

# GIS REGISTRY

## Cover Sheet

May, 2009  
(RR 5367)

### Source Property Information

**BRRTS #:**

**ACTIVITY NAME:**

**PROPERTY ADDRESS:**

**MUNICIPALITY:**

**PARCEL ID #:**

**CLOSURE DATE:**

**FID #:**

**DATCP #:**

**COMM #:**

#### \*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:

- |   |   |
|---|---|
| <input type="checkbox"/> Groundwater Contamination > ES (236)                           | <input checked="" type="checkbox"/> Soil Contamination > *RCL or **SSRCL (232)          |
| <input type="checkbox"/> Contamination in ROW   | <input type="checkbox"/> Contamination in ROW   |
| <input type="checkbox"/> Off-Source Contamination                                       | <input type="checkbox"/> Off-Source Contamination                                       |
| <i>(note: for list of off-source properties<br/>see "Impacted Off-Source Property")</i> | <i>(note: for list of off-source properties<br/>see "Impacted Off-Source Property")</i> |

### Land Use Controls:

- |   |   |
|---|---|
| <input checked="" type="checkbox"/> N/A (Not Applicable)  | <input type="checkbox"/> Cover or Barrier (222)                         |
| <input type="checkbox"/> Soil: maintain industrial zoning (220)                                   | <i>(note: maintenance plan for<br/>groundwater or direct contact)</i>   |
| <i>(note: soil contamination concentrations<br/>between non-industrial and industrial levels)</i> | <input type="checkbox"/> Vapor Mitigation (226)                         |
| <input type="checkbox"/> Structural Impediment (224)  | <input type="checkbox"/> Maintain Liability Exemption (230)             |
| <input type="checkbox"/> Site Specific Condition (228)  | <i>(note: local government or economic<br/>development corporation)</i> |

### 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 #: 02-13-553552

PARCEL ID #: 014/0810-123-8220-3

ACTIVITY NAME: J&L ENTERPRISES PROPERTY

WTM COORDINATES: X: 580156 Y: 299891

**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:** SOIL CONTAMINATION (2009)

BRRTS #: 02-13-553552

ACTIVITY NAME: J&L ENTERPRISES PROPERTY

**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: CROSS-SECTION SHOWING CONTAMINATION**

**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 #: 02-13-553552

ACTIVITY NAME: J&L ENTERPRISES PROPERTY

**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:**



## State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Jim Doyle, Governor  
Matthew J. Frank, Secretary

101 S. Webster St.  
Box 7921  
Madison, Wisconsin 53707-7921  
Telephone 608-266-2621  
FAX 608-267-3579  
TTY Access via relay - 711

March 15, 2010

File Ref: 02-13-553552  
Dane County

Mr. Leo Schneider  
J&L Enterprises  
3729 Sunnywood Drive  
DeForest, WI 53532

Subject: Final Closure: J&L Enterprises, 666 Thompson Road, Sun Prairie, WI

Dear Mr. Schneider:

On February 24, 2010, the South Central Region Closure Committee reviewed the above referenced case for closure. This committee reviews environmental remediation cases for compliance with state laws and standards to maintain consistency in the closure of these cases. 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 future property owners must comply with certain continuing obligations as explained in this letter.

### GIS Registry

This site will be listed on the Remediation and Redevelopment Program's GIS Registry. The specific reasons are summarized below:

- Residual soil contamination exists that must be properly managed should it be excavated or removed

This letter and information that was submitted with your closure request application will be included on the GIS Registry. To review the sites on the GIS Registry web page, visit the RR Sites Map page at <http://dnr.wi.gov/org/aw/rr/gis/index.htm>.

### Closure Conditions

Please be aware that pursuant to s. 292.12 Wisconsin Statutes, compliance with the requirements of this letter is a responsibility to which you and any subsequent property owners must adhere. You must pass on the information about these continuing obligations to the next property owner or owners. If these requirements are not followed or 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, the Department 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 or this case may be reopened pursuant to s. NR 726.09, Wis. Adm. Code.

### Residual Soil Contamination

Residual soil contamination remains on the property as indicated in the information submitted to the Department of Natural Resources. If contaminated soil is excavated in the future, then pursuant to ch. NR 718 or, if applicable, ch. 289, Stats., and chs. 500 to 536, 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 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.

Chapter NR 140, Wis. Adm. Code Exemption

Recent groundwater monitoring data at this site indicates that for tetrachloroethene contaminant levels exceed the NR 140 preventive action limit (PAL) but are below the enforcement standard (ES). The Department may grant an exemption to a PAL for a substance of public health concern, other than nitrate, pursuant to s. NR 140.28(2)(b), Wis. Adm. Code, if all of the following criteria are met:

1. The measured or anticipated increase in the concentration of the substance will be minimized to the extent technically and economically feasible.
2. Compliance with the PAL is either not technically or economically feasible.
3. The enforcement standard for the substance will not be attained or exceeded at the point of standards application. [Note: at this site the point of standards application is all points where groundwater is monitored.]
4. Any existing or projected increase in the concentration of the substance above the background concentration does not present a threat to public health or welfare.

