-of-way for which is responsible.

I have conducted a cleanup, and will be requesting that the Department of Natural Resources (DNR) grant case closure. Closure means that the DNR will not be requiring any further investigation or cleanup action to be taken. However, continuing obligations may be imposed as a condition of closure approval.

You have 30 days to comment on the proposed closure request:

The DNR will not review my closure request for at least 30 days after the date of this letter. As an affected right-of-way holder, you have a right to contact the DNR to provide any technical information that you may have that indicates that closure should not be granted for this site. If you would like to submit any information to the DNR that is relevant to this closure request, you should mail that information to the DNR contact: John Sager at 1701 N. 4th St., Superior, WI, 54880 .

Residual Contamination:

Continuing Obligations on the Right-of-Way (ROW) : As part of the cleanup, I am proposing that the following continuing obligations be used at the affected ROW. If my closure request is approved, you will be responsible for the following continuing obligations:

GIS Registry and Well Construction Requirements:

If this site is closed, all properties within the site boundaries where contamination remains, or where a continuing obligation is applied, will be listed on the Bureau for Remediation and Redevelopment Tracking System (BRRTS) on the Web, at <http://dnr.wi.gov/topic/Brownfields/clean.html>. Inclusion on this database provides public notice of remaining contamination and of any continuing obligations. Documents can be viewed on this database, and include final closure letters, site maps and any applicable maintenance plans. The location of the site may also be viewed on the Remediation and Redevelopment Sites Map (RR Sites Map), on the "GIS Registry" layer, at the same internet address listed above.

DNR approval prior to well construction or reconstruction is required for all sites included in the GIS Registry, in accordance with s. NR 812.09 (4) (w), Wis. Adm. Code. This requirement applies to private drinking water wells and high capacity wells. Special well construction standards may be necessary to protect the well from the remaining contamination. Well drillers need to first obtain approval from a regional water supply specialist in DNR's Drinking Water and Groundwater Program. The well construction application, form 3300-254, is on the internet at <http://dnr.wi.gov/topic/wells/documents/3300254.pdf>.

Site Closure:

Once the DNR grants closure, site information, including a copy of the final closure letter, site maps and any applicable maintenance plan, may be found by using BRRTS on the Web. The status of the site (open or closed) may also be checked by searching BRRTS on the Web.

You may also request a copy of the final closure letter from the **responsible party** or by writing to the DNR contact, at John Sager, John.Sager@Wisconsin.gov, (715) 392-7822 . The final closure letter will contain a description of the continuing obligation, any prohibitions on activities and will include any applicable maintenance plan.

If you have any questions regarding this notification, I can be reached at (715) 675-9784, klassa@reiengineering.com.

<i>Signature of responsible party/environmental consultant for the responsible party</i>	Date Signed
--	-------------

Attachment: Contact Information

Checklist of Documents to Submit

Factsheets:

- RR 819, Continuing Obligations for Environmental Protection

Section C: Notification to the Department of Transportation of Contamination Within the Right-of-Way

Instructions: Fill out the requested information. Submit via e-mail to DOTHazmatUnit@dot.wi.gov. Include "Notification of Contamination" in the subject line of the e-mail. The DOT sends a receipt electronically (e-mail). *No factsheets needed.*

You may also submit the information by certified mail, return receipt requested, or by standard mail to:

WisDOT- Bureau of Technical Services - ESS
ATTN: Hazardous Materials Specialist
4802 Sheboygan Ave Rm 451
PO Box 7965
Madison, WI 53707-7965

Notification of Contamination within a DOT Right-of-Way

Site Name: _____

County:		Highway:			
Address			City	State	ZIP Code
BRRTS Number:	PECFA Number:	FID Number:			

Owner Information

Last Name	First	MI
Address		City
		State
		ZIP Code

Consultant Information

Consulting Firm: _____

Consultant Contact: Last Name		First	MI
Address		City	State
		ZIP Code	
Phone Number	Fax Number		

E-mail _____

Contamination Information

Soil contamination? Yes No

Groundwater contamination? Yes No

Describe the type(s) of contamination present.

