

Source Property Information

BRRTS #:	03-23-343477	Closure Date:	November 18, 2008
ACTIVITY NAME:	Juda Grain	FID#:	
PROPERTY ADDRESS:	N3481 State Rd 104	DATCP#:	
MUNICIPALITY:	Brodhead	COMM#:	53520-9601-81
PARCEL ID#:	230-0120-651-0000		

***WTM Coordinates:**

X:	571825	Y:	240223
----	--------	----	--------

**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:

- | | |
|--|--|
| <input type="checkbox"/> <u>Groundwater</u> Contamination > ES (236) | <input checked="" type="checkbox"/> <u>Soil</u> Contamination > *RCLs or **SSRCL (232) |
| <input type="checkbox"/> Groundwater Contamination in ROW | <input type="checkbox"/> Soil Contamination in ROW |
| <input type="checkbox"/> Off-Source Contamination | <input type="checkbox"/> Off-Source Contamination |

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

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

Land Use Controls:

- | | |
|---|---|
| <input type="checkbox"/> Soil: maintain industrial zoning (220) | <input type="checkbox"/> Cover or Barrier (222) |
| <input type="checkbox"/> Structural Impediment (224) | <input type="checkbox"/> Vapor Mitigation (226) |
| <input checked="" type="checkbox"/> Site-Specific Condition (228) | <input type="checkbox"/> Maintain Liability Exemption (230) |

(note: soil contaminant concentrations between residential and industrial levels)

(note: maintenance plan for groundwater or direct contact)

(note: local government or economic development corporation)

Monitoring wells properly abandoned? (234)

- Yes No N/A

RECEIVED

NOV 07 2008

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

ERS DIVISION

GIS Registry Checklist

Form 4400-245 (R 4/08)

Page 1 of 3

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

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

BRRTS #: 03-23-343477

PARCEL ID #: 230-0120-651-0000

ACTIVITY NAME: JUDA GRAIN

WTM COORDINATES: X: 571825 Y: 240223

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.)
- 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 8.5 x 14 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 #: 1 Title: SITE LOCATION
- 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 #: 2 Title: SITE LAYOUT
- 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 #: 3 Title: RESIDUAL PETROLEUM-CONTAMINATED SOIL

BRRTS #: 03-23-343477

ACTIVITY NAME: JUDA GRAIN

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 #: 4 Title: GEOLOGIC CROSS SECTION B-B'

Figure #: Title:

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

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

Figure #: Title:

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

Figure #: Title:

Figure #: Title:

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

Tables must be no larger than 8.5 x 14 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 #: 1 Title: SUMMARY OF SOIL ANALYTICAL DATA

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

Table #: Title:

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

Table #: Title:

IMPROPERLY ABANDONED MONITORING WELLS

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

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

- Not Applicable**

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

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

Figure #: Title:

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

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

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

BRRTS #: 03-23-343477

ACTIVITY NAME: JUDA GRAIN

NOTIFICATIONS

Source Property

- 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.

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

Number of "Off-Source" Letters:

- Return Receipt/Signature Confirmation:** Written proof of date on which confirmation was received for notifying any off-source property owner.
- Deed of "Off-Source" Property:** The most recent deed(s) as well as legal descriptions, for all affected deeded **off-source property(ies)**. This does not apply to right-of-ways.
- Note:** If a property has been purchased with a land contract and the purchaser has not yet received a deed, a copy of the land contract which includes the legal description shall be submitted instead of the most recent deed. If the property has been inherited, written documentation of the property transfer should be submitted along with the most recent deed.
- Letter To "Governmental Unit/Right-Of-Way" Owners:** Copies of all letters sent by the Responsible Party (RP) to a city, village, municipality, state agency or any other entity responsible for maintenance of a public street, highway, or railroad right-of-way, within or partially within the contaminated area, for contamination exceeding a groundwater Enforcement Standard (ES) and/or soil exceeding a Residual Contaminant Level (RCL) or a Site Specific Residual Contaminant Level (SSRCL).

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



ENVIRONMENTAL & REGULATORY SERVICES DIVISION
BUREAU OF PECFA
P.O. Box 8044
Madison, Wisconsin 53708-8044
TTY: Contact Through Relay
Fax: (608) 267-1381
Jim Doyle, Governor
Richard J. Leinenkugel, Secretary

November 18, 2008

Scott Schmidt
Juda Grain, Inc
N3481 State Rd 104
Brodhead, WI 53520

RE: **Final Closure**

Commerce # 53520-9601-81-A DNR BRRTS # 03-23-343477
Juda Grain, N3481 State Road 104, Brodhead

Dear Mr. Schmidt:

The Wisconsin Department of Commerce (Commerce) has received all items required as conditions for closure of the site referenced above. This site is now listed as "closed" on the Commerce database and will be included on the Department of Natural Resources (DNR) Geographic Information System (GIS) Registry of Closed Remediation Sites to address residual soil contamination. To review the sites on the GIS Registry web page, visit <http://dnr.wi.gov/org/aw/rr/gis/index.htm>. If you intend to construct or reconstruct a potable well on this property, you must get prior DNR approval.

