

GIS REGISTRY

Cover Sheet

August 2011
(RR-5367)

Source Property Information

BRRTS #:

ACTIVITY NAME:

PROPERTY ADDRESS:

MUNICIPALITY:

PARCEL ID #:

CLOSURE DATE:

FID #:

DATCP #:

PECFA#:

*WTM COORDINATES:

X: Y:

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

WTM COORDINATES REPRESENT:

- Approximate Center Of Contaminant Source
 Approximate Source Parcel Center

Please check as appropriate: (BRRTS Action Code)

Contaminated Media:

Groundwater Contamination > ES (236)

Contamination in ROW

Off-Source Contamination

*(note: for list of off-source properties
see "Impacted Off-Source Property" form)*

Soil Contamination > *RCL or **SSRCL (232)

Contamination in ROW

Off-Source Contamination

*(note: for list of off-source properties
see "Impacted Off-Source Property" form)*

Land Use Controls:

N/A (Not Applicable)

Soil: maintain industrial zoning (220)

*(note: soil contamination concentrations
between non-industrial and industrial levels)*

Structural Impediment (224)

Site Specific Condition (228)

Cover or Barrier (222)

*(note: maintenance plan for
groundwater or direct contact)*

Vapor Mitigation (226)

Maintain Liability Exemption (230)

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

Monitoring Wells:

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

Yes No N/A

** Residual Contaminant Level*

***Site Specific Residual Contaminant Level*

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

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

BRRTS #: (No Dashes) PARCEL ID #:
ACTIVITY NAME: WTM COORDINATES: X: Y:

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

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

SOURCE LEGAL DOCUMENTS

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

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

- Maps must be no larger than 11 x 17 inches unless the map is submitted electronically.
- Location Map:** A map outlining all properties within the contaminated site boundaries on a U.S.G.S. topographic map or plat map in sufficient detail to permit easy location of all parcels. If groundwater standards are exceeded, include the location of all potable wells within 1200 feet of the site.
Note: Due to security reasons municipal wells are not identified on GIS Packet maps. However, the locations of these municipal wells must be identified on Case Closure Request maps.
Figure #: A-1 **Title: Site Location Map**
 - Detailed Site Map:** A map that shows all relevant features (buildings, roads, individual property boundaries, contaminant sources, utility lines, monitoring wells and potable wells) within the contaminated area. This map is to show the location of all contaminated public streets, and highway and railroad rights-of-way in relation to the source property and in relation to the boundaries of groundwater contamination exceeding a ch. NR 140 Enforcement Standard (ES), and/or in relation to the boundaries of soil contamination exceeding a Residual Contaminant Level (RCL) or a Site Specific Residual Contaminant Levels (SSRCL) as determined under s. NR 720.09, 720.11 and 720.19.
Figure #: A-2 **Title: Site Map**
 - Soil Contamination Contour Map:** For sites closing with residual soil contamination, this map is to show the location of all contaminated soil and a single contour showing the horizontal extent of each area of contiguous residual soil contamination that exceeds a Residual Contaminant Level (RCL) or a Site Specific Residual Contaminant Level (SSRCL) as determined under s. NR 720.09, 720.11 and 720.19.
Figure #: H-3 **Title: Post-Remedial Soil Sample Locations/Benzene Concentrations**

BRRTS #: 02-20-343581

ACTIVITY NAME: Koch Pipeline Co

MAPS (continued)

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

Figure #: D-2 Title: Post-Remedial Cross Section A-A'

Figure #: D-3 Title: Post-Remedial Cross Section B-B'

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

Note: This is intended to show the total area of contaminated groundwater.

Figure #: H-6 Title: Total Area of Soil and GW Contamination

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

Figure #: H-7 Title: Groundwater Contour Map (7/28/2008)

Figure #: Title:

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

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

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

Table #: D-1 Title: Post-Remedial Chemical Analysis of Soil

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

Table #: E-1 Title: Groundwater Chemistry

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

Table #: E-2 Title: Groundwater Table Elevations

IMPROPERLY ABANDONED MONITORING WELLS

For each monitoring well not properly abandoned according to requirements of s. NR 141.25 include the following documents.

Note: If the site is being listed on the GIS Registry for only an improperly abandoned monitoring well you will only need to submit the documents in this section for the GIS Registry Packet.

- Not Applicable**

- Site Location Map:** A map showing all surveyed monitoring wells with specific identification of the monitoring wells which have not been properly abandoned.

Note: If the applicable monitoring wells are distinctly identified on the Detailed Site Map this Site Location Map is not needed.

Figure #: Title:

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

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

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

BRRTS #: 02-20-343581

ACTIVITY NAME: Koch Pipeline Co

NOTIFICATIONS

Source Property

Not Applicable

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

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

Off-Source Property

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

Not Applicable

Letter To "Off-Source" Property Owners: Copies of all letters sent by the Responsible Party (RP) to owners of properties with groundwater exceeding an Enforcement Standard (ES), and to owners of properties that will be affected by a land use control under s. 292.12, Wis. Stats.

Note: Letters sent to off-source properties regarding residual contamination must contain standard provisions in Appendix A of ch. NR 726.

Number of "Off-Source" Letters: 2

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

Deed of "Off-Source" Property: The most recent deed(s) as well as legal descriptions, for all affected deeded **off-source property(ies)**. This does not apply to right-of-ways.

Note: If a property has been purchased with a land contract and the purchaser has not yet received a deed, a copy of the land contract which includes the legal description shall be submitted instead of the most recent deed. If the property has been inherited, written documentation of the property transfer should be submitted along with the most recent deed.

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

Figure #: **Title:**

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

Number of "Governmental Unit/Right-Of-Way Owner" Letters: 3

Impacted Off-Source Property Information

Form 4400-246 (R 3/08)

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

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

BRRTS #:

ACTIVITY NAME:

ID	Off-Source Property Address	Parcel Number	WTM X	WTM Y
<input type="text" value="A"/>	<input type="text" value="T14 R15 S11 (Hesselink Property)"/>	<input type="text" value="T21-14-15-11-14-001-00"/>	<input type="text" value="626860"/>	<input type="text" value="358956"/>
<input type="text" value="B"/>	<input type="text" value="T14 R15 S11 (Hoekstra Property)"/>	<input type="text" value="T21-14-15-11-14-002-00"/>	<input type="text" value="626879"/>	<input type="text" value="358876"/>
<input type="text" value="C"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text" value="D"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text" value="E"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text" value="F"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text" value="G"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text" value="H"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text" value="I"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>



State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Scott Walker, Governor
Cathy Stepp, Secretary

Wisconsin Department of Natural
Resources
Plymouth Service Center
1155 Pilgrim Rd
Plymouth, WI 53073
FAX 920-892-6638

November 11, 2011

Flint Hills Resources LP
Attn Nicole Cory
4111 E 37th St N
Wichita, KS 67220

KEEP THIS DOCUMENT WITH YOUR PROPERTY RECORDS

SUBJECT: Final Case Closure with Continuing Obligations
Koch Pipeline Co, Waupun, Wisconsin
WDNR BRRTS Activity # 02-20-343581

Dear Ms. Cory:

The Department of Natural Resources (DNR) considers Koch Pipeline Co, Waupun, Wisconsin BRRTS Activity # 02-20-343581 closed with continuing obligations. No further investigation or remediation is required at this time. However, you and future property owners 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 attached maintenance plan to anyone who purchases this property from you.

This final closure decision is based on the correspondence and data provided, and is issued under ch. NR 726, Wisconsin Administrative Code. The Northeast Region Closure Committee reviewed the request for closure on August 22, 2011. Additional information was submitted on September 22, 2011: revised groundwater standards contour map, table listing last four groundwater sample rounds and revised off-site groundwater contamination notification letters. The Closure Committee reviews environmental remediation cases for compliance with state laws and standards to maintain consistency in the closure of these cases. The Department received final documentation regarding two conditions of closure (well abandonment and purge water disposal) on October 21, 2011.

The Department reviewed the case closure request regarding the petroleum (benzene, toluene, ethylbenzene, xylene, trimethylbenzene, and naphthalene) contamination on the site from leakage at the oil/water separator area in soil and groundwater at this site. In summary, the source property is an active above ground storage tank facility for petroleum products. Remedial actions included: excavation of contaminated soils, replacement of oil/water separator vault, installation and maintenance of concrete cover over remaining contaminated soil, dual pump and treat groundwater system and natural attenuation monitoring of groundwater. Based on the correspondence and data provided, it appears that your case meets the closure requirements in ch. NR 726, Wisconsin Administrative Code. The Department considers this case closed and no further investigation or remediation is required at this time. However, you and any future property owners must comply with certain continuing obligations as explained in this letter. The conditions of closure and continuing obligations required were based on the property being used for industrial purposes.

Continuing Obligations

The continuing obligations for this site are summarized below. Further details are found in a subsequent section titled Closure Conditions.

1. Groundwater contamination is present above ch. NR 140 enforcement standards. Affected property owners were notified of the presence of groundwater contamination. DNR approval prior to well construction or reconstruction is required for all sites with residual contamination, shown on the GIS Registry
2. Residual soil contamination exists under the concrete cover that must be properly managed should it be excavated or removed.
3. Monitoring wells MW-5, MW-15, MW-33, MW-37, MW-38 and MW-39 are being transferred for continued monitoring to the Flint Hills Resources LLC MW33 /MW37 Investigation BRRTS #02-20-553397. Do NOT fill and seal these wells at this time.
4. Before the land use may be changed from the current industrial zoning, additional environmental work may be necessary.
5. This property may not be used or developed for a residential, commercial, agricultural or other non-industrial use, unless prior written approval has been obtained from the DNR.
6. Concrete cover as shown on the attached figure entitled "**Figure 1, Oil / Water Separator Concrete Cover Location**" must be maintained over remaining contaminated soil as shown on the attached map entitled "**Figure H-6, Total Area of Soil and GW Contamination**" and the state must approve any changes to this concrete cover.
7. Concrete cover maintenance plan and inspection log are to be kept up-to-date and on-site (i.e. able to access electronically on site).
8. Remaining soil contamination could result in vapor intrusion if future construction activities occur at the concrete cover. If new building construction is planned, an assessment must be made of whether the closure is still protective or whether building control technologies are appropriate.

GIS Registry

This site will be listed on the Remediation and Redevelopment Program's internet accessible GIS Registry, to provide notice of residual contamination and of any continuing obligations. This letter and information that was submitted with your closure request application, including the maintenance plan, will be included on the GIS Registry in a PDF attachment. To review the site on the GIS Registry web page, visit the RR Sites Map page at <http://dnr.wi.gov/org/aw/rr/gis/index.htm>. All site information is also on file at the DNR Oshkosh Service Center located at 625 E. County Road Y, Oshkosh, WI.

[NOTE: If you intend to construct a new well, or reconstruct an existing well, you'll need prior DNR approval, in accordance with s. NR 812.09(4) (w), Wis. Adm. Code. 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 <http://dnr.wi.gov/org/water/dwg/3300254.pdf> or at the web address listed below for the GIS Registry.]

Prohibited Activities

Certain activities are prohibited at closed sites because maintenance of a barrier is intended to prevent contact with any remaining contamination. When a barrier is required, the condition of closure requires notification of the DNR before making a change, in order to determine if further action is needed to maintain the protectiveness of the remedy employed. The following activities are prohibited on any portion of the property where the concrete cover is required as shown on the attached figure entitled "**Figure 1, Oil / Water Separator Concrete Cover Location**", unless prior written approval has been obtained from the DNR:

- removal of the existing barrier;

- replacement with another barrier;
- excavating or grading of the land surface;
- filling on capped or paved areas;
- construction or placement of a foundation or other structure requiring excavation;
- changing the use or occupancy of the property to certain uses, such as single or multiple-family residences, a day care, senior center, hospital, or for a similar sensitive population.

Closure Conditions

Compliance with the requirements of this letter is a responsibility to which the current property owner and any subsequent property owners must adhere. If these requirements are not followed, the DNR may take enforcement action under s. 292.11, Wisconsin Statutes to ensure compliance with the specified requirements, limitations or other conditions related to the property. If additional information regarding site conditions indicates that contamination on or from the site poses a threat to public health, safety, welfare, or the environment, this case may be reopened pursuant to s. NR 726.09, Wis. Adm. Code. DNR staff will conduct periodic inspections to ensure that the conditions included in this letter and the attached maintenance plans are met.

1. Residual Groundwater Contamination (ch. NR 140, 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 map entitled "Figure H-6, Total Area of Soil and GW Contamination"**. Affected property owners were notified of the presence of groundwater contamination. DNR approval prior to well construction or reconstruction is required for all sites with residual contamination, shown on the GIS Registry.

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

Soil contamination remains at depth in the vault area (eleven feet below ground) indicated on the **attached map entitled "Figure H-6, Total Area of Soil and GW Contamination"**. If soil in the specific locations described above is excavated in the future, the property owner 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 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. In addition, all current and future owners and occupants of the property 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.

3. Industrial Soil Standards (s. NR 726.05(8)(b)1., Wis. Adm. Code)

Soil contamination remains at vault sample (eleven feet below ground) of residual soil contamination, as shown on the attached map **entitled "Figure H-6, Total Area of Soil and GW Contamination"**. Samples contained benzene that exceeded NR 720.11, Table 2 non-industrial soil standards and met NR 720.11, Table 2 industrial standards. This property may not be used or developed for a residential, commercial, agricultural or other non-industrial use, unless prior written approval has been obtained from the DNR. An investigation and remedial action to meet applicable soil cleanup standards may be required at that time.

4. Land Use

This property may not be used or redeveloped for residential use, unless prior written approval has been obtained from the DNR. An investigation and remedial action to meet applicable soil cleanup standards may be required at that time.

5. Transfer of Monitoring Wells

Monitoring Wells MW-5, MW-15, MW-33, MW-37, MW-38 and MW-39 will be transferred to Flint Hills Resources LLC MW-33/MW-37 Investigation (BRRTS #02-20-553397) and Monitoring Wells MW-1, MW-2, MW-3, MW-5, MW-9, MW-11, MW-33 and MW-39 will be kept for voluntarily (these voluntary wells can be abandoned at any time) site wide sampling checks in the future.

MW-5, MW-15, MW-33, MW-37, MW-38 and MW-39 monitoring wells should not be filled and sealed at this time. Well filling and sealing will be required of MW-15, MW-37, and MW-38 for the Flint Hills Resources LLC MW-33/MW37 Investigation, upon conclusion of the cleanup of that site. MW-5, MW-15, MW-33, MW-37, MW-38 and MW-39 wells are identified on the **attached map entitled "Figure H-6, Total Area of Soil and GW Contamination"**. Note: Monitoring wells MW-6, MW-7, MW-8, MW-10, MW-12, MW-13, MW-14, MW-16, MW-17, MW-18, MW-19, MW-20, MW-21, MW-22, MW-23, MW-24, MW-25, MW-26, MW-27, MW-28, MW-29, MW-30, MW-31, MW-32, MW-34, MW-35, MW-36, PZ-1, PZ-2, PZ-3, and PZ-4 were abandoned on October 12, 2011. All groundwater extraction wells (RW-1, RW-2, RW-3, RW-4, RW-5, RW-6 and RW-7) were also abandoned on October 12, 2011.

6. Cover or Barrier (s. 292.12(2)(a), Wis. Stats)

The concrete cover that exists in the location shown on the attached figure entitled "*Figure 1, Oil / Water Separator Concrete Cover Location*" shall be maintained in compliance with the attached maintenance plan in order to minimize the infiltration of water and prevent additional groundwater contamination that would violate the groundwater quality standards in ch. NR 140, Wis. Adm. Code. A cover or barrier for industrial land uses, or certain types of commercial land uses may not be protective if use of the property were to change such that a residential exposure would apply. This may include, but is not limited to single or multiple family residences, a school, day care, senior center, hospital or similar settings. Before using the property for such purposes, you must notify the DNR to determine if additional response actions are warranted. A request may be made to modify or replace a cover or barrier. The replacement or modified cover or barrier must be protective of the revised use of the property, and must be approved in writing by the DNR prior to implementation.

7. Concrete Cover Maintenance Plan

The concrete cover that exists in the location shown on the attached figure entitled "*Figure 1, Oil / Water Separator Concrete Cover Location*" shall be maintained in compliance with the **attached maintenance plan** in order to minimize the infiltration of water and prevent additional groundwater contamination that would violate the groundwater quality standards in ch. NR 140, Wis. Adm. Code. Inspections should begin no later than 6 months from the issuance date of this letter. The **attached maintenance plan and inspection log** are to be kept up-to-date and on-site (i.e. able to access electronically on site). Submit the inspection log to the DNR only upon request.

8. Vapor Mitigation or Evaluation

Vapor intrusion is the movement of vapors coming from volatile chemicals in the soil or groundwater, into buildings where people may breathe air contaminated by the vapors. Vapor mitigation systems are used to interrupt the pathway, thereby reducing or preventing vapors from moving into the building.

Depending on site-specific conditions, construction over contaminated materials 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.

Petroleum related compounds (i.e. benzene, toluene, ethylbenzene, xylene, trimethylbenzene, and naphthalene) remain in soil and groundwater at the site, as shown on the **attached map entitled "Figure H-6, Total Area of Soil and GW Contamination"**, at levels that may be of concern for vapor intrusion in the future, depending on construction and occupancy of a building. Currently the source area is paved with concrete which acts as a cap for groundwater protection. An adjacent office building where there is no soil contamination has a slab on grade structure, with minimal to no vapor risks. Before a building is constructed on the source area in the future, the property owner must notify the DNR and assess whether the closure conditions are still protective or whether building control technologies are warranted.

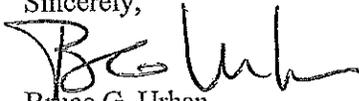
CONCLUSION

The following DNR fact sheet, "Continuing Obligations for Environmental Protection", RR-819, was included with this letter, to help explain a property owner's responsibility for continuing obligations on their property. If the fact sheet is lost, you may obtain a copy at <http://dnr.wi.gov/org/aw/rr/archives/pubs/RR819.pdf>.

Please be aware that the case may be reopened pursuant to s. NR 726.09, Wis. Adm. Code, 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.

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 Christine Lilek at (920) 892-8756, extension 3025.

Sincerely,

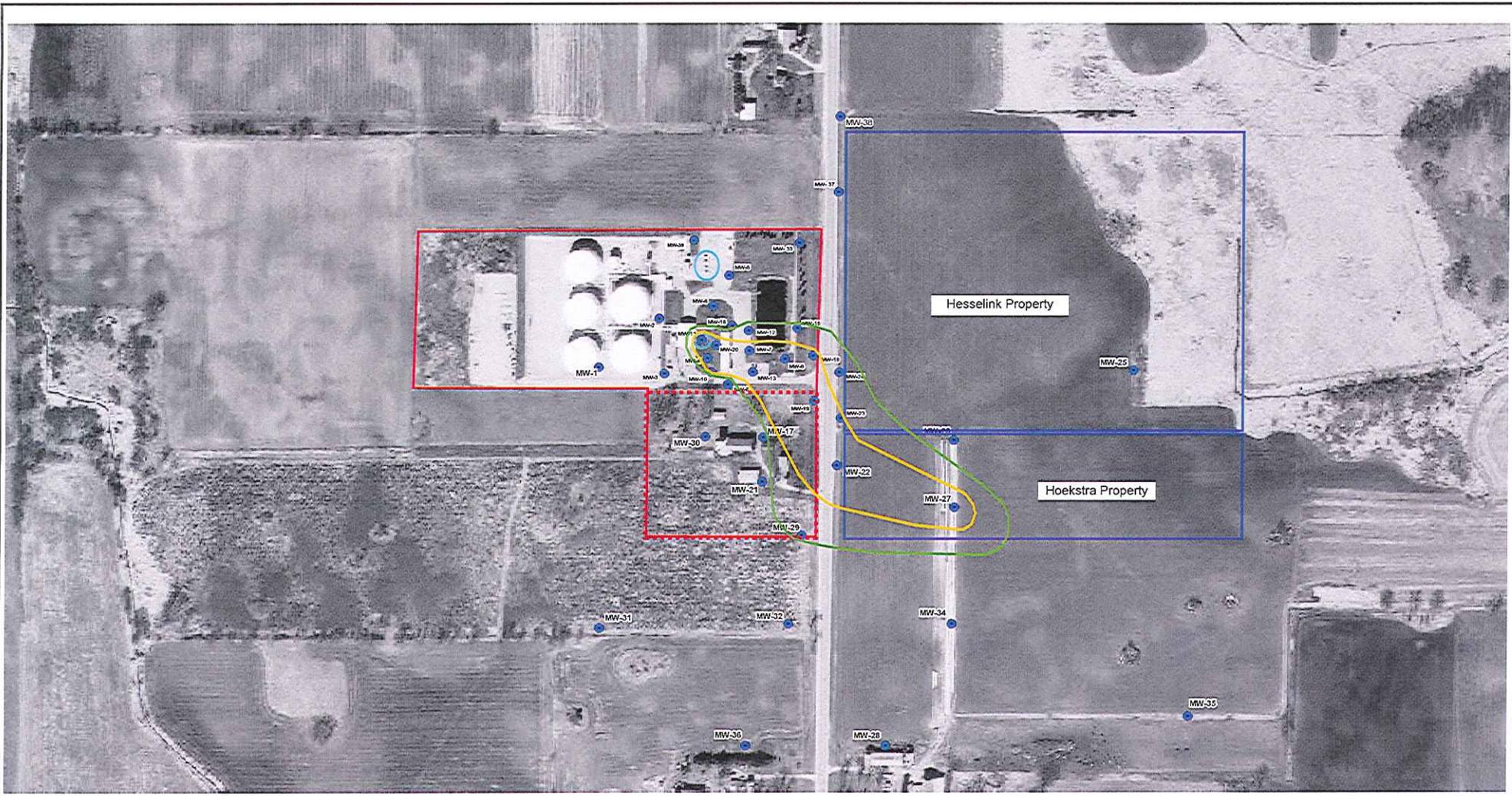


Bruce G. Urben
Air & Waste Leader
Northeast Region

cc: Case File -- OSH
Gregory Aldrian - Tetra Tech (electronic copy)
Glen Hesselink, N3206 W Center Rd, Waupun, WI 56963
Gerry Hoekstra, N4129 State Rd 26, Waupun, WI 56963

Attachments:

- Figure H-6, Total Area of Soil and GW Contamination
- Figure 1, Oil / Water Separator Concrete Cover Location
- Cap maintenance plan and log
- RR – 819



PROJECT: 1148340167
 DATE: 6/15/2010
 DRAWN BY: TN
 REVIEWED BY: GA
 PHOTO SOURCE: FOND DU LAC COUNTY
 YEAR: 2000
 S:/ SHARED/ENV/KOCH_FHR/WAUPUN/PROPOSED MW-39.PDF



FIGURE H-6
TOTAL AREA OF SOIL AND GW CONTAMINATION
WAUPUN BULK TERMINAL
FLINT HILLS RESOURCES PINE BEND, LLC
WAUPUN, WISCONSIN

7/28/08 Chemistry Data or the most current sampling data used for:
 All other wells

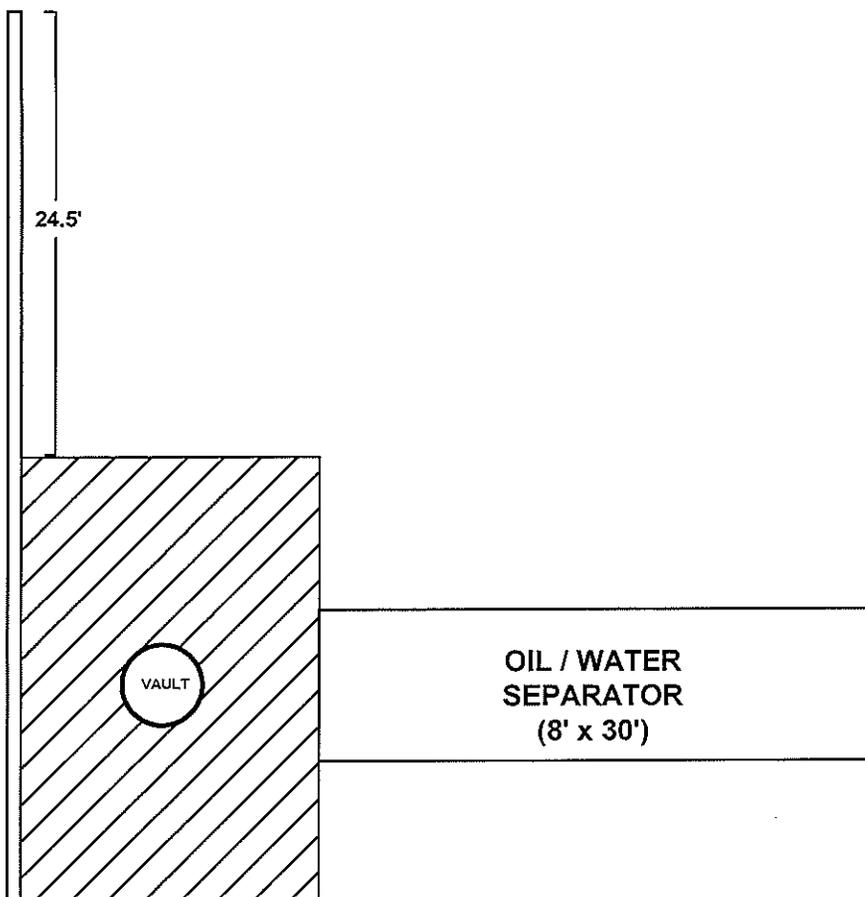
Legend

- Monitoring Wells
- ▭ FHR Terminal Property
- ▭ FHR Farm Property
- Impacted Soil Area
- Impacted GW Area > ES
- Impacted GW Area > PAL



24.5'

LOADING
RACK



LEGEND

○ = VAULT

▨ = CONCRETE COVER
(16' x 24')



TETRA TECH, INC.
Wausau, Wisconsin

FIGURE 1

OIL / WATER SEPARATOR CONCRETE COVER LOCATION
WAUPUN BULK STORAGE TERMINAL
FLINT HILLS RESOURCES PINE BEND, LLC
WAUPUN, WISCONSIN

PROJECT #: 114-340585
DATE: 11/14/11
DRAWN BY: TAN/MAM
REVIEWED BY: GMA
SCALE: 1" = 10'

S:\Autocad\Koch\Waupun\Closure figs\Concrete Cover Location.dwg

Please submit the Maximo request form to the Work Management Department via a Work Order. This form is required to generate a new Job Plan in MAXIMO.
Do not use this form for new equipment or a new PM when the Job Plan already exists.

Date: November 2011
Requested By: Eric Dominiack
Contact Phone Number: 651-480-3830

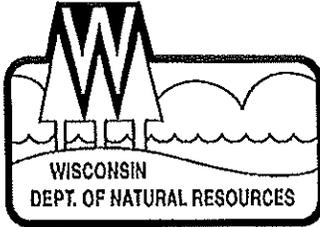
JOB PLAN TITLE:	Waupun Oil Water Separator Concrete Slab Inspection.
JOB PLAN OWNER: (Capability)	Environmental
FILE TYPE:	Best Practice <input type="checkbox"/> Compliance <input checked="" type="checkbox"/> Environmental <input type="checkbox"/> Inspection <input checked="" type="checkbox"/> Maintenance <input type="checkbox"/> O&M <input type="checkbox"/>
REG GUIDANCE: (Regulatory reference or code, including TG, Standards)	Waupun Remediation Site Closure Requirement
SCOPE: (description of task & why it is required)	The WDNR asked FHR to maintain and periodically inspect the 16' x 24' concrete slab around the OWS as a part of the remediation site closure process (BRRTS Number 02-20-343581). The inspection conditions are documented in XXXXX. The purpose is to ensure the concrete remains sound and prevents the infiltration of precipitation into the ground which may result in leaching of residual soil contamination into groundwater.
PCC IMPACT: Does the pipeline control center need to be notified)	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
PREREQUISITES: (including any notifications that must be made prior to starting work)	N/A
ACTIONS: (Instructions for completing task)	1. Verify that the 16' x 24' concrete slab covering the OWS has not been damaged, by looking for cracks, buckling etc. 2. If damage is observed, create a pertinent work order to initiate maintenance/repair activities.
POST TASKS: (Include requirements to be completed or post notifications to be made)	N/A
GENERAL INFORMATION:	N/A
WO IMPLEMENTER: (who will the WO be assigned to, Title, not employee name)	Operations
POST REVIEW	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
REVIEWER (title, not employee name)	Environmental Engineer
HELP CONTACT: (title, not employee name)	Environmental Advisor
DOCUMENTATION: (acceptable paperwork to close WO, include form name & number)	If damage is observed, attach maintenance/repair documentation to pertinent work order.
RETENTION: (DO NOT CHANGE)	Per FHR Records Information Management Index



MAXIMO Job Plan Template

FOR MAXIMO ADMIN USE, ONLY	COMPLETION DATE:
COMPLETED BY:	REMARKS:
NEW JOB PLAN ID:	WO #:





State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Scott Walker, Governor
Cathy Stepp, Secretary

Wisconsin Department of Natural
Resources
Plymouth Service Center
1155 Pilgrim Rd
Plymouth, WI 53073
FAX 920-892-6638

November 11, 2011

Mr. Glen Hesselink
N3206 W Center Rd
Waupun, WI 53963

SUBJECT: Continuing Obligations and Property Owner Requirements for **Hesselink Farm Field**
Section 11, Township 14N, Range 15E, North 30 acres of NW ¼ of SE ¼
Parcel Identification Number: T21-14-15-11-14-001-00
Final Case Closure for Koch Pipeline, 4240 State Hwy 26, Waupun, WI
WDNR BRRTS Activity #: 02-20-343581

Dear Mr. Hoekstra:

The purpose of this letter is to notify you that certain continuing obligations apply to the property at Hoekstra Farm Field located at Section 11, Township 14N, Range 15E, North 30 acres of NW ¼ of SE ¼, Parcel Identification Number: T21-14-15-11-14-001-00, (referred to in this letter as the "Property") due to contamination remaining on the Property. The continuing obligations are part of the cleanup and case closure approved for the above referenced case, located at Koch Pipeline, 4240 State Hwy 26, Waupun, Wisconsin.

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 is shown on the Internet at <http://dnr.wi.gov/org/aw/tr/gis/index.htm>. How to find further information about the closure and residual contamination for this site can be located at <http://dnr.wi.gov/org/aw/tr/clean.htm>.

The Department reviewed and approved the case closure request regarding the petroleum (benzene, toluene, ethylbenzene, xylene, trimethylbenzene, and naphthalene) contamination on the site from leakage at the oil/water separator area in soil and groundwater, based on the information submitted by Tetra Tech. 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 Flint Hills Resources LP, dated November 3, 2011. However, only the following continuing obligations apply to your Property.

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

Groundwater contamination, greater than enforcement standards, is present both on Koch Pipeline property and off site on your Property, as shown on the attached map. DNR approval prior to well construction or

reconstruction is required for all sites with residual contamination, shown on the GIS Registry.

GIS Registry – Well Construction Approval Needed

Because of the residual type of media contaminated contamination and the continuing obligations, this site, which includes your Property, will be listed on the Department's internet accessible GIS Registry, at <http://dnr.wi.gov/org/aw/rr/gis/index.htm>. If you intend to construct or reconstruct a well on the Property, you will need to get Department approval in accordance with s. NR 812.09(4) (w), Wis. Adm. Code. To obtain approval, Form 3300-254 needs to be completed and submitted to the DNR Drinking and Groundwater program's regional water supply specialist. A well driller can help with this form. This form can be obtained on-line <http://dnr.wi.gov/org/water/dwg/3300254.pdf>. If at some time, all these continuing obligations are fulfilled, and the remaining contamination is either removed or meets applicable standards, you may request the removal of the Property from the GIS Registry.

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 strongly encouraged to pass on the information about these continuing obligations to anyone who purchases this property from you (i.e. pass on this letter). For residential property transactions, you are required to make disclosures under Wis. Stats. s. 709.02. 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 Department. The Department 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 Department 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.

When maintenance of a continuing obligation is required, the Property owner is responsible for inspections, repairs, or replacements as needed. Such actions should be documented by the Property owner and the records kept accessible for the Department to review for as long as the Department directs.

You and any subsequent Property owners are responsible for notifying the Department, and obtaining approval, before making any changes to the property that would affect the obligations applied to the Property. Send all written notifications in accordance with the above requirements to **WDNR Plymouth Service Center, 1155 Pilgrim Rd, Plymouth, WI 53073**, to the attention of Christine Lilek – RR Program Hydrogeologist.

The following DNR fact sheet, RR-819, "Continuing Obligations for Environmental Protection" has been included with this letter, to help explain a property owner's responsibility for continuing obligations on their property. If the fact sheet is lost, you may obtain a copy at <http://dnr.wi.gov/org/aw/rr/archives/pubs/RR819.pdf>.

Under s. 292.13, Wis. Stats., owners of properties affected by contamination from another property are generally exempt from investigating or cleaning up a hazardous substance discharge that has migrated onto a property from another property, through the soil, groundwater or sediment pathway. However, the exemption under s. 292.13, Wis. Stats., does not exempt the property owner from the responsibility to maintain a continuing obligation placed on the property in accordance with s. 292.12, Wis. Stats. To maintain this exemption, that statute requires the current property owner and any subsequent property owners, to meet the conditions in the statute, including:

- Granting reasonable access to DNR or responsible party, or their contractors;
- Avoiding interference with response actions taken; and
- Avoiding actions that make the contamination worse (e.g., demolishing a structure and causing or worsening the discharges to the environment).

The Department appreciates your efforts. If you have any questions regarding this closure decision or anything outlined in this letter, please contact Christine Lilek – RR Program Hydrogeologist at (920) 892-8756, extension 3025.

Sincerely,



Bruce Urben
NER Remediation & Redevelopment Team Supervisor

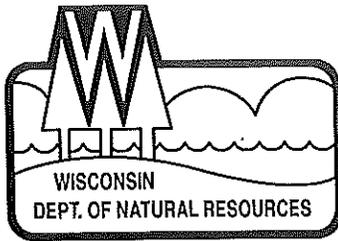
Attachments:

Final Closure Letter
Maintenance plan
Location map

cc: Nicole Cory, Flint Hills Resources, LP
Greg Aldrian, Tetra Tech

[Note: A copy of this letter is placed in the GIS Registry packet along with the closure letter]

Enclosure: RR 819 – Continuing Obligations Fact Sheet



State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Scott Walker, Governor
Cathy Stepp, Secretary

Wisconsin Department of Natural
Resources
Plymouth Service Center
1155 Pilgrim Rd
Plymouth, WI 53073
FAX 920-892-6638

November 11, 2011

Flint Hills Resources LP
Attn Nicole Cory
4111 E 37th St N
Wichita, KS 67220

KEEP THIS DOCUMENT WITH YOUR PROPERTY RECORDS

SUBJECT: Final Case Closure with Continuing Obligations
Koch Pipeline Co, Waupun, Wisconsin
WDNR BRRTS Activity # 02-20-343581

Dear Ms. Cory:

The Department of Natural Resources (DNR) considers Koch Pipeline Co, Waupun, Wisconsin BRRTS Activity # 02-20-343581 closed with continuing obligations. No further investigation or remediation is required at this time. However, you and future property owners 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 attached maintenance plan to anyone who purchases this property from you.