Brief summary of cleanup activity:

Checklist of Documents to Submit

- Current isoconcentration map of the groundwater contaminant plume
- Current isoconcentration map of soil contamination

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Mr. Rumsey
417 N. 4th St.
Tomahawk, WI
54487

2. Article Number
(Transfer from service label)

7013 3020 0000 9492 3153

COMPLETE THIS SECTION ON DELIVERY

A. Signature
 Rumsey Thomas Agent
 Addressee

B. Received by (Printed Name) C. Date of Delivery
Rumsey Thomas 10-30-11

D. Is delivery address different from item 1? Yes
If YES, enter delivery address below: No

3. Service Type
 Certified Mail® Priority Mail Express™
 Registered Return Receipt for Merchandise
 Insured Mail Collect on Delivery

4. Restricted Delivery? (Extra Fee) Yes



June 29, 2018

JOSHUA J BIXBY & JENNA M CARR
413 N 4TH ST
TOMAHAWK WI 54487

Subject: Notice of Completion of Environmental Work at the Clark Oil (a.k.a., Hawk's Express) Site
411 North 4th Street, Tomahawk, Wisconsin
DNR BRRTS Activity #03-35-197014

Dear Mr. Bixby and Ms. Carr:

The Department of Natural Resources (DNR) recently approved the completion of the environmental work done at the Clark Oil/Hawk's Express site. This letter describes how that approval affects your property; you are not required to take any action.

State law directs parties responsible for environmental contamination to take actions to restore the environment and minimize harmful effects. The law allows some contamination to remain in soil and groundwater if it does not pose a threat to public health, safety, welfare or to the environment.

On July 30, 2012, you received information from REI Engineering, Inc. about the contamination at the Clark Oil/Hawk's Express site. Contaminants remain in groundwater beneath your property. Over time, this contamination will clean up on its own. You are not responsible for cleaning up the contamination that has migrated beneath your property (Wis. Stat. § 292.13).

Please note that your drinking water is not affected by the contamination. Your drinking water is provided by the municipal water supply system, which is routinely tested to ensure the water meets federal and state drinking water standards.

If you construct or reconstruct a well on your property in the future, prior approval is required by Wis. Admin. § NR 812, to help ensure a safe well (use DNR form 3300-254: <https://dnr.wi.gov/files/PDF/forms/3300/3300-254.pdf>). Local ordinances may also apply.

Additional information about this case is available in the DNR's Bureau for Remediation and Redevelopment Tracking System (BRRTS) on the Web: <http://dnr.wi.gov/botw/SetUpBasicSearchForm.do>. Enter 03-35-197014 in the **activity number** field in the initial screen, then click on **search**. Scroll down and click on the **GIS Registry Packet** link for information about the completion of the environmental work.

If you cannot access the BRRTS website, or have additional concerns or questions regarding this case, you may contact DNR Project Manager John Sager at 715-392-7822 or by email at John.Sager@Wisconsin.gov.

Please don't hesitate to contact me at 715-685-2920, or the DNR Project Manager if you have questions.

Sincerely,

A handwritten signature in black ink, appearing to read "Chris A. Saari". The signature is fluid and cursive, with the first name "Chris" and last name "Saari" clearly distinguishable.

Christopher A. Saari
Northern Region Team Supervisor
Remediation and Redevelopment Program

cc. Aaron Schloemer
Ken Lassa – REI (via email)
John Sager – DNR Superior (via email)



June 29, 2018

LEE DAIGLE
416 N 4TH ST
TOMAHAWK WI 54487

Subject: Notice of Completion of Environmental Work at the Clark Oil (a.k.a., Hawk's Express) Site
411 North 4th Street, Tomahawk, Wisconsin
DNR BRRTS Activity #03-35-197014

Dear Sir or Madam:

The Department of Natural Resources (DNR) recently approved the completion of the environmental work done at the Clark Oil/Hawk's Express site. This letter describes how that approval affects your property; you are not required to take any action.

State law directs parties responsible for environmental contamination to take actions to restore the environment and minimize harmful effects. The law allows some contamination to remain in soil and groundwater if it does not pose a threat to public health, safety, welfare or to the environment.