Based on the information you provided, the Department believes that these criteria have been or will be met. Therefore, pursuant to s. NR 140.28, Wis. Adm. Code, an exemption to the PAL is granted for tetrachloroethene. Please keep this letter, because it serves as your exemption.

The Department 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 me at 608-275-3303.

Sincerely,



Michael Schmoller  
SCR Remediation & Redevelopment Program

cc: Bill Phelps, DG/5  
Robyn Seymour, Seymour Environmental, 2531 Dyreson Road, PO Box 398, McFarland, WI 53558



**SURVEYOR'S CERTIFICATE**

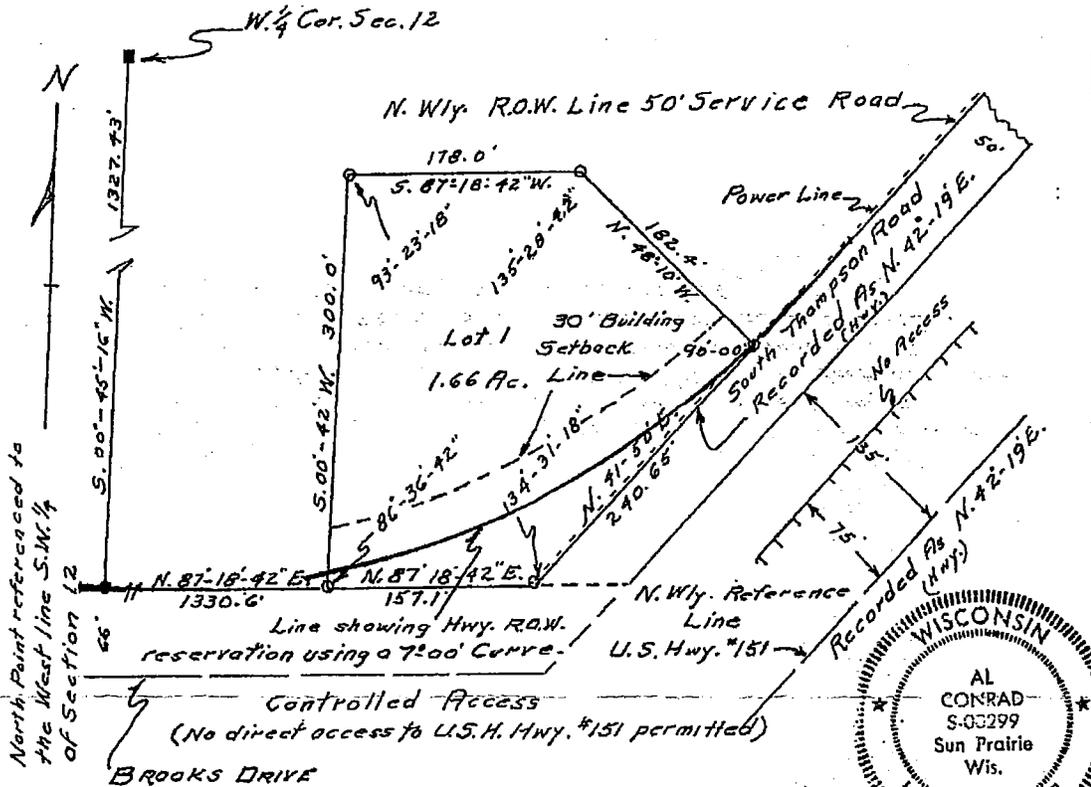
I hereby certify the following described land was surveyed and mapped under my direction and that I have fully complied with Chapter 236.34 of the Wisconsin Statutes and that the map is a correct representation of the boundaries thereof in accordance with the information furnished to me.

Part of the N.E. 1/4 S.W. 1/4 of Section 12, T.8 N. R.10 E. (Twp. of Burke) Dane Co, Wis. described as follows:

Commencing at the West 1/4 Corner of Section 12, thence S. 00°-45'-16" W. 1327.43', Thence N. 87°-18'-42" E. 1330.6' to the Southwest corner of the N.E. 1/4 S.W. 1/4 said Section 12 and point of beginning. Thence continue N. 87°-18'-42" E. 157.1', Th. N. 41°-50' E. 240.65 feet along the North Westerly R.O.W. line of a 50 foot wide frontage road. Thence N. 48°-10' W. 182.4' Thence S. 87°-18'-42" W. 178.0' Thence S. 00°-42' W. 300.0' to the p. o. b. The above parcel contains 1.66 Acres.