This final closure decision is based on the correspondence and data provided, and is issued under ch. NR 726, Wisconsin Administrative Code. The Northeast Region Closure Committee reviewed the request for closure on August 22, 2011. Additional information was submitted on September 22, 2011: revised groundwater standards contour map, table listing last four groundwater sample rounds and revised off-site groundwater contamination notification letters. The Closure Committee reviews environmental remediation cases for compliance with state laws and standards to maintain consistency in the closure of these cases. The Department received final documentation regarding two conditions of closure (well abandonment and purge water disposal) on October 21, 2011.

The Department reviewed the case closure request regarding the petroleum (benzene, toluene, ethylbenzene, xylene, trimethylbenzene, and naphthalene) contamination on the site from leakage at the oil/water separator area in soil and groundwater at this site. In summary, the source property is an active above ground storage tank facility for petroleum products. Remedial actions included: excavation of contaminated soils, replacement of oil/water separator vault, installation and maintenance of concrete cover over remaining contaminated soil, dual pump and treat groundwater system and natural attenuation monitoring of groundwater. Based on the correspondence and data provided, it appears that your case meets the closure requirements in ch. NR 726, Wisconsin Administrative Code. The Department considers this case closed and no further investigation or remediation is required at this time. However, you and any future property owners must comply with certain continuing obligations as explained in this letter. The conditions of closure and continuing obligations required were based on the property being used for industrial purposes.

Continuing Obligations

The continuing obligations for this site are summarized below. Further details are found in a subsequent section titled Closure Conditions.

1. Groundwater contamination is present above ch. NR 140 enforcement standards. Affected property owners were notified of the presence of groundwater contamination. DNR approval prior to well construction or reconstruction is required for all sites with residual contamination, shown on the GIS Registry
2. Residual soil contamination exists under the concrete cover that must be properly managed should it be excavated or removed.
3. Monitoring wells MW-5, MW-15, MW-33, MW-37, MW-38 and MW-39 are being transferred for continued monitoring to the Flint Hills Resources LLC MW33 /MW37 Investigation BRRTS #02-20-553397. Do NOT fill and seal these wells at this time.
4. Before the land use may be changed from the current industrial zoning, additional environmental work may be necessary.
5. This property may not be used or developed for a residential, commercial, agricultural or other non-industrial use, unless prior written approval has been obtained from the DNR.
6. Concrete cover as shown on the attached figure entitled "**Figure 1, Oil / Water Separator Concrete Cover Location**" must be maintained over remaining contaminated soil as shown on the attached map entitled "**Figure H-6, Total Area of Soil and GW Contamination**" and the state must approve any changes to this concrete cover.
7. Concrete cover maintenance plan and inspection log are to be kept up-to-date and on-site (i.e. able to access electronically on site).
8. Remaining soil contamination could result in vapor intrusion if future construction activities occur at the concrete cover. If new building construction is planned, an assessment must be made of whether the closure is still protective or whether building control technologies are appropriate.

GIS Registry

This site will be listed on the Remediation and Redevelopment Program's internet accessible GIS Registry, to provide notice of residual contamination and of any continuing obligations. This letter and information that was submitted with your closure request application, including the maintenance plan, will be included on the GIS Registry in a PDF attachment. To review the site on the GIS Registry web page, visit the RR Sites Map page at <http://dnr.wi.gov/org/aw/rr/gis/index.htm>. All site information is also on file at the DNR Oshkosh Service Center located at 625 E. County Road Y, Oshkosh, WI.

[NOTE: If you intend to construct a new well, or reconstruct an existing well, you'll need prior DNR approval, in accordance with s. NR 812.09(4) (w), Wis. Adm. Code. 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 <http://dnr.wi.gov/org/water/dwg/3300254.pdf> or at the web address listed below for the GIS Registry.]

Prohibited Activities

Certain activities are prohibited at closed sites because maintenance of a barrier is intended to prevent contact with any remaining contamination. When a barrier is required, the condition of closure requires notification of the DNR before making a change, in order to determine if further action is needed to maintain the protectiveness of the remedy employed. The following activities are prohibited on any portion of the property where the concrete cover is required as shown on the attached figure entitled "**Figure 1, Oil / Water Separator Concrete Cover Location**", unless prior written approval has been obtained from the DNR:

- removal of the existing barrier;

- replacement with another barrier;
- excavating or grading of the land surface;
- filling on capped or paved areas;
- construction or placement of a foundation or other structure requiring excavation;
- changing the use or occupancy of the property to certain uses, such as single or multiple-family residences, a day care, senior center, hospital, or for a similar sensitive population.

Closure Conditions

Compliance with the requirements of this letter is a responsibility to which the current property owner and any subsequent property owners must adhere. If these requirements are not followed, the DNR may take enforcement action under s. 292.11, Wisconsin Statutes to ensure compliance with the specified requirements, limitations or other conditions related to the property. If additional information regarding site conditions indicates that contamination on or from the site poses a threat to public health, safety, welfare, or the environment, this case may be reopened pursuant to s. NR 726.09, Wis. Adm. Code. DNR staff will conduct periodic inspections to ensure that the conditions included in this letter and the attached maintenance plans are met.

1. Residual Groundwater Contamination (ch. NR 140, 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 map entitled "Figure H-6, Total Area of Soil and GW Contamination"**. Affected property owners were notified of the presence of groundwater contamination. DNR approval prior to well construction or reconstruction is required for all sites with residual contamination, shown on the GIS Registry.

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

Soil contamination remains at depth in the vault area (eleven feet below ground) indicated on the **attached map entitled "Figure H-6, Total Area of Soil and GW Contamination"**. If soil in the specific locations described above is excavated in the future, the property owner 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 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. In addition, all current and future owners and occupants of the property 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.

3. Industrial Soil Standards (s. NR 726.05(8)(b)1., Wis. Adm. Code)

Soil contamination remains at vault sample (eleven feet below ground) of residual soil contamination, as shown on the attached map **entitled "Figure H-6, Total Area of Soil and GW Contamination"**. Samples contained benzene that exceeded NR 720.11, Table 2 non-industrial soil standards and met NR 720.11, Table 2 industrial standards. This property may not be used or developed for a residential, commercial, agricultural or other non-industrial use, unless prior written approval has been obtained from the DNR. An investigation and remedial action to meet applicable soil cleanup standards may be required at that time.

4. Land Use

This property may not be used or redeveloped for residential use, unless prior written approval has been obtained from the DNR. An investigation and remedial action to meet applicable soil cleanup standards may be required at that time.

5. Transfer of Monitoring Wells

Monitoring Wells MW-5, MW-15, MW-33, MW-37, MW-38 and MW-39 will be transferred to Flint Hills Resources LLC MW-33/MW-37 Investigation (BRRTS #02-20-553397) and Monitoring Wells MW-1, MW-2, MW-3, MW-5, MW-9, MW-11, MW-33 and MW-39 will be kept for voluntarily (these voluntary wells can be abandoned at any time) site wide sampling checks in the future.

MW-5, MW-15, MW-33, MW-37, MW-38 and MW-39 monitoring wells should not be filled and sealed at this time. Well filling and sealing will be required of MW-15, MW-37, and MW-38 for the Flint Hills Resources LLC MW-33/MW37 Investigation, upon conclusion of the cleanup of that site. MW-5, MW-15, MW-33, MW-37, MW-38 and MW-39 wells are identified on the **attached map entitled "Figure H-6, Total Area of Soil and GW Contamination"**. Note: Monitoring wells MW-6, MW-7, MW-8, MW-10, MW-12, MW-13, MW-14, MW-16, MW-17, MW-18, MW-19, MW-20, MW-21, MW-22, MW-23, MW-24, MW-25, MW-26, MW-27, MW-28, MW-29, MW-30, MW-31, MW-32, MW-34, MW-35, MW-36, PZ-1, PZ-2, PZ-3, and PZ-4 were abandoned on October 12, 2011. All groundwater extraction wells (RW-1, RW-2, RW-3, RW-4, RW-5, RW-6 and RW-7) were also abandoned on October 12, 2011.

6. Cover or Barrier (s. 292.12(2)(a), Wis. Stats)

The concrete cover that exists in the location shown on the attached figure entitled "*Figure 1, Oil / Water Separator Concrete Cover Location*" shall be maintained in compliance with the attached maintenance plan in order to minimize the infiltration of water and prevent additional groundwater contamination that would violate the groundwater quality standards in ch. NR 140, Wis. Adm. Code. A cover or barrier for industrial land uses, or certain types of commercial land uses may not be protective if use of the property were to change such that a residential exposure would apply. This may include, but is not limited to single or multiple family residences, a school, day care, senior center, hospital or similar settings. Before using the property for such purposes, you must notify the DNR to determine if additional response actions are warranted. A request may be made to modify or replace a cover or barrier. The replacement or modified cover or barrier must be protective of the revised use of the property, and must be approved in writing by the DNR prior to implementation.

7. Concrete Cover Maintenance Plan

The concrete cover that exists in the location shown on the attached figure entitled "*Figure 1, Oil / Water Separator Concrete Cover Location*" shall be maintained in compliance with the **attached maintenance plan** in order to minimize the infiltration of water and prevent additional groundwater contamination that would violate the groundwater quality standards in ch. NR 140, Wis. Adm. Code. Inspections should begin no later than 6 months from the issuance date of this letter. The **attached maintenance plan and inspection log** are to be kept up-to-date and on-site (i.e. able to access electronically on site). Submit the inspection log to the DNR only upon request.

8. Vapor Mitigation or Evaluation

Vapor intrusion is the movement of vapors coming from volatile chemicals in the soil or groundwater, into buildings where people may breathe air contaminated by the vapors. Vapor mitigation systems are used to interrupt the pathway, thereby reducing or preventing vapors from moving into the building.

Depending on site-specific conditions, construction over contaminated materials 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.

Petroleum related compounds (i.e. benzene, toluene, ethylbenzene, xylene, trimethylbenzene, and naphthalene) remain in soil and groundwater at the site, as shown on the **attached map entitled "Figure H-6, Total Area of Soil and GW Contamination"**, at levels that may be of concern for vapor intrusion in the future, depending on construction and occupancy of a building. Currently the source area is paved with concrete which acts as a cap for groundwater protection. An adjacent office building where there is no soil contamination has a slab on grade structure, with minimal to no vapor risks. Before a building is constructed on the source area in the future, the property owner must notify the DNR and assess whether the closure conditions are still protective or whether building control technologies are warranted.

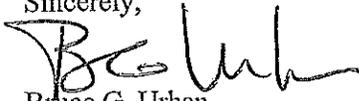
CONCLUSION

The following DNR fact sheet, "Continuing Obligations for Environmental Protection", RR-819, was included with this letter, to help explain a property owner's responsibility for continuing obligations on their property. If the fact sheet is lost, you may obtain a copy at <http://dnr.wi.gov/org/aw/rr/archives/pubs/RR819.pdf>.

Please be aware that the case may be reopened pursuant to s. NR 726.09, Wis. Adm. Code, 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.

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 Christine Lilek at (920) 892-8756, extension 3025.

Sincerely,

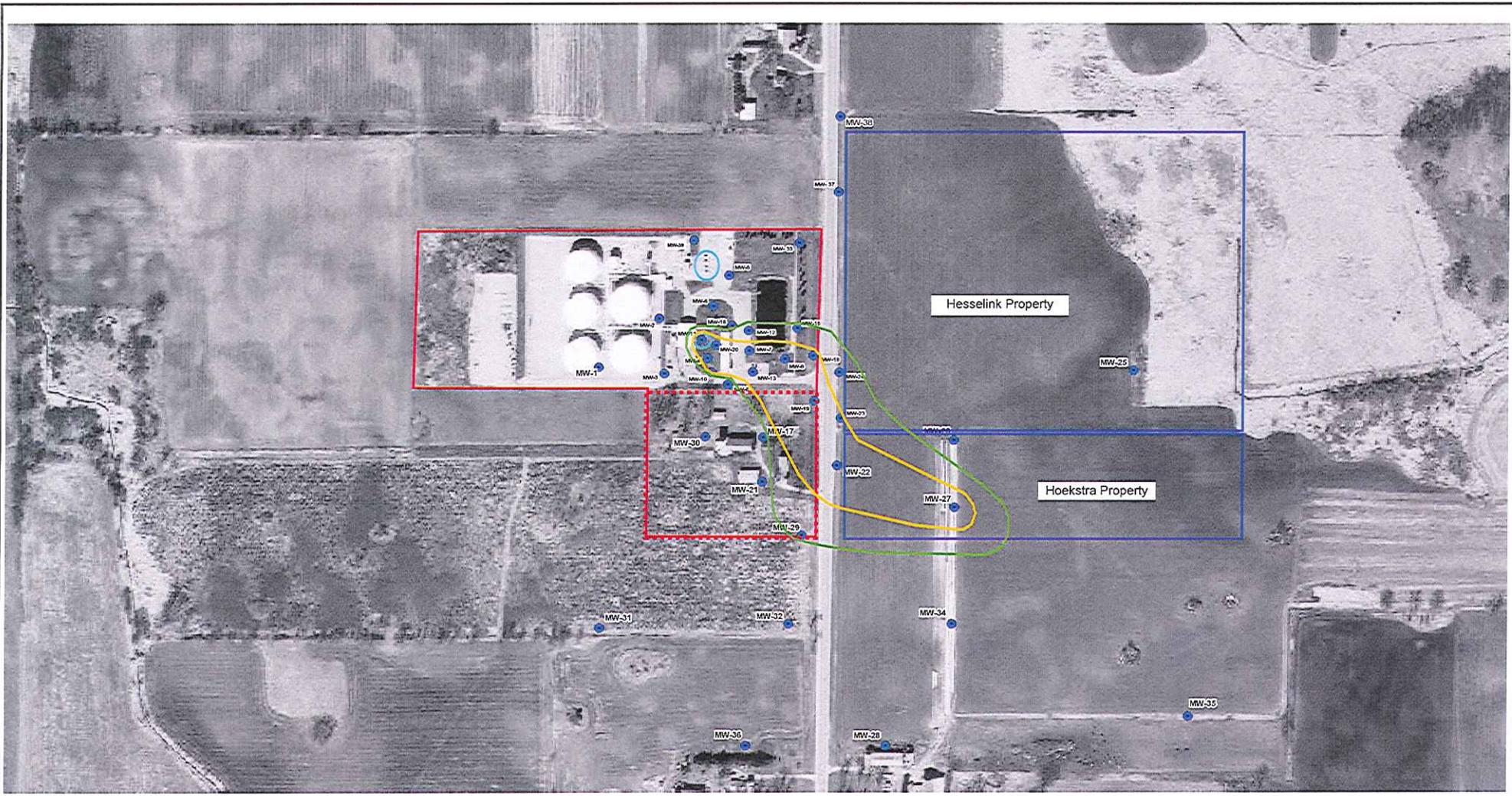


Bruce G. Urben
Air & Waste Leader
Northeast Region

cc: Case File -- OSH
Gregory Aldrian - Tetra Tech (electronic copy)
Glen Hesselink, N3206 W Center Rd, Waupun, WI 56963
Gerry Hoekstra, N4129 State Rd 26, Waupun, WI 56963

Attachments:

- Figure H-6, Total Area of Soil and GW Contamination
- Figure 1, Oil / Water Separator Concrete Cover Location
- Cap maintenance plan and log
- RR – 819



PROJECT: 1148340167
 DATE: 6/15/2010
 DRAWN BY: TN
 REVIEWED BY: GA
 PHOTO SOURCE: FOND DU LAC COUNTY
 YEAR: 2000
 S:/ SHARED/ENV/KOCH_FHR/WAUPUN/PROPOSED MW-39.PDF



FIGURE H-6
TOTAL AREA OF SOIL AND GW CONTAMINATION
WAUPUN BULK TERMINAL
FLINT HILLS RESOURCES PINE BEND, LLC
WAUPUN, WISCONSIN



7/28/08 Chemistry Data or the most current sampling data used for:
 All other wells

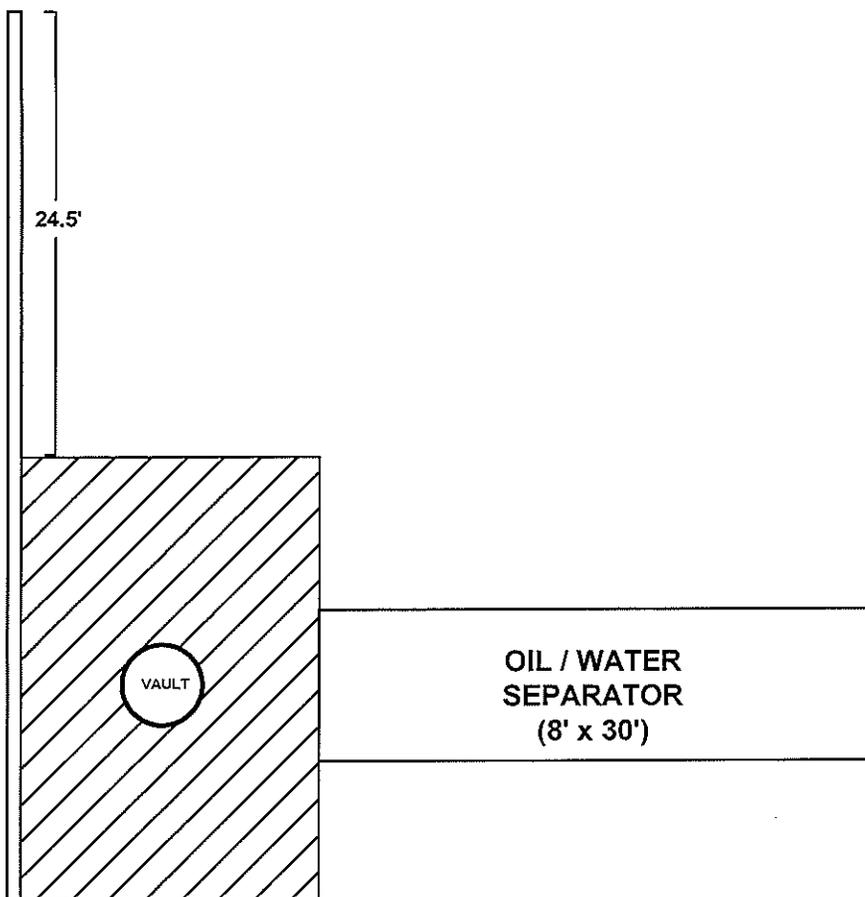
Legend

- Monitoring Wells
- FHR Terminal Property
- FHR Farm Property
- Impacted Soil Area
- Impacted GW Area > ES
- Impacted GW Area > PAL



24.5'

LOADING
RACK



LEGEND

○ = VAULT

▨ = CONCRETE COVER
(16' x 24')



TETRA TECH, INC.
Wausau, Wisconsin

FIGURE 1

OIL / WATER SEPARATOR CONCRETE COVER LOCATION
WAUPUN BULK STORAGE TERMINAL
FLINT HILLS RESOURCES PINE BEND, LLC
WAUPUN, WISCONSIN

PROJECT #: 114-340585
DATE: 11/14/11
DRAWN BY: TAN/MAM
REVIEWED BY: GMA
SCALE: 1" = 10'

S:\Autocad\Koch\Waupun\Closure figs\Concrete Cover Location.dwg

Please submit the Maximo request form to the Work Management Department via a Work Order. This form is required to generate a new Job Plan in MAXIMO.
Do not use this form for new equipment or a new PM when the Job Plan already exists.

Date: November 2011
Requested By: Eric Dominiack
Contact Phone Number: 651-480-3830

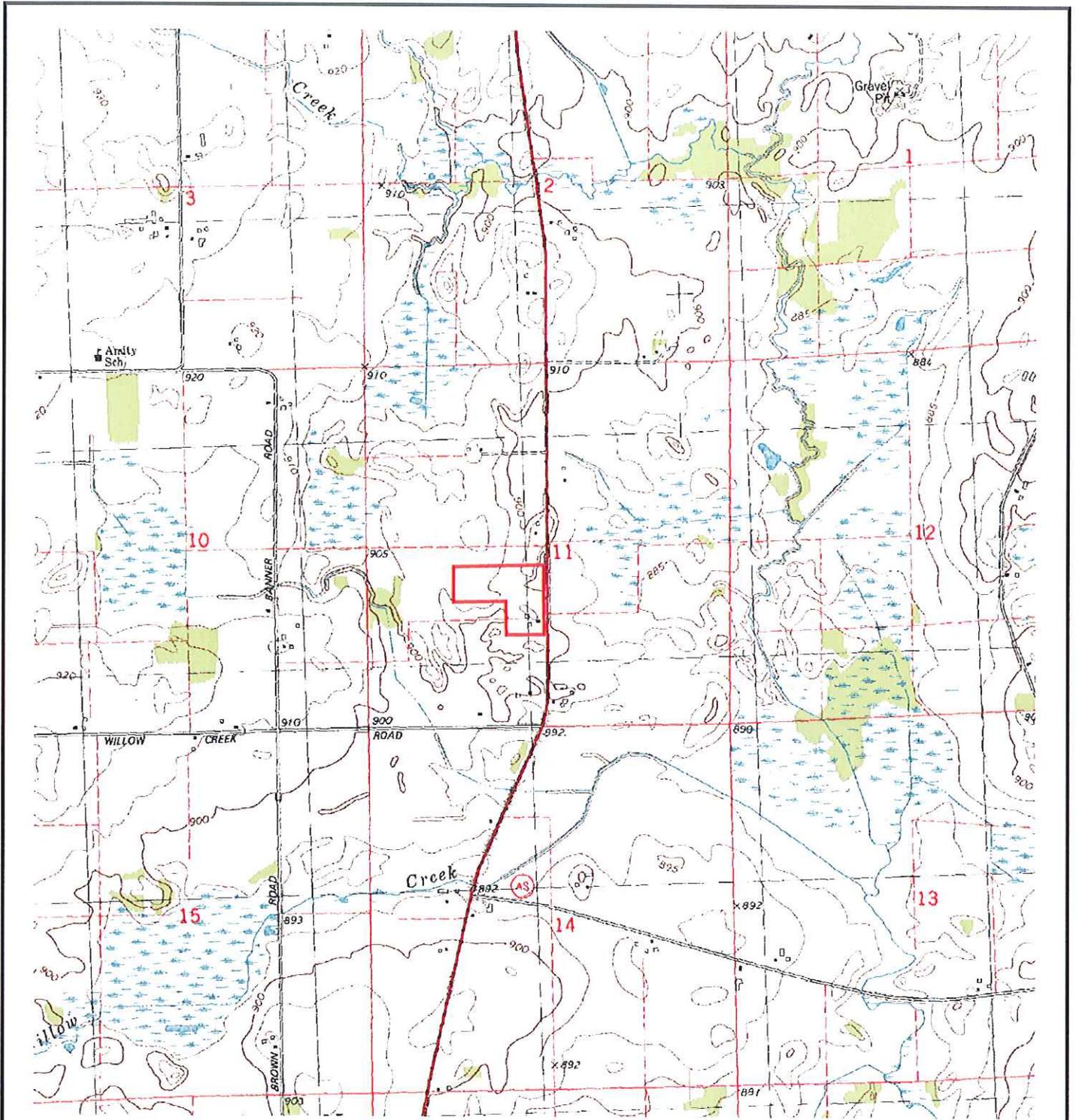
JOB PLAN TITLE:	Waupun Oil Water Separator Concrete Slab Inspection.
JOB PLAN OWNER: (Capability)	Environmental
FILE TYPE:	Best Practice <input type="checkbox"/> Compliance <input checked="" type="checkbox"/> Environmental <input type="checkbox"/> Inspection <input checked="" type="checkbox"/> Maintenance <input type="checkbox"/> O&M <input type="checkbox"/>
REG GUIDANCE: (Regulatory reference or code, including TG, Standards)	Waupun Remediation Site Closure Requirement
SCOPE: (description of task & why it is required)	The WDNR asked FHR to maintain and periodically inspect the 16' x 24' concrete slab around the OWS as a part of the remediation site closure process (BRRTS Number 02-20-343581). The inspection conditions are documented in XXXXX. The purpose is to ensure the concrete remains sound and prevents the infiltration of precipitation into the ground which may result in leaching of residual soil contamination into groundwater.
PCC IMPACT: Does the pipeline control center need to be notified)	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
PREREQUISITES: (including any notifications that must be made prior to starting work)	N/A
ACTIONS: (Instructions for completing task)	1. Verify that the 16' x 24' concrete slab covering the OWS has not been damaged, by looking for cracks, buckling etc. 2. If damage is observed, create a pertinent work order to initiate maintenance/repair activities.
POST TASKS: (Include requirements to be completed or post notifications to be made)	N/A
GENERAL INFORMATION:	N/A
WO IMPLEMENTER: (who will the WO be assigned to, Title, not employee name)	Operations
POST REVIEW	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
REVIEWER (title, not employee name)	Environmental Engineer
HELP CONTACT: (title, not employee name)	Environmental Advisor
DOCUMENTATION: (acceptable paperwork to close WO, include form name & number)	If damage is observed, attach maintenance/repair documentation to pertinent work order.
RETENTION: (DO NOT CHANGE)	Per FHR Records Information Management Index



MAXIMO Job Plan Template

FOR MAXIMO ADMIN USE, ONLY	COMPLETION DATE:
COMPLETED BY:	REMARKS:
NEW JOB PLAN ID:	WO #:



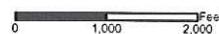


PROJECT NO.: 5340050
 DATE: 06/06/2005
 DRAWN BY: TT
 REVIEWED BY: CO
 SOURCE: USGS
 YEAR: 1980
 QUADRANGLE: WAUPUN NORTH
 S:/gis/koch_gis/WaupunGIS4/Projects/
 Ground water Sampling/2005/Site Location.mxd

SECTION A - FIGURE 1
SITE LOCATION MAP
WAUPUN BULK TERMINAL
FLINT HILLS RESOURCES, LP
FOND DU LAC COUNTY, WISCONSIN

Legend

 Site Location





State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Scott Walker, Governor
Cathy Stepp, Secretary

Wisconsin Department of Natural
Resources
Plymouth Service Center
1155 Pilgrim Rd
Plymouth, WI 53073
FAX 920-892-6638

November 11, 2011

Mr. Gerry Hoekstra
N4129 State Road 26
Waupun, WI 53963

SUBJECT: Continuing Obligations and Property Owner Requirements for **Hoekstra Farm Field**
Section 11, Township 14N, Range 15E, South 10 acres of NW ¼ of SE ¼
Parcel Identification Number: T21-14-15-11-14-002-00
Final Case Closure for Koch Pipeline, 4240 State Hwy 26, Waupun, WI
WDNR BRRTS Activity #: 02-20-343581

Dear Mr. Hoekstra:

The purpose of this letter is to notify you that certain continuing obligations apply to the property at Hoekstra Farm Field located at Section 11, Township 14N, Range 15E, South 10 acres of NW ¼ of SE ¼, Parcel Identification Number: T21-14-15-11-14-002-00, (referred to in this letter as the "Property") due to contamination remaining on the Property. The continuing obligations are part of the cleanup and case closure approved for the above referenced case, located at Koch Pipeline, 4240 State Hwy 26, Waupun, Wisconsin.

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 is shown on the Internet at <http://dnr.wi.gov/org/aw/r1/gis/index.htm>. How to find further information about the closure and residual contamination for this site can be located at <http://dnr.wi.gov/org/aw/r1/clean.htm>.

The Department reviewed and approved the case closure request regarding the petroleum (benzene, toluene, ethylbenzene, xylene, trimethylbenzene, and naphthalene) contamination on the site from leakage at the oil/water separator area in soil and groundwater, based on the information submitted by Tetra Tech. 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 Flint Hills Resources LP, dated October 28, 2011. However, only the following continuing obligations apply to your Property.

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

Groundwater contamination, greater than enforcement standards, is present both on Koch Pipeline property and off site on your Property, as shown on the attached map. DNR approval prior to well construction or

reconstruction is required for all sites with residual contamination, shown on the GIS Registry.

GIS Registry – Well Construction Approval Needed

Because of the residual type of media contaminated contamination and the continuing obligations, this site, which includes your Property, will be listed on the Department's internet accessible GIS Registry, at <http://dnr.wi.gov/org/aw/rr/gis/index.htm>. If you intend to construct or reconstruct a well on the Property, you will need to get Department approval in accordance with s. NR 812.09(4) (w), Wis. Adm. Code. To obtain approval, Form 3300-254 needs to be completed and submitted to the DNR Drinking and Groundwater program's regional water supply specialist. A well driller can help with this form. This form can be obtained on-line <http://dnr.wi.gov/org/water/dwg/3300254.pdf>. If at some time, all these continuing obligations are fulfilled, and the remaining contamination is either removed or meets applicable standards, you may request the removal of the Property from the GIS Registry.

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 strongly encouraged to pass on the information about these continuing obligations to anyone who purchases this property from you (i.e. pass on this letter). For residential property transactions, you are required to make disclosures under Wis. Stats. s. 709.02. 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 Department. The Department 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 Department 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.

When maintenance of a continuing obligation is required, the Property owner is responsible for inspections, repairs, or replacements as needed. Such actions should be documented by the Property owner and the records kept accessible for the Department to review for as long as the Department directs.

You and any subsequent Property owners are responsible for notifying the Department, and obtaining approval, before making any changes to the property that would affect the obligations applied to the Property. Send all written notifications in accordance with the above requirements to **WDNR Plymouth Service Center**, 1155 Pilgrim Rd, Plymouth, WI 53073, to the attention of Christine Lilek – RR Program Hydrogeologist.

Continuing Obligations and Property Owner Requirements for Hoekstra Farm Field Page: 3
Section 11, Township 14N, Range 15E, South 10 acres of NW ¼ of SE ¼
Parcel Identification Number: T21-14-15-11-14-002-00
Final Case Closure for Koch Pipeline, 4240 State Hwy 26, Waupun, WI
WDNR BRRTS Activity #: 02-20-343581
November 11, 2011

The following DNR fact sheet, RR-819, "Continuing Obligations for Environmental Protection" has been included with this letter, to help explain a property owner's responsibility for continuing obligations on their property. If the fact sheet is lost, you may obtain a copy at <http://dnr.wi.gov/org/aw/rr/archives/pubs/RR819.pdf>.

Under s. 292.13, Wis. Stats., owners of properties affected by contamination from another property are generally exempt from investigating or cleaning up a hazardous substance discharge that has migrated onto a property from another property, through the soil, groundwater or sediment pathway. However, the exemption under s. 292.13, Wis. Stats., does not exempt the property owner from the responsibility to maintain a continuing obligation placed on the property in accordance with s. 292.12, Wis. Stats. To maintain this exemption, that statute requires the current property owner and any subsequent property owners, to meet the conditions in the statute, including:

- Granting reasonable access to DNR or responsible party, or their contractors;
- Avoiding interference with response actions taken; and
- Avoiding actions that make the contamination worse (e.g., demolishing a structure and causing or worsening the discharges to the environment).

The Department appreciates your efforts. If you have any questions regarding this closure decision or anything outlined in this letter, please contact Christine Lilek – RR Program Hydrogeologist at (920) 892-8756, extension 3025.

Sincerely,



Bruce Urben
NER Remediation & Redevelopment Team Supervisor

Attachments:

Final Closure Letter
Maintenance plan
Location map

cc: Nicole Cory, Flint Hills Resources, LP
Greg Aldrian, Tetra Tech

[Note: A copy of this letter is placed in the GIS Registry packet along with the closure letter]

Enclosure: RR 819 – Continuing Obligations Fact Sheet



State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Scott Walker, Governor
Cathy Stepp, Secretary

Wisconsin Department of Natural
Resources
Plymouth Service Center
1155 Pilgrim Rd
Plymouth, WI 53073
FAX 920-892-6638

November 11, 2011

Flint Hills Resources LP
Attn Nicole Cory
4111 E 37th St N
Wichita, KS 67220

KEEP THIS DOCUMENT WITH YOUR PROPERTY RECORDS

SUBJECT: Final Case Closure with Continuing Obligations
Koch Pipeline Co, Waupun, Wisconsin
WDNR BRRTS Activity # 02-20-343581

Dear Ms. Cory:

The Department of Natural Resources (DNR) considers Koch Pipeline Co, Waupun, Wisconsin BRRTS Activity # 02-20-343581 closed with continuing obligations. No further investigation or remediation is required at this time. However, you and future property owners 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 attached maintenance plan to anyone who purchases this property from you.

This final closure decision is based on the correspondence and data provided, and is issued under ch. NR 726, Wisconsin Administrative Code. The Northeast Region Closure Committee reviewed the request for closure on August 22, 2011. Additional information was submitted on September 22, 2011: revised groundwater standards contour map, table listing last four groundwater sample rounds and revised off-site groundwater contamination notification letters. The Closure Committee reviews environmental remediation cases for compliance with state laws and standards to maintain consistency in the closure of these cases. The Department received final documentation regarding two conditions of closure (well abandonment and purge water disposal) on October 21, 2011.

The Department reviewed the case closure request regarding the petroleum (benzene, toluene, ethylbenzene, xylene, trimethylbenzene, and naphthalene) contamination on the site from leakage at the oil/water separator area in soil and groundwater at this site. In summary, the source property is an active above ground storage tank facility for petroleum products. Remedial actions included: excavation of contaminated soils, replacement of oil/water separator vault, installation and maintenance of concrete cover over remaining contaminated soil, dual pump and treat groundwater system and natural attenuation monitoring of groundwater. Based on the correspondence and data provided, it appears that your case meets the closure requirements in ch. NR 726, Wisconsin Administrative Code. The Department considers this case closed and no further investigation or remediation is required at this time. However, you and any future property owners must comply with certain continuing obligations as explained in this letter. The conditions of closure and continuing obligations required were based on the property being used for industrial purposes.

Continuing Obligations

The continuing obligations for this site are summarized below. Further details are found in a subsequent section titled Closure Conditions.

1. Groundwater contamination is present above ch. NR 140 enforcement standards. Affected property owners were notified of the presence of groundwater contamination. DNR approval prior to well construction or reconstruction is required for all sites with residual contamination, shown on the GIS Registry
2. Residual soil contamination exists under the concrete cover that must be properly managed should it be excavated or removed.
3. Monitoring wells MW-5, MW-15, MW-33, MW-37, MW-38 and MW-39 are being transferred for continued monitoring to the Flint Hills Resources LLC MW33 /MW37 Investigation BRRTS #02-20-553397. Do NOT fill and seal these wells at this time.
4. Before the land use may be changed from the current industrial zoning, additional environmental work may be necessary.
5. This property may not be used or developed for a residential, commercial, agricultural or other non-industrial use, unless prior written approval has been obtained from the DNR.
6. Concrete cover as shown on the attached figure entitled "**Figure 1, Oil / Water Separator Concrete Cover Location**" must be maintained over remaining contaminated soil as shown on the attached map entitled "**Figure H-6, Total Area of Soil and GW Contamination**" and the state must approve any changes to this concrete cover.
7. Concrete cover maintenance plan and inspection log are to be kept up-to-date and on-site (i.e. able to access electronically on site).
8. Remaining soil contamination could result in vapor intrusion if future construction activities occur at the concrete cover. If new building construction is planned, an assessment must be made of whether the closure is still protective or whether building control technologies are appropriate.

GIS Registry

This site will be listed on the Remediation and Redevelopment Program's internet accessible GIS Registry, to provide notice of residual contamination and of any continuing obligations. This letter and information that was submitted with your closure request application, including the maintenance plan, will be included on the GIS Registry in a PDF attachment. To review the site on the GIS Registry web page, visit the RR Sites Map page at <http://dnr.wi.gov/org/aw/rr/gis/index.htm>. All site information is also on file at the DNR Oshkosh Service Center located at 625 E. County Road Y, Oshkosh, WI.