On April 11, 2018, you received information from the DNR about the contamination at the Clark Oil/Hawk's Express site. Contaminants remain in groundwater beneath your property. Over time, this contamination will clean up on its own. You are not responsible for cleaning up the contamination that has migrated beneath your property (Wis. Stat. § 292.13).

Please note that your drinking water is not affected by the contamination. Your drinking water is provided by the municipal water supply system, which is routinely tested to ensure the water meets federal and state drinking water standards.

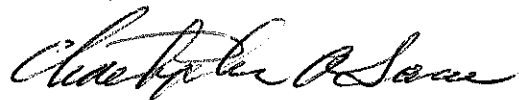
If you construct or reconstruct a well on your property in the future, prior approval is required by Wis. Admin. § NR 812, to help ensure a safe well (use DNR form 3300-254: <https://dnr.wi.gov/files/PDF/forms/3300/3300-254.pdf>). Local ordinances may also apply.

Additional information about this case is available in the DNR's Bureau for Remediation and Redevelopment Tracking System (BRRTS) on the Web: <http://dnr.wi.gov/botw/SetUpBasicSearchForm.do>. Enter 03-35-197014 in the **activity number** field in the initial screen, then click on **search**. Scroll down and click on the **GIS Registry Packet** link for information about the completion of the environmental work.

If you cannot access the BRRTS website, or have additional concerns or questions regarding this case, you may contact DNR Project Manager John Sager at 715-392-7822 or by email at John.Sager@Wisconsin.gov.

Please don't hesitate to contact me at 715-685-2920, or the DNR Project Manager if you have questions.

Sincerely,

A handwritten signature in black ink, appearing to read "Christopher A. Saari". The signature is fluid and cursive, with the first name being the most prominent.

Christopher A. Saari
Northern Region Team Supervisor
Remediation and Redevelopment Program

cc. Aaron Schloemer
Ken Lassa – REI (via email)
John Sager – DNR Superior (via email)



June 29, 2018

MS CINDI KLUCK
408 N 4TH ST
TOMAHAWK WI 54487

Subject: Notice of Completion of Environmental Work at the Clark Oil (a.k.a., Hawk's Express) Site
411 North 4th Street, Tomahawk, Wisconsin
DNR BRRTS Activity #03-35-197014

Dear Ms. Kluck:

The Department of Natural Resources (DNR) recently approved the completion of the environmental work done at the Clark Oil/Hawk's Express site. This letter describes how that approval affects your property; you are not required to take any action.

State law directs parties responsible for environmental contamination to take actions to restore the environment and minimize harmful effects. The law allows some contamination to remain in soil and groundwater if it does not pose a threat to public health, safety, welfare or to the environment.

On July 11, 2012, you received information from REI Engineering, Inc. about the contamination at the Clark Oil/Hawk's Express site. Contaminants remain in groundwater beneath your property. Over time, this contamination will clean up on its own. You are not responsible for cleaning up the contamination that has migrated beneath your property (Wis. Stat. § 292.13).

Please note that your drinking water is not affected by the contamination. Your drinking water is provided by the municipal water supply system, which is routinely tested to ensure the water meets federal and state drinking water standards.

If you construct or reconstruct a well on your property in the future, prior approval is required by Wis. Admin. § NR 812, to help ensure a safe well (use DNR form 3300-254: <https://dnr.wi.gov/files/PDF/forms/3300/3300-254.pdf>). Local ordinances may also apply.

Additional information about this case is available in the DNR's Bureau for Remediation and Redevelopment Tracking System (BRRTS) on the Web: <http://dnr.wi.gov/botw/SetUpBasicSearchForm.do>. Enter 03-35-197014 in the **activity number** field in the initial screen, then click on **search**. Scroll down and click on the **GIS Registry Packet** link for information about the completion of the environmental work.

If you cannot access the BRRTS website, or have additional concerns or questions regarding this case, you may contact DNR Project Manager John Sager at 715-392-7822 or by email at John.Sager@Wisconsin.gov.

Please don't hesitate to contact me at 715-685-2920, or the DNR Project Manager if you have questions.