Certified Survey Map Number 3029  
 Document Number 1599129  
 Recorded Nov 6, 1978  
 Vol. 12 of Certified Survey Maps, page 12

Al Conrad Surveyed for Arthur Schneider  
 Al Conrad, Land Surveyor No. S-299 June 25, 1976



Reference No. \_\_\_\_\_

**Legend**  
 Scale 1 inch 100 feet  
 ● Iron Stake Found  
 ○ 1" x 24" iron pipe  
 Min. Wt. 1.13#/1n ft.

Approved for recording per Dane County Agriculture,  
 Zoning, Planning & Water Resources Committee

Action of November 6, 1978

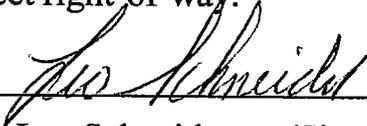
Authorized Representative Arthur Schneider #1520  
 Certified Survey Map No. \_\_\_\_\_

RECEIVED FOR record this 6 day of Nov 1978 at 9:15 a.m. and  
 recorded in Volume 12 of Certified Survey Maps of Dane County on Page 12

Harold K. Hill Register of Deeds

## RESPONSIBLE PARTY STATEMENT

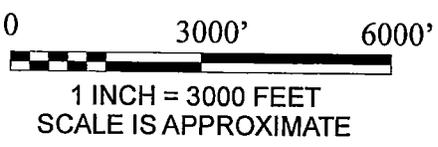
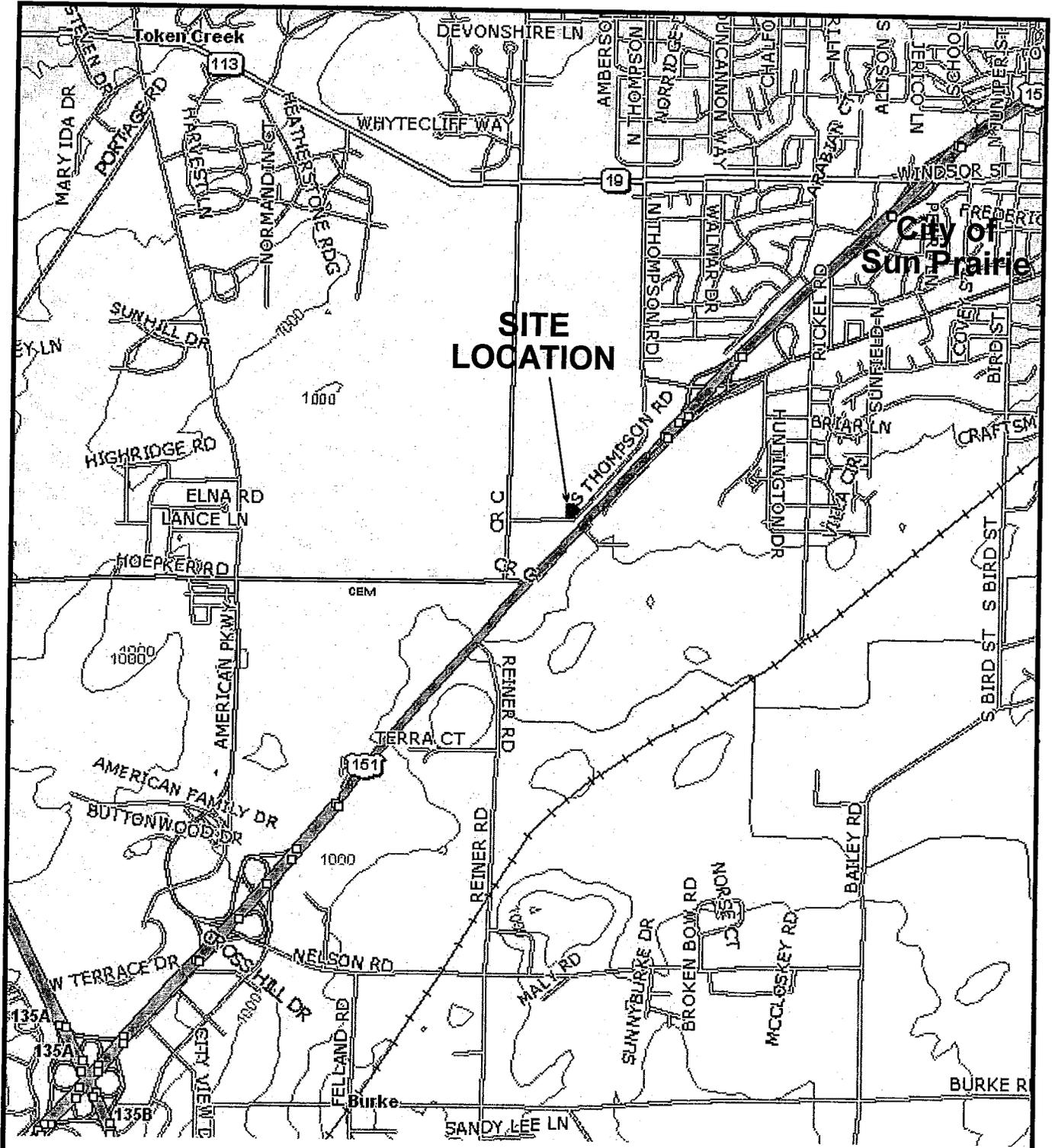
To the best of my knowledge the legal description and parcel information attached to this package are accurate. The contamination originating at the subject parcel does not extend onto the neighboring properties or the public street right-of-way.