[NOTE: If you intend to construct a new well, or reconstruct an existing well, you'll need prior DNR approval, in accordance with s. NR 812.09(4) (w), Wis. Adm. Code. 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 <http://dnr.wi.gov/org/water/dwg/3300254.pdf> or at the web address listed below for the GIS Registry.]

Prohibited Activities

Certain activities are prohibited at closed sites because maintenance of a barrier is intended to prevent contact with any remaining contamination. When a barrier is required, the condition of closure requires notification of the DNR before making a change, in order to determine if further action is needed to maintain the protectiveness of the remedy employed. The following activities are prohibited on any portion of the property where the concrete cover is required as shown on the attached figure entitled "**Figure 1, Oil / Water Separator Concrete Cover Location**", unless prior written approval has been obtained from the DNR:

- removal of the existing barrier;

- replacement with another barrier;
- excavating or grading of the land surface;
- filling on capped or paved areas;
- construction or placement of a foundation or other structure requiring excavation;
- changing the use or occupancy of the property to certain uses, such as single or multiple-family residences, a day care, senior center, hospital, or for a similar sensitive population.

Closure Conditions

Compliance with the requirements of this letter is a responsibility to which the current property owner and any subsequent property owners must adhere. If these requirements are not followed, the DNR may take enforcement action under s. 292.11, Wisconsin Statutes to ensure compliance with the specified requirements, limitations or other conditions related to the property. If additional information regarding site conditions indicates that contamination on or from the site poses a threat to public health, safety, welfare, or the environment, this case may be reopened pursuant to s. NR 726.09, Wis. Adm. Code. DNR staff will conduct periodic inspections to ensure that the conditions included in this letter and the attached maintenance plans are met.

1. Residual Groundwater Contamination (ch. NR 140, 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 map entitled "Figure H-6, Total Area of Soil and GW Contamination"**. Affected property owners were notified of the presence of groundwater contamination. DNR approval prior to well construction or reconstruction is required for all sites with residual contamination, shown on the GIS Registry.

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

Soil contamination remains at depth in the vault area (eleven feet below ground) indicated on the **attached map entitled "Figure H-6, Total Area of Soil and GW Contamination"**. If soil in the specific locations described above is excavated in the future, the property owner 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 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. In addition, all current and future owners and occupants of the property 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.

3. Industrial Soil Standards (s. NR 726.05(8)(b)1., Wis. Adm. Code)

Soil contamination remains at vault sample (eleven feet below ground) of residual soil contamination, as shown on the attached map **entitled "Figure H-6, Total Area of Soil and GW Contamination"**. Samples contained benzene that exceeded NR 720.11, Table 2 non-industrial soil standards and met NR 720.11, Table 2 industrial standards. This property may not be used or developed for a residential, commercial, agricultural or other non-industrial use, unless prior written approval has been obtained from the DNR. An investigation and remedial action to meet applicable soil cleanup standards may be required at that time.

4. Land Use

This property may not be used or redeveloped for residential use, unless prior written approval has been obtained from the DNR. An investigation and remedial action to meet applicable soil cleanup standards may be required at that time.

5. Transfer of Monitoring Wells

Monitoring Wells MW-5, MW-15, MW-33, MW-37, MW-38 and MW-39 will be transferred to Flint Hills Resources LLC MW-33/MW-37 Investigation (BRRTS #02-20-553397) and Monitoring Wells MW-1, MW-2, MW-3, MW-5, MW-9, MW-11, MW-33 and MW-39 will be kept for voluntarily (these voluntary wells can be abandoned at any time) site wide sampling checks in the future.

MW-5, MW-15, MW-33, MW-37, MW-38 and MW-39 monitoring wells should not be filled and sealed at this time. Well filling and sealing will be required of MW-15, MW-37, and MW-38 for the Flint Hills Resources LLC MW-33/MW37 Investigation, upon conclusion of the cleanup of that site. MW-5, MW-15, MW-33, MW-37, MW-38 and MW-39 wells are identified on the **attached map entitled "Figure H-6, Total Area of Soil and GW Contamination"**. Note: Monitoring wells MW-6, MW-7, MW-8, MW-10, MW-12, MW-13, MW-14, MW-16, MW-17, MW-18, MW-19, MW-20, MW-21, MW-22, MW-23, MW-24, MW-25, MW-26, MW-27, MW-28, MW-29, MW-30, MW-31, MW-32, MW-34, MW-35, MW-36, PZ-1, PZ-2, PZ-3, and PZ-4 were abandoned on October 12, 2011. All groundwater extraction wells (RW-1, RW-2, RW-3, RW-4, RW-5, RW-6 and RW-7) were also abandoned on October 12, 2011.

6. Cover or Barrier (s. 292.12(2)(a), Wis. Stats)

The concrete cover that exists in the location shown on the attached figure entitled "*Figure 1, Oil / Water Separator Concrete Cover Location*" shall be maintained in compliance with the attached maintenance plan in order to minimize the infiltration of water and prevent additional groundwater contamination that would violate the groundwater quality standards in ch. NR 140, Wis. Adm. Code. A cover or barrier for industrial land uses, or certain types of commercial land uses may not be protective if use of the property were to change such that a residential exposure would apply. This may include, but is not limited to single or multiple family residences, a school, day care, senior center, hospital or similar settings. Before using the property for such purposes, you must notify the DNR to determine if additional response actions are warranted. A request may be made to modify or replace a cover or barrier. The replacement or modified cover or barrier must be protective of the revised use of the property, and must be approved in writing by the DNR prior to implementation.

7. Concrete Cover Maintenance Plan

The concrete cover that exists in the location shown on the attached figure entitled "*Figure 1, Oil / Water Separator Concrete Cover Location*" shall be maintained in compliance with the **attached maintenance plan** in order to minimize the infiltration of water and prevent additional groundwater contamination that would violate the groundwater quality standards in ch. NR 140, Wis. Adm. Code. Inspections should begin no later than 6 months from the issuance date of this letter. The **attached maintenance plan and inspection log** are to be kept up-to-date and on-site (i.e. able to access electronically on site). Submit the inspection log to the DNR only upon request.

8. Vapor Mitigation or Evaluation

Vapor intrusion is the movement of vapors coming from volatile chemicals in the soil or groundwater, into buildings where people may breathe air contaminated by the vapors. Vapor mitigation systems are used to interrupt the pathway, thereby reducing or preventing vapors from moving into the building.

Depending on site-specific conditions, construction over contaminated materials 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.

Petroleum related compounds (i.e. benzene, toluene, ethylbenzene, xylene, trimethylbenzene, and naphthalene) remain in soil and groundwater at the site, as shown on the **attached map entitled "Figure H-6, Total Area of Soil and GW Contamination"**, at levels that may be of concern for vapor intrusion in the future, depending on construction and occupancy of a building. Currently the source area is paved with concrete which acts as a cap for groundwater protection. An adjacent office building where there is no soil contamination has a slab on grade structure, with minimal to no vapor risks. Before a building is constructed on the source area in the future, the property owner must notify the DNR and assess whether the closure conditions are still protective or whether building control technologies are warranted.

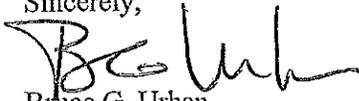
CONCLUSION

The following DNR fact sheet, "Continuing Obligations for Environmental Protection", RR-819, was included with this letter, to help explain a property owner's responsibility for continuing obligations on their property. If the fact sheet is lost, you may obtain a copy at <http://dnr.wi.gov/org/aw/rr/archives/pubs/RR819.pdf>.

Please be aware that the case may be reopened pursuant to s. NR 726.09, Wis. Adm. Code, 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.

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 Christine Lilek at (920) 892-8756, extension 3025.

Sincerely,

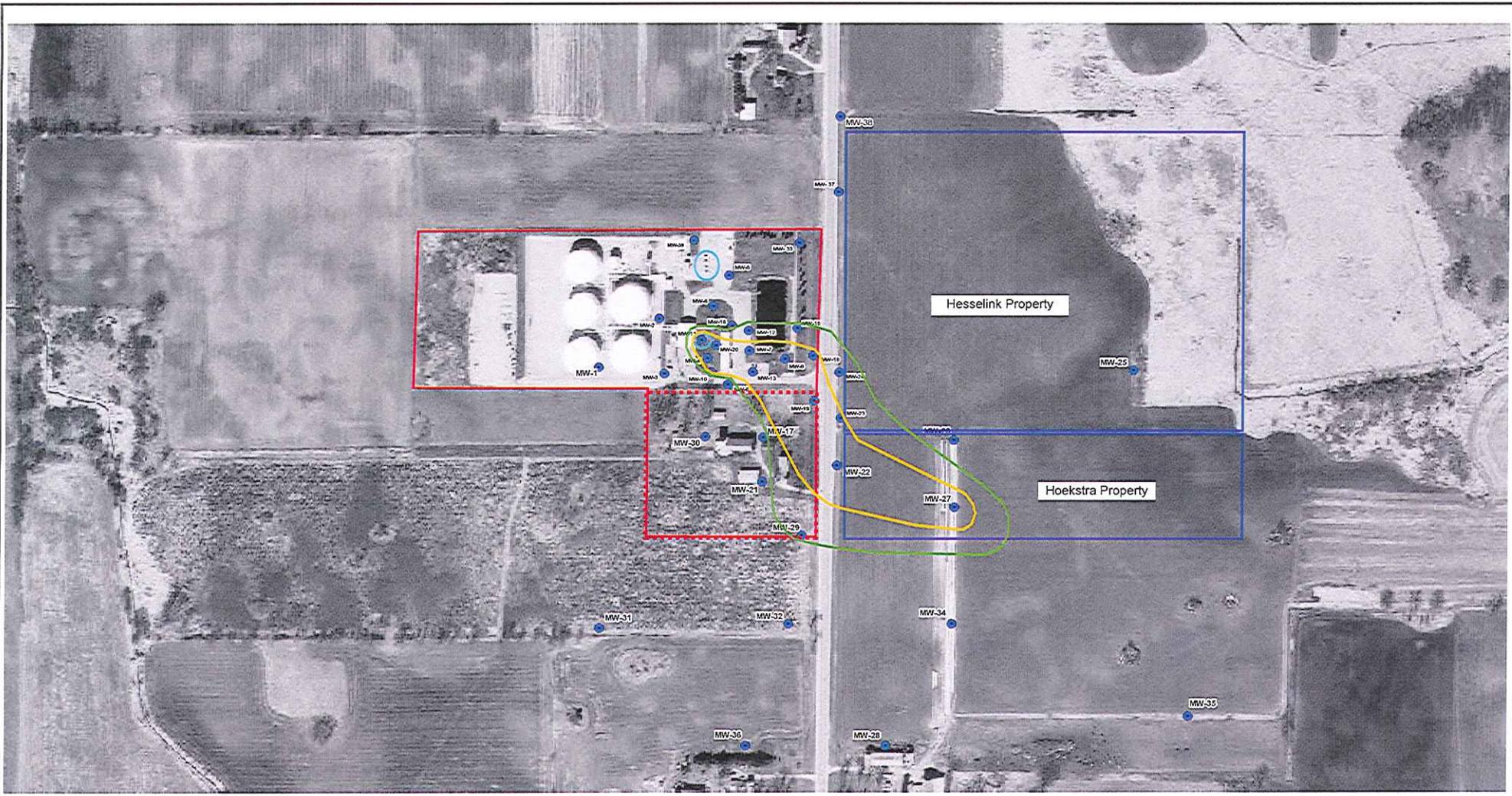


Bruce G. Urben
Air & Waste Leader
Northeast Region

cc: Case File -- OSH
Gregory Aldrian - Tetra Tech (electronic copy)
Glen Hesselink, N3206 W Center Rd, Waupun, WI 56963
Gerry Hoekstra, N4129 State Rd 26, Waupun, WI 56963

Attachments:

- Figure H-6, Total Area of Soil and GW Contamination
- Figure 1, Oil / Water Separator Concrete Cover Location
- Cap maintenance plan and log
- RR – 819



PROJECT: 1148340167
 DATE: 6/15/2010
 DRAWN BY: TN
 REVIEWED BY: GA
 PHOTO SOURCE: FOND DU LAC COUNTY
 YEAR: 2000
 S:/ SHARED/ENV/KOCH_FHR/WAUPUN/PROPOSED MW-39.PDF



FIGURE H-6
TOTAL AREA OF SOIL AND GW CONTAMINATION
WAUPUN BULK TERMINAL
FLINT HILLS RESOURCES PINE BEND, LLC
WAUPUN, WISCONSIN

7/28/08 Chemistry Data or the most current sampling data used for:
 All other wells

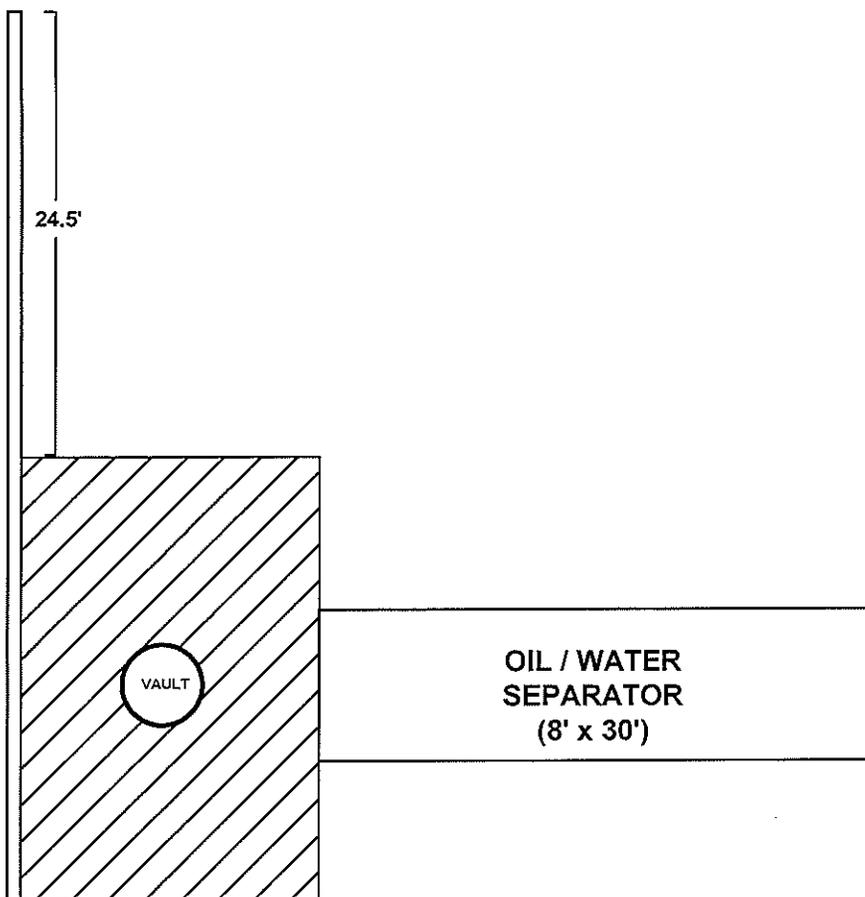
Legend

- Monitoring Wells
- ▭ FHR Terminal Property
- ▭ FHR Farm Property
- Impacted Soil Area
- Impacted GW Area > ES
- Impacted GW Area > PAL



24.5'

LOADING
RACK



LEGEND

○ = VAULT

▨ = CONCRETE COVER
(16' x 24')



TETRA TECH, INC.
Wausau, Wisconsin

FIGURE 1

OIL / WATER SEPARATOR CONCRETE COVER LOCATION
WAUPUN BULK STORAGE TERMINAL
FLINT HILLS RESOURCES PINE BEND, LLC
WAUPUN, WISCONSIN

PROJECT #: 114-340585
DATE: 11/14/11
DRAWN BY: TAN/MAM
REVIEWED BY: GMA
SCALE: 1" = 10'

S:\Autocad\Koch\Waupun\Closure figs\Concrete Cover Location.dwg

Please submit the Maximo request form to the Work Management Department via a Work Order. This form is required to generate a new Job Plan in MAXIMO.

Do not use this form for new equipment or a new PM when the Job Plan already exists.

Date: November 2011

Requested By: Eric Dominiack

Contact Phone Number: 651-480-3830

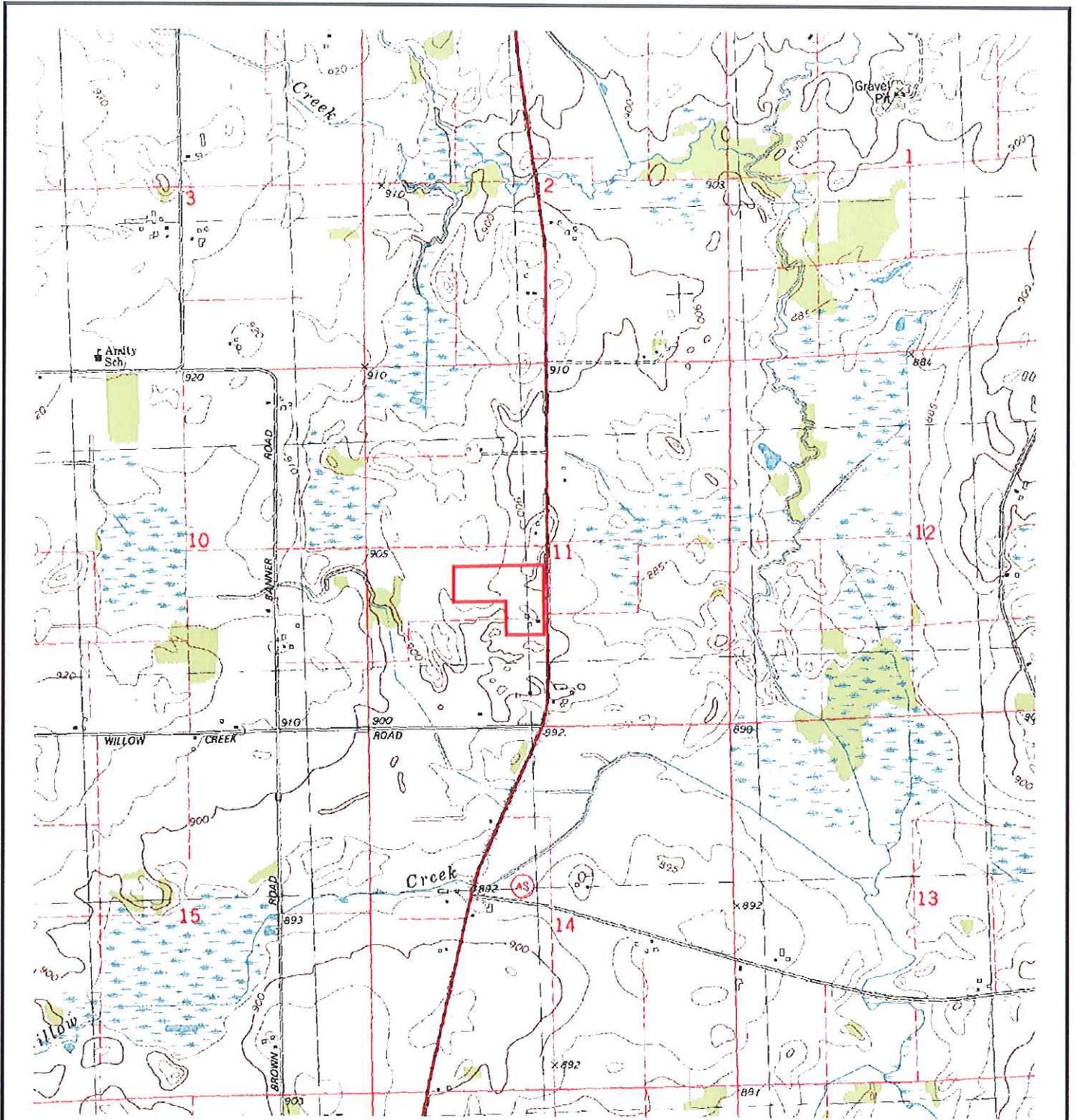
JOB PLAN TITLE:	Waupun Oil Water Separator Concrete Slab Inspection.
JOB PLAN OWNER: (Capability)	Environmental
FILE TYPE:	Best Practice <input type="checkbox"/> Compliance <input checked="" type="checkbox"/> Environmental <input type="checkbox"/> Inspection <input checked="" type="checkbox"/> Maintenance <input type="checkbox"/> O&M <input type="checkbox"/>
REG GUIDANCE: (Regulatory reference or code, including TG, Standards)	Waupun Remediation Site Closure Requirement
SCOPE: (description of task & why it is required)	The WDNR asked FHR to maintain and periodically inspect the 16' x 24' concrete slab around the OWS as a part of the remediation site closure process (BRRTS Number 02-20-343581). The inspection conditions are documented in XXXXX. The purpose is to ensure the concrete remains sound and prevents the infiltration of precipitation into the ground which may result in leaching of residual soil contamination into groundwater.
PCC IMPACT: Does the pipeline control center need to be notified)	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
PREREQUISITES: (including any notifications that must be made prior to starting work)	N/A
ACTIONS: (Instructions for completing task)	1. Verify that the 16' x 24' concrete slab covering the OWS has not been damaged, by looking for cracks, buckling etc. 2. If damage is observed, create a pertinent work order to initiate maintenance/repair activities.
POST TASKS: (Include requirements to be completed or post notifications to be made)	N/A
GENERAL INFORMATION:	N/A
WO IMPLEMENTER: (who will the WO be assigned to, Title, not employee name)	Operations
POST REVIEW	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
REVIEWER (title, not employee name)	Environmental Engineer
HELP CONTACT: (title, not employee name)	Environmental Advisor
DOCUMENTATION: (acceptable paperwork to close WO, include form name & number)	If damage is observed, attach maintenance/repair documentation to pertinent work order.
RETENTION: (DO NOT CHANGE)	Per FHR Records Information Management Index



MAXIMO Job Plan Template

FOR MAXIMO ADMIN USE, ONLY	COMPLETION DATE:
COMPLETED BY:	REMARKS:
NEW JOB PLAN ID:	WO #:



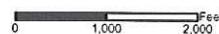


PROJECT NO.: 5340050
 DATE: 06/06/2005
 DRAWN BY: TT
 REVIEWED BY: CO
 SOURCE: USGS
 YEAR: 1980
 QUADRANGLE: WAUPUN NORTH
 S:/gis/koch_gis/WaupunGIS4/Projects/
 Ground water Sampling/2005/Site Location.mxd

SECTION A - FIGURE 1
SITE LOCATION MAP
WAUPUN BULK TERMINAL
FLINT HILLS RESOURCES, LP
FOND DU LAC COUNTY, WISCONSIN

Legend

 Site Location





State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Scott Walker, Governor
Cathy Stepp, Secretary
Bruce Urban, Regional Air & Waste Leader

Wisconsin Department of Natural Resources
Plymouth Service Center
1155 Pilgrim Rd
Plymouth, WI 53073
FAX 920-892-6638

September 26, 2011

Flint Hills Resources LP
Attn Nicole Cory
4111 E 37th St N
Wichita, KS 67220

Subject: Conditional Closure Decision with Requirements to Achieve Final Closure
Koch Pipeline Co, Waupun, Wisconsin
WDNR BRRTS Activity # 02-20-343581

Dear Ms. Cory:

On August 22, 2011, the Northeast Regional Closure Committee reviewed your request for closure of the case described above. Additional information was submitted on September 22, 2011: revised groundwater standards contour map, table listing last four groundwater sample rounds and revised off-site groundwater contamination notification letters. The Northeast Regional 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 Northeast Regional Closure Committee has determined that the petroleum (benzene, toluene, ethylbenzene, xylene, trimethylbenzene, and naphthalene) contamination on the site from leakage at the oil/water separator area at 4240 State Highway 26, Waupun, Wisconsin 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 s. NR 726.05, Wis. Adm. Code and will be closed if the following conditions are satisfied:

MONITORING WELL ABANDONMENT

The monitoring wells and other remediation system 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 Christine F Lilek - Hydrogeologist on Form 3300-005, found at <http://dnr.wi.gov/org/water/dwg/gw/> or provided by the Department of Natural Resources. Monitoring Wells MW-5, MW-15, MW-25, MW-33, MW-37, MW-38 and MW-39 will be transferred to Flint Hills Resources LLC MW-33/MW-37 Investigation (BRRTS #02-20-553397) and Monitoring Wells MW-1, MW-2, MW-3, MW-5, MW-9, MW-11, MW-33 and MW-39 will be kept for voluntarily site wide sampling checks in the future.

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 Department of Natural Resources' rules. Once that work is completed, please send appropriate documentation regarding the treatment or disposal of the remaining purge water, waste and/or soil piles.

When the above two 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 after the 30 day notification period ends on October 21, 2011. Your site will be listed on the DNR's Remediation and Redevelopment GIS Registry. Information that was submitted with your closure request application will be included on the GIS Registry. To review the site on the GIS Registry web page, visit the RR Sites Map page at: <http://dnr.wi.gov/org/aw/r/gis/index.htm>.

CONTINUING OBLIGATIONS AND RESPONSIBILITIES

As part of the approval of the closure of this case, you will be responsible for maintaining the following continuing obligations: Impervious cover above the oil/water separator area. In the final closure approval, you will also be required to conduct annual inspections. Documentation of the inspection will be required to be kept on site.

Please be aware that the case may be reopened pursuant to s. NR 726.09, Wis. Adm. Code, 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.

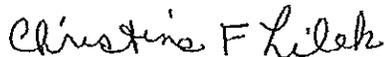
RIGHT-OF-WAY AND OFF-SITE CONTAMINATION LETTERS

Right-of-way notification letters were delivered to the State, County and Township Highway Departments on March 21, 2011 and off-site groundwater contamination notification letters (with a revised groundwater map) were delivered to Hoekstra and Hesselink property owners on September 21, 2011.

These notification letters explained that contaminated groundwater above NR 140, Wisconsin Administrative Code Enforcement Standard levels will be listed on the Department of Natural Resources' geographic information system (GIS) Registry of Closed Remediation Sites and that if they or any subsequent property owner wishes to construct or reconstruct a well on the property, special well construction standards may be necessary to protect the well from residual groundwater contamination.

We appreciate your efforts to restore the environment at this site. If you have any questions regarding this letter, please contact Christine Lilek at (920) 892 – 8756, extension 3025.

Sincerely,



Christine Lilek
Hydrogeologist
Remediation & Redevelopment Program

cc: Gregory Aldrian - Tetra Tech, 555 South 72nd Avenue, Wausau, WI 54401
NER - Plymouth Files

448629

REGISTER'S OFFICE

Fond du Lac County, Wis.
Recorded at 8 A M

JAN 27 1988

Vol. 965 Records Page 403

MARY A. BRICKLE
REGISTER OF DEEDS

This Deed, made between GLEN W. HESSELINK
a single man

and KOCH REFINING COMPANY, a Delaware Corporation Grantor

Witnesseth That the said Grantor, for a valuable consideration
One dollar (\$1.00) and other consideration
conveys to Grantee the following described real estate in Fond du Lac
County, State of Wisconsin: Grantee

RETURN TO
Buchholz & Sias Law Ofc.
P.O. Box 310
Waupun, WI 53963 #6

Parcel 1:

That part of the Southwest 1/4 of Section 11,
Township 14 North, Range 15 East, Fond du Lac
County, Wisconsin, described as follows:

Tax Parcel No:

Beginning at the northeast corner of said Southwest 1/4; thence on a
bearing of West along the north line of said Southwest 1/4 a distance
of 1357.00 feet; thence South 0 degrees 14 minutes 42 seconds West,
parallel with the east line of said Southwest 1/4 a distance of 333.30
feet; thence on a bearing of East, parallel with the north line of said
Southwest 1/4 a distance of 1357.00 feet to the east line of said South-
west 1/4; thence North 0 degrees 14 minutes 42 seconds East along said
east line a distance of 333.30 feet to the point of beginning.

Parcel 2:

That part of the Southwest 1/4 of Section 11, Township 14 North, Range
15 East, Fond du Lac County, Wisconsin, described as follows:

Commencing at the northeast corner of said Southwest 1/4; thence South
0 degrees 14 minutes 42 seconds West along the east line of said South-
west 1/4 a distance of 333.30 feet to the point of beginning of land to
be described; thence on a bearing of West parallel with the north line
(is) (is not) (continued on reverse)

Together with all and singular the hereditaments and appurtenances thereunto belonging;

And Glen W. Hesselink
warrants that the title is good, indefeasible in fee simple and free and clear of encumbrances except municipal
and zoning ordinances, recorded easements for public utilities located
adjacent to side and rear lot lines, recorded building and use restric-
tions and covenants, general taxes levied in the year of closing,
and will warrant and defend the same.

Dated this 18th day of January, 1988

(SEAL) Glen W. Hesselink (SEAL)

* Glen W. Hesselink
(SEAL) (SEAL)

TRANSFER
\$ 77.10
FFE

AUTHENTICATION

ACKNOWLEDGMENT

Signature(s) Glen W. Hesselink

STATE OF WISCONSIN

authenticated this 18 day of January, 1988

County, } ss.

William E. Buchholz

Personally came before me this day of
....., 19..... the above named

TITLE: MEMBER STATE BAR OF WISCONSIN

(if not authorized by § 708.06, Wis. Stats.)

to me known to be the person who executed the
foregoing instrument and acknowledge the same.

THIS INSTRUMENT WAS DRAFTED BY

BUCHHOLZ & SIAS LAW OFFICE

Waupun, Wisconsin 53963

(Signatures may be authenticated or acknowledged. Both
are not necessary.)

Notary Public County, Wis.
My Commission is permanent. (If not, state expiration
date:, 19.....)

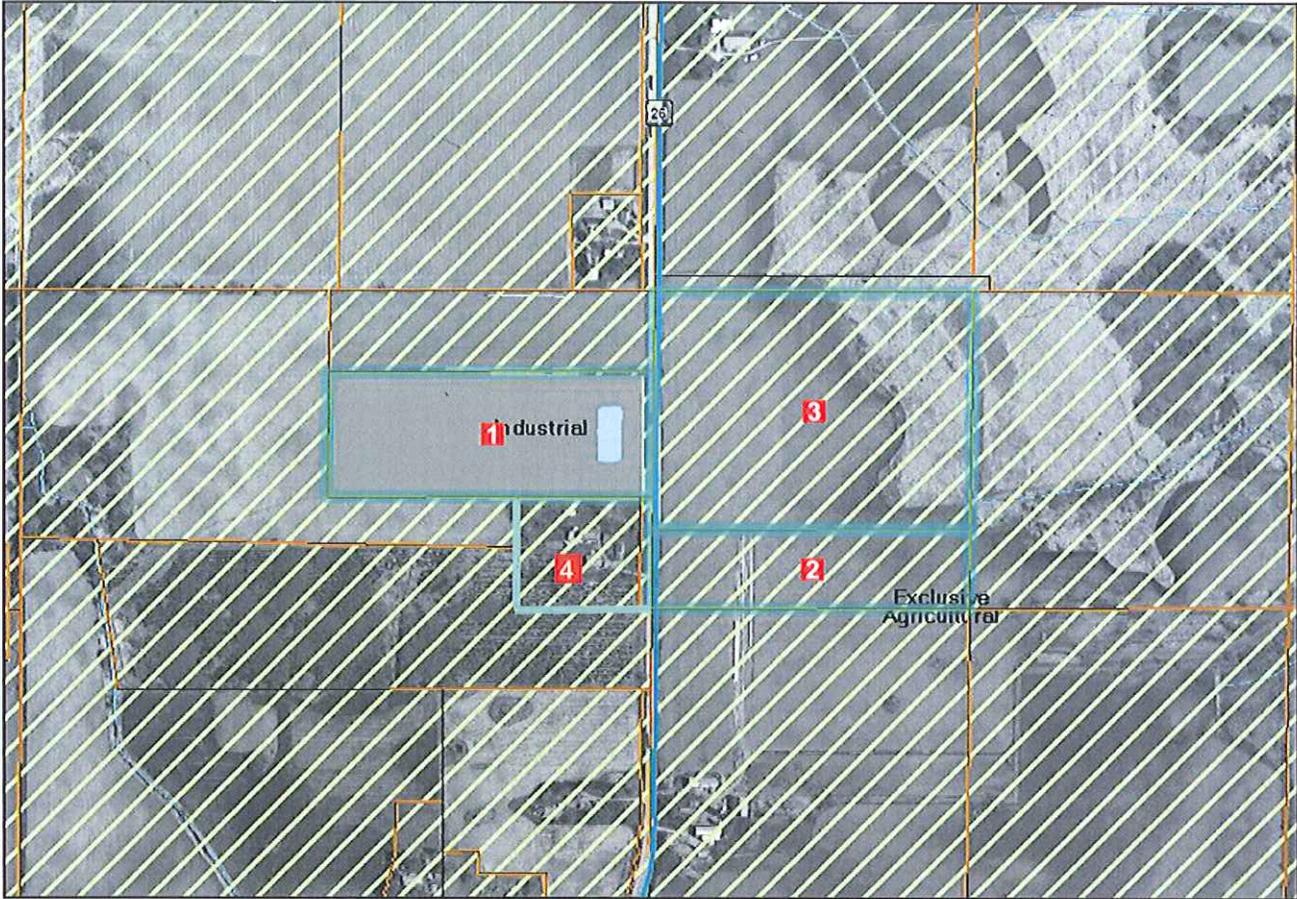
*Names of persons signing in any capacity should be typed or printed below their signatures.

VOL 965 PAGE 403

Description continued:

of said Southwest 1/4 a distance of 1357.00 feet; thence South 0 degrees 14 minutes 42 seconds West, parallel with the east line of said Southwest 1/4 a distance of 523.00 feet; thence on a bearing of East, parallel with the north line of said Southwest 1/4 a distance of 1357.00 feet to the east line of said Southwest 1/4; thence North 0 degrees 14 minutes 42 seconds East along said east line a distance of 523.00 feet to the point of beginning.

SECTION A - FIGURE 3
 ZONING MAP
 Fond du Lac County, WI



1.	T21-14-15-11-09-002-00 N4240 STATE ROAD 26 KOCH REFINING COMPANY	3.	T21-14-15-11-14-001-00 - GLEN W HESSELINK
2.	T21-14-15-11-14-002-00 - GERRY A HOEKSTRA	4.	T21-14-15-11-09-001-00 The former Hesselink property, acquired by FHR on 10/30/06

Disclaimer: The information displayed on this map was obtained from the Fond du Lac County Geographic Information System (GIS) and is intended to be used as a reference only. Fond du Lac County assumes no liability for the accuracy of this map or its use. Please contact the Land Information Department if you discover any discrepancies on this document.