Sincerely,

A handwritten signature in cursive script, appearing to read "Christopher A. Saari".

Christopher A. Saari
Northern Region Team Supervisor
Remediation and Redevelopment Program

cc. Aaron Schloemer
Ken Lassa – REI (via email)
John Sager – DNR Superior (via email)



June 29, 2018

MR DENNIS RISTAU
412 N 4TH ST
TOMAHAWK WI 54487

Subject: Notice of Completion of Environmental Work at the Clark Oil (a.k.a., Hawk's Express) Site
411 North 4th Street, Tomahawk, Wisconsin
DNR BRRTS Activity #03-35-197014

Dear Mr. Ristau:

The Department of Natural Resources (DNR) recently approved the completion of the environmental work done at the Clark Oil/Hawk's Express site. This letter describes how that approval affects your property; you are not required to take any action.

State law directs parties responsible for environmental contamination to take actions to restore the environment and minimize harmful effects. The law allows some contamination to remain in soil and groundwater if it does not pose a threat to public health, safety, welfare or to the environment.

On July 11, 2012, you received information from REI Engineering, Inc. about the contamination at the Clark Oil/Hawk's Express site. Contaminants remain in groundwater beneath your property. Over time, this contamination will clean up on its own. You are not responsible for cleaning up the contamination that has migrated beneath your property (Wis. Stat. § 292.13).

Please note that your drinking water is not affected by the contamination. Your drinking water is provided by the municipal water supply system, which is routinely tested to ensure the water meets federal and state drinking water standards.

If you construct or reconstruct a well on your property in the future, prior approval is required by Wis. Admin. § NR 812, to help ensure a safe well (use DNR form 3300-254: <https://dnr.wi.gov/files/PDF/forms/3300/3300-254.pdf>). Local ordinances may also apply.

Additional information about this case is available in the DNR's Bureau for Remediation and Redevelopment Tracking System (BRRTS) on the Web: <http://dnr.wi.gov/botw/SetUpBasicSearchForm.do>. Enter 03-35-197014 in the **activity number** field in the initial screen, then click on **search**. Scroll down and click on the **GIS Registry Packet** link for information about the completion of the environmental work.

If you cannot access the BRRTS website, or have additional concerns or questions regarding this case, you may contact DNR Project Manager John Sager at 715-392-7822 or by email at John.Sager@Wisconsin.gov.

Please don't hesitate to contact me at 715-685-2920, or the DNR Project Manager if you have questions.

Sincerely,

A handwritten signature in cursive script, appearing to read "Chris A. Saari".

Christopher A. Saari
Northern Region Team Supervisor
Remediation and Redevelopment Program

cc. Aaron Schloemer
Ken Lassa – REI (via email)
John Sager – DNR Superior (via email)



June 29, 2018

MR BUDDY M RUMSEY
417 N 4TH ST
TOMAHAWK WI 54487

SUBJECT: Continuing Obligations and Property Owner Requirements for
417 North 4th Street, Tomahawk, Wisconsin
Lincoln County PIN Number: 28635063420035
Final Case Closure for the Clark Oil (a.k.a., Hawk's Express) Site
411 North 4th Street, Tomahawk, Wisconsin
DNR BRRTS Activity #03-35-197014

Dear Mr. Rumsey:

The Department of Natural Resources (DNR) recently approved the completion of the environmental work done at the Clark Oil/Hawk's Express site. The purpose of this letter is to notify you that certain continuing obligations apply to the property at 417 North 4th Street, (referred to in this letter as the "Property") due to a monitoring well remaining on the Property. The continuing obligations are part of the cleanup and case closure approved for the above referenced case, located at 411 North 4th Street. (The case is referenced by the location of the source property, i.e. the property where the original discharge occurred, prior to contamination migrating to the Property.) The continuing obligations that apply to the Property are stated as conditions in the attached closure approval letter, and are consistent with s. 292.12, Wis. Stats., and ch. NR 700, Wis. Adm. Code, rule series. They are meant to limit exposure to any remaining environmental contamination at the Property. These continuing obligations will also apply to future owners of the Property, until the conditions no longer exist at the Property.