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

Depending on site-specific conditions, construction over contaminated materials may result in vapor migration into enclosed structures or along newly placed underground utility lines. The potential for vapor inhalation and 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.

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

Thank you for your efforts to bring this case to closure. If you have any questions, please contact me in writing at the letterhead address or by telephone at (608) 261-6543.

Sincerely,

A handwritten signature in black ink that reads "Ralph N. Smith". The signature is written in a cursive style.

Ralph N. Smith
Senior Hydrogeologist
Site Review Section

cc: Robyn Seymour – Seymour Environmental
Case File



ENVIRONMENTAL & REGULATORY SERVICES DIVISION
BUREAU OF PECFA
P.O. Box 8044
Madison, Wisconsin 53708-8044
TDD #: (608) 264-8777
Fax #: (608) 267-1381
Jim Doyle, Governor
Jack L. Fischer, A.I.A., Secretary

September 12, 2008

Scott Schmidt
Juda Grain
N3481 State Road 104
Brodhead, WI 53520

RE: **Additional Information for Closure Review**

Commerce # 53520-9601-81-A DNR BRRTS # 03-23-343477
Juda Grain, N3481 State Road 104, Brodhead

Dear Mr. Schmidt:

On September 10, 2008, the Wisconsin Department of Commerce (Commerce) received a request for case closure prepared by your consultant, Seymour Environmental Services Inc, for the site referenced above. Commerce has determined that the following information must be provided:

- Update GIS Package (per new DNR GIS Registry Packet promulgated 5/08)

Since the well abandonment documentation was not received until September 10, 2008 (almost a year after these activities were done), please be aware that the interest expense reimbursement cut-off date is effectively 60-days after the date of the conditional closure letter, if applicable (see conditional closure letter dated September 25, 2007). Be aware that Commerce can pursue enforcement actions if you do not respond to this request for information.

The closure review will be completed upon receipt of the requested information. If you have any questions, please contact me in writing at the letterhead address or by telephone at (608) 261-6543.

Sincerely,

A handwritten signature in black ink that reads "Ralph N. Smith". The signature is written in a cursive style.

Ralph N. Smith
Senior Hydrogeologist
Site Review Section

cc: Robyn Seymour - Seymour Environmental Services Inc
Case File



ENVIRONMENTAL & REGULATORY SERVICES DIVISION
BUREAU OF PECFA
P.O. Box 8044
Madison, Wisconsin 53708-8044
TDD #: (608) 264-8777
Fax #: (608) 267-1381
Jim Doyle, Governor
Mary P. Burke, Secretary

September 25, 2007

Scott Schmidt
Juda Grain
N3481 State Highway 104
Brodhead, WI 53520

RE: **Conditional Case Closure**

Commerce # 53520-9601-81-A DNR BRRTS # 03-23-343477
Juda Grain, N3481 State Highway 104, Brodhead

Dear Mr. Schmidt:

The Wisconsin Department of Commerce (Commerce) has reviewed the request for case closure prepared by your consultant, Seymour Environmental Services Inc, for the site referenced above. It is understood that residual soil contamination remains on site. Commerce has determined that this site does not pose a significant threat to the environment and human health. No further investigation or remedial action is necessary.

The following conditions must be satisfied to obtain final closure:

- All four monitoring wells must be properly abandoned. The appropriate documentation must be forwarded to the letterhead address.

This letter serves as your written notice of "no further action." Timely filing of your final PECFA claim (if applicable) is encouraged. If your claim is not received within 120 days of the date of this letter, interest costs incurred after 60 days of the date of this letter will not be eligible for PECFA reimbursement. Costs associated with recording deed notices or other restrictions are not eligible for PECFA reimbursement, and the recording of these notices should not delay the claim submittal process.

Thank you for your efforts to protect Wisconsin's environment. If you have any questions, please contact me in writing at the letterhead address or by telephone at (608) 261-6543.

Sincerely,

A handwritten signature in cursive script that reads "Ralph N. Smith".