Mr. Leo Schneider – (Site Owner)



Date

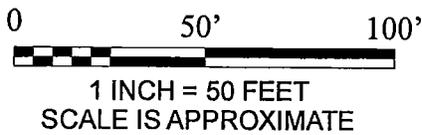
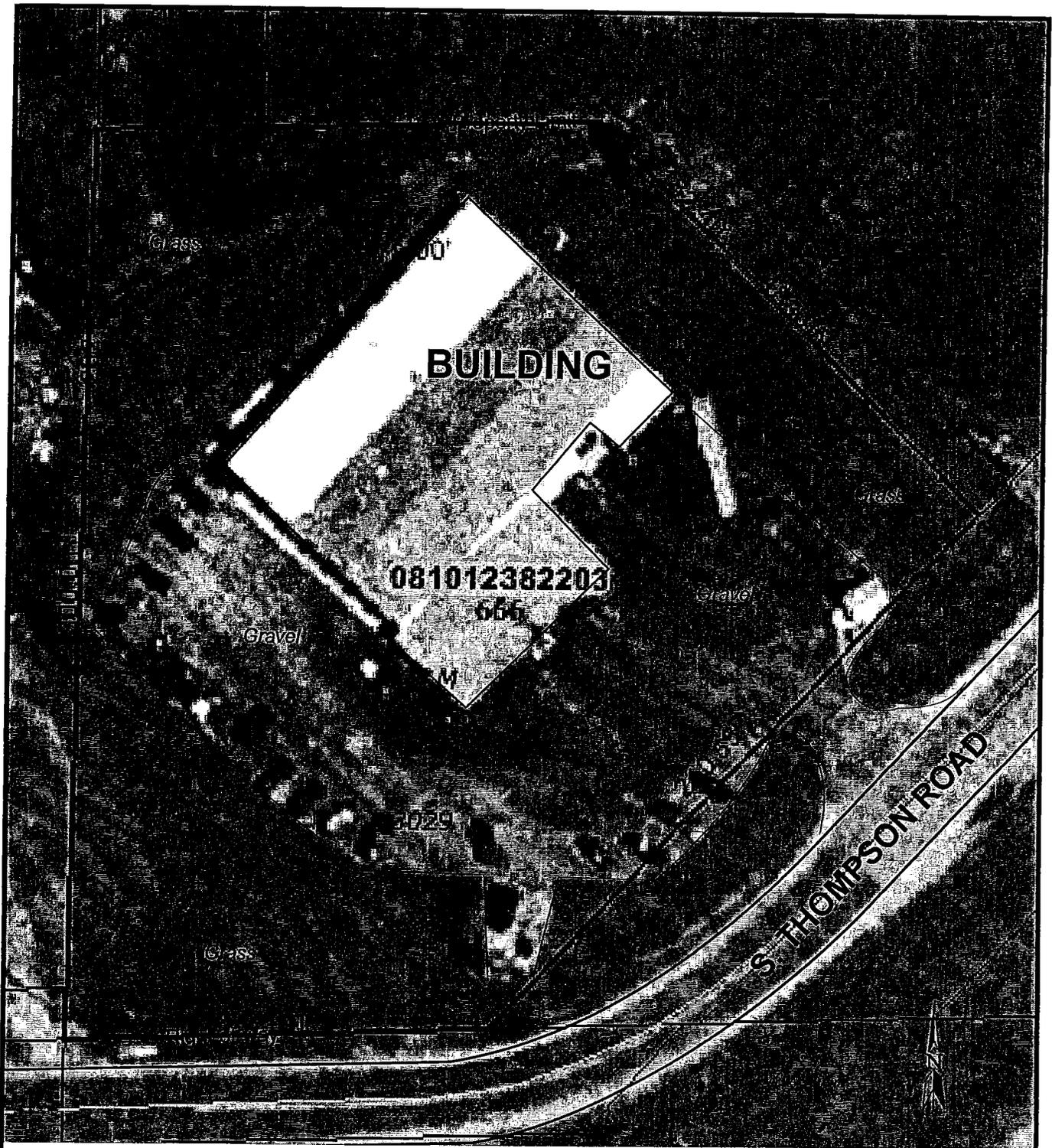