It is common for properties with approved cleanups to have continuing obligations as part of cleanup/closure approvals. Information on continuing obligations on properties can be found by using the Bureau for Remediation and Redevelopment Tracking System (BRRTS) on the Web. This database is found at <http://dnr.wi.gov/topic/Brownfields/wrrd.html>. This page also provides information on how to find further information about the closure and residual contamination, and how to use the map application, RR Sites Map, including the GIS Registry layer, which shows sites closed with residual contamination and continuing obligations.

The DNR reviewed and approved the case closure request regarding the petroleum in soil and groundwater at this site, based on the information submitted by REI Engineering, Inc. (REI). As required by state law, you received notification about the requested closure from the person conducting the cleanup. No further investigation or cleanup is required at this time. However, the closure decision is conditioned on the long-term compliance with certain continuing obligations, as described below.

Continuing Obligations Applicable to Your Property

A number of continuing obligations are described in the attached case closure letter to Aaron Schloemer, dated June 29, 2018. However, the only continuing obligation that applies to your Property relates to a monitoring well that could not be located.

Monitoring Wells that could not be Properly Filled and Sealed (ch. NR 141, Wis. Adm. Code)

Monitoring well MW-10, located on 417 North 4th Street, shown on the attached Figure 4, Estimated Extent of Groundwater Contamination (02/14/12), prepared by REI and dated July 9, 2012, could not be properly filled and sealed because the well was missing due to being paved over, covered or removed during site development activities. REI made a reasonable effort to locate the well and to determine whether it was properly filled and sealed, but was unsuccessful. You may be held liable for any problems associated with the monitoring well if it creates a conduit for contaminants to enter groundwater. If the groundwater monitoring well is found, the then current owner of the property on which the well is located is required to notify the DNR, to properly fill and seal the wells and to submit the required documentation to the DNR. This continuing obligation applies to the owners of 417 North 4th Street.

Property Owner Responsibilities

The owner (you and any subsequent property owner) of this Property is responsible for compliance with these continuing obligations, pursuant to s. 292.12, Wis. Stats. You are required to pass on the information about these continuing obligations to anyone who purchases this property from you (i.e. pass on this letter), in accordance with s. NR 727.05. For residential property transactions, you are required to make disclosures under s. 709.02, Wis. Stats. You may have additional obligations to notify buyers of the condition of the property and the continuing obligations set out in this letter and the closure letter.

Please be aware that failure to comply with the continuing obligations may result in enforcement action by the DNR. The DNR intends to conduct inspections in the future to ensure that the conditions included in this letter, including compliance with referenced maintenance plans, are met.

These responsibilities are the property owner's. A property owner may enter into a legally binding agreement (such as a contract) with someone else (the person responsible for the cleanup) to take responsibility for compliance with the continuing obligations. If the person with whom any property owner has an agreement fails to adequately comply with the appropriate continuing obligations, the DNR has the authority to require the property owner to complete the necessary work.

A legal agreement between you and another party to carry out any of the continuing obligations listed in this letter does not automatically transfer to a new owner of the Property. If a subsequent property owner cannot negotiate a new agreement, the responsibility for compliance with the applicable continuing obligations resides with that Property owner.

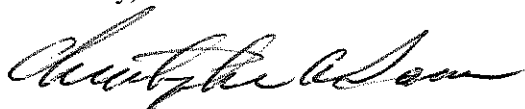
You and any subsequent Property owners are responsible for notifying the department at least 45 days before making a change to a continuing obligation, and obtaining approval, before making any changes to the property that would affect the obligations applied to the Property. Please send written notifications in accordance with the following requirements to:

Department of Natural Resources
Attn: Remediation and Redevelopment Program Environmental Program Associate
107 Sutliff Avenue
Rhineland, WI 54501

The attached DNR fact sheet, RR-819, "Continuing Obligations for Environmental Protection" helps explain a property owner's responsibility for continuing obligations on their property. This fact sheet should have been sent to you when you received a notification letter before the closure request was submitted to the DNR. You may obtain a copy at <http://dnr.wi.gov/files/PDF/pubs/rr/RR819.pdf>.