Ralph N. Smith
Senior Hydrogeologist
Site Review Section

cc: Robyn Seymour - Seymour Environmental Services Inc
Case File

STATE BAR OF WISCONSIN FORM 2 - 2000
WARRANTY DEED

Document Number

DOCUMENT # 479957

Recorded
DEC. 08, 2005 AT 08:00:00AM
CYNTHIA A MEUDT
REGISTER OF DEEDS
GREEN COUNTY, WISCONSIN
Fee Amount: \$11.00
Transfer Fee: \$255.00

This Deed, made between Marjorie Schmidt and Craig Schmidt, as their interest may appear

Grantor,
and Scott Schmidt and Timothy Schmidt, to each an
undivided 50% interest, as tenants in common

Grantee.
Grantor, for a valuable consideration, conveys and warrants to Grantee the following described real estate in Green County, State of Wisconsin (if more space is needed, please attach addendum):

Lot One (1) of Certified Survey Map Number 132, as recorded in Volume 1 of Certified Survey Maps of Green County on Page 132, being part of the East Half of the Southeast Quarter of Section 24, Town 2 North, Range 9 East, Green County, Wisconsin. EXCEPT the North Forty (40) feet thereof.

CODE
W-7
EXCLUSION

Recording Area

Name and Return Address

Atty. Scott Thompson
P. O. Box 710
Monroe, WI 53566

23-12-651.0

Parcel Identification Number (PIN)

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

Exceptions to warranties: Municipal and zoning ordinances, easements, covenants and restrictions of record and those taxes and special assessments accruing in the year of closing.

Dated this 2nd day of November, 2005.

Marjorie Schmidt (SEAL)
* Marjorie Schmidt

Craig Schmidt (SEAL)
* Craig Schmidt

(SEAL)
*

(SEAL)
*

AUTHENTICATION

Signature(s) of Marjorie Schmidt and Craig Schmidt
authenticated this 2nd day of November, 2005.

* Scott Thompson
TITLE: MEMBER STATE BAR OF WISCONSIN
(If not, _____
authorized by §706.06, Wis. Stats.)

THIS INSTRUMENT WAS DRAFTED BY

Attorney Scott Thompson
Monroe, WI 53566-0710 (jim)
(Signatures may be authenticated or acknowledged. Both are not necessary.)

ACKNOWLEDGMENT

State of Wisconsin, }
County. } ss.

Personally came before me this _____ day of _____, the above named

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

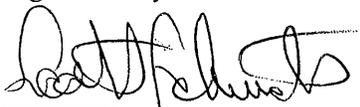
*
Notary Public, State of Wisconsin
My commission is permanent. (If not, state expiration date: _____.)

* Names of persons signing in any capacity must be typed or printed below their signature.

ENCLOSURE A**REQUIRED DOCUMENTATION FOR GIS REGISTRY
OF CLOSED REMEDIATION SITES - SOIL****Juda Grain Property, Brodhead, Wisconsin
(BRRTS # 03-23-343477)**