Map Scale
 1 inch = 761 feet

5/29/2009

WDNR Case Summary and Close Out Form
GIS Registry Checklist Information
RP Statement

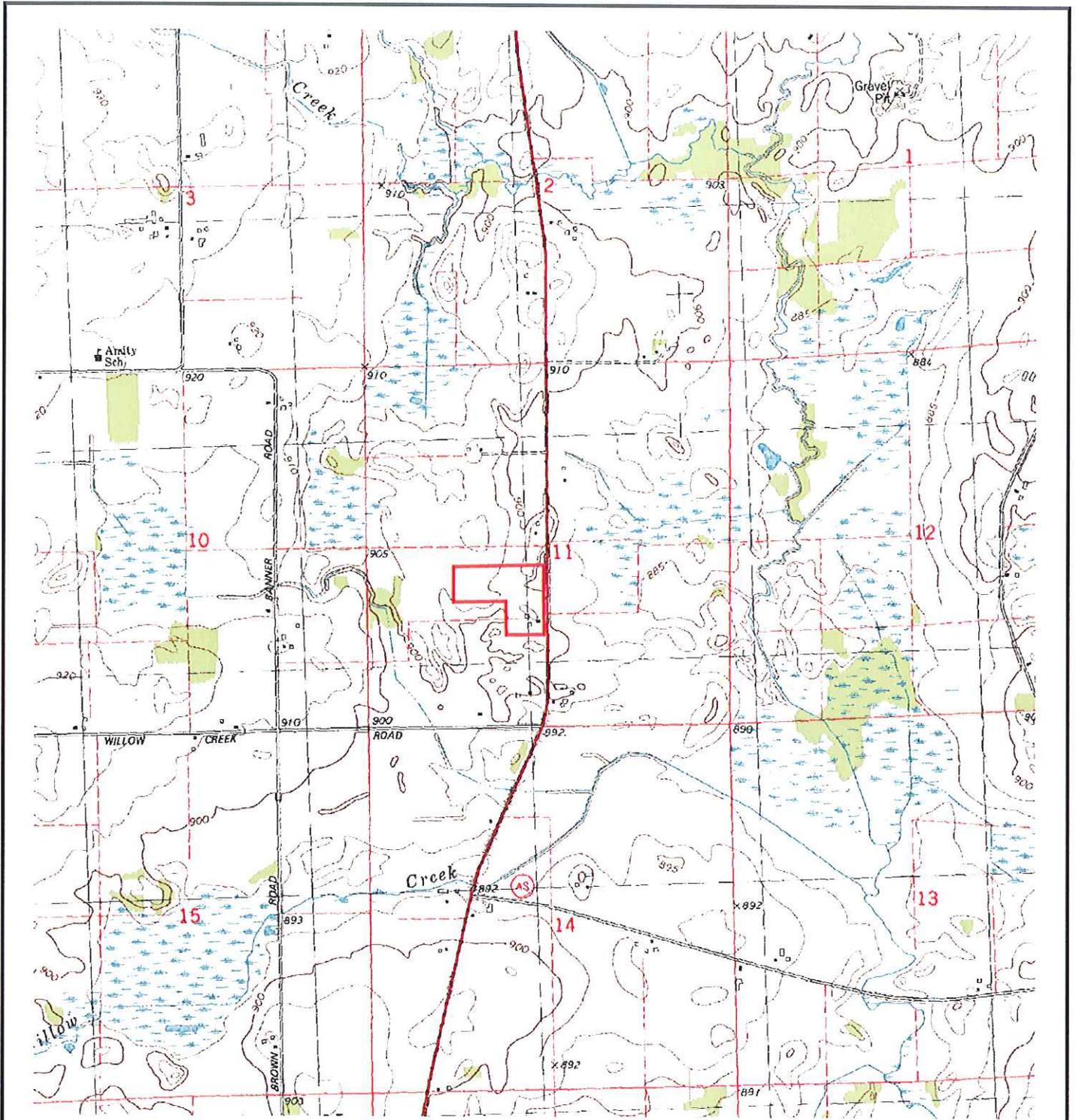
Flint Hills Resources Pine Bend, LLC
Waupun, WI Fuel Terminal
BRRTs # 02-20-343581

"I believe that the attached legal description of the Waupun, WI fuel terminal property, owned and operated by Flint Hills Resources Pine Bend, LLC, accurately describes the correct contaminated source property."

Signed: 

Dated: 3-21-11

Jim Polun
Terminal Manager
Flint Hills Resources Pine Bend, LLC
N4240 Highway 26
Waupun, WI 53963

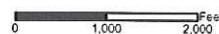


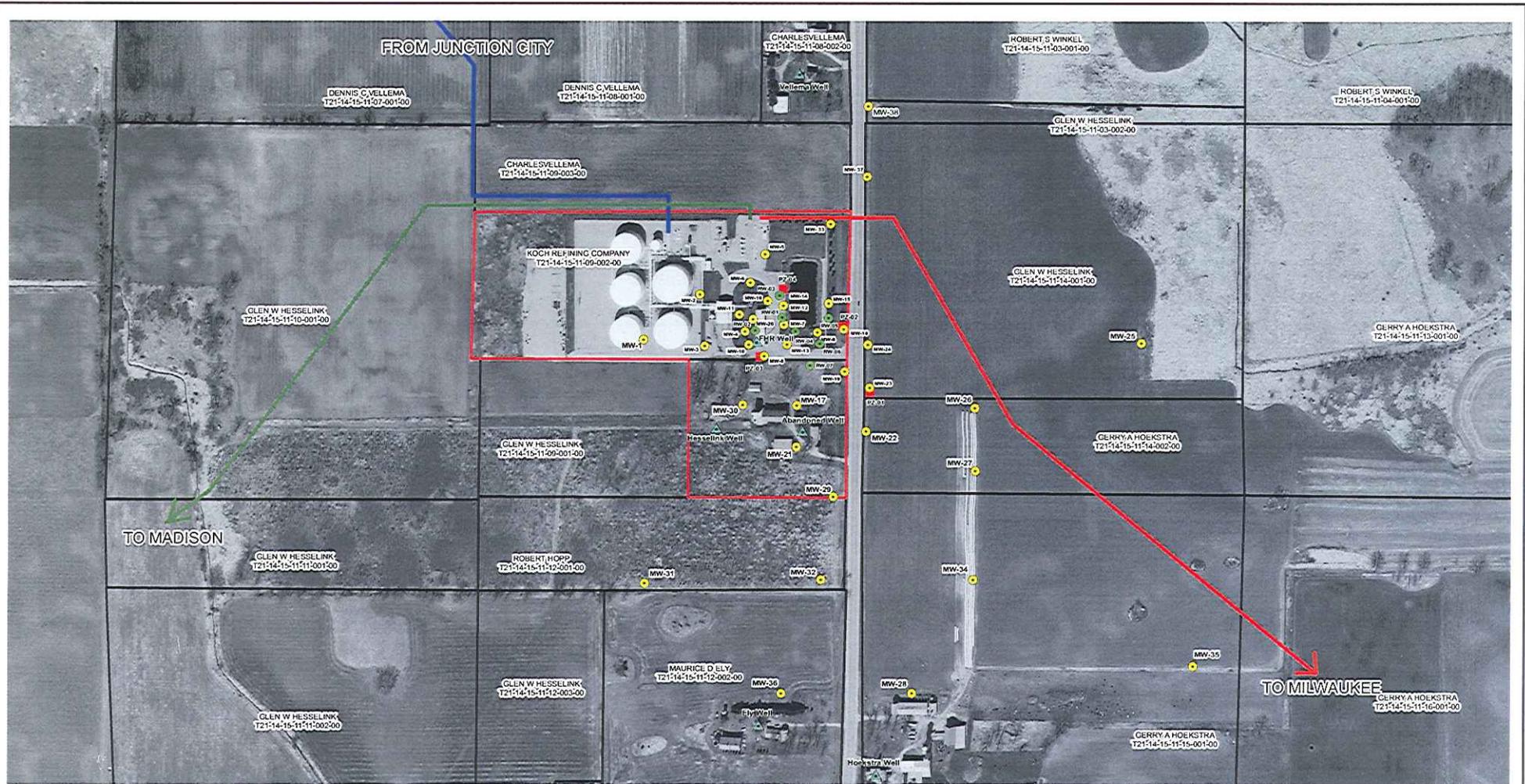
PROJECT NO.: 5340050
 DATE: 06/06/2005
 DRAWN BY: TT
 REVIEWED BY: CO
 SOURCE: USGS
 YEAR: 1980
 QUADRANGLE: WAUPUN NORTH
 S:/gis/koch_gis/WaupunGIS4/Projects/
 Ground water Sampling/2005/Site Location.mxd

SECTION A - FIGURE 1
SITE LOCATION MAP
WAUPUN BULK TERMINAL
FLINT HILLS RESOURCES, LP
FOND DU LAC COUNTY, WISCONSIN

Legend

 Site Location



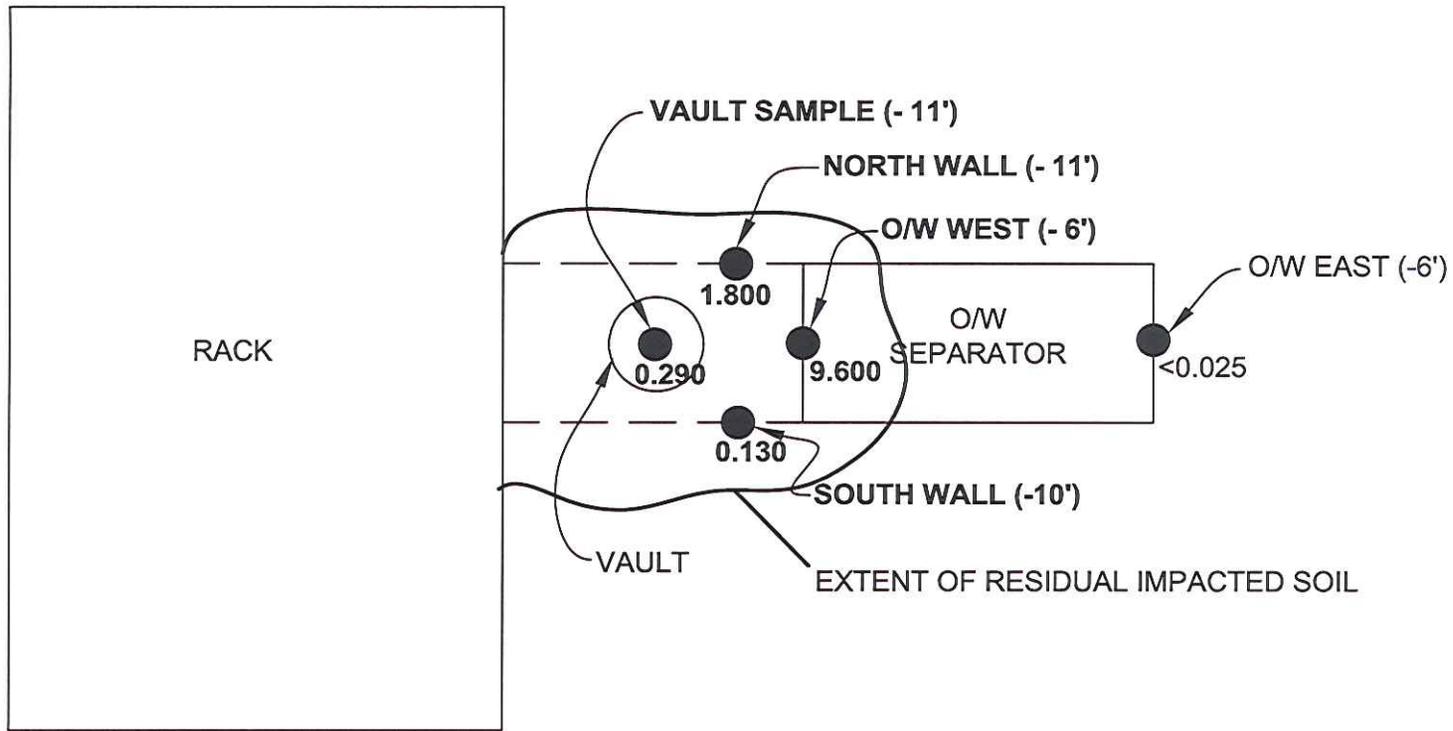


PROJECT: 114340167
 DATE: 05/26/2009
 DRAWN BY: AM
 REVIEWED BY: TR/TN
 PHOTO SOURCE: FOND DU LAC COUNTY
 YEAR: 2000
 S:/gis/koch_gis/WaupunGIS4/Projects/Benzene Trend Analysis 2008.mxd

SECTION A-FIGURE 2
SITE MAP
WAUPUN BULK TERMINAL
FLINT HILLS RESOURCES, LP
WAUPUN, WISCONSIN



- Recovery Wells
- Monitoring Wells
- ▲ Drinking Water Wells
- Piezometers
- Milwaukee Pipeline
- Madison Pipeline
- Junction City Pipeline
- Approximate FHR Property Boundary
- Parcels



LEGEND

0.290 = Benzene Concentration in mg/kg
Bold indicates result > NR 720 RCLs



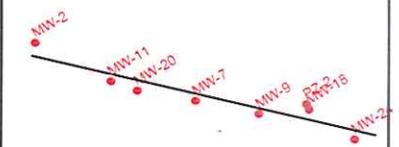
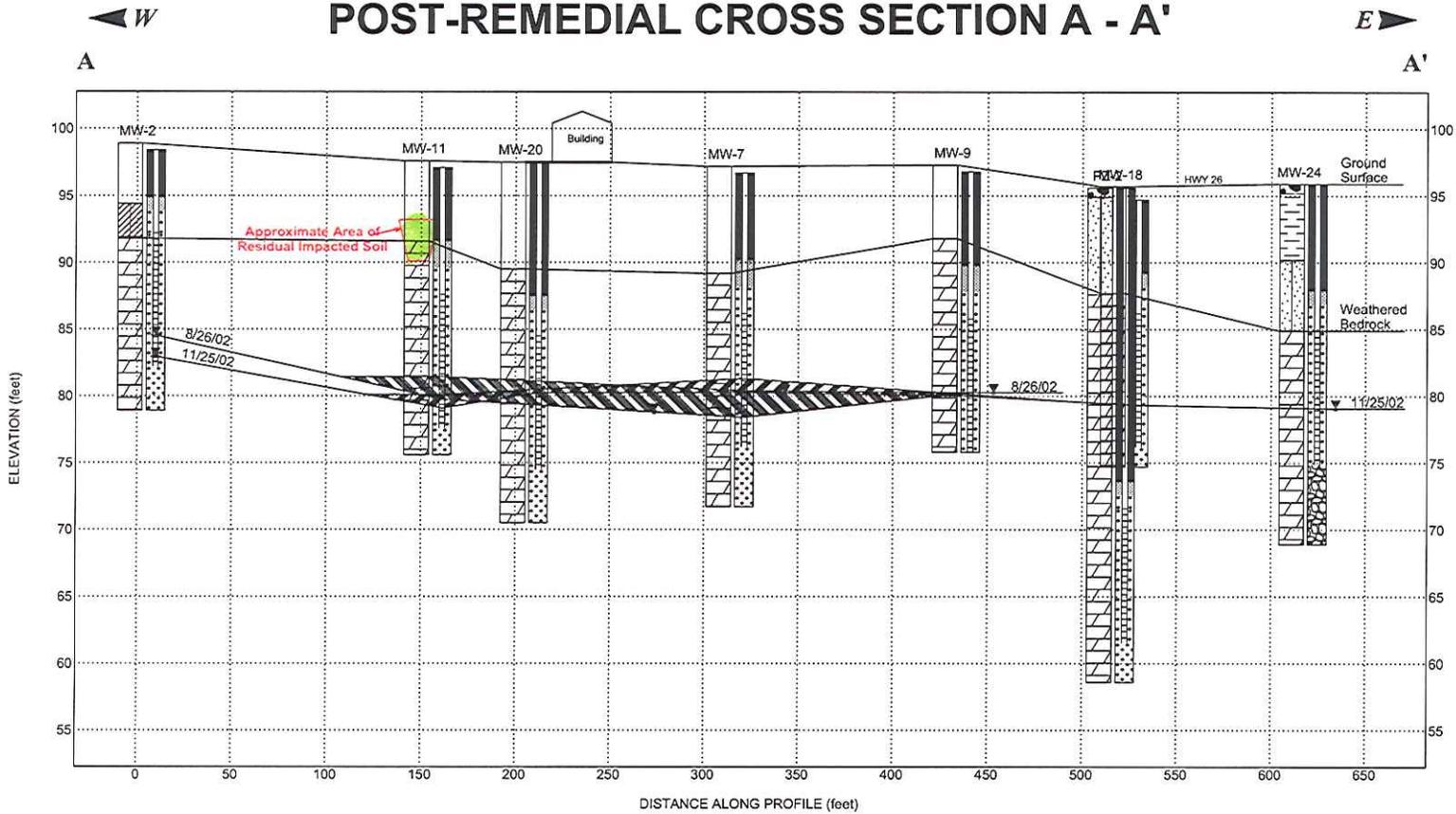
TETRA TECH, INC.
Wausau, Wisconsin

FIGURE H-3
POST-REMEDIAL SOIL SAMPLE LOCATIONS/
BENZENE CONCENTRATIONS
WAUPUN BULK STORAGE TERMINAL
FLINT HILLS RESOURCES
WAUPUN, WISCONSIN

PROJECT #: 114-340167
DATE: 5/12/09
DRAWN BY: CED/TWR
REVIEWED BY: GMA
SCALE: N.T.S.

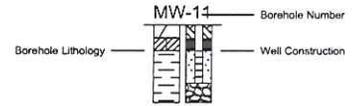
S: \Autocad\Koch\Waupun\Closure\section d fig
1.dwg

SECTION D - FIGURE 2 POST-REMEDIAL CROSS SECTION A - A'

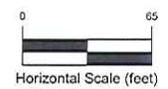


Site Map Scale 1 inch equals 240 feet

Explanation:



- ▽ Water Level Reading at time of drilling.
- ▽ Water Level Reading after drilling.



Vertical Exaggeration: 7x

TETRA TECH, INC
555 S 72nd Ave
Wausau WI 54401

Waupun Bulk Storage Terminal
Flint Hills Resources
Waupun, Wisconsin

Section A-A'

JOB NUMBER

114-340167

Section D Figure 2

Lithology Graphics

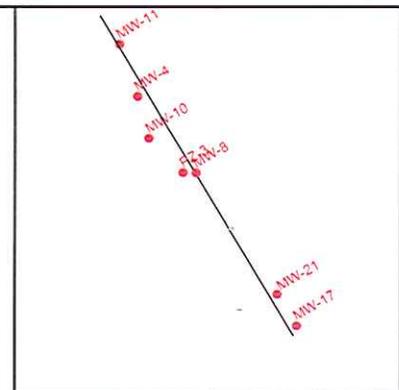
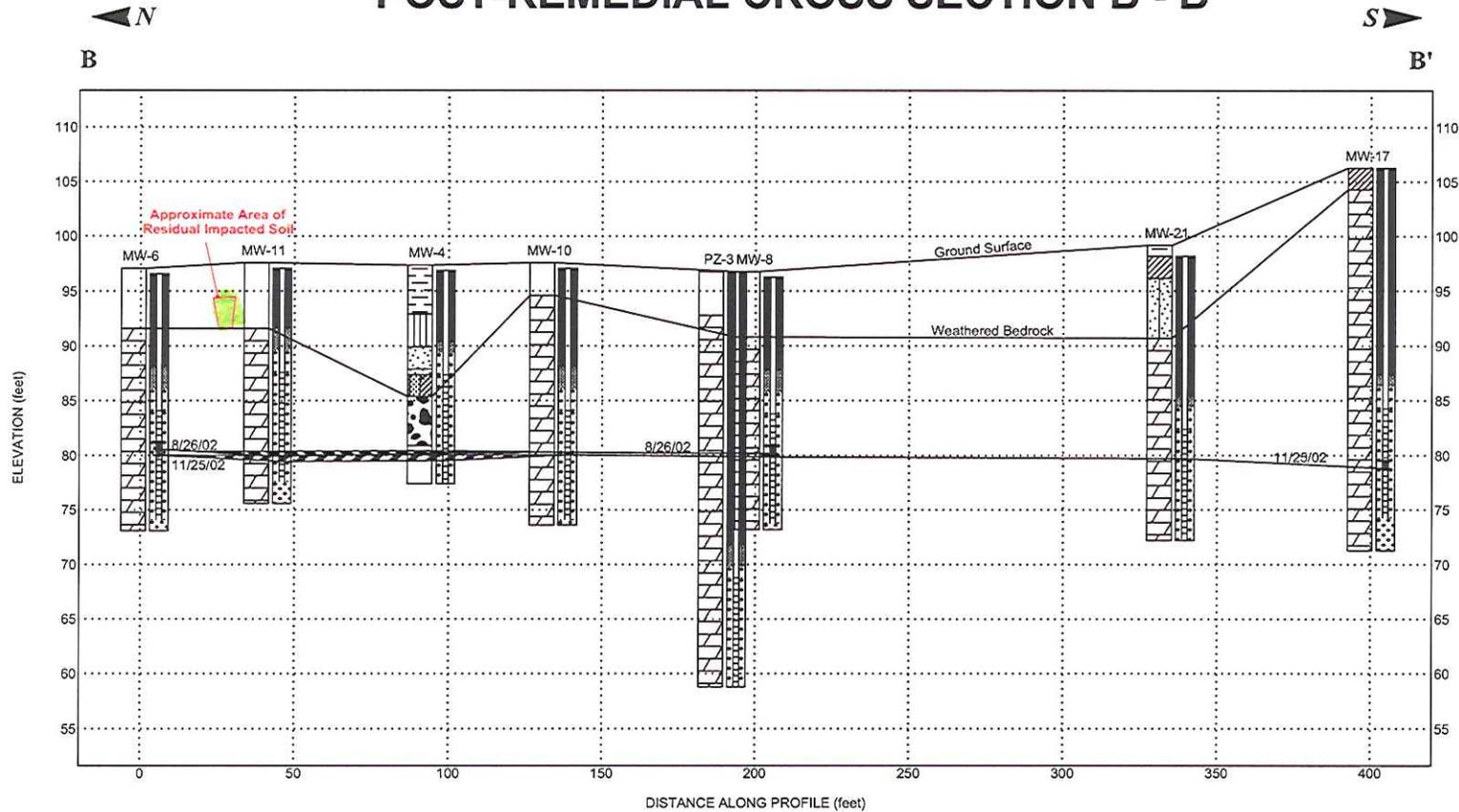
- Dolomite
- USCS Low Plasticity Silty Clay
- USCS Poorly-graded Gravel
- USCS Low Plasticity Organic silt or clay
- USCS Silty Sand
- Area of Free Product (8/26/02)
- Area of Free Product (11/25/02)

Well Graphics

- Bentonite Seal: 1 pipe group, 1 pipe
- Slough at bottom of hole
- Solid pipe packed in fine grained silica sand
- Solid pipe packed in granular material
- Slotted pipe packed in granular material
- GRANULAR MATERIAL BELOW PIPE

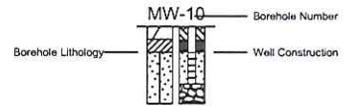
S:\env\soil\waupun\2002\2011_kssc_dwg\11report\fig-1.rpt

SECTION D - FIGURE 3 POST-REMEDIAL CROSS SECTION B - B'

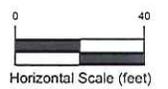


Site Map Scale 1 inch equals 145 feet

Explanation:



- Water Level Reading at time of drilling.
- Water Level Reading after drilling.



Vertical Exaggeration: 3.5x

- | Lithology Graphics | | | Well Graphics | | |
|--------------------|--------------------------|--|---------------------------------|--|---|
| | USCS Low Plasticity Clay | USCS Low Plasticity Organic silt or clay | USCS Silty Sand | Bentonite Seal: 1 pipe group, 1 pipe | Solid pipe packed in fine grained silica sand |
| USCS Silt | USCS Poorly-graded Sand | USCS Clayey Silty Sand | USCS Poorly-graded Gravel | Solid pipe packed in granular material | Slotted pipe packed in granular material |
| | | | Area of Free Product (8/26/02) | | GRANULAR MATERIAL BELOW PIPE |
| | | | Area of Free Product (11/25/02) | | |

TETRA TECH, INC
555 S 72nd Ave
Wausau WI 54401

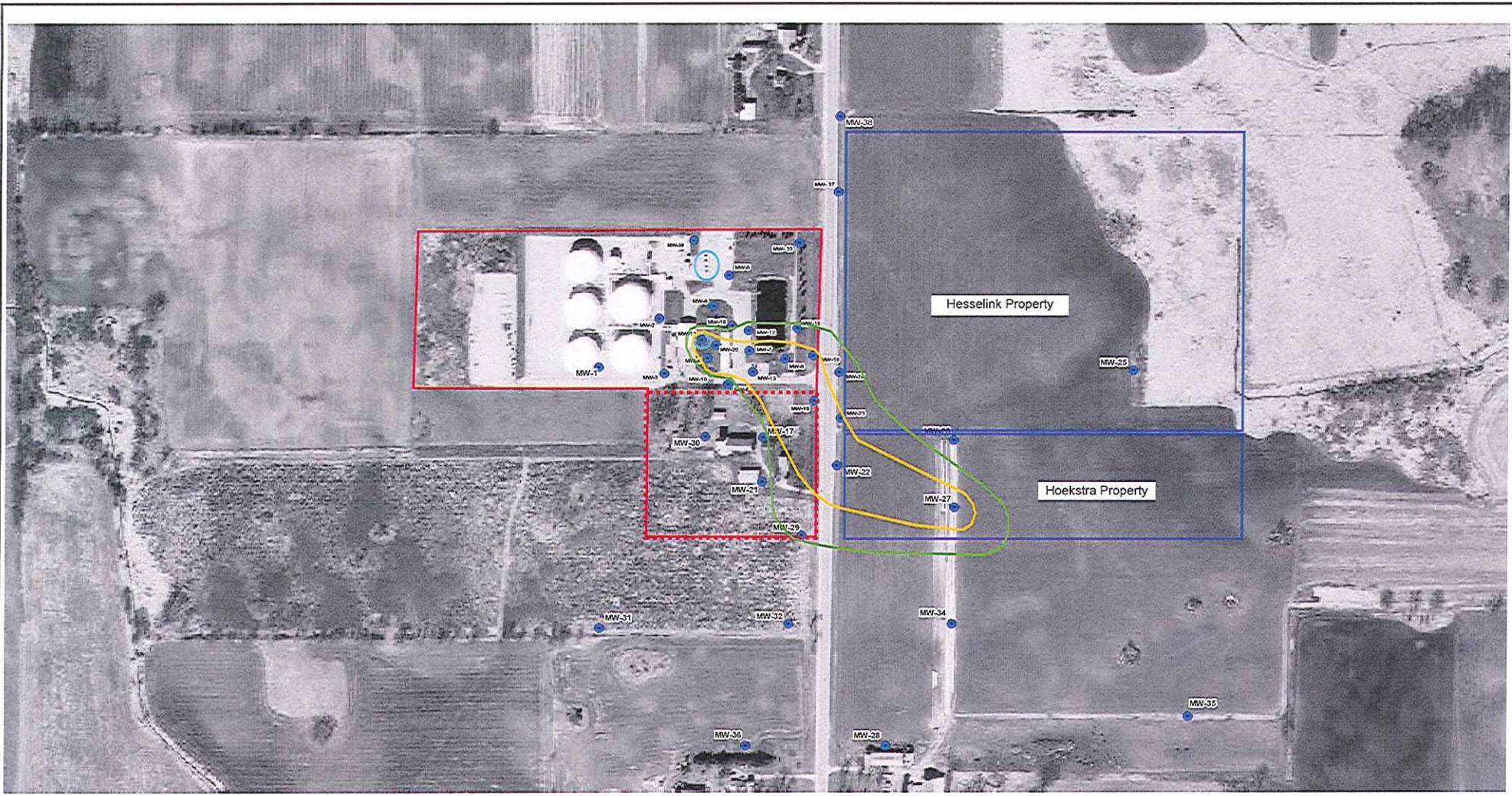
Waupun Bulk Storage Terminal
Flint Hills Resources
Waupun, Wisconsin

Section B-B'

JOB NUMBER

114-340167

Section D Figure 3



PROJECT: 1148340167
 DATE: 6/15/2010
 DRAWN BY: TN
 REVIEWED BY: GA
 PHOTO SOURCE: FOND DU LAC COUNTY
 YEAR: 2000
 S:/ SHARED/ENV/KOCH_FHR/WAUPUN/PROPOSED MW-39.PDF



FIGURE H-6
TOTAL AREA OF SOIL AND GW CONTAMINATION
WAUPUN BULK TERMINAL
FLINT HILLS RESOURCES PINE BEND, LLC
WAUPUN, WISCONSIN

7/28/08 Chemistry Data or the most current sampling data used for:
 All other wells

Legend

- Monitoring Wells
- ▭ FHR Terminal Property
- ▭ FHR Farm Property
- Impacted Soil Area
- Impacted GW Area > ES
- Impacted GW Area > PAL

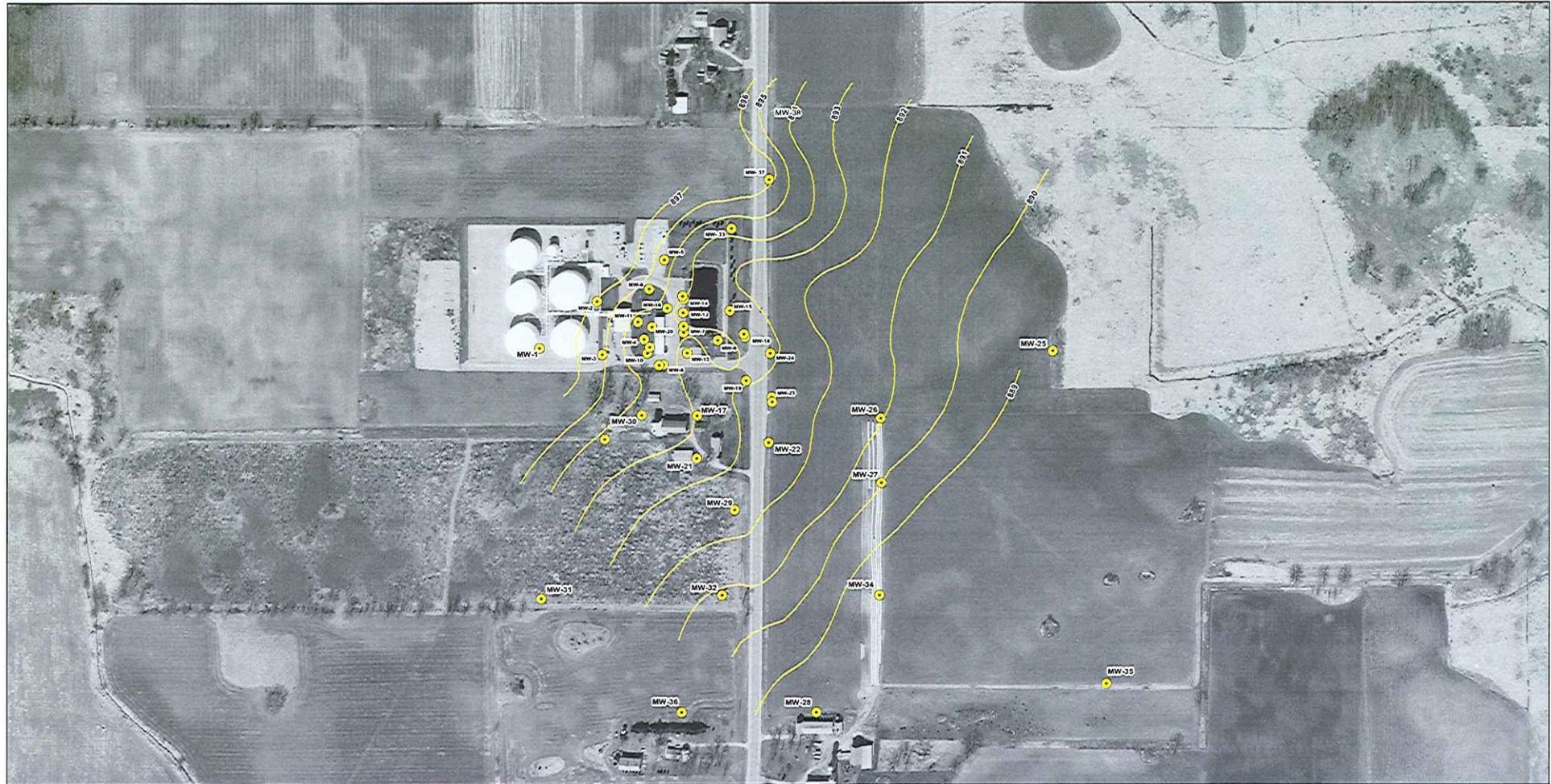


FIGURE H-7
GROUNDWATER CONTOUR MAP (7/28/2008)
WAUPUN BULK TERMINAL
FLINT HILLS RESOURCES, LP
WAUPUN, WISCONSIN

PROJECT: 114340167
 DATE: 5/29/2009
 DRAWN BY: AM
 REVIEWED BY: TN/TR
 PHOTO SOURCE: FOND DU LAC COUNTY
 YEAR: 2000
 S:/gis/koch_gis/WaupunGIS4/Projects/Groundwater Sampling/Groundwater Contours 2008.mxd

Legend

- Monitoring Wells
- Groundwater_contours_072808



0 210 420 Feet



SECTION D - TABLE 1
POST-REMEDIAL CHEMICAL ANALYSIS OF SOIL
 FLINT HILLS RESOURCES, LP
 WAUPUN, WISCONSIN
 TETRA TECH #114-340167

LEGEND

BORING IDENTIFICATION	O/W West	O/W East	Vault	N Wall	S Wall	NR 720 GENERIC SOIL CLEANUP STANDARDS	NR 746 RISK SCREENING STANDARDS	
DEPTH (feet bls)	6	6	11	11	10			
SOIL TYPE	SM	CL	SM	SM	SM			
DATE SAMPLED	10/10/2002							
PARAMETER (mg/kg)								
DRO	2800		5.2	140	<4.3	100 ¹	---	
		<4.8				250 ²	---	
GRO	2500		8.6	290	5.8	100 ¹	---	
		5.7				250 ²	---	
PETROLEUM VOLATILE ORGANIC COMPOUNDS (PVOC) ppm								
Benzene	9.6	<0.025	0.290	1.8	0.130	0.0055	8.5	
Toluene	110	<0.025	0.410	15	0.063	1.5	38	
Ethylbenzene	48	<0.025	0.085	5.2	<0.025	2.9	4.6	
Total Xylenes	288	<0.075	0.650	32.2	0.215	4.1	42	
1,3,5 Trimethylbenzene	43	<0.025	0.081	5.1	0.045	---	11	
1,2,4 Trimethylbenzene	160	<0.025	0.290	18	0.140	---	83	
MTBE	<0.5	<0.025	0.048	<100	<0.025	---	---	
POLYNUCLEAR AROMATIC HYDROCARBONS (PAH) ppm								
Naphthalene	13	<0.022	0.030	0.840	0.024	---	2.70	
Total 8270 List	43.2	<0.022	0.084	3.265	0.049	---	---	

GW
PATHWAY
EXCEEDANCE

0.4

bls = below land surface

all values are in mg/kg = milligrams per kilogram (parts-per-million)

¹ standard corresponds to permeable soils (hydraulic conductivity > 10 E-6 cm/s)

² standard corresponds to non-permeable soils (hydraulic conductivity ≤ 10 E-6 cm/s)

* = Value is less than the laboratory limit of quantitation, but reported per WDNR guidelines dated 3/1/96

< = Parameter was not detected and if present, is less than the limit of detection reported