The DNR appreciates your cooperation. If you have any questions regarding this closure decision or anything outlined in this letter, please contact DNR Project Manager John Sager at 715-392-7822 or by email at John.Sager@Wisconsin.gov.

Sincerely,

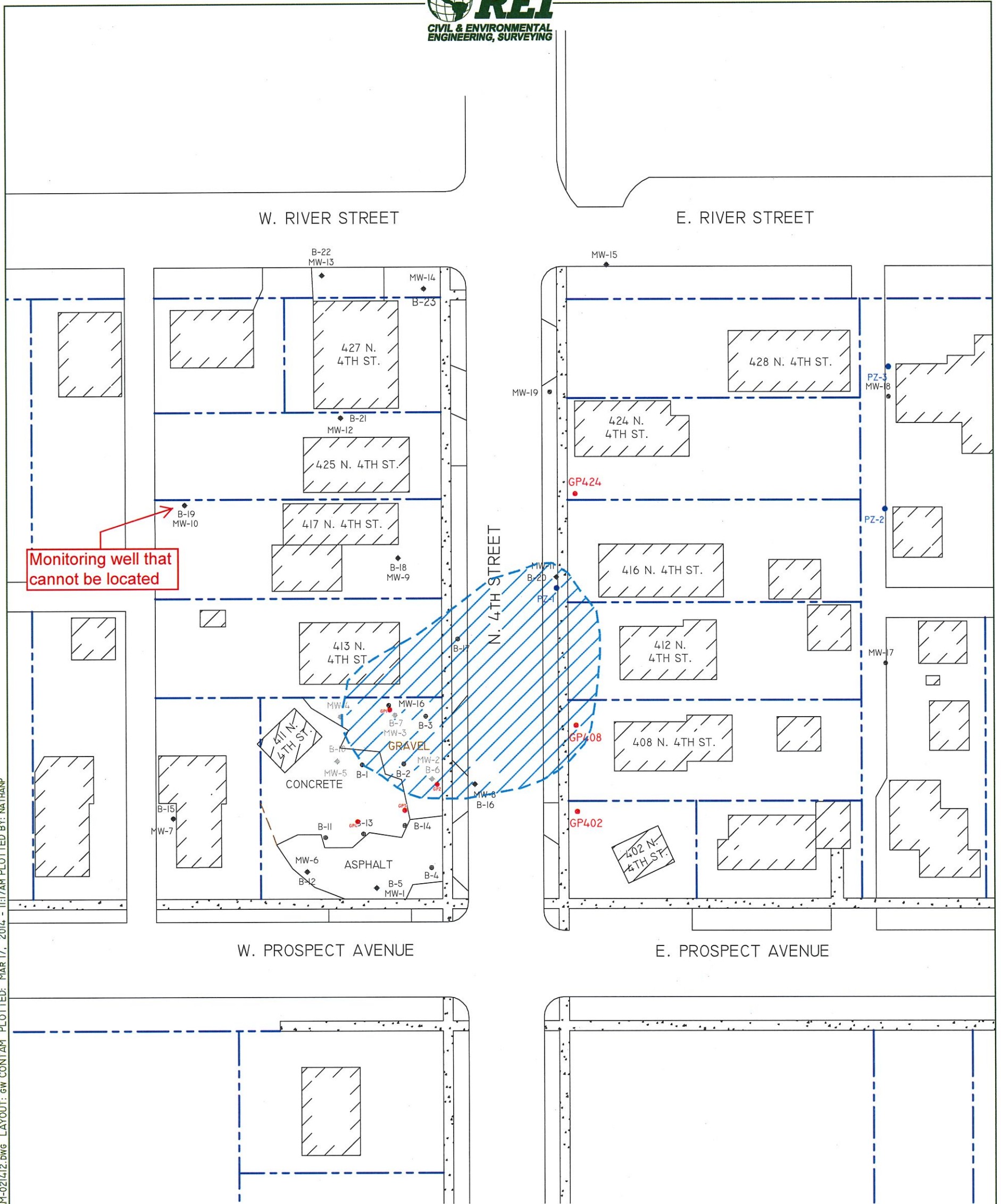


Christopher A. Saari
Northern Region Team Supervisor
Remediation and Redevelopment Program