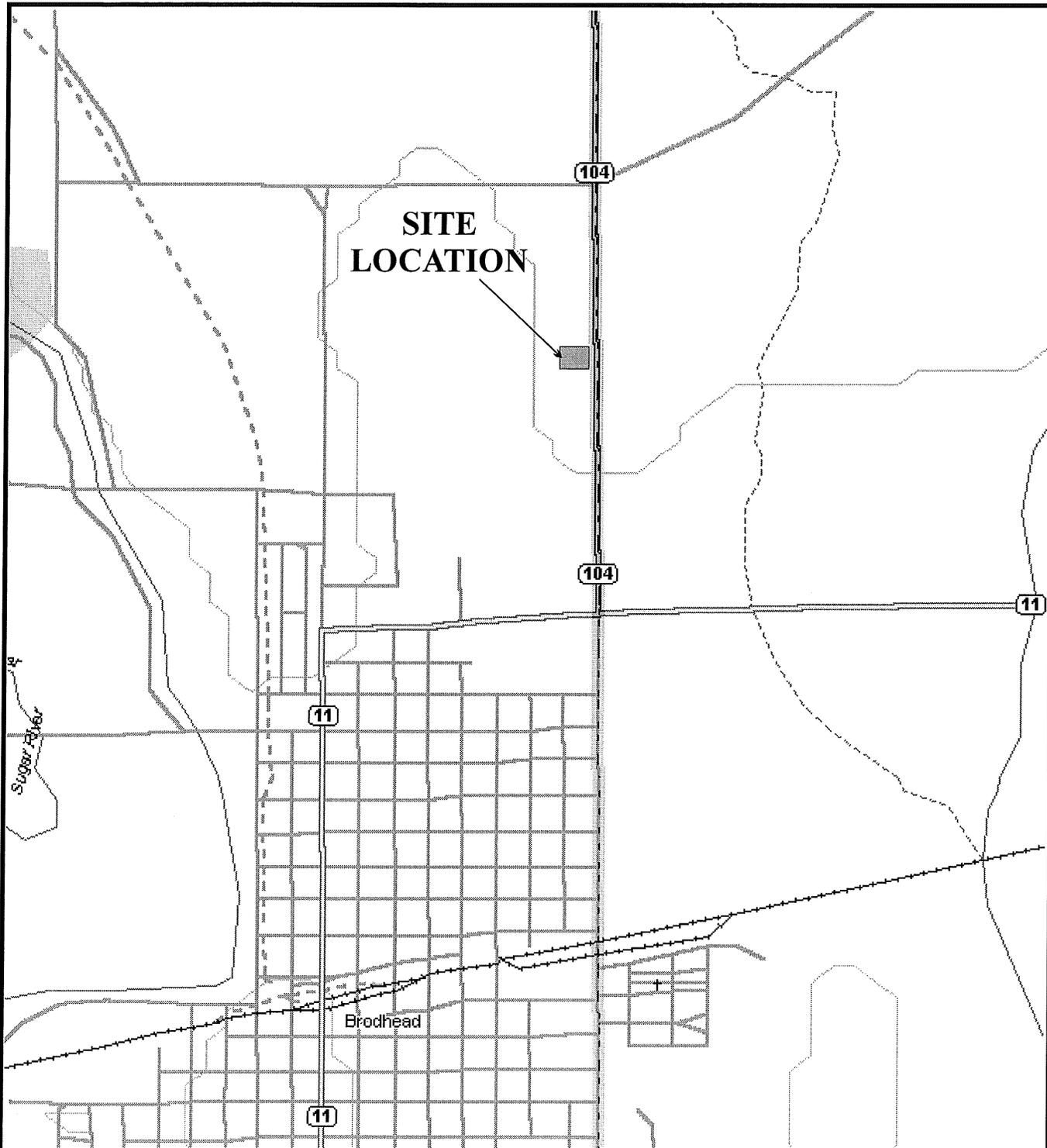
- ◆ A check has been submitted to the WDNR for GIS registry of the site for soil contamination exceeding the NR720 RCLs.
- ◆ A copy of the most recent deed is attached.
- ◆ The contaminated site boundary lies entirely within the property and does not extend to the adjacent street right-of-way. The site address is N3481 STH 104, Brodhead, Wisconsin. The parcel identification number is Green County # 230-0120-651-0000.
- ◆ A site location map is attached.
- ◆ A map of the property showing structures and the location of residual soil contamination exceeding NR720 RCLs is attached.
- ◆ A map showing the locations where soil samples were collected and the location of residual soil contamination exceeding NR720 RCLs is attached.
- ◆ A table of the soil analytical results is attached.
- ◆ A cross-section showing the elevation of the residual soil contamination is attached.

To the best of my knowledge the legal description and parcel information attached to this package are accurate. The contamination does not extend onto any neighboring properties including the public street right-of-ways.



Mr. Scott Schmidt – Property Owner

- ◆ The geographic position of the property based on the WTM91 projection is (571825, 240223)