--- = No soil standard currently applicable

BOLD: Indicates an NR 746 and/or an NR 720 Exceedance

for PAHs
 ○ = [] > gw pathway



TETRA TECH

**SECTION E - TABLE 1
GROUNDWATER CHEMISTRY
FLINT HILLS RESOURCES, LP
WAUPUN, WISCONSIN
TETRA TECH #114-340167**

SAMPLE LOCATION	MW-1				NR	NR
	11/16/2005	5/24/2006	11/15/2006	5/17/2007	140	140
Groundwater Elevation	891.65	901.15	893.91	898.93	PAL	ES
PARAMETER						
Diesel Range Organics	--	<100	<110	<110	NS	NS
Gasoline Range Organics	--	<50	<50	<50	NS	NS
PETROLEUM VOLATILE ORGANIC COMPOUNDS						
Benzene	<0.14	<0.14	<0.14	<0.14	0.5	5
Toluene	<0.36	<0.36	<0.36	<0.36	200	1000
Ethylbenzene	<0.40	<0.40	<0.40	<0.40	140	700
Xylenes	<0.74	<0.74	<0.74	<0.74	1000	10000
Methyl-tert-butyl-ether	<0.36	<0.36	<0.36	<0.36	12	60
Trimethylbenzenes	<0.40	<0.40	<0.40	<0.40	96	480
Ethanol	--	--	--	--	NS	NS
POLYNUCLEAR AROMATIC HYDROCARBONS						
Naphthalene	*0.080	<0.013	*0.034	<0.013	8	40
Fluorene	<0.0091	<0.0093	<0.0094	<0.0096	80	400
Anthracene	<0.012	<0.012	<0.012	<0.012	600	3000
Fluoranthene	<0.015	<0.016	<0.016	<0.016	80	400
Pyrene	<0.015	<0.015	<0.015	<0.015	50	250
Chrysene	<0.019	<0.020	<0.020	<0.020	0.02	0.2
Benzo(b)fluoranthene	<0.016	<0.016	<0.016	<0.017	0.02	0.2
Benzo(a)Pyrene	<0.018	<0.019	<0.019	<0.019	0.02	0.2
1-Methyl naphthalene	<0.047	<0.010	<0.011	<0.011	NS	NS
2-Methyl naphthalene	<0.047	*0.014	*0.018	<0.012	NS	NS
Phenanthrene	*0.035	*0.026	*0.024	<0.012	NS	NS
Total 8270 List	*0.115	*0.04	*0.076	<0.020	NS	NS

Rem Sys On Rem Sys Shut Down

360 = concentration > NR 140 ES

190 = concentration > NR 140 PAL

All concentrations in ppb (ug/l)

NS = No applicable standard

PAL = WDNR Preventative Action Limit

ES = WDNR Enforcement Standard

"-" = Not analyzed

< = Parameter was not detected and if present is less than the limit of detection reported

* = Value is less than the laboratory limit of quantitation, but reported per WDNR guidelines dated 3/1/96

^ = Analyzed under PVOC methods



TETRA TECH

**SECTION E - TABLE 1
GROUNDWATER CHEMISTRY
FLINT HILLS RESOURCES, LP
WAUPUN, WISCONSIN
TETRA TECH #114-340167**

SAMPLE LOCATION	MW-2				NR	NR
					140	140
DATE	5/12/2005	5/24/2006	11/15/2006	5/17/2007	PAL	ES
Groundwater Elevation	897.42	900.89	893.95	897.83		
PARAMETER						
Diesel Range Organics	--	<100	<110	<110	NS	NS
Gasoline Range Organics	--	<50	<50	<50	NS	NS
PETROLEUM VOLATILE ORGANIC COMPOUNDS						
Benzene	<0.14	<0.14	<0.14	<0.14	0.5	5
Toluene	<0.36	<0.36	<0.36	<0.36	200	1000
Ethylbenzene	<0.40	<0.40	<0.40	<0.40	140	700
Xylenes	<0.74	<0.74	<0.74	<0.74	1000	10000
Methyl-tert-butyl-ether	<0.36	<0.36	<0.36	<0.36	12	60
Trimethylbenzenes	<0.40	<0.40	<0.40	<0.40	96	480
Ethanol	--	--	--	--	NS	NS
POLYNUCLEAR AROMATIC HYDROCARBONS						
Naphthalene	^<0.47	*0.016	*0.028	<0.013	8	40
Fluorene	--	<0.0091	<0.0094	<0.0094	80	400
Anthracene	--	<0.012	<0.012	<0.012	600	3000
Fluoranthene	--	<0.015	<0.016	<0.016	80	400
Pyrene	--	<0.015	<0.015	<0.015	50	250
Chrysene	--	<0.019	<0.020	<0.020	0.02	0.2
Benzo(b)fluoranthene	--	<0.016	<0.016	<0.016	0.02	0.2
Benzo(a)Pyrene	--	<0.018	<0.019	<0.019	0.02	0.2
1-Methyl naphthalene	--	<0.010	<0.011	*0.029	NS	NS
2-Methyl naphthalene	--	<0.011	*0.020	<0.012	NS	NS
Phenanthrene	--	*0.012	*0.033	*0.014	NS	NS
Total 8270 List	--	*0.028	*0.081	*0.043	NS	NS

Rem Sys Shut Down

All concentrations in ppb (ug/l)

NS = No applicable standard

PAL = WDNR Preventative Action Limit

ES = WDNR Enforcement Standard

"--" = Not analyzed

< = Parameter was not detected and if present is less than the limit of detection reported

* = Value is less than the laboratory limit of quantitation, but reported per WDNR guidelines dated 3/1/96

^ = Analyzed under PVOC methods

360 = concentration > NR 140 ES

190 = concentration > NR 140 PAL

NW = No Water



TETRA TECH

**SECTION E - TABLE 1
GROUNDWATER CHEMISTRY
FLINT HILLS RESOURCES, LP
WAUPUN, WISCONSIN
TETRA TECH #114-340167**

SAMPLE LOCATION	MW-3				NR	NR
	DATE	11/15/2005	5/24/2006	11/15/2006	5/17/2007	140
Groundwater Elevation	890.55	897.76	892.41	896.12	PAL	ES
PARAMETER						
Diesel Range Organics	--	<110	<110	<100	NS	NS
Gasoline Range Organics	--	<50	<50	<50	NS	NS
PETROLEUM VOLATILE ORGANIC COMPOUNDS						
Benzene	1.3	<0.14	*0.23	<0.14	0.5	5
Toluene	<0.36	<0.36	<0.36	<0.36	200	1000
Ethylbenzene	<0.40	<0.40	<0.40	<0.40	140	700
Xylenes	<0.74	<0.74	<0.74	<0.74	1000	10000
Methyl-tert-butyl-ether	<0.36	<0.36	<0.36	<0.36	12	60
Trimethylbenzenes	<0.40	<0.40	<0.40	<0.40	96	480
Ethanol	--	--	--	--	NS	NS
POLYNUCLEAR AROMATIC HYDROCARBONS						
Naphthalene	<0.047	0.057	0.052	0.055	8	40
Fluorene	<0.0091	<0.0099	<0.0092	<0.0097	80	400
Anthracene	<0.012	<0.013	<0.012	<0.012	600	3000
Fluoranthene	<0.015	<0.017	<0.016	<0.017	80	400
Pyrene	<0.015	<0.016	<0.015	<0.016	50	250
Chrysene	<0.019	<0.021	<0.019	<0.020	0.02	0.2
Benzo(b)fluoranthene	<0.016	<0.017	<0.016	<0.017	0.02	0.2
Benzo(a)Pyrene	<0.018	<0.020	<0.019	<0.020	0.02	0.2
1-Methyl naphthalene	<0.047	0.041	*0.025	*0.029	NS	NS
2-Methyl naphthalene	<0.047	0.077	0.044	0.054	NS	NS
Phenanthrene	<0.011	*0.014	*0.015	*0.018	NS	NS
Total 8270 List	<0.047	0.189	0.136	0.156	NS	NS

Rem Sys On Rem Sys Shut Down

All concentrations in ppb (ug/l)

NS = No applicable standard

PAL = WDNR Preventative Action Limit

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^ = Analyzed under PVOC methods

360 = concentration > NR 140 ES

190 = concentration > NR 140 PAL



TETRA TECH

**SECTION E - TABLE 1
GROUNDWATER CHEMISTRY
FLINT HILLS RESOURCES, LP
WAUPUN, WISCONSIN
TETRA TECH #114-340167**

SAMPLE LOCATION	MW-4				NR	NR
	DATE	11/15/2006	5/17/2007	4/29/2008	7/28/2008	140
Groundwater Elevation	891.33	894.05	896.46	894.70	PAL	ES
PARAMETER						
Diesel Range Organics	160000	120000	--	--	NS	NS
Gasoline Range Organics	19000	9800	--	--	NS	NS
PETROLEUM VOLATILE ORGANIC COMPOUNDS						
Benzene	2900	940	546	1060	0.5	5
Toluene	72	55	22.3	42.9	200	1000
Ethylbenzene	1200	770	513	789	140	700
Xylenes	3720	2160	1516.4	2058.9	1000	10000
Methyl-tert-butyl-ether	*11	*4.2	*4.3	*3.7	12	60
Trimethylbenzenes	2060	1090	1150	957	96	480
Ethanol	--	--	--	--	NS	NS
POLYNUCLEAR AROMATIC HYDROCARBONS						
Naphthalene	580	420	188	210	10	100
Fluorene	19	<19	11.7	*3.8	80	400
Anthracene	6.8	<24	*4.0	*1.5	600	3000
Fluoranthene	*2.4	<32	*1.2	<0.53	80	400
Pyrene	13	<30	9.1	*2.8	50	250
Chrysene	<1.9	<39	<0.71	<0.70	0.02	0.2
Benzo(b)fluoranthene	<1.6	<32	<0.52	<0.51	0.02	0.2
Benzo(a)Pyrene	<1.8	<38	<0.55	<0.54	0.02	0.2
1-Methyl naphthalene	460	350	147	85.3	NS	NS
2-Methyl naphthalene	770	580	189	107	NS	NS
Phenanthrene	*41	*38	15.6	6.0	NS	NS
Total 8270 List	1892.2	1388	565.6	416.4	NS	NS

All concentrations in ppb (ug/l)

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190 = concentration > NR 140 PAL



TETRA TECH

**SECTION E - TABLE 1
GROUNDWATER CHEMISTRY
FLINT HILLS RESOURCES, LP
WAUPUN, WISCONSIN
TETRA TECH #114-340167**

SAMPLE LOCATION	MW-5				NR	NR
	9/30/2009	1/5/2010	3/30/2010	7/27/2011	140	140
Groundwater Elevation	891.65	893.51	894.90	894.90	PAL	ES
PARAMETER						
Diesel Range Organics	--	--	--	543	NS	NS
Gasoline Range Organics	--	--	--	<32.4	NS	NS
PETROLEUM VOLATILE ORGANIC COMPOUNDS						
Benzene	<0.23	<0.39	<0.39	<0.39	0.5	5
Toluene	<0.36	<0.42	<0.42	<0.42	200	1000
Ethylbenzene	<0.40	<0.41	<0.41	<0.41	140	700
Xylenes	<0.74	<0.87	<0.87	<1.25	1000	10000
Methyl-tert-butyl-ether	<0.36	<0.38	<0.38	<0.38	12	60
Trimethylbenzenes	<0.40	<0.43	<0.43	<0.83	96	480
n Butylbenzene	--	--	--	--	NS	NS
Isopropylbenzene	--	--	--	--	NS	NS
p Isopropyltoluene	--	--	--	--	NS	NS
n Propylbenzene	--	--	--	--	NS	NS
Ethanol	--	--	--	--	NS	NS
POLYNUCLEAR AROMATIC HYDROCARBONS						
Naphthalene	*0.59	0.31	0.098	*0.040	8	40
Fluorene	1.2	0.82	0.20	*0.046	80	400
Anthracene	1.6	0.76	0.16	*0.038	600	3000
Fluoranthene	*0.28	0.15	0.067	*0.010	80	400
Pyrene	2.2	1.3	0.28	0.037	50	250
Chrysene	*0.13	0.070	*0.013	<0.0036	0.02	0.2
Benzo(b)fluoranthene	<0.068	*0.0046	*0.0052	<0.0035	0.02	0.2
Benzo(a)Pyrene	<0.057	*0.0050	<0.0029	<0.0030	0.02	0.2
1-Methyl naphthalene	*0.14	0.069	0.056	*0.0073	NS	NS
2-Methyl naphthalene	<0.077	*0.043	*0.019	*0.0041	NS	NS
Phenanthrene	3.6	1.4	0.19	*0.020	NS	NS
Total 8270 List	11.014	5.5476	1.2435	0.202	NS	NS

All concentrations in ppb (ug/l)

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ES = WDNR Enforcement Standard

"--" = Not analyzed

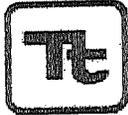
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[]

[190] = concentration > NR 140 PAL



TETRA TECH

**SECTION E - TABLE 1
GROUNDWATER CHEMISTRY
FLINT HILLS RESOURCES, LP
WAUPUN, WISCONSIN
TETRA TECH #114-340167**

SAMPLE LOCATION	MW-6				NR PAL	NR ES
	DATE	11/16/2005	5/24/2006	11/15/2006		
Groundwater Elevation	889.67	895.72	891.43	894.26		
PARAMETER						
Diesel Range Organics	--	120	<110	<100	NS	NS
Gasoline Range Organics	--	<50	<50	<50	NS	NS
PETROLEUM VOLATILE ORGANIC COMPOUNDS						
Benzene	<0.14	<0.14	<0.14	<0.14	0.5	5
Toluene	<0.36	<0.36	<0.36	<0.36	200	1000
Ethylbenzene	<0.40	<0.40	<0.40	<0.40	140	700
Xylenes	<0.74	<0.74	<0.74	<0.74	1000	10000
Methyl-tert-butyl-ether	<0.36	<0.36	<0.36	<0.36	12	60
Trimethylbenzenes	<0.40	<0.40	<0.40	<0.40	96	480
Ethanol	--	--	--	--	NS	NS
POLYNUCLEAR AROMATIC HYDROCARBONS						
Naphthalene	<0.047	*0.015	0.12	*0.036	8	40
Fluorene	<0.0091	<0.0091	<0.0094	<0.0091	80	400
Anthracene	<0.012	<0.012	<0.012	<0.012	600	3000
Fluoranthene	<0.015	<0.016	<0.016	<0.015	80	400
Pyrene	<0.015	<0.015	<0.015	<0.015	50	250
Chrysene	<0.019	<0.019	<0.020	<0.019	0.02	0.2
Benzo(b)fluoranthene	<0.016	<0.016	<0.016	<0.016	0.02	0.2
Benzo(a)Pyrene	<0.018	<0.019	<0.019	<0.018	0.02	0.2
1-Methyl naphthalene	<0.047	0.011	0.12	*0.027	NS	NS
2-Methyl naphthalene	<0.047	0.020	0.068	*0.018	NS	NS
Phenanthrene	*0.014	*0.019	*0.024	*0.013	NS	NS
Total 8270 List	*0.014	*0.065	0.367	*0.094	NS	NS

Rem Sys On Rem Sys Shut Down

360 = concentration > NR 140 ES

190 = concentration > NR 140 PAL

All concentrations in ppb (ug/l)

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TETRA TECH

**SECTION E - TABLE 1
GROUNDWATER CHEMISTRY (continued)
FLINT HILLS RESOURCES, LP
WAUPUN, WISCONSIN
TETRA TECH #114-340167**

SAMPLE LOCATION	MW-7				NR	NR
	DATE	5/17/2007	4/29/2008	7/28/2008	7/27/2011	140
Groundwater Elevation	893.21	895.90	894.01	894.01	PAL	ES
PARAMETER						
Diesel Range Organics	39000	--	--	387	NS	NS
Gasoline Range Organics	920	--	--	292	NS	NS
PETROLEUM VOLATILE ORGANIC COMPOUNDS						
Benzene	72	.47	263	152	0.5	5
Toluene	*0.70	<0.71	*0.64	<0.42	200	1000
Ethylbenzene	13	17.1	7.2	<0.41	140	700
Xylenes	3.8	*<2.6	<1.46	*<1.21	1000	10000
Methyl-tert-butyl-ether	3.1	*2.6	*1.8	*0.54	12	60
Trimethylbenzenes	71.95	<10.19	<1.70	<1.25	96	480
Ethanol	--	--	--	--	NS	NS
POLYNUCLEAR AROMATIC HYDROCARBONS						
Naphthalene	2.4	<0.033	0.061	0.12	10	100
Fluorene	*1.1	*0.089	*0.032	*0.025	80	400
Anthracene	1.0	0.12	<0.0065	*0.012	600	3000
Fluoranthene	<0.78	*0.037	<0.0053	*0.0050	80	400
Pyrene	3.6	0.81	0.15	*0.028	50	250
Chrysene	<0.96	*0.060	<0.0070	<0.0036	0.02	0.2
Benzo(b)fluoranthene	<0.79	*0.015	<0.0051	<0.0035	0.02	0.2
Benzo(a)Pyrene	<0.93	*0.021	<0.0054	<0.0029	0.02	0.2
1-Methyl naphthalene	11	<0.019	0.086	0.032	NS	NS
2-Methyl naphthalene	<0.57	<0.022	*0.019	*0.020	NS	NS
Phenanthrene	3.7	0.10	*0.028	*0.014	NS	NS
Total 8270 List	23.7	1.252	0.925	0.256	NS	NS

All concentrations in ppb (ug/l)

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190 = concentration > than NR 140 PAL



TETRA TECH

SECTION E - TABLE 1
 GROUNDWATER CHEMISTRY (continued)
 FLINT HILLS RESOURCES, LP
 WAUPUN, WISCONSIN
 TETRA TECH #114-340167

SAMPLE LOCATION	MW-8				NR	NR
	DATE	2/14/2007	5/17/2007	4/29/2008	7/28/2008	PAL
Groundwater Elevation	891.86	893.79	896.09	894.36		
PARAMETER						
Diesel Range Organics	230	<100	--	--	NS	NS
Gasoline Range Organics	<50	<50	--	--	NS	NS
PETROLEUM VOLATILE ORGANIC COMPOUNDS						
Benzene	*0.24	<0.14	<0.14	<0.14	0.5	5
Toluene	<0.36	<0.36	<0.36	<0.36	200	1000
Ethylbenzene	<0.40	<0.40	<0.40	<0.40	140	700
Xylenes	<0.74	<0.74	<1.10	<1.10	1000	10000
Methyl-tert-butyl-ether	<0.36	<0.36	<0.36	<0.36	12	60
Trimethylbenzenes	<0.40	<0.40	<0.79	<0.79	96	480
Isopropylbenzene	--	--	--	--	NS	NS
n-Propylbenzene	--	--	--	--	NS	NS
n Butylbenzene	--	--	--	--	NS	NS
Ethanol	--	--	--	--	NS	NS
POLYNUCLEAR AROMATIC HYDROCARBONS						
Naphthalene	*0.024	*0.035	<0.017	<0.016	10	100
Fluorene	<0.0091	<0.0091	<0.0064	<0.0063	80	400
Anthracene	<0.012	<0.012	<0.0066	<0.0065	600	3000
Fluoranthene	<0.015	<0.015	<0.0054	<0.0053	80	400
Pyrene	<0.015	<0.015	*0.012	<0.0068	50	250
Chrysene	<0.019	<0.019	<0.0071	<0.0070	0.02	0.2
Benzo(b)fluoranthene	<0.016	<0.016	<0.0052	<0.0051	0.02	0.2
Benzo(a)Pyrene	<0.018	<0.018	<0.0055	<0.0054	0.02	0.2
1-Methyl naphthalene	*0.012	*0.028	*0.011	<0.0095	NS	NS
2-Methyl naphthalene	<0.011	*0.016	<0.011	<0.011	NS	NS
Phenanthrene	*0.012	<0.011	<0.0076	*0.012	NS	NS
Total 8270 List	0.048	*0.079	0.023	0.012	NS	NS

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TETRA TECH

**SECTION E - TABLE 1
GROUNDWATER CHEMISTRY (continued)
FLINT HILLS RESOURCES, LP
WAUPUN, WISCONSIN
TETRA TECH #114-340167**

SAMPLE LOCATION	MW-9				NR	NR
	DATE	5/17/2007	4/29/2008	7/28/2008	7/27/2011	140
Groundwater Elevation	893.95	896.65	894.75	894.75	PAL	ES
PARAMETER						
Diesel Range Organics	6400	--	--	1120	NS	NS
Gasoline Range Organics	1600	--	--	774	NS	NS
PETROLEUM VOLATILE ORGANIC COMPOUNDS						
Benzene	6.2	*4.8	25.3	6.8	0.5	5
Toluene	*0.87	<1.8	1.1	<0.42	200	1000
Ethylbenzene	120	148	98.0	5.9	140	700
Xylenes	50.6	63.3	54.1	*5.52	1000	10000
Methyl-tert-butyl-ether	6.3	<1.8	*1.6	1.3	12	60
Trimethylbenzenes	266	649.1	355.0	44.4	96	480
Ethanol	--	--	--	--	NS	NS
POLYNUCLEAR AROMATIC HYDROCARBONS						
Naphthalene	21	30.8	14.2	2.3	10	100
Fluorene	<0.98	1.2	*0.96	2.1	80	400
Anthracene	<1.3	*0.23	0.17	*0.16	600	3000
Fluoranthene	<1.7	<0.11	*0.034	<0.088	80	400
Pyrene	<1.6	*0.54	0.44	<0.095	50	250
Chrysene	<2.1	<0.14	*0.023	*<0.070	0.02	0.2
Benzo(b)fluoranthene	<1.7	<0.10	<0.0051	<0.068	0.02	0.2
Benzo(a)Pyrene	<2.0	<0.11	*0.0070	<0.057	0.02	0.2
1-Methyl naphthalene	18	42.1	23.1	18.6	NS	NS
2-Methyl naphthalene	<1.2	<0.21	*1.8	*0.17	NS	NS
Phenanthrene	*2.3	1.1	*1.1	1.4	NS	NS
Total 8270 List	41.3	75.97	41.834	24.73	NS	NS

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TETRA TECH

**SECTION E - TABLE 1
GROUNDWATER CHEMISTRY (continued)**

**WAUPUN, WISCONSIN
TETRA TECH #114-340167**

SAMPLE LOCATION	MW-10				NR	NR
	DATE	11/15/2006	5/17/2007	4/29/2008	7/28/2008	140
Groundwater Elevation	891.34	894.08	896.40	894.63	PAL	ES
PARAMETER						
Diesel Range Organics	88000	240000	--	--	NS	NS
Gasoline Range Organics	7300	6500	--	--	NS	NS
PETROLEUM VOLATILE ORGANIC COMPOUNDS						
Benzene	10	<0.69	*0.95	4.9	0.5	5
Toluene	<3.6	<1.8	<0.36	<0.36	200	1000
Ethylbenzene	280	32	14.6	10.6	140	700
Xylenes	165	26.6	8.3	6.2	1000	10000
Methyl-tert-butyl-ether	<3.6	<1.8	<0.36	*0.43	12	60
Trimethylbenzenes	1480	321	153.3	142.4	96	480
Ethanol	--	--	--	--	NS	NS
POLYNUCLEAR AROMATIC HYDROCARBONS						
Naphthalene	82	49	16.1	11.3	10	100
Fluorene	17	*10	16.5	8.6	80	400
Anthracene	*5.1	*12	6.7	*4.3	600	3000
Fluoranthene	<3.2	<7.7	2.5	*1.1	80	400
Pyrene	*9.1	41	20.1	11.6	50	250
Chrysene	<3.9	<9.5	1.2	<0.70	0.02	0.2
Benzo(b)fluoranthene	<3.2	<7.8	*0.23	<0.51	0.02	0.2
Benzo(a)Pyrene	<3.8	<9.2	*0.33	<0.54	0.02	0.2
1-Methyl naphthalene	270	160	63.2	51.2	NS	NS
2-Methyl naphthalene	47	27	<0.22	<1.1	NS	NS
Phenanthrene	36	36	17.6	9.7	NS	NS
Total 8270 List	466.2	351.1	144.46	97.80	NS	NS

All concentrations in ppb (ug/l)

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TETRA TECH

**SECTION E - TABLE 1
GROUNDWATER CHEMISTRY (continued)
FLINT HILLS RESOURCES, LP
WAUPUN, WISCONSIN
TETRA TECH #114-340167**

SAMPLE LOCATION	MW-11				NR	NR
	DATE	11/15/2006	5/17/2007	4/29/2008	7/28/2008	140
Groundwater Elevation	891.44	894.30	896.87	894.90	PAL	ES
PARAMETER						
Diesel Range Organics	220000	150000	--	--	NS	NS
Gasoline Range Organics	27000	22000	--	--	NS	NS
PETROLEUM VOLATILE ORGANIC COMPOUNDS						
Benzene	5500	2800	4290	1520	0.5	5
Toluene	3200	1800	3630	1140	200	1000
Ethylbenzene	920	870	771	489	140	700
Xylenes	4400	4000	4000	2301	1000	10000
Methyl-tert-butyl-ether	*27	53	*57.2	*10.8	12	60
Trimethylbenzenes	1870	1650	1605	1051	96	480
Ethanol	--	--	--	--	NS	NS
POLYNUCLEAR AROMATIC HYDROCARBONS						
Naphthalene	1200	600	414	505	10	100
Fluorene	44	<40	24.1	21.9	80	400
Anthracene	*13	<51	6.4	5.5	600	3000
Fluoranthene	<6.2	<68	*1.96	*0.97	80	400
Pyrene	23	<64	13.5	10.9	50	250
Chrysene	<7.6	<83	*0.86	<0.70	0.02	0.2
Benzo(b)fluoranthene	<6.3	<68	<0.55	<0.51	0.02	0.2
Benzo(a)Pyrene	<7.3	<80	<0.58	<0.54	0.02	0.2
1-Methyl naphthalene	1200	700	374	383	NS	NS
2-Methyl naphthalene	2100	1200	618	690	NS	NS
Phenanthrene	<0.012	*70	38.3	36.7	NS	NS
Total 8270 List	4580	2570	1491.06	1653.97	NS	NS

All concentrations in ppb (ug/l)

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TETRA TECH

**SECTION E - TABLE 1
GROUNDWATER CHEMISTRY (continued)
FLINT HILLS RESOURCES, LP
WAUPUN, WISCONSIN
TETRA TECH #114-340167**

SAMPLE LOCATION	MW-12				NR	NR
	DATE	11/15/2006	5/17/2007	4/29/2008	7/28/2008	140
Groundwater Elevation	891.27	892.91	895.48	893.70	PAL	ES
PARAMETER						
Diesel Range Organics	30000	43000	--	--	NS	NS
Gasoline Range Organics	1900	1000	--	--	NS	NS
PETROLEUM VOLATILE ORGANIC COMPOUNDS						
Benzene	9.7	160	*0.46	4.1	0.5	5
Toluene	*0.59	1.6	<0.36	<0.36	200	1000
Ethylbenzene	62	4.7	*0.49	*0.47	140	700
Xylenes	17.6	5.1	<1.10	<1.10	1000	10000
Methyl-tert-butyl-ether	*0.93	4.1	*0.63	<0.36	12	60
Trimethylbenzenes	169.6	40	<4.80	<0.79	96	480
Ethanol	--	--	--	--	NS	NS
POLYNUCLEAR AROMATIC HYDROCARBONS						
Naphthalene	5.2	11	*1.8	1.4	10	100
Fluorene	2.2	*5.1	2.5	1.6	80	400
Anthracene	*0.62	*4.2	*1.6	*0.29	600	3000
Fluoranthene	<0.33	<3.1	<0.27	<0.053	80	400
Pyrene	1.2	14	4.5	3.3	50	250
Chrysene	<0.40	<3.8	*0.35	*0.14	0.02	0.2
Benzo(b)fluoranthene	<0.33	<3.2	<0.26	*0.058	0.02	0.2
Benzo(a)Pyrene	<0.38	<3.7	<0.27	*0.062	0.02	0.2
1-Methyl naphthalene	32	72	3.7	2.7	NS	NS
2-Methyl naphthalene	*0.60	<2.3	<0.53	<0.11	NS	NS
Phenanthrene	4.2	20	*1.2	1.3	NS	NS
Total 8270 List	46.02	130.3	15.65	10.85	NS	NS

All concentrations in ppb (ug/l)

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360 = concentration > NR 140 ES

190 = concentration > NR 140 PAL



TETRA TECH

**SECTION E - TABLE 1
GROUNDWATER CHEMISTRY (continued)
FLINT HILLS RESOURCES, LP
WAUPUN, WISCONSIN
TETRA TECH #114-340167**

SAMPLE LOCATION	MW-13				NR	NR
	DATE	11/15/2006	5/17/2007	4/29/2008	7/28/2008	140
Groundwater Elevation	890.79	893.19	895.36	893.76	PAL	ES
PARAMETER						
Diesel Range Organics	230000	5000	--	--	NS	NS
Gasoline Range Organics	3000	1700	--	--	NS	NS
PETROLEUM VOLATILE ORGANIC COMPOUNDS						
Benzene	160	530	253	151	0.5	5
Toluene	3	*2.4	*0.75	*0.64	200	1000
Ethylbenzene	46	11	14.2	10.7	140	700
Xylenes	26.5	<3.7	*3.74	<1.14	1000	10000
Methyl-tert-butyl-ether	3.8	*4.0	*2.7	*2.1	12	60
Trimethylbenzenes	265	22	*11.95	<6.30	96	480
Isopropylbenzene	--	--	--	--	NS	NS
p Isopropyltoluene	--	--	--	--	NS	NS
n Propylbenzene	--	--	--	--	NS	NS
Ethanol	--	--	--	--	NS	NS
POLYNUCLEAR AROMATIC HYDROCARBONS						
Naphthalene	29	1.4	0.4	0.51	10	100
Fluorene	7.1	0.70	0.20	0.26	80	400
Anthracene	*2.9	*0.16	*0.039	*0.017	600	3000
Fluoranthene	<3.1	<0.065	*0.020	<0.0056	80	400
Pyrene	*7.1	0.31	0.11	*0.025	50	250
Chrysene	<3.8	*0.083	*0.029	<0.0073	0.02	0.2
Benzo(b)fluoranthene	<3.1	<0.066	*0.017	<0.0054	0.02	0.2
Benzo(a)Pyrene	<3.7	<0.077	*0.012	<0.057	0.02	0.2
1-Methyl naphthalene	59	0.56	0.38	0.24	NS	NS
2-Methyl naphthalene	*7.0	*0.062	0.047	*0.036	NS	NS
Phenanthrene	12	0.42	0.054	0.11	NS	NS
Total 8270 List	124.1	4.447	1.308	1.198	NS	NS

All concentrations in ppb (ug/l)

NS = No applicable standard

PAL = WDNR Preventative Action Limit

ES = WDNR Enforcement Standard

"--" = Not analyzed

< = Parameter was not detected and if present is less than the limit of detection reported

* = Value is less than the laboratory limit of quantitation, but reported per WDNR guidelines dated 3/1/96

^ = Analyzed under PVOC methods

360 = concentration > NR 140 ES

190 = concentration > NR 140 PAL



TETRA TECH

SECTION E - TABLE 1
 GROUNDWATER CHEMISTRY (continued)
 FLINT HILLS RESOURCES, LP
 WAUPUN, WISCONSIN
 TETRA TECH #114-340167

SAMPLE LOCATION	MW-14				NR	NR
	DATE	2/22/2006	5/24/2006	8/28/2006	Abandoned 10/2006	140
Groundwater Elevation	^	^	890.55	-	PAL	ES
PARAMETER						
Diesel Range Organics	--	--	440	--	NS	NS
Gasoline Range Organics	--	--	--	--	NS	NS
PETROLEUM VOLATILE ORGANIC COMPOUNDS						
Benzene	^	^	0.77	--	0.5	5
Toluene	^	^	<0.36	--	200	1000
Ethylbenzene	^	^	<0.40	--	140	700
Xylenes	^	^	<0.74	--	1000	10000
Methyl-tert-butyl-ether	^	^	<0.36	--	12	60
Trimethylbenzenes	^	^	<0.40	--	96	480
n Butylbenzene	^	^	--	--	NS	NS
sec Butylbenzene	^	^	--	--	NS	NS
Isopropylbenzene	^	^	--	--	NS	NS
p Isopropyltoluene	^	^	--	--	NS	NS
n Propylbenzene	^	^	--	--	NS	NS
Ethanol	^	^	--	--	NS	NS
POLYNUCLEAR AROMATIC HYDROCARBONS						
Naphthalene	^	^	0.13	--	8	40
Fluorene	^	^	0.26	--	80	400
Anthracene	^	^	0.063	--	600	3000
Fluoranthene	^	^	*0.017	--	80	400
Pyrene	^	^	0.095	--	50	250
Chrysene	^	^	<0.020	--	0.02	0.2
Benzo(b)fluoranthene	^	^	<0.016	--	0.02	0.2
Benzo(a)Pyrene	^	^	<0.019	--	0.02	0.2
1-Methyl naphthalene	^	^	*0.013	--	NS	NS
2-Methyl naphthalene	^	^	*0.018	--	NS	NS
Phenanthrene	^	^	0.091	--	NS	NS
Total 8270 List	^	^	0.921	--	NS	NS

Rem Sys Shut Down

All concentrations in ppb (ug/l)

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ES = WDNR Enforcement Standard

"-" = Not analyzed, MW-14 was abandoned on October 23, 2006

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^ = Analyzed under PVOC methods

360 = concentration > NR 140 ES

190 = concentration > NR 140 PAL



TETRA TECH

SECTION E - TABLE 1
 GROUNDWATER CHEMISTRY (continued)
 FLINT HILLS RESOURCES, LP
 WAUPUN, WISCONSIN
 TETRA TECH #114-340167

SAMPLE LOCATION	MW-15				NR	NR
	DATE	9/30/2009	1/5/2010	3/30/2010	7/27/2011	PAL
Groundwater Elevation	890.27	892.24	893.66	893.66		
PARAMETER						
Diesel Range Organics	--	--	--	473	NS	NS
Gasoline Range Organics	--	--	--	1260	NS	NS
PETROLEUM VOLATILE ORGANIC COMPOUNDS						
Benzene	2.7	1.5	2.8	2.1	0.5	5
Toluene	*0.92	<0.42	*0.70	*0.68	200	1000
Ethylbenzene	90.7	34.1	56.4	32.2	140	700
Xylenes	84.9	24.1	40.6	25.4	1000	10000
Methyl-tert-butyl-ether	1.4	2.1	1.0	3.8	12	60
Trimethylbenzenes	360.9	132.3	168.4	160.6	96	480
n Butylbenzene	--	--	--	--	NS	NS
Isopropylbenzene	--	--	--	--	NS	NS
p Isopropyltoluene	--	--	--	--	NS	NS
n Propylbenzene	--	--	--	--	NS	NS
Ethanol	--	--	--	--	NS	NS
POLYNUCLEAR AROMATIC HYDROCARBONS						
Naphthalene	14.4	1.4	4.0	3.2	10	100
Fluorene	*0.58	0.40	0.31	0.88	80	400
Anthracene	<0.57	*0.044	*0.033	0.11	600	3000
Fluoranthene	<0.44	*0.0045	*0.0051	*0.0084	80	400
Pyrene	<0.47	*0.015	*0.013	*0.026	50	250
Chrysene	<0.35	<0.0035	<0.0036	<0.0035	0.02	0.2
Benzo(b)fluoranthene	<0.34	<0.0034	<0.0035	<0.0034	0.02	0.2
Benzo(a)Pyrene	<0.29	<0.0029	<0.0029	<0.0029	0.02	0.2
1-Methyl naphthalene	19.1	9.8	7.8	17.9	NS	NS
2-Methyl naphthalene	*2.4	0.35	0.42	0.33	NS	NS
Phenanthrene	<0.81	0.22	0.30	0.89	NS	NS
Total 8270 List	37.2	12.5865	13.2191	23.34	NS	NS