FILE/PATH: D:\PROJECTS\J&L  
 Site-location.cdr  
 DATE: 11/11/2009  
 PREPARED: MDF APPROVED:  
 SOURCE:

**SEYMOUR  
 ENVIRONMENTAL  
 SERVICES, INC.**

**SITE LOCATION  
 J&L ENTERPRISES PROPERTY  
 666 South Thompson Road  
 Sun Prairie, Wisconsin**

**FIGURE  
 1**



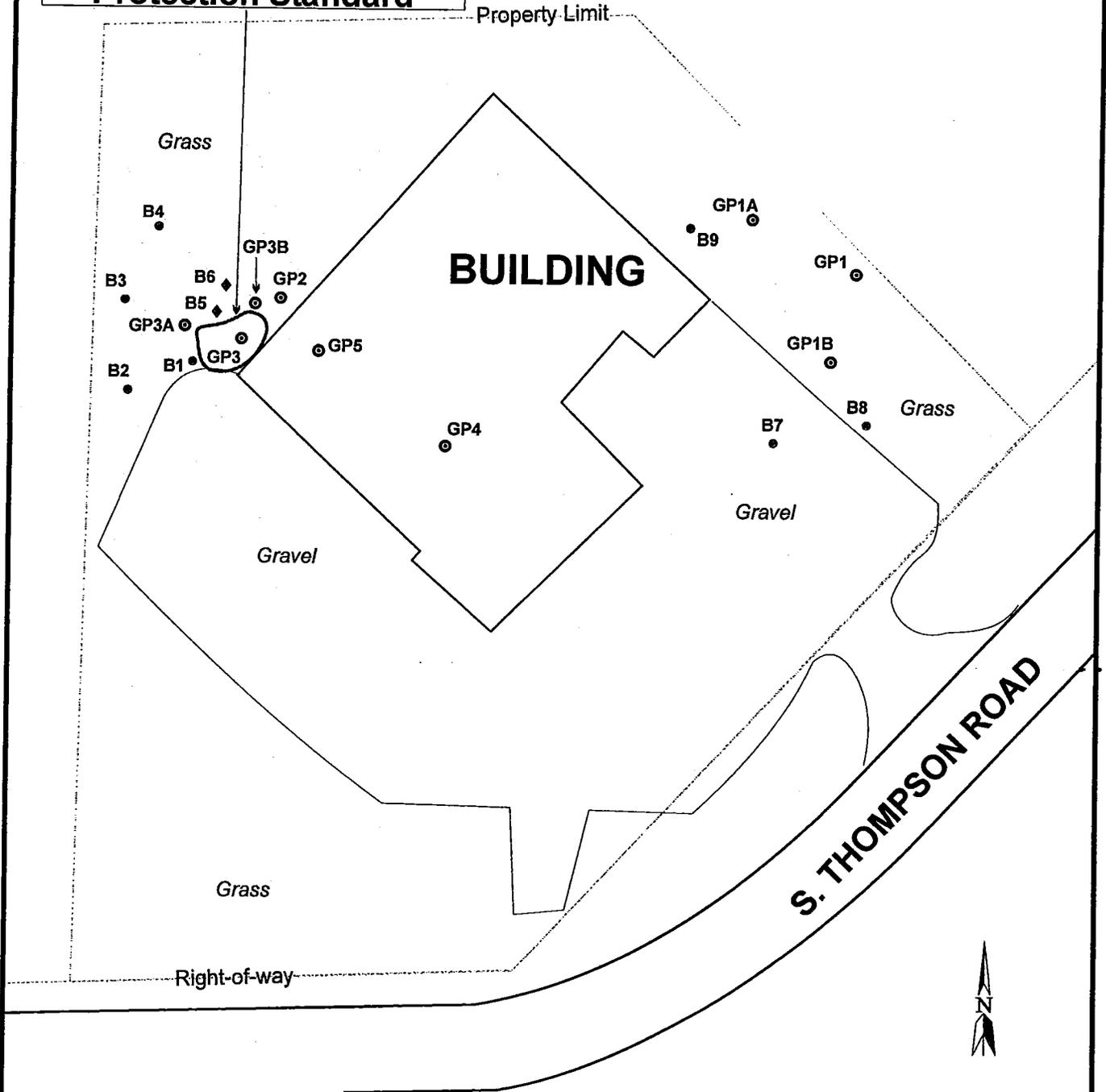
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Site-layout.cdr  
DATE: 11/11/2008  
PREPARED: MDF APPROVED:  
SOURCE:

SEYMOUR  
ENVIRONMENTAL  
SERVICES, INC.