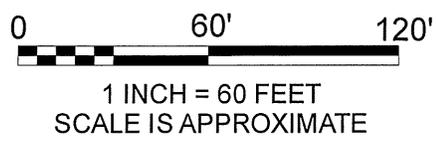
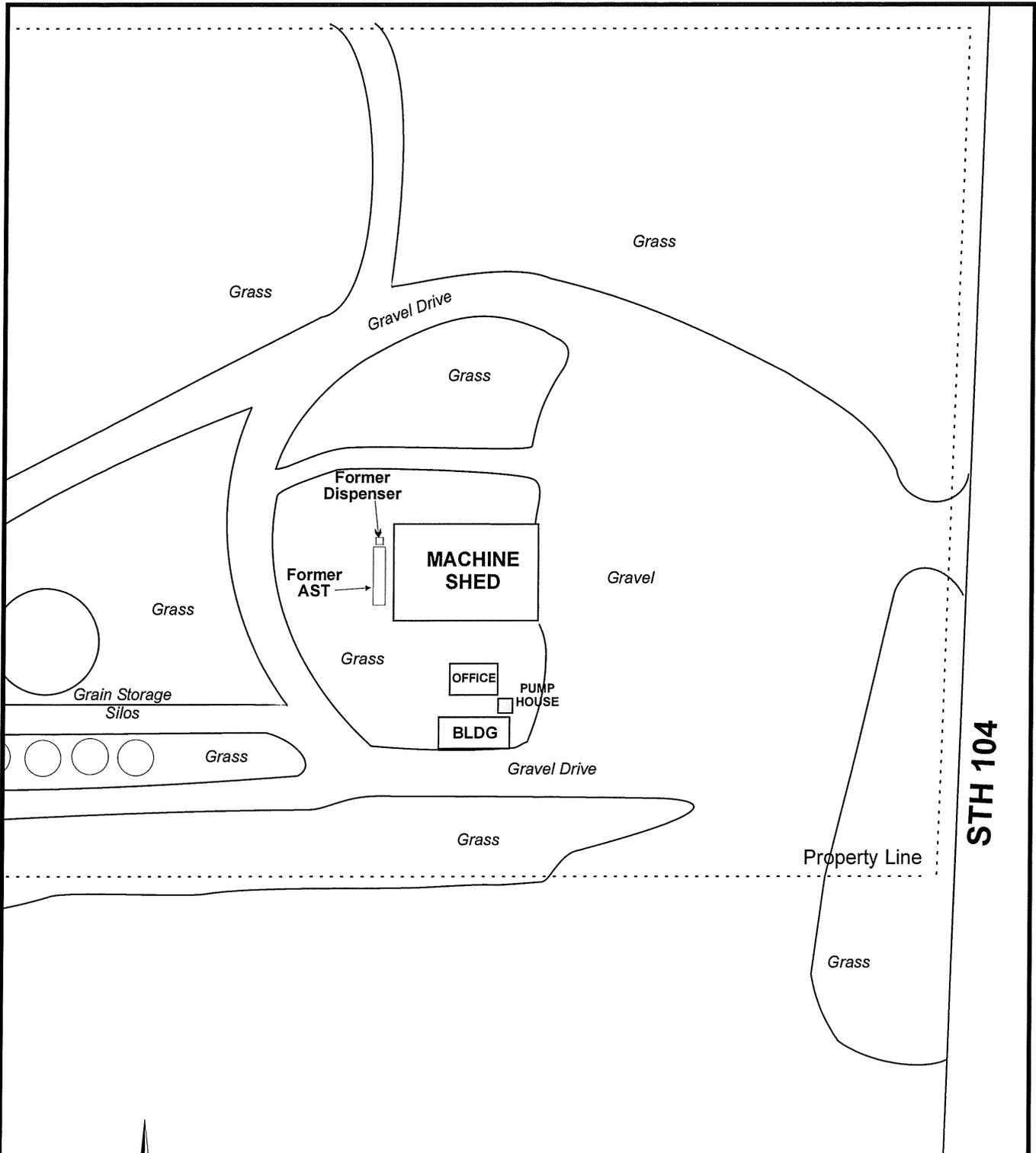


FILE/PATH: D:\PROJECTS\JUDAGRAIN\FIGURES
 Juda-location.cdr
 DATE: 10/03/2002
 PREPARED: MDF APPROVED:
 SOURCE:
 DeLorme Topo USA

SEYMOUR
 ENVIRONMENTAL
 SERVICES, INC.