All concentrations in ppb (ug/l)

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360 = concentration > NR 140 ES

190 = concentration > NR 140 PAL



TETRA TECH

**SECTION E - TABLE 1
GROUNDWATER CHEMISTRY (continued)
FLINT HILLS RESOURCES, LP
WAUPUN, WISCONSIN
TETRA TECH #114-340167**

SAMPLE LOCATION	MW-16				NR	NR
	DATE	11/15/2006	5/17/2007	4/29/2008	7/28/2008	140
Groundwater Elevation	883.89	894.13	896.54	894.80	PAL	ES
PARAMETER						
Diesel Range Organics	280	<100	--	--	NS	NS
Gasoline Range Organics	<50	<50	--	--	NS	NS
PETROLEUM VOLATILE ORGANIC COMPOUNDS						
Benzene	<0.14	0.72	1.2	2.2	0.5	5
Toluene	<0.36	<0.36	<0.36	<0.36	200	1000
Ethylbenzene	<0.40	<0.40	<0.40	<0.40	140	700
Xylenes	<0.74	<0.74	<1.10	<1.10	1000	10000
Methyl-tert-butyl-ether	<0.36	<0.36	<0.36	<0.36	12	60
Trimethylbenzenes	<0.40	<0.40	<0.79	<0.79	96	480
n Butylbenzene	--	--	--	--	NS	NS
Isopropylbenzene	--	--	--	--	NS	NS
p Isopropyltoluene	--	--	--	--	NS	NS
n Propylbenzene	--	--	--	--	NS	NS
Ethanol	--	--	--	--	NS	NS
POLYNUCLEAR AROMATIC HYDROCARBONS						
Naphthalene	*0.036	0.088	<0.017	<0.016	10	100
Fluorene	<0.0095	<0.0091	*0.0080	<0.0063	80	400
Anthracene	<0.012	<0.012	<0.0068	<0.0065	600	3000
Fluoranthene	<0.016	<0.015	<0.0056	<0.0053	80	400
Pyrene	<0.015	<0.015	<0.0071	<0.0068	50	250
Chrysene	<0.020	<0.019	<0.0073	<0.0070	0.02	0.2
Benzo(b)fluoranthene	<0.016	<0.016	<0.0054	<0.0051	0.02	0.2
Benzo(a)Pyrene	<0.019	<0.018	<0.0057	<0.0054	0.02	0.2
1-Methyl naphthalene	0.059	0.062	*0.016	*0.014	NS	NS
2-Methyl naphthalene	*0.018	0.042	<0.011	<0.011	NS	NS
Phenanthrene	*0.023	*0.014	*0.024	*0.012	NS	NS
Total 8270 List	0.136	0.206	0.048	0.026	NS	NS

All concentrations in ppb (ug/l)

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360 = concentration > NR 140 ES

190 = concentration > NR 140 PAL



TETRA TECH

**SECTION E - TABLE 1
GROUNDWATER CHEMISTRY (continued)
FLINT HILLS RESOURCES, LP
WAUPUN, WISCONSIN
TETRA TECH #114-340167**

SAMPLE LOCATION	MW-17				NR	NR
	DATE	11/16/2005	5/24/2006	11/15/2006	5/17/2007	140
Groundwater Elevation	888.23	893.35	884.30	892.20	PAL	ES
PARAMETER						
Diesel Range Organics	--	4800	420	230	NS	NS
Gasoline Range Organics	--	130	500	<50	NS	NS
PETROLEUM VOLATILE ORGANIC COMPOUNDS						
Benzene	0.65	0.63	69	<0.14	0.5	5
Toluene	<0.67	<0.36	*0.58	<0.36	200	1000
Ethylbenzene	<0.54	3.7	5.3	<0.40	140	700
Xylenes	<1.8	*2.75	*1.4	<0.74	1000	10000
Methyl-tert-butyl-ether	<0.61	*0.64	2.1	<0.36	12	60
Trimethylbenzenes	<0.97	4.52	3.8	<0.40	96	480
n Butylbenzene	<0.93	--	--	--	NS	NS
Isopropylbenzene	<0.59	--	--	--	NS	NS
p Isopropyltoluene	<0.67	--	--	--	NS	NS
n Propylbenzene	<0.81	--	--	--	NS	NS
Ethanol	--	--	--	--	NS	NS
POLYNUCLEAR AROMATIC HYDROCARBONS						
Naphthalene	<0.047	0.071	0.082	0.07	8	40
Fluorene	*0.0099	*0.016	*0.029	<0.0095	80	400
Anthracene	<0.012	<0.012	<0.012	<0.012	600	3000
Fluoranthene	<0.015	<0.016	<0.016	<0.016	80	400
Pyrene	<0.015	0.066	<0.015	<0.015	50	250
Chrysene	<0.019	<0.019	<0.019	<0.020	0.02	0.2
Benzo(b)fluoranthene	<0.018	<0.016	<0.016	<0.016	0.02	0.2
Benzo(a)Pyrene	<0.018	<0.019	<0.019	<0.019	0.02	0.2
1-Methyl naphthalene	*0.086	0.24	0.16	0.046	NS	NS
2-Methyl naphthalene	<0.047	0.076	0.041	*0.029	NS	NS
Phenanthrene	*0.02	*0.025	0.043	*0.017	NS	NS
Total 8270 List	*0.1256	0.512	0.355	0.162	NS	NS

Rem Sys On Rem Sys Shut Down

All concentrations in ppb (ug/l)

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TETRA TECH

SECTION E - TABLE 1
 GROUNDWATER CHEMISTRY (continued)
 FLINT HILLS RESOURCES, LP
 WAUPUN, WISCONSIN
 TETRA TECH #114-340167

SAMPLE LOCATION	MW-18				NR	NR
	5/17/2007	4/29/2008	7/28/2008	7/27/2011	140	140
Groundwater Elevation	892.46	895.09	893.19	893.19	PAL	ES
PARAMETER						
Diesel Range Organics	2100	--	--	564	NS	NS
Gasoline Range Organics	3800	--	--	1120	NS	NS
PETROLEUM VOLATILE ORGANIC COMPOUNDS						
Benzene	5.5	*4.8	11.9	1.3	0.5	5
Toluene	*2.8	<3.6	*2.0	*0.42	200	1000
Ethylbenzene	190	223	206	3.8	140	700
Xylenes	186	178.5	171.8	*8.81	1000	10000
Methyl-tert-butyl-ether	7.6	*7.9	*3.2	1.9	12	60
Trimethylbenzenes	820	988	1027	*161.95	96	480
n Butylbenzene	--	--	--	--	NS	NS
Isopropylbenzene	--	--	--	--	NS	NS
p Isopropyltoluene	--	--	--	--	NS	NS
n Propylbenzene	--	--	--	--	NS	NS
Ethanol	--	--	--	--	NS	NS
POLYNUCLEAR AROMATIC HYDROCARBONS						
Naphthalene	12	*6.7	28.7	2.6	10	100
Fluorene	<1.2	*2.0	*2.8	*1.7	80	400
Anthracene	0.096	0.25	<0.65	<0.29	600	3000
Fluoranthene	<0.016	*0.031	<0.53	<0.22	80	400
Pyrene	0.068	0.18	<0.68	<0.24	50	250
Chrysene	<0.020	<0.0071	<0.70	<0.17	0.02	0.2
Benzo(b)fluoranthene	<0.017	<0.0052	<0.51	<0.17	0.02	0.2
Benzo(a)Pyrene	<0.019	<0.0055	<0.54	<0.14	0.02	0.2
1-Methyl naphthalene	39	81	110	23.4	NS	NS
2-Methyl naphthalene	5.4	<2.7	16.1	*0.68	NS	NS
Phenanthrene	<1.5	*2.9	*3.1	*0.84	NS	NS
Total 8270 List	56.724	93.061	160.7	29.22	NS	NS

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 ES = WDNR Enforcement Standard
 "--" = Not analyzed

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190 = concentration > NR 140 PAL

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 ^ = Analyzed under PVOC methods



TETRA TECH

**SECTION E - TABLE 1
GROUNDWATER CHEMISTRY (continued)
FLINT HILLS RESOURCES, LP
WAUPUN, WISCONSIN
TETRA TECH #114-340167**

SAMPLE LOCATION	MW-19				NR	NR
	DATE	8/28/2006	11/15/2006	2/14/2007	5/17/2007	140
Groundwater Elevation	888.52	885.45	890.52	892.15	PAL	ES
PARAMETER						
Diesel Range Organics	4300	5900	6400	5300	NS	NS
Gasoline Range Organics	--	6400	7700	7300	NS	NS
PETROLEUM VOLATILE ORGANIC COMPOUNDS						
Benzene	58	60	41	140	0.5	5
Toluene	<3.6	*6.9	4	*4.7	200	1000
Ethylbenzene	380	580	450	450	140	700
Xylenes	317	657	490	563	1000	10000
Methyl-tert-butyl-ether	*8.6	22	9.1	32	12	60
Trimethylbenzenes	896	1420	1100	1288	96	480
Isopropylbenzene	--	--	--	--	NS	NS
p Isopropyltoluene	--	--	--	--	NS	NS
n Propylbenzene	--	--	--	--	NS	NS
Ethanol	--	--	--	--	NS	NS
POLYNUCLEAR AROMATIC HYDROCARBONS						
Naphthalene	11	85	110	58	8	40
Fluorene	2.2	*3.4	4.0	*2.2	80	400
Anthracene	*0.39	<2.4	*1.3	<2.5	600	3000
Fluoranthene	<0.31	<3.3	<1.5	<3.3	80	400
Pyrene	<0.29	<3.0	<1.5	<3.1	50	250
Chrysene	<0.38	<4.0	<1.9	<4.0	0.02	0.2
Benzo(b)fluoranthene	<0.31	<3.3	<1.6	<3.3	0.02	0.2
Benzo(a)Pyrene	<0.37	<3.8	<1.8	<3.9	0.02	0.2
1-Methyl naphthalene	67	95	120	91	NS	NS
2-Methyl naphthalene	2.7	57	100	32	NS	NS
Phenanthrene	3.9	*4.8	7.6	*2.9	NS	NS
Total 8270 List	88.86	245.2	346.44	188.1	NS	NS

Rem Sys Shut Down

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360 = concentration > NR 140 ES

190 = concentration > NR 140 PAL



TETRA TECH

**SECTION E - TABLE 1
GROUNDWATER CHEMISTRY (continued)
FLINT HILLS RESOURCES, LP
WAUPUN, WISCONSIN
TETRA TECH #114-340167**

SAMPLE LOCATION	MW-20				NR	NR
	DATE	5/17/2007	4/29/2008	7/28/2008	7/27/2011	140
Groundwater Elevation	894.13	896.69	894.81	894.81	PAL	ES
PARAMETER						
Diesel Range Organics	7000	--	--	1500	NS	NS
Gasoline Range Organics	20000	--	--	3790	NS	NS
PETROLEUM VOLATILE ORGANIC COMPOUNDS						
Benzene	2700	1970	1550	165	0.5	5
Toluene	700	216	214	16.4	200	1000
Ethylbenzene	1100	757	788	269	140	700
Xylenes	5600	3655	2641	506.1	1000	10000
Methyl-tert-butyl-ether	*20	*10	*8.3	3.3	12	60
Trimethylbenzenes	1650	1149	1124	853.1	96	480
Ethanol	--	--	--	--	NS	NS
POLYNUCLEAR AROMATIC HYDROCARBONS						
Naphthalene	150	167	111	92.5	10	100
Fluorene	<1.9	<0.66	<1.6	*0.73	80	400
Anthracene	<2.5	<0.68	0.074	<0.12	600	3000
Fluoranthene	<3.3	<0.56	*0.0087	*<0.91	80	400
Pyrene	<3.1	<0.71	*0.035	<0.098	50	250
Chrysene	<4.0	<0.73	<0.0070	<0.072	0.02	0.2
Benzo(b)fluoranthene	<3.3	<0.54	<0.0051	<0.070	0.02	0.2
Benzo(a)Pyrene	<3.9	<0.57	<0.0054	<0.059	0.02	0.2
1-Methyl naphthalene	45	44.5	34.6	33.8	NS	NS
2-Methyl naphthalene	64	46.7	13.7	38.9	NS	NS
Phenanthrene	<2.4	<0.78	<1.9	*0.54	NS	NS
Total 8270 List	259	258.2	162.9352	166.47	NS	NS

All concentrations in ppb (ug/l)

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360 = concentration > NR 140 ES

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TETRA TECH

**SECTION E - TABLE 1
GROUNDWATER CHEMISTRY (continued)
FLINT HILLS RESOURCES, LP
WAUPUN, WISCONSIN
TETRA TECH #114-340167**

SAMPLE LOCATION	MW-21				NR	NR
	DATE	11/16/2005	5/24/2006	11/15/2006	5/17/2007	140
Groundwater Elevation	888.24	893.23	882.65	891.99	PAL	ES
PARAMETER						
Diesel Range Organics	--	110	160	<100	NS	NS
Gasoline Range Organics	--	<50	52	<50	NS	NS
PETROLEUM VOLATILE ORGANIC COMPOUNDS						
Benzene	13	*0.18	17	<0.21	0.5	5
Toluene	*1.3	<0.36	<0.36	<0.36	200	1000
Ethylbenzene	11	*0.96	*0.92	<0.40	140	700
Xylenes	48	*1.0	4.09	<0.74	1000	10000
Methyl-tert-butyl-ether	<0.61	<0.36	*0.76	<0.36	12	60
Trimethylbenzenes	29.9	<0.40	4.9	<0.40	96	480
Isopropylbenzene	2.5	--	--	--	NS	NS
p Isopropyltoluene	<0.67	--	--	--	NS	NS
n Propylbenzene	2.9	--	--	--	NS	NS
Ethanol	--	--	--	--	NS	NS
POLYNUCLEAR AROMATIC HYDROCARBONS						
Naphthalene	2.1	*0.028	0.3	*0.017	8	40
Fluorene	0.066	<0.0092	*0.15	<0.0091	80	400
Anthracene	<0.012	<0.012	<0.012	<0.012	600	3000
Fluoranthene	<0.015	<0.016	<0.016	<0.016	80	400
Pyrene	<0.015	<0.015	<0.015	<0.015	50	250
Chrysene	<0.019	<0.019	<0.020	<0.019	0.02	0.2
Benzo(b)fluoranthene	<0.016	<0.016	<0.016	<0.016	0.02	0.2
Benzo(a)Pyrene	<0.018	<0.019	<0.019	<0.019	0.02	0.2
1-Methyl naphthalene	1.7	*0.022	0.23	*0.030	NS	NS
2-Methyl naphthalene	*1.2	*0.021	0.21	*0.030	NS	NS
Phenanthrene	0.069	*0.012	*0.026	*0.013	NS	NS
Total 8270 List	5.197	*0.083	0.916	*0.09	NS	NS

Rem Sys On Rem Sys Shut Down

= concentration > NR 140 ES

= concentration > NR 140 PAL

All concentrations in ppb (ug/l)

NS = No applicable standard

PAL = WDNR Preventative Action Limit

"--" = Not analyzed

< = Parameter was not detected and if present is less than the limit of detection reported

* = Value is less than the laboratory limit of quantitation, but reported per WDNR guidelines dated 3/1/96

^ = Analyzed under PVOC methods



TETRA TECH

**SECTION E - TABLE 1
GROUNDWATER CHEMISTRY (continued)
FLINT HILLS RESOURCES, LP
WAUPUN, WISCONSIN
TETRA TECH #114-340167**

SAMPLE LOCATION	MW-22				NR	NR
	DATE	11/15/2006	5/17/2007	5/24/2010	7/27/2011	PAL
Groundwater Elevation	882.77	891.87	891.67	891.67		
PARAMETER						
Diesel Range Organics	340000	580000	--	641	NS	NS
Gasoline Range Organics	1000	7300	--	806	NS	NS
PETROLEUM VOLATILE ORGANIC COMPOUNDS						
Benzene	*7.2	15	37.7	6.6	0.5	5
Toluene	<7.1	<3.6	<2.1	*0.45	200	1000
Ethylbenzene	520	290	74.1	20.6	140	700
Xylenes	1128	449	38.8	8.2	1000	10000
Methyl-tert-butyl-ether	*10	<3.6	<1.9	1.6	12	60
Trimethylbenzenes	2080	1220	293.3	*33.81	96	480
n Butylbenzene	--	--	--	--	NS	NS
sec Butylbenzene	--	--	--	--	NS	NS
Isopropylbenzene	--	--	--	--	NS	NS
p Isopropyltoluene	--	--	--	--	NS	NS
n Propylbenzene	--	--	--	--	NS	NS
Ethanol	--	--	--	--	NS	NS
POLYNUCLEAR AROMATIC HYDROCARBONS						
Naphthalene	720	300	23.3	*2.8	8	40
Fluorene	130	120	14.5	*1.3	80	400
Anthracene	55	41	*8.5	<0.38	600	3000
Fluoranthene	*12	<12	*1.2	<0.29	80	400
Pyrene	63	42	*7.6	<0.31	50	250
Chrysene	<8.6	<15	<0.70	<0.23	0.02	0.2
Benzo(b)fluoranthene	<7.1	<13	<0.68	<0.22	0.02	0.2
Benzo(a)Pyrene	<8.4	<15	<0.57	<0.19	0.02	0.2
1-Methyl naphthalene	2500	1300	132	173	NS	NS
2-Methyl naphthalene	3100	1400	40.5	*1.2	NS	NS
Phenanthrene	530	310	41.3	*1.5	NS	NS
Total 8270 List	7110	3609	283.1	179.8	NS	NS

All concentrations in ppb (ug/l)

NS = No applicable standard

PAL = WDNR Preventative Action Limit

"--" = Not analyzed

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* = Value is less than the laboratory limit of quantitation, but reported per WDNR guidelines dated 3/1/96

^ = Analyzed under PVOC methods

360 = concentration > NR 140 ES

190 = concentration > NR 140 PAL



TETRA TECH

**SECTION E - TABLE 1
GROUNDWATER CHEMISTRY (continued)
FLINT HILLS RESOURCES, LP
WAUPUN, WISCONSIN
TETRA TECH #114-340167**

SAMPLE LOCATION	MW-23				NR	NR
	DATE	5/17/2007	4/29/2008	7/28/2008	5/24/2010	140
Groundwater Elevation	891.98	894.77	892.83	892.30	PAL	ES
PARAMETER						
Diesel Range Organics	<100	--	--	--	NS	NS
Gasoline Range Organics	<50	--	--	--	NS	NS
PETROLEUM VOLATILE ORGANIC COMPOUNDS						
Benzene	<0.21	30.7	18.5	2.7	0.5	5
Toluene	<0.36	*0.73	<0.36	<0.42	200	1000
Ethylbenzene	<0.40	56.4	5.3	<0.41	140	700
Xylenes	<0.74	16.3	<1.74	<0.87	1000	10000
Methyl-tert-butyl-ether	<0.36	*5.0	0.36	<0.38	12	60
Trimethylbenzenes	<0.40	187.1	<1.70	<0.43	96	480
Ethanol	--	--	--	--	NS	NS
POLYNUCLEAR AROMATIC HYDROCARBONS						
Naphthalene	<0.012	3.8	2.7	0.67	10	100
Fluorene	<0.0091	*0.78	*0.21	*0.011	80	400
Anthracene	<0.012	<0.14	<0.16	<0.0060	600	3000
Fluoranthene	<0.016	<0.11	<0.13	*0.0096	80	400
Pyrene	<0.015	<0.14	<0.17	*0.0095	50	250
Chrysene	<0.019	<0.15	<0.17	*0.0054	0.02	0.2
Benzo(b)fluoranthene	<0.016	<0.11	<0.13	<0.0036	0.02	0.2
Benzo(a)Pyrene	<0.019	<0.11	<0.13	*0.0034	0.02	0.2
1-Methyl naphthalene	0.039	27.8	8.1	0.42	NS	NS
2-Methyl naphthalene	*0.014	*0.39	*0.27	0.21	NS	NS
Phenanthrene	<0.011	*0.39	*0.38	*0.024	NS	NS
Total 8270 List	0.053	33.16	11.66	1.3799	NS	NS

All concentrations in ppb (ug/l)

NS = No applicable standard

PAL = WDNR Preventative Action Limit

"--" = Not analyzed

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* = Value is less than the laboratory limit of quantitation, but reported per WDNR guidelines dated 3/1/96

^ = Analyzed under PVOC methods

360 = concentration > NR 140 ES

190 = concentration > NR 140 PAL



TETRA TECH

**SECTION 3 - TABLE 1
GROUNDWATER CHEMISTRY (continued)
FLINT HILLS RESOURCES, LP
WAUPUN, WISCONSIN
TETRA TECH #114-340167**

SAMPLE LOCATION	MW-24				NR	NR
	DATE	2/14/2007	5/17/2007	5/24/2010	7/27/2011	140
Groundwater Elevation	890.69	892.32	891.24	891.24	PAL	ES
PARAMETER						
Diesel Range Organics	6300	6600	--	1190	NS	NS
Gasoline Range Organics	4300	2600	--	858	NS	NS
PETROLEUM VOLATILE ORGANIC COMPOUNDS						
Benzene	9.6	9.4	3.4	2.9	0.5	5
Toluene	2.5	<1.8	*0.43	<0.42	200	1000
Ethylbenzene	230	210	10.7	5.9	140	700
Xylenes	181	97	*1.6	<3.28	1000	10000
Methyl-tert-butyl-ether	*2.0	<1.8	*0.78	1.2	12	60
Trimethylbenzenes	749	600	123	<109.4	96	480
Ethanol	--	--	--	--	NS	NS
POLYNUCLEAR AROMATIC HYDROCARBONS						
Naphthalene	19	*2.6	*1.3	1.8	8	40
Fluorene	*1.7	*1.1	*1.5	1.5	80	400
Anthracene	<1.2	<1.2	*0.34	*0.15	600	3000
Fluoranthene	<1.5	<1.6	<0.22	<0.088	80	400
Pyrene	<1.5	<1.5	*0.25	<0.095	50	250
Chrysene	<1.9	<1.9	<0.18	*0.083	0.02	0.2
Benzo(b)fluoranthene	<1.6	<1.6	<0.17	*0.085	0.02	0.2
Benzo(a)Pyrene	<1.8	<1.9	<0.14	0.057	0.02	0.2
1-Methyl naphthalene	67	42	23.9	18.0	NS	NS
2-Methyl naphthalene	15	<1.1	<0.19	*0.13	NS	NS
Phenanthrene	*3.3	*1.6	*1.7	1.2	NS	NS
Total 8270 List	107.5	48.21	30.46	23.005	NS	NS

All concentrations in ppb (ug/l)
 NS = No applicable standard
 PAL = WDNR Preventative Action Limit
 "--" = Not analyzed
 < = Parameter was not detected and if present is less than the limit of detection reported
 * = Value is less than the laboratory limit of quantitation, but reported per WDNR guidelines dated 3/1/96
 ^ = Analyzed under PVOC methods

360 = concentration > NR 140 ES

190 = concentration > NR 140 PAL



TETRA TECH

**SECTION E - TABLE 1
GROUNDWATER CHEMISTRY (continued)
FLINT HILLS RESOURCES, LP
WAUPUN, WISCONSIN
TETRA TECH #114-340167**

SAMPLE LOCATION	MW-25				NR	NR	
	DATE	9/30/2009	1/5/2010	3/30/2010	7/27/2011	140	140
Groundwater Elevation	887.62	888.52	888.85	888.85	PAL	ES	
PARAMETER							
Diesel Range Organics	--	--	--	--	*31.4	NS	NS
Gasoline Range Organics	--	--	--	--	<32.4	NS	NS
PETROLEUM VOLATILE ORGANIC COMPOUNDS							
Benzene	<0.23	<0.39	1.9	<0.39	<0.39	0.5	5
Toluene	<0.36	<0.42	<0.42	<0.42	<0.42	200	1000
Ethylbenzene	<0.40	<0.41	<0.41	<0.41	<0.41	140	700
Xylenes	<0.74	<0.87	<0.87	<1.25	<1.25	1000	10000
Methyl-tert-butyl-ether	<0.36	<0.38	<0.38	<0.38	<0.38	12	60
Trimethylbenzenes	<0.40	<0.43	<0.43	<0.83	<0.83	96	480
Ethanol	--	--	--	--	--	NS	NS
POLYNUCLEAR AROMATIC HYDROCARBONS							
Naphthalene	*0.016	*0.0082	*0.029	*0.012	*0.012	10	100
Fluorene	<0.0048	<0.0048	<0.0048	*0.0055	*0.0055	80	400
Anthracene	<0.0057	<0.0057	<0.0058	<0.0061	<0.0061	600	3000
Fluoranthene	<0.0044	<0.0044	<0.0044	<0.0047	<0.0047	80	400
Pyrene	<0.0047	<0.0047	<0.0048	<0.0051	<0.0051	50	250
Chrysene	<0.0035	<0.0035	*0.0037	<0.0037	<0.0037	0.02	0.2
Benzo(b)fluoranthene	<0.0034	<0.0034	<0.0034	<0.0036	<0.0036	0.02	0.2
Benzo(a)Pyrene	<0.0029	<0.0029	<0.0029	<0.0031	<0.0031	0.02	0.2
1-Methyl naphthalene	*0.014	*0.0077	*0.027	*0.0099	*0.0099	NS	NS
2-Methyl naphthalene	*0.010	*0.0059	*0.0086	*0.0063	*0.0063	NS	NS
Phenanthrene	*0.0084	<0.0081	*0.0088	<0.0087	<0.0087	NS	NS
Total 8270 List	*0.0484	0.0218*	*0.0771	0.0424	0.0424	NS	NS

All concentrations in ppb (ug/l)

NS = No applicable standard

PAL = WDNR Preventative Action Limit

"--" = Not analyzed

< = Parameter was not detected and if present is less than the limit of detection reported

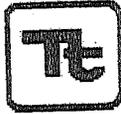
* = Value is less than the laboratory limit of quantitation, but reported per WDNR guidelines dated 3/1/96

^ = Analyzed under PVOC methods

NR = Not Recorded

360 = concentration > NR 140 ES

190 = concentration > NR 140 PAL



TETRA TECH

**SECTION E - TABLE 1
GROUNDWATER CHEMISTRY (continued)
FLINT HILLS RESOURCES, LP
WAUPUN, WISCONSIN
TETRA TECH #114-340167**

SAMPLE LOCATION	MW-26				NR	NR
	11/16/2005	5/24/2006	11/15/2006	5/17/2007	140	140
DATE					PAL	ES
Groundwater Elevation	887.85	892.23	881.88	891.13		
PARAMETER						
Diesel Range Organics	--	<100	<110	<110	NS	NS
Gasoline Range Organics	--	<50	<50	<50	NS	NS
PETROLEUM VOLATILE ORGANIC COMPOUNDS						
Benzene	<0.41	<0.14	<0.14	0.72	0.5	5
Toluene	<0.67	<0.36	<0.36	<0.36	200	1000
Ethylbenzene	<0.54	<0.40	<0.40	<0.40	140	700
Xylenes	<1.8	<0.74	<0.74	<0.74	1000	10000
Methyl-tert-butyl-ether	<0.61	<0.36	<0.36	<0.36	12	60
Trimethylbenzenes	<0.97	<0.40	<0.40	<0.40	96	480
n Butylbenzene	<0.93	--	--	--	NS	NS
Isopropylbenzene	<0.59	--	--	--	NS	NS
n Propylbenzene	<0.81	--	--	--	NS	NS
Ethanol	--	--	--	--	NS	NS
POLYNUCLEAR AROMATIC HYDROCARBONS						
Naphthalene	*0.019	*0.016	*0.034	0.089	8	40
Fluorene	<0.0091	<0.0091	<0.0092	<0.0091	80	400
Anthracene	<0.012	<0.012	<0.012	<0.012	600	3000
Fluoranthene	<0.015	<0.015	<0.016	<0.016	80	400
Pyrene	<0.015	<0.015	<0.015	<0.015	50	250
Chrysene	<0.019	<0.019	<0.019	<0.019	0.02	0.2
Benzo(b)fluoranthene	<0.016	<0.016	<0.016	<0.016	0.02	0.2
Benzo(a)Pyrene	<0.018	<0.018	<0.019	<0.019	0.02	0.2
1-Methyl naphthalene	*0.012	<0.010	0.066	0.18	NS	NS
2-Methyl naphthalene	*0.013	*0.015	*0.031	0.18	NS	NS
Phenanthrene	<0.011	<0.011	<0.012	*0.017	NS	NS
Total 8270 List	0.044	*0.031	0.131	0.466	NS	NS

Rem Sys On

Rem Sys Shut Off

360

= concentration > NR 140 ES

190

= concentration > NR 140 PAL

All concentrations in ppb (ug/l)

NS = No applicable standard

PAL = WDNR Preventative Action Limit

"--" = Not analyzed

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^ = Analyzed under PVOC methods



TETRA TECH

SECTION E - TABLE 1
 GROUNDWATER CHEMISTRY (continued)
 FLINT HILLS RESOURCES, LP
 WAUPUN, WISCONSIN
 TETRA TECH #114-340167

SAMPLE LOCATION	MW-27				NR	NR
	DATE	5/24/2006	11/15/2006	5/17/2007	7/27/2011	140
Groundwater Elevation	892.59	883.40	891.25	891.25	PAL	ES
PARAMETER						
Diesel Range Organics	300	310	260	150	NS	NS
Gasoline Range Organics	270	360	230	99	NS	NS
PETROLEUM VOLATILE ORGANIC COMPOUNDS						
Benzene	24	23	18	1.8	0.5	5
Toluene	*0.91	0.65	*0.49	<0.42	200	1000
Ethylbenzene	3.5	<0.40	2.2	<0.41	140	700
Xylenes	<0.74	<0.74	*1.1	<1.25	1000	10000
Methyl-tert-butyl-ether	*0.87	4.1	1.4	<0.38	12	60
Trimethylbenzenes	<0.40	<0.40	*0.48	<0.83	96	480
n Butylbenzene	--	--	--	--	NS	NS
Isopropylbenzene	--	--	--	--	NS	NS
n Propylbenzene	--	--	--	--	NS	NS
p Isopropyltoluene	--	--	--	--	NS	NS
1,2 Dichloroethane	--	--	--	--	0.5	5
Ethanol	--	--	--	--	NS	NS
POLYNUCLEAR AROMATIC HYDROCARBONS						
Naphthalene	0.075	0.31	0.33	0.37	8	40
Fluorene	0.047	0.15	0.089	0.13	80	400
Anthracene	<0.012	<0.014	<0.012	<0.0060	600	3000
Fluoranthene	<0.015	<0.019	<0.016	<0.0046	80	400
Pyrene	<0.015	<0.018	<0.015	<0.0049	50	250
Chrysene	<0.019	<0.023	<0.020	<0.0036	0.02	0.2
Benzo(b)fluoranthene	<0.016	<0.019	<0.017	<0.0035	0.02	0.2
Benzo(a)Pyrene	<0.018	<0.022	<0.019	<0.0030	0.02	0.2
1-Methyl naphthalene	0.043	0.24	0.48	0.13	NS	NS
2-Methyl naphthalene	*0.032	*0.044	*0.019	*0.016	NS	NS
Phenanthrene	*0.022	*0.035	*0.024	*0.024	NS	NS
Total 827D List	0.286	0.779	1.11	0.67	NS	NS

Rem Sys Shut Down

All concentrations in ppb (ug/l) 360 = concentration > NR 140 ES
 NS = No applicable standard
 PAL = WDNR Preventative Action Limit 190 = concentration > NR 140 PAL
 "--" = Not analyzed
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TETRA TECH

**SECTION E - TABLE 1
GROUNDWATER CHEMISTRY (continued)
FLINT HILLS RESOURCES, LP
WAUPUN, WISCONSIN
TETRA TECH #114-340167**

SAMPLE LOCATION	MW-28				NR	NR
	DATE	11/16/2005	5/24/2006	11/15/2006	140	140
Groundwater Elevation	885.55	891.47	882.77	890.24	PAL	ES
PARAMETER						
Diesel Range Organics	--	<100	<110	<100	NS	NS
Gasoline Range Organics	--	<50	<50	<50	NS	NS
PETROLEUM VOLATILE ORGANIC COMPOUNDS						
Benzene	<0.14	<0.14	<0.14	<0.21	0.5	5
Toluene	<0.36	<0.36	<0.36	<0.36	200	1000
Ethylbenzene	<0.40	<0.40	<0.40	<0.40	140	700
Xylenes	<0.74	<0.74	<0.74	<0.74	1000	10000
Methyl-tert-butyl-ether	<0.36	<0.36	<0.36	<0.36	12	60
Trimethylbenzenes	<0.40	<0.40	<0.40	<0.40	96	480
Ethanol	--	--	--	--	NS	NS
POLYNUCLEAR AROMATIC HYDROCARBONS						
Naphthalene	0.047	<0.012	0.19	<0.014	8	40
Fluorene	<0.0091	<0.0091	*0.014	<0.0099	80	400
Anthracene	<0.012	<0.012	<0.012	<0.013	600	3000
Fluoranthene	<0.015	<0.015	<0.016	<0.017	80	400
Pyrene	<0.015	<0.015	<0.015	<0.016	50	250
Chrysene	<0.019	<0.019	<0.019	<0.021	0.02	0.2
Benzo(b)fluoranthene	<0.016	<0.016	<0.016	<0.017	0.02	0.2
Benzo(a)Pyrene	<0.018	<0.018	<0.019	<0.020	0.02	0.2
1-Methyl naphthalene	0.084	*0.14	0.33	<0.011	NS	NS
2-Methyl naphthalene	0.092	*0.015	0.45	<0.012	NS	NS
Phenanthrene	<0.011	*0.015	*0.024	<0.012	NS	NS
Total 8270 List	0.176	*0.044	1.008	<0.021	NS	NS

Rem Sys On

Rem Sys Shut Down

360 = concentration > NR 140 ES

All concentrations in ppb (ug/l)

NS = No applicable standard

PAL = WDNR Preventative Action Limit

"--" = Not analyzed

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^ = Analyzed under PVOC methods

190 = concentration > NR 140 PAL



TETRA TECH

**SECTION E - TABLE 1
GROUNDWATER CHEMISTRY (continued)
FLINT HILLS RESOURCES, LP
WAUPUN, WISCONSIN
TETRA TECH #114-340167**

SAMPLE LOCATION	MW-29				NR	NR
	DATE	11/15/2006	5/17/2007	4/29/2008	7/28/2008	140
Groundwater Elevation	884.33	891.80	894.68	892.77	PAL	ES
PARAMETER						
Diesel Range Organics	62000	42000	--	--	NS	NS
Gasoline Range Organics	7000	1900	--	--	NS	NS
PETROLEUM VOLATILE ORGANIC COMPOUNDS						
Benzene	35	9.2	*0.47	*0.86	0.5	5
Toluene	<3.6	<0.71	<0.36	<0.36	200	1000
Ethylbenzene	250	81	8.2	19.9	140	700
Xylenes	393	91	7.2	19.7	1000	10000
Methyl-tert-butyl-ether	3.8	<0.72	<0.36	<0.36	12	60
Trimethylbenzenes	1450	334.9	94.1	185.7	96	480
n Butylbenzene	--	--	--	--	NS	NS
Isopropylbenzene	--	--	--	--	NS	NS
n Propylbenzene	--	--	--	--	NS	NS
Ethanol	--	--	--	--	NS	NS
POLYNUCLEAR AROMATIC HYDROCARBONS						
Naphthalene	670	57	4.4	2.8	10	100
Fluorene	140	*6.4	*0.64	*0.63	80	400
Anthracene	72	<5.8	*0.13	0.26	600	3000
Fluoranthene	16	<7.7	<0.11	0.049	80	400
Pyrene	88	<7.3	*0.22	<0.34	50	250
Chrysene	*5.0	<9.5	<0.14	*0.026	0.02	0.2
Benzo(b)fluoranthene	<3.2	<7.8	<0.10	<0.0051	0.02	0.2
Benzo(a)Pyrene	<3.7	<9.2	<0.11	*0.0059	0.02	0.2
1-Methyl naphthalene	2500	110	12.9	9	NS	NS
2-Methyl naphthalene	1400	32	1	*1.6	NS	NS
Phenanthrene	580	*17	*0.77	*1.2	NS	NS
Total 8270 List	5471	222.4	20.06	15.576	NS	NS