SITE LAYOUT  
J&L ENTERPRISES PROPERTY  
666 S. Thompson Road  
Sun Prairie, Wisconsin

FIGURE  
**2**

**PCE in SOIL  
Exceeding Groundwater  
Protection Standard**



**LEGEND**

- - Sampling Location (Ivertech)
- ◆ - Soil Geoprobe
- ⊙ - Temporary Monitoring Well

0 50' 100'

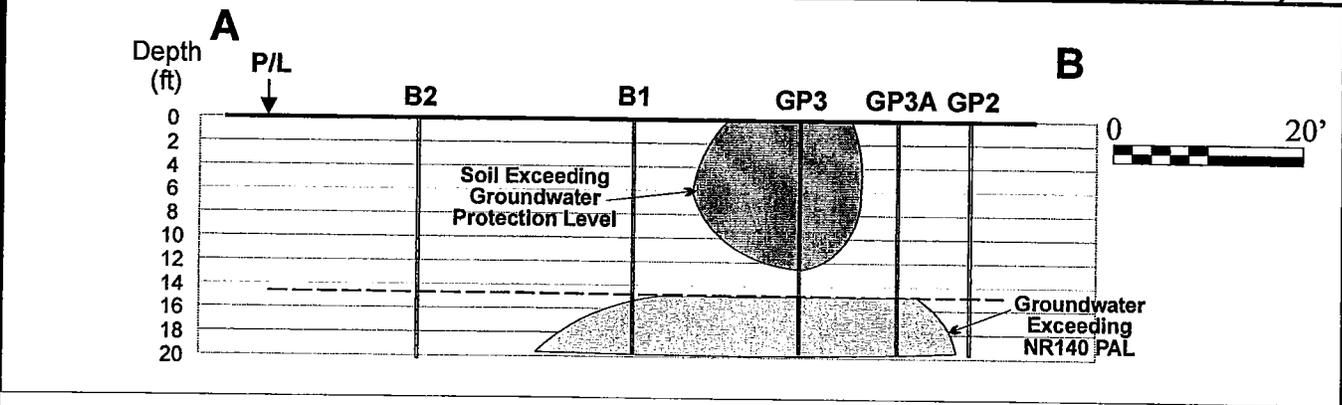
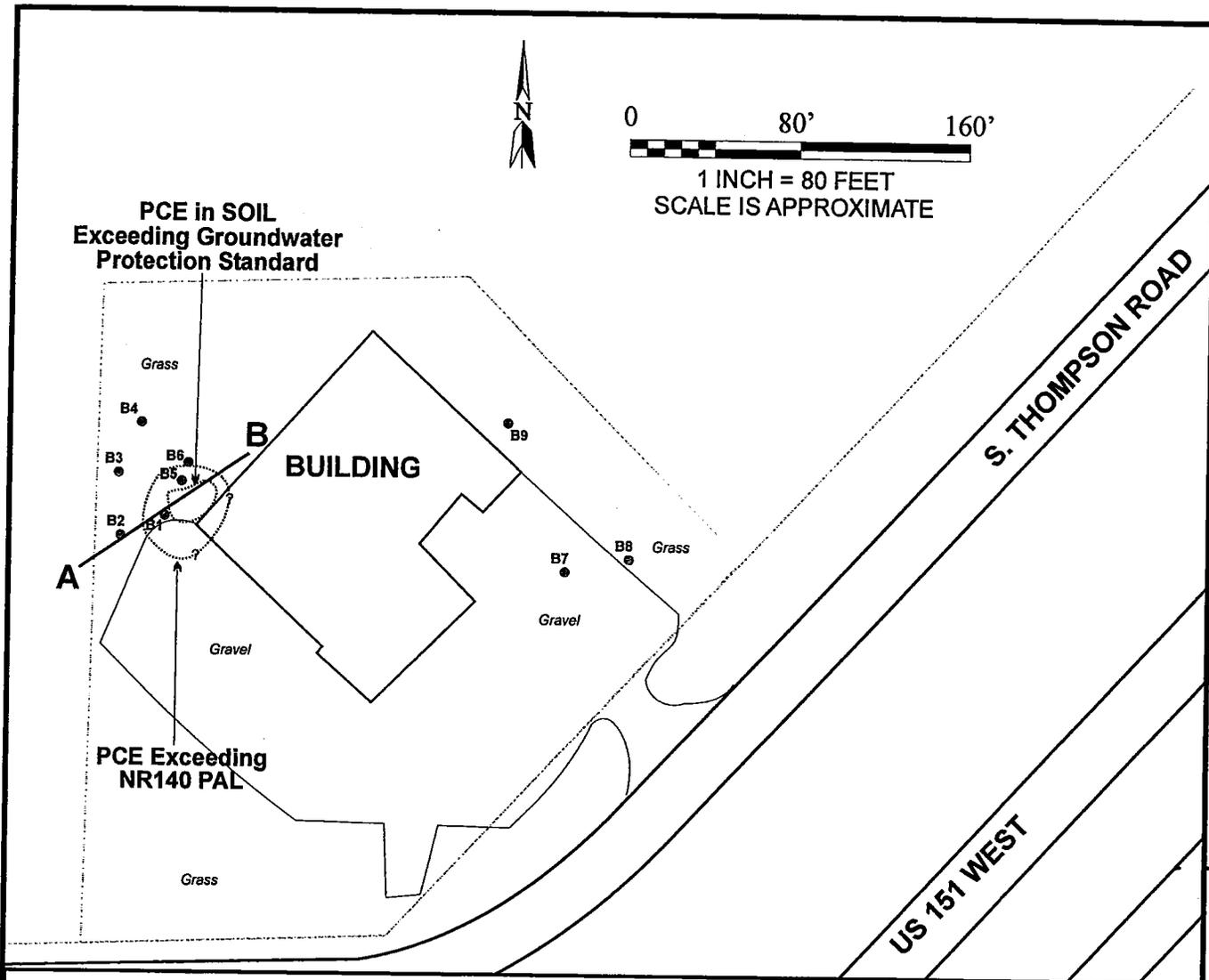
1 INCH = 50 FEET  
SCALE IS APPROXIMATE