SITE LOCATION
 JUDA GRAIN
 N3481 Highway 104
 Brodhead, Wisconsin

FIGURE
1

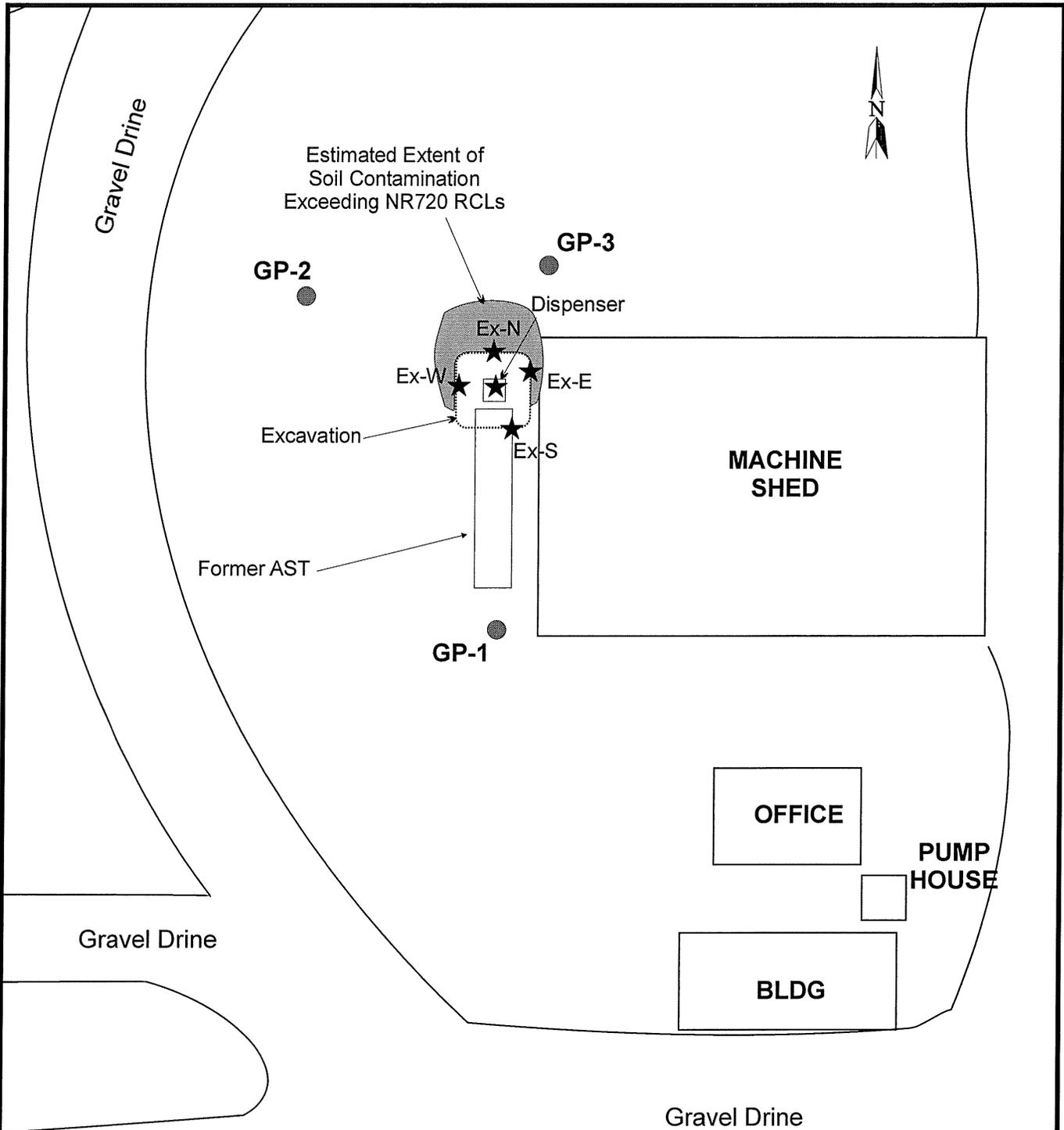


FILE/PATH: D:\PROJECTS\IOLINBROADHEAD\FIGURES\SiteLayout.cdr
 DATE: 05/08/2002
 PREPARED: MDF APPROVED:
 SOURCE: FIELD MEASUREMENTS

**SEYMOUR
ENVIRONMENTAL
SERVICES, INC.**

**SITE LAYOUT
JUDA GRAIN
N3481 Highway 104
Brodhead, Wisconsin**

**FIGURE
2**



LEGEND

Ex-W ★ - Remedial Excavation Sample

B-2 ● - Geoprobe Location

0 20' 40'