Rem Sys Shut Down

All concentrations in ppb (ug/l)

= concentration > NR 140 ES

NS = No applicable standard

PAL = WDNR Preventative Action Limit

= concentration > NR 140 PAL

"--" = Not analyzed

< = Parameter was not detected and if present is less than the limit of detection reported

* = Value is less than the laboratory limit of quantitation, but reported per WDNR guidelines dated 3/1/96

^ = Analyzed under PVOC methods



TETRA TECH

**SECTION E - TABLE 1
GROUNDWATER CHEMISTRY (continued)
FLINT HILLS RESOURCES, LP
WAUPUN, WISCONSIN
TETRA TECH #114-340167**

SAMPLE LOCATION	MW-30				NR	NR
	DATE	11/15/2006	5/17/2007	4/29/2008	7/28/2008	140
Groundwater Elevation	885.78	893.52	895.77	894.21	PAL	ES
PARAMETER					NS	NS
Diesel Range Organics	190	<110	--	--	NS	NS
Gasoline Range Organics	840	<50	--	--	NS	NS
PETROLEUM VOLATILE ORGANIC COMPOUNDS						
Benzene	490	<0.21	<0.14	<0.14	0.5	5
Toluene	*2.2	<0.36	<0.36	<0.36	200	1000
Ethylbenzene	24	<0.40	<0.40	<0.40	140	700
Xylenes	19.9	<0.74	<1.10	<1.10	1000	10000
Methyl-tert-butyl-ether	4.8	<0.36	<0.36	<0.36	12	60
Trimethylbenzenes	14	<0.40	<0.79	<0.79	96	480
Ethanol	--	--	--	--	NS	NS
POLYNUCLEAR AROMATIC HYDROCARBONS						
Naphthalene	2	<0.013	<0.016	0.058	10	100
Fluorene	<0.074	<0.0095	<0.0063	<0.0063	80	400
Anthracene	<0.094	<0.012	<0.0065	<0.0065	600	3000
Fluoranthene	<0.13	<0.016	<0.0053	<0.0053	80	400
Pyrene	<0.12	<0.015	<0.0068	<0.0068	50	250
Chrysene	<0.15	<0.020	<0.0070	<0.0070	0.02	0.2
Benzo(b)fluoranthene	<0.13	<0.016	<0.0051	<0.0051	0.02	0.2
Benzo(a)Pyrene	<0.15	<0.019	<0.0054	<0.0054	0.02	0.2
1-Methyl naphthalene	0.53	*0.014	<0.0095	*0.039	NS	NS
2-Methyl naphthalene	*0.13	<0.012	<0.11	*0.023	NS	NS
Phenanthrene	<0.093	*0.018	*0.0095	*0.020	NS	NS
Total 8270 List	2.66	0.032	0.0095	0.14	NS	NS

All concentrations in ppb (ug/l)

NS = No applicable standard

PAL = WDNR Preventative Action Limit

"--" = Not analyzed

< = Parameter was not detected and if present is less than the limit of detection reported

* = Value is less than the laboratory limit of quantitation, but reported per WDNR guidelines dated 3/1/96

^ = Analyzed under PVOC methods

360 = concentration > NR 140 ES

190 = concentration > NR 140 PAL



SECTION E - TABLE 1
GROUNDWATER CHEMISTRY (continued)
FLINT HILLS RESOURCES, LP
WAUPUN, WISCONSIN
TETRA TECH #114-340167

SAMPLE LOCATION	PZ-1								NR	NR
	DATE	05/24/2006	08/28/2006	11/15/2006	05/17/2007	06/16/2009	09/30/2009	01/05/2010	140	140
Groundwater Elevation	893.55	--	869.07	89.28	--	--	--	--	PAL	ES
PARAMETER										
Diesel Range Organics	130	--	160	<100	--	--	--	--	NS	NS
Gasoline Range Organics	<50	--	<50	<50	--	--	--	--	NS	NS
PETROLEUM VOLATILE ORGANIC COMPOUNDS										
Benzene	*0.36	--	<0.21	*0.27	--	--	--	--	0.5	5
Toluene	<0.36	--	<0.36	<0.36	--	--	--	--	200	1000
Ethylbenzene	<0.40	--	<0.40	<0.40	--	--	--	--	140	700
Xylenes	7.9	--	<0.74	<0.74	--	--	--	--	1000	10000
Methyl-tert-butyl-ether	<0.36	--	<0.36	<0.36	--	--	--	--	12	60
Trimethylbenzenes	*1.1	--	<0.40	<0.40	--	--	--	--	96	480
Ethanol	--	--	--	--	--	--	--	--	NS	NS
POLYNUCLEAR AROMATIC HYDROCARBONS										
Naphthalene	*0.034	--	*0.016	*0.015	--	--	--	--	10**	100**
Fluorene	<0.0096	--	<0.0091	<0.0091	--	--	--	--	80	400
Anthracene	<0.012	--	<0.012	<0.012	--	--	--	--	600	3000
Fluoranthene	<0.016	--	<0.015	<0.015	--	--	--	--	80	400
Pyrene	<0.015	--	<0.015	<0.015	--	--	--	--	50	250
Chrysene	<0.020	--	<0.019	<0.019	--	--	--	--	0.02	0.2
Benzo(b)fluoranthene	<0.016	--	<0.016	<0.016	--	--	--	--	0.02	0.2
Benzo(a)Pyrene	<0.019	--	<0.018	<0.018	--	--	--	--	NS	NS
1-Methyl naphthalene	0.046	--	*0.021	*0.011	--	--	--	--	NS	NS
2-Methyl naphthalene	0.063	--	*0.020	<0.011	--	--	--	--	NS	NS
Phenanthrene	<0.012	--	*0.022	<0.011	--	--	--	--	NS	NS
Total 8270 List	0.143	--	0.079	*0.026	--	--	--	--	NS	NS

Rem Sys Shut Down

All concentrations in ppb (ug/l)

NS = No applicable standard

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* = Value is less than the laboratory limit of quantitation, but reported per WDNR guidelines dated 3/1/96

^ = Analyzed under PVOC methods

360 = concentration > NR 140 ES

190 = concentration > NR 140 PAL

** = NR 140 Naphthalene standard change effective 12/1/06.



SECTION E - TABLE 1
GROUNDWATER CHEMISTRY (continued)
FLINT HILLS RESOURCES, LP
WAUPUN, WISCONSIN
TETRA TECH #114-340167

SAMPLE LOCATION	PZ-2								NR	NR	
	DATE	05/24/2006	08/28/2006	11/15/2006	02/14/2007	05/17/2007	06/16/2009	09/30/2009	01/05/2010	140	140
Groundwater Elevation	894.16	889.63	871.68	892.05	893.03	--	--	--	--	PAL	ES
PARAMETER											
Diesel Range Organics	260	240	130	640	430	--	--	--	--	NS	NS
Gasoline Range Organics	170	--	<50	<50	<50	--	--	--	--	NS	NS
PETROLEUM VOLATILE ORGANIC COMPOUNDS											
Benzene	0.60	<0.14	<0.21	<0.14	*0.26	--	--	--	--	0.5	5
Toluene	<0.36	<0.36	<0.36	<0.36	<0.36	--	--	--	--	200	1000
Ethylbenzene	*0.77	<0.40	<0.40	<0.40	<0.40	--	--	--	--	140	700
Xylenes	18.3	<0.74	<0.74	<0.74	*0.56	--	--	--	--	1000	10000
Methyl-tert-butyl-ether	<0.36	<0.36	<0.36	<0.36	<0.36	--	--	--	--	12	60
Trimethylbenzenes	14.2	<0.40	<0.40	<0.40	<0.40	--	--	--	--	96	480
Ethanol	--	--	--	--	--	--	--	--	--	NS	NS
POLYNUCLEAR AROMATIC HYDROCARBONS											
Naphthalene	0.048	0.021	*0.019	*0.025	0.1	--	--	--	--	10**	100**
Fluorene	<0.010	<0.0091	<0.0092	<0.0091	*0.015	--	--	--	--	80	400
Anthracene	<0.013	<0.012	<0.012	<0.012	<0.012	--	--	--	--	600	3000
Fluoranthene	<0.018	<0.015	<0.015	<0.015	<0.017	--	--	--	--	80	400
Pyrene	<0.016	<0.015	<0.015	<0.015	<0.016	--	--	--	--	50	250
Chrysene	<0.021	<0.019	<0.019	<0.019	<0.020	--	--	--	--	0.02	0.2
Benzo(b)fluoranthene	<0.018	<0.016	<0.016	<0.016	<0.017	--	--	--	--	0.02	0.2
Benzo(a)Pyrene	<0.021	<0.018	<0.019	<0.018	<0.020	--	--	--	--	0.02	0.2
1-Methyl naphthalene	*0.026	*0.028	<0.010	*0.026	0.17	--	--	--	--	NS	NS
2-Methyl naphthalene	<0.013	0.044	*0.019	*0.037	0.21	--	--	--	--	NS	NS
Phenanthrene	<0.013	*0.035	*0.030	<0.011	0.046	--	--	--	--	NS	NS
Total 8270 List	0.088	0.1377	0.068	0.088	0.561	--	--	--	--	NS	NS

Rem Sys Shut Down

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360 = concentration > NR 140 ES

190 = concentration > NR 140 PAL

** = NR 140 Naphthalene standard change effective 12/1/06.



SECTION E - TABLE 1
GROUNDWATER CHEMISTRY (continued)
FLINT HILLS RESOURCES, LP
WAUPUN, WISCONSIN
TETRA TECH #114-340167

SAMPLE LOCATION	PZ-3								NR	NR
	DATE	05/24/2006	08/28/2006	11/15/2006	05/17/2007	06/16/2009	09/30/2009	01/05/2010	140	140
Groundwater Elevation	894.05	--	868.35	892.79	--	--	--	--	PAL	ES
PARAMETER										
Diesel Range Organics	260	--	460	<100	--	--	--	--	NS	NS
Gasoline Range Organics	<50	--	<50	<50	--	--	--	--	NS	NS
PETROLEUM VOLATILE ORGANIC COMPOUNDS										
Benzene	<0.14	--	<0.21	<0.14	--	--	--	--	0.5	5
Toluene	<0.36	--	<0.36	<0.36	--	--	--	--	200	1000
Ethylbenzene	<0.40	--	<0.40	<0.40	--	--	--	--	140	700
Xylenes	<0.74	--	<0.74	<0.74	--	--	--	--	1000	10000
Methyl-tert-butyl-ether	<0.36	--	<0.36	<0.36	--	--	--	--	12	60
Trimethylbenzenes	<0.40	--	<0.40	<0.40	--	--	--	--	96	480
Ethanol	--	--	--	--	--	--	--	--	NS	NS
POLYNUCLEAR AROMATIC HYDROCARBONS										
Naphthalene	0.052	--	*0.018	0.54	--	--	--	--	10**	100**
Fluorene	<0.0091	--	<0.012	*0.028	--	--	--	--	80	400
Anthracene	<0.012	--	<0.015	<0.012	--	--	--	--	600	3000
Fluoranthene	<0.015	--	<0.020	<0.015	--	--	--	--	80	400
Pyrene	<0.015	--	<0.019	<0.015	--	--	--	--	50	250
Chrysene	<0.019	--	<0.025	<0.019	--	--	--	--	0.02	0.2
Benzo(b)fluoranthene	<0.016	--	<0.021	<0.016	--	--	--	--	0.02	0.2
Benzo(a)Pyrene	<0.018	--	<0.024	<0.018	--	--	--	--	0.02	0.2
1-Methyl naphthalene	0.059	--	<0.013	0.66	--	--	--	--	NS	NS
2-Methyl naphthalene	0.087	--	<0.015	0.87	--	--	--	--	NS	NS
Phenanthrene	*0.016	--	*0.016	0.072	--	--	--	--	NS	NS
Total 8270 List	0.214	--	*0.034	2.203	--	--	--	--	NS	NS

Rem Sys Shut Down

All concentrations in ppb (ug/l)

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* = Value is less than the laboratory limit of quantitation, but reported per WDNR guidelines dated 3/1/96

^ = Analyzed under PVOC methods

360 = concentration > NR 140 ES

190 = concentration > NR 140 PAL

** = NR 140 Naphthalene standard change effective 12/1/06.



SECTION E - TABLE 1
GROUNDWATER CHEMISTRY (continued)
FLINT HILLS RESOURCES, LP
WAUPUN, WISCONSIN
TETRA TECH #114-340167

SAMPLE LOCATION	PZ-4											NR	NR
	DATE	11/25/2002	02/25/2003	05/22/2003	08/13/2003	11/11/2003	02/12/2004	05/04/2004	08/24/2004	11/18/2004	05/12/2005	11/16/2005	140
Groundwater Elevation	890.34	889.58	892.26	891.67	889.66	890.22	891.62	894.28	892.62	893.25	888.81	PAL	ES
PARAMETER													
Diesel Range Organics	280	<100	100	<100	<100	--	--	--	--	--	--	NS	NS
Gasoline Range Organics	19	<50	<50	<50	<50	--	--	--	--	--	--	NS	NS
PETROLEUM VOLATILE ORGANIC COMPOUNDS													
Benzene	<0.24	<0.45	<0.30	<0.30	<0.30	<0.30	<0.14	<0.14	#	<0.14	#	0.5	5
Toluene	<0.16	<0.68	<0.58	<0.58	<0.58	<0.58	<0.36	<0.36	#	<0.36	#	200	1000
Ethylbenzene	<0.14	<0.82	<0.60	<0.60	<0.60	<0.60	<0.40	<0.40	#	<0.40	#	140	700
Xylenes	*0.41	<1.7	<1.2	<1.2	<1.2	<1.2	<0.74	<0.74	#	<0.74	#	1000	10000
Methyl-tert-butyl-ether	<0.20	<0.43	<0.58	<0.58	<0.58	<0.58	<0.36	<0.36	#	<0.36	#	12	60
Trimethylbenzenes	*0.26	<0.94	<0.66	<0.66	<0.66	<0.66	<0.40	<0.40	#	<0.40	#	96	480
Ethanol	<23	--	--	--	--	--	--	--	#	--	#	NS	NS
POLYNUCLEAR AROMATIC HYDROCARBONS													
Naphthalene	0.28	*0.027	*0.036	<0.024	<0.024	^<0.58	^<0.47	^<0.47	#	^<0.47	#	8	40
Fluorene	<0.017	<0.017	<0.017	<0.017	<0.017	--	--	--	#	--	#	80	400
Anthracene	<0.020	<0.020	<0.020	<0.020	<0.020	--	--	--	#	--	#	600	3000
Fluoranthene	<0.013	<0.013	<0.013	<0.013	<0.013	--	--	--	#	--	#	80	400
Pyrene	<0.017	<0.017	<0.017	<0.017	<0.017	--	--	--	#	--	#	50	250
Chrysene	<0.014	<0.014	<0.014	<0.014	<0.014	--	--	--	#	--	#	0.02	0.2
Benzo(b)fluoranthene	<0.013	<0.013	<0.013	<0.013	<0.013	--	--	--	#	--	#	0.02	0.2
Benzo(a)Pyrene	<0.014	<0.014	<0.014	<0.014	<0.014	--	--	--	#	--	#	0.02	0.2
1-Methyl naphthalene	0.089	<0.018	<0.018	<0.018	<0.018	--	--	--	#	--	#	NS	NS
2-Methyl naphthalene	0.083	<0.017	*0.024	<0.017	<0.017	--	--	--	#	--	#	NS	NS
Phenanthrene	<0.016	<0.016	<0.016	<0.016	<0.016	--	--	--	#	--	#	NS	NS
Total 8270 List	0.45	*0.027	*0.060	<0.024	<0.024	--	--	--	#	--	#	NS	NS

Remediation System On

Remediation System Off

Rem Sys On

△

▲

All concentrations in ppb (ug/l)

NS = No applicable standard

PAL = WDNR Preventative Action Limit

ES = WDNR Enforcement Standard

"-" = Not analyzed

< = Parameter was not detected and if present is less than the limit of detection reported

* = Value is less than the laboratory limit of quantitation, but reported per WDNR guidelines dated 3/1/96

^ = Analyzed under PVOC methods

= Well damaged, unable to sample.

△ = System start-up October 2003

▲ = System shut-down February 2006

360 = concentration > NR 140 ES

190 = concentration > NR 140 PAL



SECTION E - TABLE 1
GROUNDWATER CHEMISTRY (continued)
FLINT HILLS RESOURCES, LP
WAUPUN, WISCONSIN
TETRA TECH #114-340167

SAMPLE LOCATION	Hesselink Well								NR	NR
	05/24/2006	11/15/2006	05/16/2007						140	140
DATE									PAL	ES
PARAMETER										
Diesel Range Organics	--	--	--						NS	NS
Gasoline Range Organics	--	--	--						NS	NS
PETROLEUM VOLATILE ORGANIC COMPOUNDS										
Benzene	<1.0	<1.0	<1.0						0.5	5
1,4-Dichlorobenzene	<1.0	<1.0	<1.0						15	75
Chloromethane	<1.0	<1.0	<1.0						0.3	3
Toluene	<1.0	<1.0	<1.0						200	1000
Ethylbenzene	<1.0	<1.0	<1.0						140	700
Xylenes	<3.0	<3.0	<3.0						1000	10000
Methyl-tert-butyl-ether	<1.0	<1.0	--						12	60
Methylene Chloride	<1.0	<1.0	<1.0						0.5	5
Trimethylbenzenes	<2.0	<2.0	<2.0						96	480
POLYNUCLEAR AROMATIC HYDROCARBONS										
Naphthalene	<1.0	<1.0	<1.0						10**	100**
Fluorene	--	--	--						80	400
Anthracene	--	--	--						600	3000
Fluoranthene	--	--	--						80	400
Pyrene	--	--	--						50	250
Chrysene	--	--	--						0.02	0.2
Benzo(b)fluoranthene	--	--	--						0.02	0.2
Benzo(a)Pyrene	--	--	--						0.02	0.2
1-Methyl naphthalene	--	--	--						NS	NS
2-Methyl naphthalene	--	--	--						NS	NS
Phenanthrene	--	--	--						NS	NS
Total 8270 List	--	--	--						NS	NS

Remediation System Shut Down

All concentrations in ppb (ug/l)

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PAL = WDNR Preventative Action Limit

ES = WDNR Enforcement Standard

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* = Value is less than the laboratory limit of quantitation, but reported per WDNR guidelines dated 3/1/96

^ = Analyzed under PVOC methods

360 = concentration > NR 140 ES

** = NR 140 Naphthalene standard change effective 12/1/06.

190 = concentration > than NR 140 PAL



SECTION E - TABLE 1
GROUNDWATER CHEMISTRY (continued)
FLINT HILLS RESOURCES, LP
WAUPUN, WISCONSIN
TETRA TECH #114-340167

SAMPLE LOCATION	Koch Supply Well							NR	NR
	DATE	05/24/2006	11/15/2006	05/16/2007				140	140
								PAL	ES
PARAMETER									
Diesel Range Organics	--	--	--					NS	NS
Gasoline Range Organics	--	--	--					NS	NS
PETROLEUM VOLATILE ORGANIC COMPOUNDS									
Benzene	<1.0	<1.0	<1.0					0.5	5
1,4-Dichlorobenzene	<1.0	<1.0	<1.0					15	75
Chloromethane	<1.0	<1.0	<1.0					0.3	3
Toluene	<1.0	<1.0	<1.0					200	1000
Ethylbenzene	<1.0	<1.0	<1.0					140	700
Xylenes	<3.0	<3.0	<3.0					1000	10000
Methyl-tert-butyl-ether	<1.0	<1.0	--					12	60
Trimethylbenzenes	<2.0	<2.0	<2.0					96	480
POLYNUCLEAR AROMATIC HYDROCARBONS									
Naphthalene	<1.0	<1.0	<1.0					10**	100**
Fluorene	--	--	--					80	400
Anthracene	--	--	--					600	3000
Fluoranthene	--	--	--					80	400
Pyrene	--	--	--					50	250
Chrysene	--	--	--					0.02	0.2
Benzo(b)fluoranthene	--	--	--					0.02	0.2
Benzo(a)Pyrene	--	--	--					0.02	0.2
1-Methyl naphthalene	--	--	--					NS	NS
2-Methyl naphthalene	--	--	--					NS	NS
Phenanthrene	--	--	--					NS	NS
Total 8270 List	--	--	--					NS	NS

Remediation System Shut Down

All concentrations in ppb (ug/l)

NS = No applicable standard

PAL = WDNR Preventative Action Limit

ES = WDNR Enforcement Standard

"--" = Not analyzed

< = Parameter was not detected and if present is less than the limit of detection reported

* = Value is less than the laboratory limit of quantitation, but reported per WDNR guidelines dated 3/1/96

^ = Analyzed under PVOC methods

360 = concentration > NR 140 ES

190 = concentration > than NR 140 PAL

** = NR 140 Naphthalene standard change effective 12/1/06.



SECTION E - TABLE 1
GROUNDWATER CHEMISTRY (continued)
FLINT HILLS RESOURCES, LP
WAUPUN, WISCONSIN
TETRA TECH #114-340167

SAMPLE LOCATION	Hoekstra Well								NR	NR
	DATE	05/24/2006	11/15/2006	05/16/2007					140	140
PARAMETER										
Diesel Range Organics	--	--	--	--	--	--	--	--	NS	NS
Gasoline Range Organics	--	--	--	--	--	--	--	--	NS	NS
PETROLEUM VOLATILE ORGANIC COMPOUNDS										
Benzene	<1.0	<1.0	<1.0						0.5	5
1,4-Dichlorobenzene	<1.0	<1.0	<1.0						15	75
Chloromethane	<1.0	<1.0	<1.0						0.3	3
Toluene	<1.0	<1.0	<1.0						200	1000
Ethylbenzene	<1.0	<1.0	<1.0						140	700
Xylenes	<3.0	<3.0	<3.0						1000	10000
Methyl-tert-butyl-ether	<1.0	<1.0	--						12	60
Methylene Chloride	<1.0	<1.0	<1.0						0.5	5
Trimethylbenzenes	<2.0	<2.0	<2.0						96	480
POLYNUCLEAR AROMATIC HYDROCARBONS										
Naphthalene	<1.0	<1.0	<1.0						10**	100**
Fluorene	--	--	--						80	400
Anthracene	--	--	--						600	3000
Fluoranthene	--	--	--						80	400
Pyrene	--	--	--						50	250
Chrysene	--	--	--						0.02	0.2
Benzo(b)fluoranthene	--	--	--						0.02	0.2
Benzo(a)Pyrene	--	--	--						0.02	0.2
1-Methyl naphthalene	--	--	--						NS	NS
2-Methyl naphthalene	--	--	--						NS	NS
Phenanthrene	--	--	--						NS	NS
Total 8270 List	--	--	--						NS	NS

Remediation System Shut Down

All concentrations in ppb (ug/l)

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PAL = WDNR Preventative Action Limit

ES = WDNR Enforcement Standard

"--" = Not analyzed

< = Parameter was not detected and if present is less than the limit of detection reported

* = Value is less than the laboratory limit of quantitation, but reported per WDNR guidelines dated 3/1/96

^ = Analyzed under VOC methods

360 = concentration > NR 140 ES

** = NR 140 Naphthalene standard change effective 12/1/06.

190 = concentration > than NR 140 PAL



SECTION E - TABLE 1
GROUNDWATER CHEMISTRY (continued)
FLINT HILLS RESOURCES, LP
WAUPUN, WISCONSIN
TETRA TECH #114-340167

SAMPLE LOCATION	Ely Well								NR	NR	
	DATE	01/30/2003	05/22/2003	11/14/2003	05/11/2005	11/16/2005	05/24/2006	11/15/2006	05/16/2007	140	140
PARAMETER										PAL	ES
Diesel Range Organics	--	--	--	--	--	--	--	--	--	NS	NS
Gasoline Range Organics	--	--	--	--	--	--	--	--	--	NS	NS
PETROLEUM VOLATILE ORGANIC COMPOUNDS											
Benzene	<0.25	<0.19	<0.19	<0.076	<0.18	<1.0	<1.0	<1.0	0.5	5	
1,4-Dichlorobenzene	<0.34	<0.34	<0.34	<0.085	<0.24	<1.0	<1.0	<1.0	15	75	
Chloromethane	<0.46	<0.26	<0.26	*0.37	<0.14	<1.0	<1.0	<1.0	0.3	3	
Toluene	<0.20	<0.17	<0.17	<0.10	<0.21	<1.0	<1.0	<1.0	200	1000	
Ethylbenzene	<0.30	<0.21	<0.21	<0.12	<0.18	<1.0	<1.0	<1.0	140	700	
Xylenes	<0.42	<0.53	<0.53	<0.30	<0.31	<3.0	<3.0	<3.0	1000	10000	
Methyl-tert-butyl-ether	<0.20	<0.20	<0.20	<0.10	<0.18	<1.0	<1.0	--	12	60	
Trimethylbenzenes	<0.29	<0.29	<0.29	<0.11	<0.18	<2.0	<2.0	<2.0	96	480	
POLYNUCLEAR AROMATIC HYDROCARBONS											
Naphthalene	^<0.26	^<0.26	^<0.26	^<0.063	^<0.24	<1.0	<1.0	<1.0	8 / 10 **	40 / 100**	
Fluorene	--	--	--	--	--	--	--	--	80	400	
Anthracene	--	--	--	--	--	--	--	--	600	3000	
Fluoranthene	--	--	--	--	--	--	--	--	80	400	
Pyrene	--	--	--	--	--	--	--	--	50	250	
Chrysene	--	--	--	--	--	--	--	--	0.02	0.2	
Benzo(b)fluoranthene	--	--	--	--	--	--	--	--	0.02	0.2	
Benzo(a)Pyrene	--	--	--	--	--	--	--	--	0.02	0.2	
1-Methyl naphthalene	--	--	--	--	--	--	--	--	NS	NS	
2-Methyl naphthalene	--	--	--	--	--	--	--	--	NS	NS	
Phenanthrene	--	--	--	--	--	--	--	--	NS	NS	
Total 8310 List	--	--	--	--	--	--	--	--	NS	NS	

△
Rem Sys On
▲
Rem Sys Shut Down

All concentrations in ppb (ug/l)

NS = No applicable standard

PAL = WDNR Preventative Action Limit

ES = WDNR Enforcement Standard

"--" = Not analyzed

< = Parameter was not detected and if present is less than the limit of detection reported

* = Value is less than the laboratory limit of quantitation, but reported per WDNR guidelines dated 3/1/96

^ = Analyzed under P/VOC methods

△ = System start-up October 2003

▲ = System shut-down February 2006

360 = concentration > NR 140 ES ** = NR 140 Naphthalene standard change effective 12/1/06.
190 = concentration > than NR 140 PAL



SECTION E - TABLE 2
GROUNDWATER TABLE ELEVATIONS
WAUPUN TERMINAL
FLINT HILLS RESOURCES, LP
WAUPUN, WISCONSIN
TETRA TECH #114-340167

Stick up ~ 3'
GW
↓ bgs

LOCATION	GROUNDWATER ELEVATION																REFERENCE ELEVATION (top of casing)	REFERENCE ELEVATION (top of screen)	REFERENCE ELEVATION (bottom of screen)
	Date																		
	10/12/05	11/15/05	1/26/06	2/22/06	3/9/06	3/23/06	5/23/06	8/28/06	11/15/06	2/14/07	5/17/2007	4/29/08	7/28/08	6/16/09	9/30/09	1/5/10			
MW-1	*	891.65					901.15	*	893.91	*	898.93	*	*	*	*	*	910.25 ⁹⁰⁷	901.05	891.05
MW-2	*	*					900.89	*	893.95	*	897.83	*	*	*	*	*	911.55 ⁹⁰⁶	902.85	892.85
MW-3		890.55					897.76	*	892.41	*	896.12	*	*	*	*	*	912.7 ⁹⁰⁹	898.30	888.30
MW-4	889.56	889.02		892.41	892.44	893.82	895.26	*	891.33	*	894.05	896.46	894.70	*	*	*	909.71 ⁹⁰³	897.11	887.11
MW-5	889.53	889.70	891.33	892.29	892.34		895.31	890.49	891.37	892.36	895.85	*	*	894.66	891.65	893.51	911.35 ⁹⁰⁸	895.85	885.85
MW-6	*	889.67					895.72	*	891.43	*	894.26	*	*	*	*	*	909.59 ⁹⁰⁶	893.99	883.99
MW-7	889.60	889.80	891.17	892.22	892.15	893.29	894.64	*	891.40	*	893.21	895.90	894.01	*	*	*	908.56 ⁹⁰⁵	895.36	885.36
MW-8	*	889.24		891.86			894.90	889.94	890.80	891.86	893.79	896.09	894.36	*	*	*	908.96 ⁹⁰⁵	895.36	885.36
PZ-3	*	887.61					894.05	*	886.35	*	892.79	*	*	*	*	*	908.95 ⁹⁰⁵	873.35	868.35
MW-9	889.83	890.06	891.44	892.48	892.49	894.19	895.33	*	891.10	*	893.95	896.65	894.75	*	*	*	909.68 ⁹⁰⁶	898.18	888.18
MW-10	888.86	888.91	890.58	892.19	892.31	893.80	895.25	*	891.34	*	894.08	896.40	894.63	*	*	*	909.88 ⁹⁰⁶	895.58	885.58
MW-11	889.26	889.62	891.01	892.46	892.47	894.02	895.54	*	891.44	*	894.30	896.87	894.90	*	*	*	910.08 ⁹⁰⁷	897.68	887.68
MW-12	889.03	889.91		891.96	891.95	893.05	894.38	*	891.27	*	892.91	895.48	893.70	*	*	*	908.61 ⁹⁰⁵	895.61	885.61
MW-13	*	889.25			891.71	893.20	894.41	*	890.79	*	893.19	895.36	893.76	*	*	*	906.27 ⁹⁰³	894.27	884.27
MW-14	*	*					*	890.55	--	*	*	*	*	*	*	*	908.5 ⁹⁰⁵	894.50	884.50
PZ-4	*	888.81					*	--	--	*	*	*	*	*	*	*	908.59 ⁹⁰⁵	872.89	867.89
MW-15	*	*		891.09			893.98	888.89	889.96	891.07	892.76	896.46	893.58	893.52	890.27	892.24	909.09 ⁹⁰⁶	893.99	883.99
MW-16	*	889.83					895.31	*	891.57	*	894.13	896.54	894.80	*	*	*	910.09 ⁹⁰⁷	893.99	883.89
MW-17	*	888.23					893.35	*	889.83	*	892.20	*	*	*	*	*	918.6 ⁹⁰⁵	894.30	884.30
MW-18	*	*		891.05			893.82	888.84	889.81	890.84	892.46	895.09	893.19	*	*	*	905.74 ⁹⁰²	896.64	886.64
PZ-2	*	*		891.60			894.16	889.63	890.66	892.05	893.03	*	*	*	*	*	905.48 ⁹⁰²	876.68	871.68
MW-19	*	*		890.74			893.46	888.52	889.58	890.52	892.15	*	*	*	*	*	906.45 ⁹⁰³	895.45	885.45
MW-20	*	889.49					895.41	*	891.45	*	894.13	896.69	894.81	*	*	*	909.96 ⁹⁰⁶	894.86	884.86
MW-21	*	888.24					893.23	*	889.70	*	891.99	*	*	*	*	*	911.65 ⁹⁰⁸	892.65	882.65
MW-22	*	*					893.08	*	890.95	*	891.87	*	*	*	*	*	906.97 ⁹⁰³	892.77	882.77
MW-23	*	*					893.27	*	889.67	*	891.98	894.77	892.83	*	*	*	906.47 ⁹⁰³	895.37	885.37
PZ-1	*	*					893.55	*	889.48	*	892.28	*	*	*	*	*	906.37 ⁹⁰³	874.07	869.07

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Remediation System On Remediation System Shut Down

* = Measurement not made
Elevations are expressed in feet above mean-sea-level

▲ = System shut-down February 2006



SECTION E - TABLE 2
 GROUNDWATER TABLE ELEVATIONS
 WAUPUN TERMINAL
 FLINT HILLS RESOURCES, LP
 WAUPUN, WISCONSIN
 TETRA TECH #114-340167

LOCATION	GROUNDWATER ELEVATION																REFERENCE ELEVATION (top of casing)	REFERENCE ELEVATION (top of screen)	REFERENCE ELEVATION (bottom of screen)
	Date																		
	10/12/05	11/15/2005	1/26/06	2/22/06	3/9/06	3/23/06	5/23/06	8/28/06	11/15/06	2/14/07	5/17/07	4/29/08	7/28/08	6/16/09	9/30/09	1/5/10			
MW-24	*	*		890.90			893.67	888.64	888.01	890.69	892.32	*	*	*	*		905.69	895.19	885.19
MW-25	*	886.68					888.77	*	887.67	*	888.42	889.07	888.52	888.62	887.62	888.52	891.77	887.97	877.97
MW-26	*	887.85					892.23	*	889.00	*	891.13	*	*	*	*	*	898.38	891.88	881.88
MW-27	*	887.61					892.59	*	888.79	*	891.25	*	*	*	*	*	900.5	893.40	883.40
MW-28	*	885.55					891.47	*	905.33	*	890.24	*	*	*	*	*	906.67	892.77	882.77
MW-29	*	888.05	889.63	890.45	890.51	891.87	893.01	*	889.31	*	891.80	894.68	892.77	*	*	*	911.63	894.33	884.33
MW-30	*	889.23					894.87	*	890.81	*	893.52	895.77	894.21	*	*	*	915.08	895.78	885.78
MW-31	*	886.95					892.44	*	888.60	*	891.22	*	*	*	*	*	907.29	890.79	880.79
MW-32	*	885.83					890.7	*	886.44	*	889.28	892.41	890.44	*	*	*	905.26	890.66	880.66
MW-33	*	888.96	890.88	891.87	891.72	893.59	894.79	889.58	890.66	891.03	893.36	895.77	894.13	894.08	891.00	893.01	907.93	896.33	886.33
MW-34	*	886.40					892.12	*	887.89	*	890.86	*	*	*	*	*	904.69	892.39	882.39
MW-35	*	882.19					885.36	*	882.98	*	884.26	*	*	*	*	*	895.63	888.13	878.13
MW-36	*	884.72					890.99	*	885.48	*	889.55	*	*	*	*	*	906.25	890.35	880.35
MW-37	*	891.94					897.15	*	893.45	894.38	895.91	898.00	896.62	896.65	893.75	895.45	906.25	899.85	889.85
MW-38	*	889.51					894.9	*	891.12	*	893.61	*	*	894.34	891.42	893.12	907.22	897.22	887.22
MW-39	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	898.75	895.08	897.45

Remediation System On

Remediation System Shut Down



* = Measurement not made
 Elevations are expressed in feet above mean-sea-level
 ** - Well not installed until 6/16/09.