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DATE: 11/11/2008  
PREPARED: MDF APPROVED:  
SOURCE:

**SEYMOUR  
ENVIRONMENTAL  
SERVICES, INC.**

**SOIL CONTAMINATION  
J&L ENTERPRISES PROPERTY  
666 S. Thompson Road  
Sun Prairie, Wisconsin**

**FIGURE  
3**

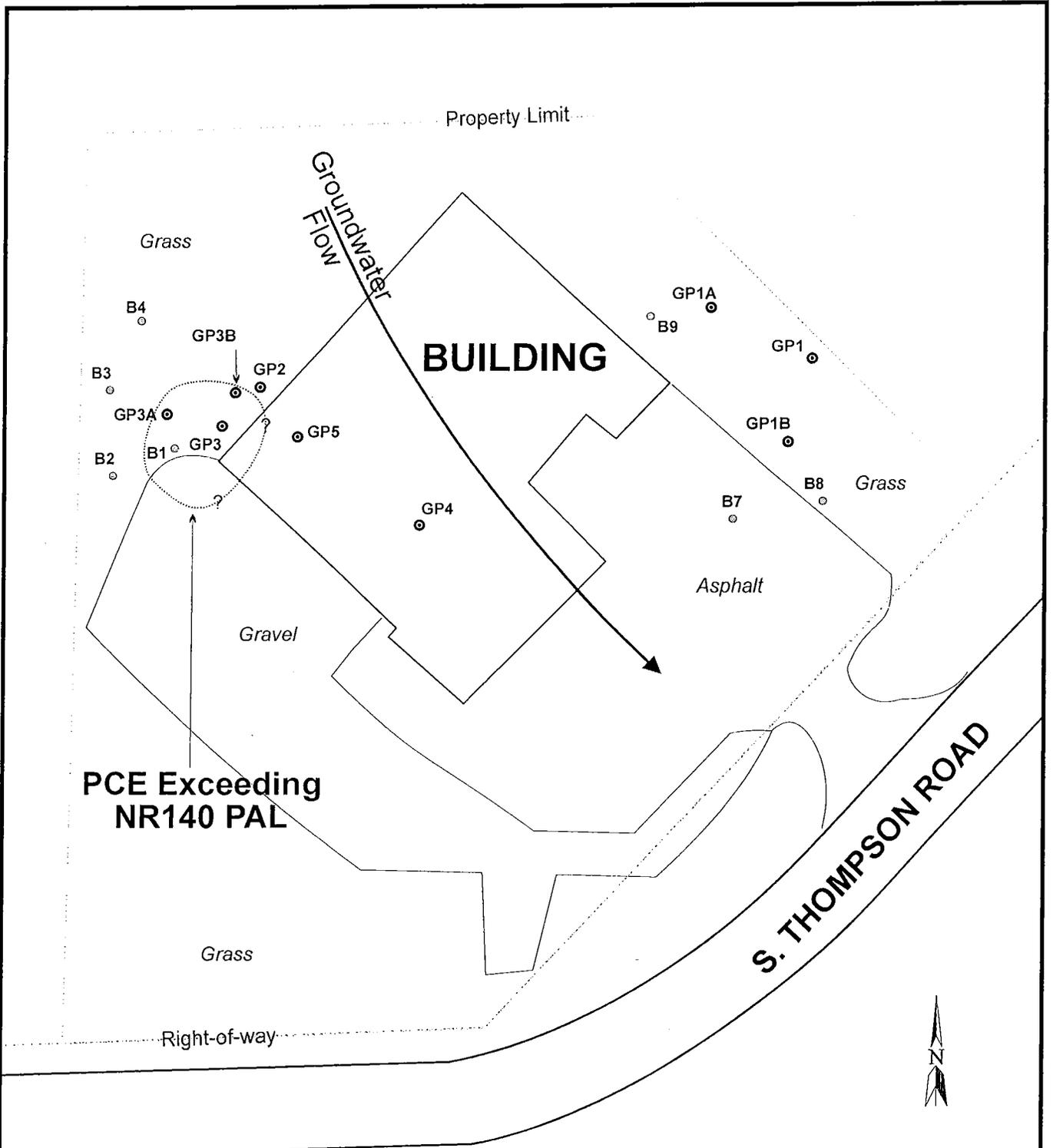


FILE/PATH: D:\PROJECTS\J&L\Section-cont.cdr  
 DATE: 12/14/2009  
 PREPARED: MDF APPROVED:  
 SOURCE:

**SEYMOUR ENVIRONMENTAL SERVICES, INC.**

**CROSS-SECTION SHOWING CONTAMINATION  
 J&L ENTERPRISES  
 666 Thompson Road  
 Sun Prairie, Wisconsin**

**FIGURE  
 4**



**LEGEND**

- - Sampling Location (Ivertch)
- B5 ◊ - Soil Geoprobe
- B1 ◉ - Temporary Monitoring Well

0 50' 100'

1 INCH = 50 FEET  
SCALE IS APPROXIMATE

FILE/PATH: D:\PROJECTS\VACEMUFFLER\  
Site-layout.cdr  
DATE: 11/11/2008  
PREPARED: MDF APPROVED:  
SOURCE:

SEYMOUR  
ENVIRONMENTAL  
SERVICES, INC.

GROUNDWATER SAMPLING INFORMATION  
J&L ENTERPRISES  
666 Thompson Road  
Sun Prairie, Wisconsin

FIGURE  
**E2**

Table 1  
SUMMARY OF SOIL ANALYTICAL DATA  
J&L Enterprises Property - 666 S. Thompson Road - Sun Prairie, WI

Date	March 2009				May 2009	October 2009						Groundwater Protection Standard
Location	GP-2	GP-3	GP-4	GP-5	GP-3A	B-1	B-2	B-3	B-4	B-5	B-6	
Depth (ft)					3-4	3-4	1-2	2-3	1-2	2.5-5	3-4	
DRO	<4.89	<4.83	<4.92	<4.92	na	na	na	na	na	na	na	100
Benzene	<10.0	<10.0	na	na	<10.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	5.5
Ethylbenzene	<15.0	<15.0	na	na	<15.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	2900
Toluene	<41.0	<41.0	na	na	<41.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	1500
Total Xylenes	<100.0	<100.0	na	na	<100.0	<75.0	<75.0	<75.0	<75.0	<75.0	<75.0	4100