1 INCH = 20 FEET
SCALE IS APPROXIMATE

FILE/PATH: D:\PROJECTS\JUDAGRAIN\REPORT\CLOSURE\Fig3-assessdetails.cdr

DATE: 11/08/2005

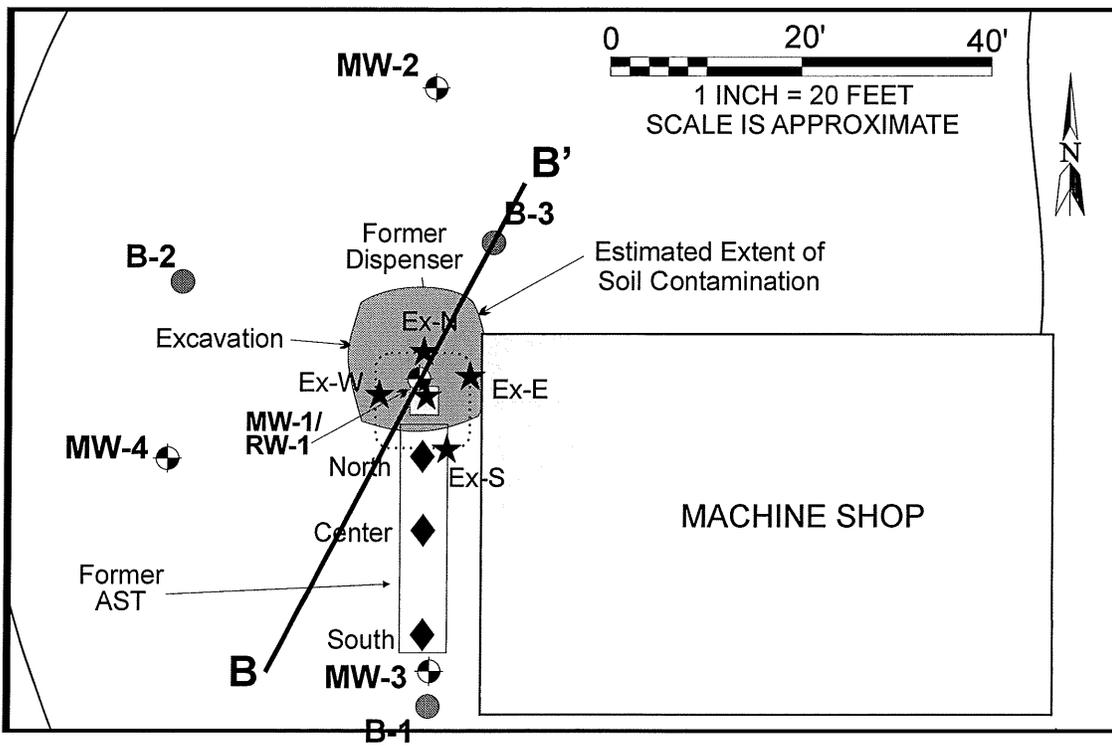
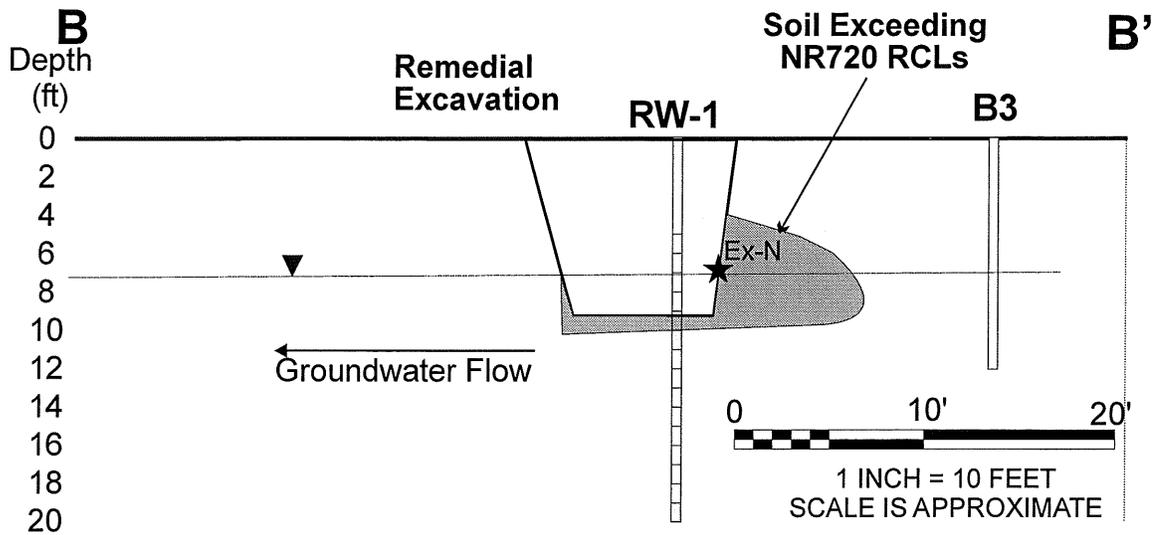
PREPARED: MDF APPROVED:

SOURCE: FIELD MEASUREMENTS

SEYMOUR
ENVIRONMENTAL
SERVICES, INC.

RESIDUAL PETROLEUM-CONTAMINATED SOIL
JUDA GRAIN
N3481 Highway 104
Brodhead, Wisconsin

FIGURE
3



LEGEND

South - Closure Sampling Location

- Monitoring Well

B-2 - Geoprobe Location

FILE/PATH: D:\PROJECTS\OLINBROADHEAD\FIGURES\SiteLayout.cdr
 DATE: 05/08/2002
 PREPARED: MDF APPROVED:
 SOURCE:
 FIELD MEASUREMENTS

**SEYMOUR
 ENVIRONMENTAL
 SERVICES, INC.**

GEOLOGIC CROSS-SECTION B-B'
 JUDA GRAIN
 N3481 Highway 104
 Brodhead, Wisconsin

FIGURE
4

TABLE 1
SUMMARY OF SOIL ANALYTICAL DATA (page 1 of 2)
JUDA GRAIN - Brodhead, Wisconsin