Attachments:

- Figure 4, Estimated Extent of Groundwater Contamination (02/14/12), REI, July 9, 2012
- Continuing Obligations for Environmental Protection, DNR Publication RR-819

cc: Aaron Schloemer
Ken Lassa – REI (via email)
John Sager – DNR Superior (via email)



Monitoring well that cannot be located

LEGEND

0 50
SCALE: 1" = 50'

- ESTIMATED EXTENT OF GROUNDWATER CONTAMINATION
- ABANDONED MONITORING WELL
- SOIL BORING
- MONITORING WELL
- MONITORING WELL (BY OTHERS)
- PIEZOMETER

DRAWING FILE: P:\5300-5399\5313-HAWK\DWG\5313-gw-contam-02\412.DWG LAYOUT: gw-contam-02\412.DWG PLOTTED: MAR 17, 2014 - 11:17AM PLOTTED BY: NATHANP

NOTE:
BASE MAP DEVELOPED FROM A DRAWING
TITLED "SITE LAYOUT & MONITORING WELL
LOCATIONS" BY K. SINGH & ASSOCIATES, INC.,
DATED 10/4/1998 AND AERIAL IMAGERY FROM
LINCOLN COUNTY GIS.

REI Engineering, INC.

HAWK EXPRESS
411 NORTH 4th STREET
TOMAHAWK, WISCONSIN 54487

FIGURE 4 : ESTIMATED EXTENT OF GROUNDWATER CONTAMINATION (02/14/12)

PROJECT No.
5313Axuc

PREPARED BY:
ARH

DATE:
7/9/12

State of Wisconsin
DEPARTMENT OF NATURAL RESOURCES
1701 North 4th Street
Superior WI 54880

Scott Walker, Governor
Daniel L. Meyer, Secretary
Telephone 608-266-2621
Toll Free 1-888-936-7463
TTY Access via relay - 711



April 2, 2018

Mr. Lee Daigle
1510 Theiler Dr.
Tomahawk, WI 54487

CERTIFIED MAIL: Return Receipt Requested

SUBJECT: Clark Station
411 N. 4th St.
Tomahawk, WI
WDNR BRRTS ID #03-35-197014

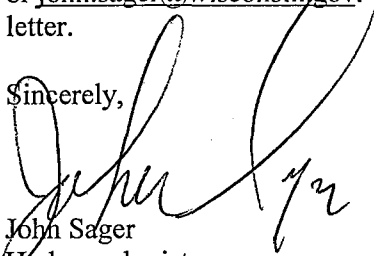
Dear Mr. Daigle,

In a letter dated July 10, 2012 (attached), the former owner of the property at 416 N. 4th Street, Tomahawk (Property) was notified of groundwater contamination that originated on the former Clark Oil Station property located at 411 N. 4th Street that migrated onto the Property. The owner of the Property at the time was given 30 days to provide technical information to the Department that indicated closure should not be granted. The Department received no information from the property owner at the time.

The former Clark Station was not closed by the Department in 2012 because additional investigative work was necessary on the 411 N. 4th St. property itself. The Department is now in the process of preparing this site for final closure. According to Lincoln County property records, you are the current owner of the Property. Since the above referenced letter was sent in 2012, the Department is notifying you of the groundwater contamination remaining on your Property.

The Department has no information indicating groundwater conditions have changed since the attached letter was issued in 2012. Please review the attached letter and notify the Department within 30 days if you have technical information that indicates final closure of the former Clark Station site should not be granted. If you do not have any technical information to provide you can help expedite the closure of this site by sending me an email stating that you do not have any technical information to provide. If you do not have access to email you may submit a statement by mail. Submit any information you would like to provide to me at the address listed in the letterhead or john.sager@wisconsin.gov. You may also call me at (715)392-7822 if you have any questions concerning this letter.

Sincerely,


John Sager
Hydrogeologist
Remediation and Redevelopment Program

Cc: Mr. Aaron Schloemer, 2702 Jason Ave., Unit #4, Weston, WI 54476
Mr. Ken Lassa, REI