▲ = System shut-down February 2006

Impacted Off-Source Property Information

Form 4400-246 (R 3/08)

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

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

BRRTS #:

ACTIVITY NAME:

ID	Off-Source Property Address	Parcel Number	WTM X	WTM Y
<input type="text" value="A"/>	<input type="text" value="T14 R15 S11 (Hesselink Property)"/>	<input type="text" value="T21-14-15-11-14-001-00"/>	<input type="text" value="626860"/>	<input type="text" value="358956"/>
<input type="text" value="B"/>	<input type="text" value="T14 R15 S11 (Hoekstra Property)"/>	<input type="text" value="T21-14-15-11-14-002-00"/>	<input type="text" value="626879"/>	<input type="text" value="358876"/>
<input type="text" value="C"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text" value="D"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text" value="E"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text" value="F"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text" value="G"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text" value="H"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text" value="I"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

September 15, 2011

OFF-SOURCE
A
PROPERTY

Mr. Glen Hesselink
N3206 W Center Rd
Waupun, WI 56963

SUBJECT: GIS Registration Notification
Flint Hills Resources Pine Bend, LLC – Waupun Fuel Terminal
Waupun, Wisconsin
WDNR - BRRTS # 02-20-343581

Dear Mr. Hesselink

In accordance with contaminated site closure requirements of s. NR 726.05 (2)(b)4, Flint Hills Resources Pine Bend, LLC (FHR) is providing the following information regarding the residual groundwater contamination on your property that appears to have originated from operations at FHR's fuel terminal located adjacent to your property to the west across State Highway 26.

Groundwater contamination that appears to have originated on the property located at 4240 State Highway 26, Waupun, Wisconsin, 53963 may extend to your property. Concentrations of benzene and trimethylbenzene may be present in the groundwater on your property at concentrations that are above the state groundwater enforcement standards found in chapter NR 140, Wisconsin Administrative Code. However, the environmental consultants who have investigated this contamination have informed me that this groundwater contaminant plume is stable or receding and will naturally degrade over time. I 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 726 and chapter NR 746, Wisconsin Administrative Code, and 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. A copy of the Department of Natural Resources' publication #RR-671, **Information About Using Natural Attenuation To Clean Up Contaminated Groundwater**, is attached.

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. For further information on the requirements of section 292.13, Wisconsin Statutes, you may call (800) 367-6076 for calls originating in Wisconsin, or (608) 264-6020 if you are calling from out of state or within the Madison area. A copy of the Department of Natural Resources' publication #RR-589, **Fact Sheet 10: Guidance for Dealing with Properties Affected by Off-Site Contamination**, is attached.

The Department of Natural Resources will not review FHR's 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 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: WDNR, Ms. Christine Lilek, 1155 Pilgrim Road, Plymouth, Wisconsin, 53073-4297.

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 following legal description of your property, and notify me within the next 30 days if the legal description is incorrect (see attached warranty deed):

Parcel Identification Number T21-14-15-11-14-001-00

Section 11, Township 14N, Range 15E

North 30-acres of NW ¼ of SE ¼

(Volume 848-Page 181)

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 call the Diggers Hotline (800-242-8511) if your property is located outside of the service area of a municipally owned water system, or contact the Drinking Water program within the Department of Natural Resources if your property is located within the designated service area of a municipally owned water system, to determine if there is a need for special well construction standards.

Once the Department makes a decision on the 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 on the Internet at www.dnr.state.wi.us/org/at/et/geo/gwur. A copy of the closure letter will be included as part of the site file on the GIS Registry of Closed Remediation Sites.

If you need more information, you may contact me at Flint Hills Resources Pine Bend, LLC, 4240 State Highway 26, Waupun, WI, 53963, Telephone # (920) 324-9300, or you may contact the WDNR, Attn: Ms. Christine Lilek, 1155 Pilgrim Road, Plymouth, Wisconsin, 53073-4297.

Sincerely,
Flint Hills Resources Pine Bend, LLC

Jim Polum
FHR-Waupun, WI Terminal Manager

Enclosures

Customer Service USPS Mobile

OFF-SOURCE
A
PROPERTY

Register / Sign In



Search USPS.com or Track Packages

Quick Tools Ship a Package Send Mail Manage Your Mail Shop Business Solutions

Track & Confirm

GET EMAIL UPDATES PRINT DETAILS

YOUR LABEL NUMBER	SERVICE	STATUS OF YOUR ITEM	DATE & TIME	LOCATION	FEATURES
70103090000312769183	Priority Mail®	Delivered	September 21, 2011, 1:32 pm	WAUPUN, WI 53963	Expected Delivery By: September 20, 2011 Certified Mail™ Return Receipt Electronic
		Notice Left	September 20, 2011, 10:28 am	WAUPUN, WI 53963	
		Arrival at Unit	September 20, 2011, 7:09 am	WAUPUN, WI 53963	
		Acceptance	September 19, 2011, 3:10 pm	WAUPUN, WI 53963	

Check on Another Item

What's your label (or receipt) number?

Find

LEGAL

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Terms of Use ›
FOIA ›
No FEAR Act EEO Data ›

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Certified Fee		
Return Receipt Fee (Endorsement Required)		
Restricted Delivery Fee (Endorsement Required)		1:32 PM 9-21-11
Total Postage & Fees	\$	

Postmark Here

Sent To: **GLEN HOSSELINK**

Street, Apt. No., or PO Box No.: **N 3206 WEST CENTER RD**

City, State, ZIP+4: **WAUPUN, WI 53963**

PS Form 3800, August 2008 See Reverse for Instructions

381284

REGISTER'S OFFICE

Fond du Lac County, Wis.
Recorded at *100 AM*

SEP 14 1982

Vol. *D 10* 774 Records Page *181*
GEORGE H. OTTERTY
REGISTER OF DEEDS

Gerrit C. Hesselink and Winnie Hesselink,
husband and wife, as joint tenants

conveys and warrants to Glen W. Hesselink

the following described real estate in Fond du Lac County,
State of Wisconsin:

Tax Parcel No:

The Northeast Quarter (NE $\frac{1}{4}$) of the Southwest Quarter (SW $\frac{1}{4}$); the Northwest Quarter (NW $\frac{1}{4}$) of the Southwest Quarter (SW $\frac{1}{4}$); the North ten (10) acres of the Southwest Quarter (SW $\frac{1}{4}$) of the Southwest Quarter (SW $\frac{1}{4}$); the North ten (10) acres of the Southeast Quarter (SE $\frac{1}{4}$) of the Southwest Quarter (SW $\frac{1}{4}$); the North thirty (30) acres of the Northwest Quarter (NW $\frac{1}{4}$) of the Southeast Quarter (SE $\frac{1}{4}$); the South four (4) rods of the Southwest Quarter (SW $\frac{1}{4}$) of the Northeast Quarter (NE $\frac{1}{4}$) and the South four (4) rods of the West four (4) rods of the Southeast Quarter (SE $\frac{1}{4}$) of the Northeast Quarter (NE $\frac{1}{4}$);

All in Section Eleven (11), Township Fourteen (14) North, of Range Fifteen (15) East, in the Town of Waupun.

Deed in fulfillment of Land Contract dated November 17, 1972 and recorded on November 20, 1972, in Col. 677 of Records on page 533.

This is not homestead property.
(is) (is not)

TRANSFER
\$25.00
FEE

Exception to warranties:

Dated this 1st day of September, 1982

..... (SEAL) Gerrit C. Hesselink (SEAL)
Gerrit C. Hesselink
..... (SEAL) Winnie Hesselink (SEAL)
Winnie Hesselink

AUTHENTICATION

Signature(s) of Gerrit C. Hesselink
and Winnie Hesselink

authenticated this 1st day of September, 1982

Hale Wagner

TITLE: MEMBER STATE BAR OF WISCONSIN

(Signature)
AUTHENTICATED BY

THIS INSTRUMENT WAS DRAFTED BY

Hale Wagner, Attorney

Waupun, Wi. 53963

(Signatures may be authenticated or acknowledged, Both are not necessary.)

ACKNOWLEDGMENT

STATE OF WISCONSIN

..... ss.
County.

Personally came before me this day of
....., 19..... the above named

to me known to be the person who executed the foregoing instrument and acknowledge the same.

Notary Public County, Wis.
My Commission is permanent. (If not, state expiration date: 19. . .)

* Names of persons signing in any capacity should be typed or printed below their signatures.

VOL 848 PAGE 181

September 15, 2011

Mr. Gerry Hoekstra
N4129 State Road 26
Waupun, WI 53963

SUBJECT: GIS Registration Notification
Flint Hills Resources, LP – Waupun Fuel Terminal
Waupun, Wisconsin
WDNR - BRRTS # 02-20-343581

Dear Mr. Hoekstra

In accordance with contaminated site closure requirements of s. NR 726.05 (2)(b)4, Flint Hills Resources, LP (FHR) is providing the following information regarding the residual groundwater contamination on your property that appears to have originated from operations at FHR's fuel terminal located adjacent to your property to the west across State Highway 26. This notification supersedes any previous letters regarding this matter.

Groundwater contamination that appears to have originated on the property located at 4240 State Highway 26, Waupun, Wisconsin, 53963 may extend to your property. Concentrations of benzene and trimethylbenzene may be present in the groundwater on your property that are above the state groundwater enforcement standards found in chapter NR 140, Wisconsin Administrative Code. However, the environmental consultants who have investigated this contamination have informed me that this groundwater contaminant plume is stable or receding and will naturally degrade over time. I 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 726 and chapter NR 746, Wisconsin Administrative Code, and 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. A copy of the Department of Natural Resources' publication #RR-671, *Information About Using Natural Attenuation To Clean Up Contaminated Groundwater*, is attached.

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. For further information on the requirements of section 292.13, Wisconsin Statutes, you may call (800) 367-6076 for calls originating in Wisconsin, or (608) 264-6020 if you are calling from out of state or within the Madison area. A copy of the Department of Natural Resources' publication #RR-589, *Fact Sheet 10: Guidance for Dealing with Properties Affected by Off-Site Contamination*, is attached.

The Department of Natural Resources will not review FHR's 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 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: WDNR, Attn: Ms. Jennifer Easterly, 625 E. County Rd Y, Suite 700, Oshkosh, Wisconsin, 54903-2656

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 following legal description of your property, and notify me within the next 30 days if the legal description is incorrect (see attached warranty deed):

Parcel Identification Number T21-14-15-11-14-002-00

Section 11, Township 14N, Range 15E

South 10-acres of NW ¼ of SE ¼

(Document #686204)

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 call the Diggers Hotline (800-242-8511) if your property is located outside of the service area of a municipally owned water system, or contact the Drinking Water program within the Department of Natural Resources if your property is located within the designated service area of a municipally owned water system, to determine if there is a need for special well construction standards.

Once the Department makes a decision on the 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 on the Internet at www.dnr.state.wi.us/org/at/et/geo/gwur. A copy of the closure letter will be included as part of the site file on the GIS Registry of Closed Remediation Sites.

If you need more information, you may contact me at Flint Hills Resources, LP4240 State Highway 26, Waupun, WI, 53963, Telephone # (920) 324-9300, or you may contact the WDNR, Attn: Ms. Jennifer Easterly, 625 E County RD Y, Suite 700, Oshkosh, Wisconsin, 54903-2656.

Sincerely,
Flint Hills Resources, LP

Jim Polum
FHR-Waupun, WI Terminal Manager

Enclosures

Customer Service USPS Mobile

OFF-SOURCE
B
PROPERTY

Register / Sign In



Search USPS.com or Track Packages

Quick Tools Ship a Package Send Mail Manage Your Mail Shop Business Solutions

Track & Confirm

GET EMAIL UPDATES PRINT DETAILS

YOUR LABEL NUMBER	SERVICE	STATUS OF YOUR ITEM	DATE & TIME	LOCATION	FEATURES
7010309000312769190	Priority Mail®	Delivered	September 20, 2011, 10:54 am	WAUPUN, WI 53963	Expected Delivery By: September 20, 2011 Certified Mail™ Return Receipt Electronic
		Arrival at Unit	September 20, 2011, 7:09 am	WAUPUN, WI 53963	
		Acceptance	September 19, 2011, 3:11 pm	WAUPUN, WI 53963	

Check on Another Item

What's your label (or receipt) number?

Find

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FOIA ›
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0616 9190 9276 2276 0000 0606 0710

U.S. Postal Service		CERTIFIED MAIL RECEIPT	
<i>(Domestic Mail Only; No Insurance Coverage Provided)</i>			
For delivery information visit our website at www.usps.com			
WAUPUN WI 53963			
Postage	\$ 44.95	0731	Postmark Here
Certified Fee	\$ 2.85	02	
Return Receipt Fee (Endorsement Required)	\$ 1.15		
Restricted Delivery Fee (Endorsement Required)	\$ 0.00		
Total Postage & Fees	\$ 48.95	09/19/2011	
Sent To <u>Gerry HOKSTRA</u>			
Street, Apt. No., or PO Box No. <u>N 4129 ST RD 26</u>			
City, State, ZIP+4 <u>Waupun, WI 53963</u>			
PS Form 3801, August 2005		See Reverse for Instructions	

686204

WARRANTY DEED

Document Number

RECEIVED FOR RECORD

OFF-SOURCE
B
PROPERTY

00 JAN 25 AM 8:58

Mary C. Brickle
REGISTER OF DEEDS
FOND DU LAC COUNTY, WI

GLEN W. HESSELINK, an unmarried person

conveys and warrants to

GERRY A. HOEKSTRA and KATHLEEN K. HOEKSTRA,
husband and wife as survivorship marital
property

(for a valuable consideration) the following described real estate in Fond du Lac County,
State of Wisconsin:

The Southeast Quarter (SE 1/4) of Section
Eleven (11) in Township Fourteen (14) North,
of Range Fifteen (15) East, excepting and
reserving therefrom the North Three -Fourths
(N 3/4) of the Northwest Quarter (NW 1/4) of
said Southeast Quarter (SE 1/4) of said
Section Eleven (11), and also excepting the
lands deeded for highway by deed recorded in
Volume 238 of Deeds on pages 260 and 261 and
in Volume 1203 of Records on pages 739-741.

The West Half (W 1/2) of the Southwest Quarter
(SW 1/4) of Section Twelve (12), in Township
Fourteen (14) North, of Range Fifteen (15)
East, excepting and reserving therefrom one
acre of land Eight (8) rods wide from North to
South and Twenty (20) rods long from East to
West in the Northeast corner thereof, and also
excepting about one-fourth (1/4) of an acre in
the Southeast corner thereof heretofore sold
to Philip Kraemer and Norman Beebe and wife.

* Tax Parcel Nos:

- T21-14-15-11-13-001-00;
- T21-14-15-11-14-002-00;
- T21-14-15-11-15-001-00;
- T21-14-15-11-16-001-00;
- T21-14-15-12-10-001-00;
- T21-14-15-12-11-001-00

Exception to warranties:

Municipal and zoning ordinances and agreements entered under them, recorded easements for the
distribution of utility and municipal services, recorded building and use restrictions and covenants, and
general taxes levied in the year of closing.

This is not homestead property.

Dated this 24th day of January, 2000.

Glen W. Hesselink
* Glen W. Hesselink

TRANSFER
\$525.00
FEE

AUTHENTICATION

Signature(s) _____

authenticated this ____ day of _____, ____.

signature _____

type or print name _____

TITLE: MEMBER STATE BAR OF WISCONSIN
(If not, _____)

authorized by 706.06, Wis. Stats.)

THIS INSTRUMENT WAS DRAFTED BY
John S. Schlom
P.O. Box 230
Waupun, Wisconsin 53983-0230

ACKNOWLEDGMENT

STATE OF WISCONSIN)
ss.
FOND DU LAC COUNTY)

Personally came before me this 24th day of January, 2000, the
above named Glen W. Hesselink to me known to be the person
who executed the foregoing instrument and acknowledge the
same

John S. Schlom
signature

type or print name JOHN S. SCHLOM
Notary Public, State of Wisconsin

My commission is permanent. (If not, state expiration date:
_____)

*Names of persons signing in any capacity should be typed or
printed below their signatures.



TETRA TECH

March 21, 2011

Wisconsin Department of Transportation
 Attn: Ms. Sharlene Te Beest
 Hazardous Materials Specialist
 Bureau of Environment

SUBJECT: Notification of Contamination within Right-Of-Way
 Flint Hills Resources Pine Bend, LLC – Waupun Fuel Terminal
 Waupun, Wisconsin
 WDNR - BRRTS # 02-20-343581
 Tetra Tech Project #114-340167

Dear Ms. Te Beest:

On behalf of Flint Hills Resources Pine Bend, LLC (FHR) and in accordance with contaminated site closure requirements of s. NR 726.05(2)(a)4, Tetra Tech, is providing the following information regarding the presence of groundwater contamination within the right-of-way of State Highway 26 that appears to have originated at FHR's Waupun, WI fuel terminal:

County:	Fond du Lac
Highway:	State Highway 26
Site Name:	Flint Hills Resources Waupun Terminal
Site Address:	4240 State Highway 26 Waupun, WI 53963
BRRTS #:	02-20-343581
PECFA #:	None
FID #:	None
Responsible Party's Name / Address:	Flint Hills Resources, LP P.O. Box 64596 St. Paul, MN 55164-0596
Consultant:	Tetra Tech 5404 Alderson Street, Suite 1 Schofield, WI 54476 Ph. 715/355-4180 Fax 715/359-2853
Consultant Contact:	Greg Aldrian greg.aldrian@tetrattech.com



TETRA TECH

Flint Hills Resources Pine Bend, LLC
Waupun, WI Fuel Terminal
March 21, 2011

RIGHT-OF-WAY

Groundwater Contamination: YES

Based on results of remedial investigation activities completed to date in conjunction with the above referenced project, residual groundwater contamination is present in the Rights-of-Way of State Highway 26 (both the east and west sides, see attached Figure 1), at FHR's Waupun, WI fuel terminal located at 4240 State Highway 26, Waupun, WI. Results indicate groundwater concentrations of benzene, trimethylbenzene, and naphthalene may be present in excess of NR 140 enforcement standards. The groundwater table depth varies seasonally and can range between 13-feet and 17-feet below land surface.

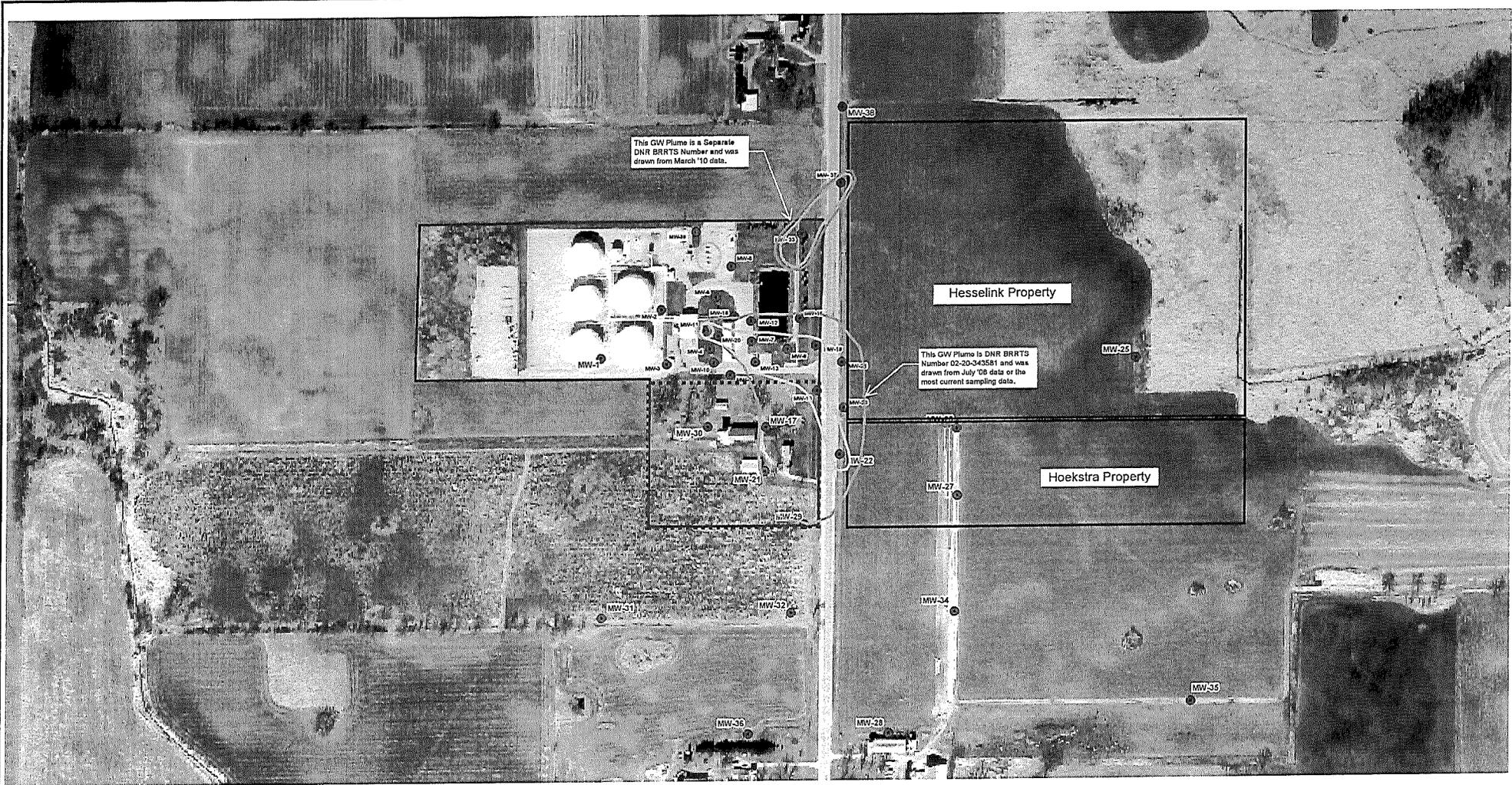
On behalf of FHR, Tetra Tech will be submitting all data collected to date for WDNR consideration of conditional case closure with GIS registration. Also, in accordance with s. NR 726.05(2)(a)4, this information will be provided to the Fond du Lac County clerk and to the Town of Waupun clerk.

If you need more information or have any questions regarding this submittal, you may contact me at Tetra Tech, 5404 Alderson Street, Suite 1, Schofield, WI 54476, telephone # (715) 355-4180.

Sincerely,

Gregory M. Aldrian, PG
Program Manager

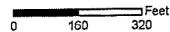
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PROJECT: 1148340167
 DATE: 6/15/2010
 DRAWN BY: TN
 REVIEWED BY: GA
 PHOTO SOURCE: FOND DU LAC COUNTY
 YEAR: 2000
 S:\SHARED\ENV\KOCH_FHR\WAUPUN\PROPOSED MW-39.PDF



FIGURE 1
TOTAL AREA OF SOIL AND GW CONTAMINATION
WAUPUN BULK TERMINAL
FLINT HILLS RESOURCES PINE BEND, LLC
WAUPUN, WISCONSIN



3/30/10 Chemistry Data used for:
 MW-5, 25, 33, 37, 38, 39

7/28/08 Chemistry Data or the most
 current sampling data used for:
 All other wells

Legend

- Monitoring Wells
- ▭ FHR Terminal Property
- ▭ FHR Farm Property
- Impacted Soil Area
- Impacted GW Area > ES
- Impacted GW Area > PAL

RIGHT-OF-WAY

From: TeBeest, Sharlene - DOT [Sharlene.TeBeest@dot.wi.gov]

Sent: Monday, March 21, 2011 5:52 PM

To: Meurette, Marsha

Subject: RE: Notification of Contamination w/i Right-of-Way

Thank you Marsha,

I've received your notification for the Flint Hills Resources Pine Bend, LLC – Waupun Fuel Terminal, WDNR - BRRTS # 02-20-343581.

Please keep a copy of this e-mail for your files.

Shar

Sharlene Te Beest
Hazardous Materials Specialist
WisDOT- BTS-ESS
4802 Sheboygan Ave Rm 451
PO Box 7965
Madison, WI 53707-7965
Phone 608-266-1476
Cell 608-692-4546
e-mail sharlene.tebeest@dot.wi.gov

From: Meurette, Marsha [mailto:Marsha.Meurette@tetrattech.com]

Sent: Monday, March 21, 2011 3:35 PM

To: TeBeest, Sharlene - DOT

Cc: Aldrian, Greg

Subject: Notification of Contamination w/i Right-of-Way

Hello Sharlene – Attached is the notification of contamination within the rights-of-way along Highway 26 in the Town of Waupun, Wisconsin, near the Flint Hills Resources Pine Bend, LLC's fuel terminal, including a figure depicting the location. Please review and let me know if you have any questions.

Thanks,
Marsha

Marsha Meurette | Project Manager/Environmental Scientist
Office: 715.355.4180, ext. 14 | Cell: 715.297.6277 | Fax : 715.359.2853

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TETRA TECH

RIGHT-OF-WAY

March 21, 2011

City County Government Center
Attn: Ms. Lisa Freiberg, Fond du Lac County Clerk
160 S. Macy Street
Fond du Lac, Wisconsin 54935

SUBJECT: Notification of Contamination within Right-Of-Way
Flint Hills Resources Pine Bend, LLC - Waupun Fuel Terminal
Waupun, Wisconsin
WDNR - BRRTS # 02-20-343581
Tetra Tech Project #114-340167

Dear Ms. Freiberg:

On behalf of Flint Hills Resources Pine Bend, LLC (FHR), and in accordance with contaminated site closure requirements of s. NR 726.05(2)(a)4, Tetra Tech is providing the following information regarding the presence of groundwater contamination within the right-of-way of State Highway 26 that appears to have originated at FHR's Waupun, WI fuel terminal:

County:	Fond du Lac
Highway:	State Highway 26
Site Name:	Flint Hills Resources Waupun Terminal
Site Address:	4240 State Highway 26 Waupun, WI 53963
BRRTS #:	02-20-343581
PECFA #:	None
FID #:	None

Responsible Party's Name / Address:	Flint Hills Resources, LP P.O. Box 64596 St. Paul, MN 55164-0596
--	--

Consultant:	Tetra Tech 5404 Alderson St., Suite 1 Schofield, WI 54476 Ph. 715/355-4180 Fax 715/359-2853
-------------	---

Consultant Contact:	Greg Aldrian greg.aldrian@tetrattech.com
---------------------	--

Tetra Tech
5404 Alderson Street, Suite 1, Schofield, WI 54476
Tel 715.355.4180 Fax 715.359.2853 www.tetrattech.com



TETRA TECH

Flint Hills Resources Pine Bend, LLC
Waupun, WI Fuel Terminal
March 21, 2011

RIGHT-OF-WAY

Groundwater Contamination: YES

Based on results of remedial investigation activities completed to date in conjunction with the above referenced project, residual groundwater contamination is present in the Rights-of-Way of State Highway 26 (both the east and west sides, see attached Figure 1), at FHR's Waupun, WI fuel terminal located at 4240 State Highway 26, Waupun, WI. Results indicate groundwater concentrations of benzene, trimethylbenzene, and naphthalene may be present in excess of NR 140 enforcement standards. The groundwater table depth varies seasonally and can range between 13-feet and 17-feet below land surface.

On behalf of FHR, Tetra Tech will be submitting all data collected to date for WDNR consideration of conditional case closure with GIS registration. Also, in accordance with s. NR 726.05(2)(a)4, this information will be provided to the Wisconsin Department of Transportation and to the Town of Waupun Clerk.

If you need more information or have any questions regarding this submittal, you may contact me at Tetra Tech, 5404 Alderson St., Suite 1, Schofield, WI 54476, telephone # (715) 355-4180.

Sincerely,

Gregory M. Aldrian, PG
Program Manager

GMA/mam/tr/prz
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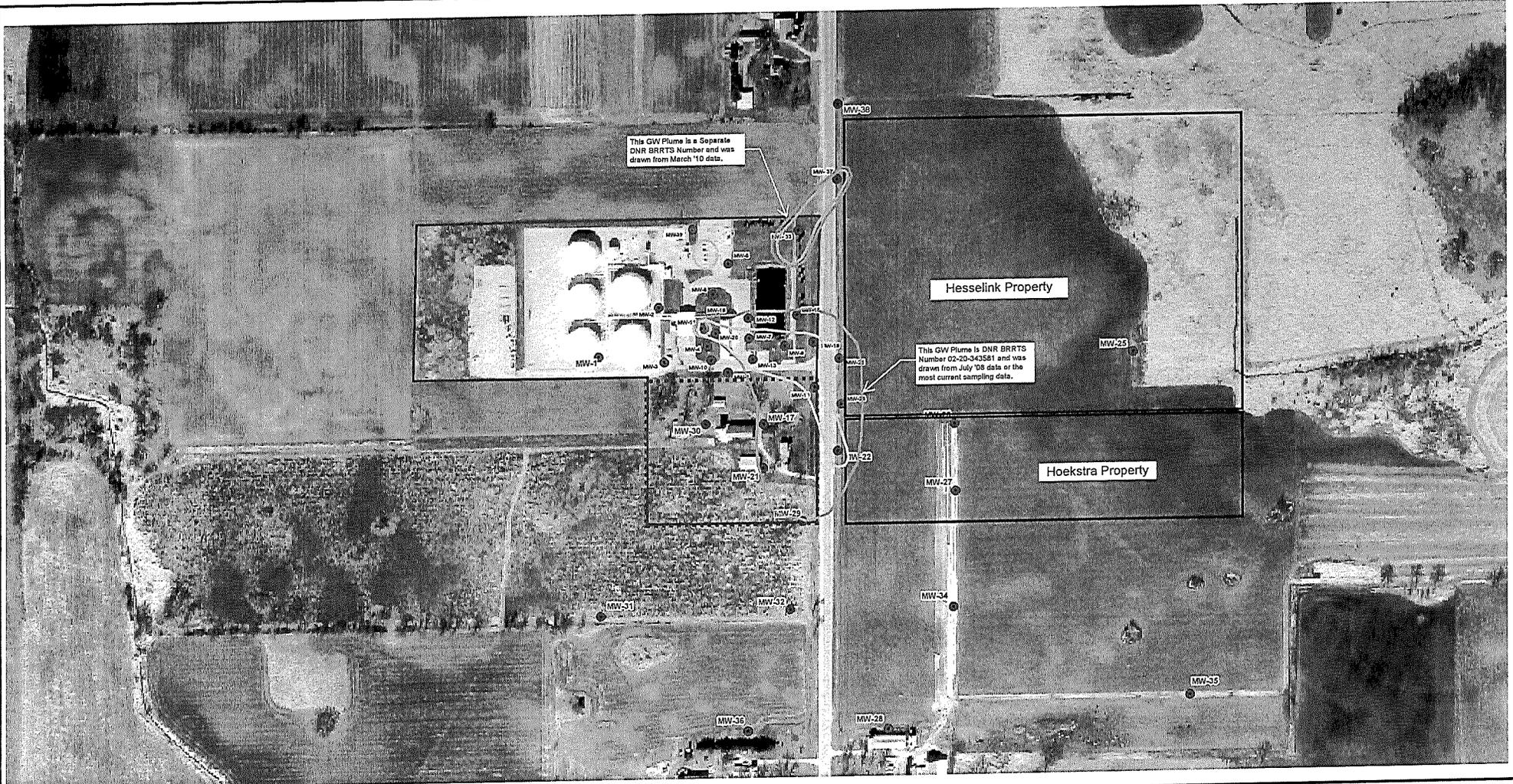
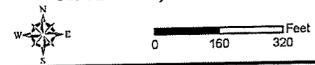


FIGURE 1
TOTAL AREA OF SOIL AND GW CONTAMINATION
WAUPUN BULK TERMINAL
FLINT HILLS RESOURCES PINE BEND, LLC
WAUPUN, WISCONSIN

PROJECT: 1148340167
 DATE: 6/15/2010
 DRAWN BY: TN
 REVIEWED BY: GA
 PHOTO SOURCE: FOND DU LAC COUNTY
 YEAR: 2000
 S:\SHARED\ENV\KOCHE_FHR\WAUPUN\PROPOSED MW-39.PDF



3/30/10 Chemistry Data used for:
 MW-5, 25, 33, 37, 38, 39
 7/28/08 Chemistry Data or the most
 current sampling data used for:
 All other wells

- Legend**
- Monitoring Wells
 - ▭ FHR Terminal Property
 - ▨ FHR Farm Property
 - Impacted Soil Area
 - Impacted GW Area > ES
 - Impacted GW Area > PAL



RIGHT-OF-WAY

March 21, 2011

Town of Waupun
Attn: Ms. Paula Vande Zande, Town Clerk
W10859 Cherry Road
Waupun, WI 53963

SUBJECT: Notification of Contamination within Right-Of-Way
Flint Hills Resources Pine Bend, LLC - Waupun Fuel Terminal
Waupun, Wisconsin
WDNR - BRRTS #02-20-343581
Tetra Tech Project #114-340167

Dear Ms. Vande Zande:

On behalf of Flint Hills Resources Pine Bend, LLC (FHR), and in accordance with contaminated site closure requirements of s. NR 726.05(2)(a)4, Tetra Tech is providing the following information regarding the presence of groundwater contamination within the right-of-way of State Highway 26 that appears to have originated at FHR's Waupun, WI fuel terminal:

County:	Fond du Lac
Highway:	State Highway 26
Site Name:	Flint Hills Resources Waupun Terminal
Site Address:	4240 State Highway 26 Waupun, WI 54443
BRRTS #:	02-20-343581
PECFA #:	None
FID #:	None

Responsible Party's Name / Address:	Flint Hills Resources, LP P.O. Box 64596 St. Paul, MN 55164-0596
--	--

Consultant:	Tetra Tech 5404 Alderson Street, Suite 1 Schofield, WI 54476 Ph. 715/355-4180 Fax 715/359-2853
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Consultant Contact:	Greg Aldrian greg.aldrian@tetrattech.com
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TETRA TECH

Flint Hills Resources Pine Bend, LLC
Waupun, WI Fuel Terminal
March 21, 2011

RIGHT-OF-WAY

Groundwater Contamination: YES

Based on results of remedial investigation activities completed to date in conjunction with the above referenced project, residual groundwater contamination is present in the Rights-of-Way of State Highway 26 (both the east and west sides, see attached Figure 1), at FHR's Waupun, WI fuel terminal located at 4240 State Highway 26, Waupun, WI. Results indicate groundwater concentrations of benzene, trimethylbenzene, and naphthalene may be present in excess of NR 140 enforcement standards. The groundwater table depth varies seasonally and can range between 13-feet and 17-feet below land surface.

On behalf of FHR, Tetra Tech will be submitting all data collected to date for WDNR consideration of conditional case closure with GIS registration. Also, in accordance with s. NR 726.05(2)(a)4, this information will be provided to the Wisconsin Department of Transportation and to the Portage County clerk.

If you need more information or have any questions regarding this submittal, you may contact me at Tetra Tech, 5404 Alderson Street, Suite 1, Schofield, WI, telephone # (715) 355-4180.

Sincerely,

Gregory M. Aldrian, PG
Program Manager

GMA/mam/tr/prz
S:\ENV\KCOCH_FHR\WAUPUN\Closure Docs\Section B Notifications\draft Town of Waupun_Notification.doc