EXCAVATION SOIL ANALYSES (06/24/2002)								
Sample Point	North	South	East	West	Dispenser	WDNR	NR746	
Depth (ft)	6.5-7	6.5-7	6.5-7	6.5-7		RCLs	Table 2	Table 1
DRO	15000	5.0	11000	12000	17000	100	ns	ns
PVOCs								
Benzene	<310	<25	<310	<310	na	5.5	1100	8500
1,2 Dichloroethane	na	na	na	na	na	ns	540	600
Ethylbenzene	340	<25	<310	<310	na	2900	ns	4600
Methyl-tert-butyl ether	<310	<25	<310	<310	na	ns	ns	ns
Toluene	<310	<25	<310	<310	na	1500	ns	38000
1,3,5 Trimethylbenzenes	3700	35	4800	4400	na	ns	ns	11000
1,2,4 Trimethylbenzenes	6500	54	9000	8300	na	ns	ns	83000
Total Trimethylbenzenes	10200	89	13800	12700	na	ns	ns	ns
Xylenes, -m, -p	1300	<25	660	670	na	ns	ns	ns
Xylene, -o	860	<25	750	780	na	ns	ns	ns
Total Xylenes	2160	<50	1410	1450	na	4100	ns	42,000
PAHs								
Acenaphthene	na	na	<0.036	na	2.200	69	900	60,000
Acenaphthylene	na	na	0.052	na	<0.290	1.2	18	360
Anthracene	na	na	0.040	na	0.770	6000	5,000	300,000
Benzo(a)anthracene	na	na	<0.030	na	<0.320	30	0.088	3.9
Benzo(a)pyrene	na	na	<0.028	na	<0.290	90	0.0088	0.39
Benzo(b)fluoranthene	na	na	<0.024	na	<0.260	650	0.088	3.9
Benzo(g,h,i)perylene	na	na	<0.025	na	<0.270	12000	1.8	39
Benzo(k)fluoranthene	na	na	<0.029	na	<0.310	1600	0.88	39
Chrysene	na	na	<0.030	na	<0.320	66	8.8	390
Dibenzo(a,h)anthracene	na	na	<0.024	na	<0.260	69	0.0088	0.39
Fluoranthene	na	na	0.170	na	0.480	1000	600	40,000
Fluorene	na	na	0.075	na	3.700	200	600	40,000
Indeno(1,2,3-cd)pyrene	na	na	<0.025	na	<0.270	1200	0.088	3.9
1-Methylnaphthalene	na	na	0.100	na	14.000	42	1,100	70,000
2-Methylnaphthalene	na	na	0.061	na	19.000	30	600	40,000
Naphthalene	na	na	0.100	na	2.900	0.7	20	110
Phenanthrene	na	na	0.074	na	7.300	3.3	18	390
Pyrene	na	na	0.970	na	2.500	16000	500	30,000

- DRO and PAH results are in mg/kg;
 - na = not analyzed
 - ns = no standard established

- NR720 RCL = Residual contaminant levels (exceedances shown in bold)
 - NR746 Table 1 = Indication of petroleum saturated soil pores
 - NR746 Table 2 = Direct contact levels

TABLE 1
SUMMARY OF SOIL ANALYTICAL DATA (page 2 of 2)
JUDA GRAIN - Brodhead, Wisconsin

GEOPROBE SOIL ANALYSES (07/31/2002)						
Sample Point	GP-1	GP-2	GP-3	NR720	NR746	
Depth (ft)	6-8	6-8	6-8	RCLs	Table 2	Table 1
DRO	<4.3	<4.0	<3.8	100	ns	ns
PVOCs						
Benzene	<25	<25	<25	5.5	1100	8500
1,2 Dichloroethane	na	na	na	ns	540	600
Ethylbenzene	<25	<25	<25	2900	ns	4600
Methyl-tert-butyl ether	<25	<25	<25	ns	ns	ns
Toluene	<25	<25	<25	1500	ns	38000
1,3,5 Trimethylbenzenes	<25	<25	<25	ns	ns	11000
1,2,4 Trimethylbenzenes	<25	<25	<25	ns	ns	83000
Total Trimethylbenzenes	<50	<50	<50	ns	ns	ns
Xylenes, -m, -p	<25	<25	<25	ns	ns	ns
Xylene, -o	<25	<25	<25	ns	ns	ns
Total Xylenes	<50	<50	<50	4100	ns	42,000

- DRO results are in mg/kg; PVOCs are listed in ug/kg
 - na = not analyzed
 - ns = no standard established
 - NR720 RCL = Residual contaminant levels (exceedances shown in bold)
 - NR746 Table 1 = Indication of petroleum saturated soil pores
 - NR746 Table 2 = Direct contact levels