MTBE	<84.0	<84.0	na	na	<84.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	ns
Tetrachloroethylene	<28.0	<b>38.4</b>	na	na	<28.4	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	14 *
Trichloroethylene	<29.0	<29.0	na	na	<29.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	14 *
cis 1,2 dichloroethylene	<26.0	<26.0	na	na	<26.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	130 *
Chloromethane	60.7	67.3	na	na	<32.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	156 *
Naphthalene	25.7	<17.0	na	na	<17.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	400
Bromomethane	<100.0	<b>216</b>	na	na	<100.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	
1,2,3 trichlorobenzene	<23.0	<27.0	na	na	<b>37.8</b>	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	

- Samples analyzed for VOCs, only select compounds included in table  
- DRO is listed in mg/kg; all other values are listed in ug/l  
- na = not analyzed

- Groundwater Protection Standards = NR720 RCLs or \*USEPA Region V risk-based screening level method (WDNR defaults)  
- ns = no standard established

ATTACHMENT E1  
SUMMARY OF GROUNDWATER ANALYTICAL DATA  
J&L Enterprises Property - 666 S. Thompson Road - Sun Prairie, WI

Well	Temporary Sampling Points					Monitoring Wells								NR140	
	Date	May 2009				October 2009									
	March 2009	GP-1	GP-1A	GP-1B	GP-3A	GP-3B	B-1	B-2	B-3	B-4	B-7	B-8	B-9	PAL	ES
Benzene	<1.50	0.47	0.57	0.52	0.45	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	0.5	5
Ethylbenzene	<1.00	0.40	0.49	0.50	0.39	<0.54	<0.54	<0.54	<0.54	<0.54	<0.54	<0.54	<0.54	140	700
Toluene	3.19	1.53	2.38	1.67	1.62	<0.67	0.71	0.80	0.92	<0.67	<0.67	0.73	200	1000	
Total Xylenes	4.75	1.29	1.85	1.32	1.02	<2.63	<2.63	<2.63	<2.63	<2.63	<2.63	<2.63	1000	10000	
MTBE	<2.50	<0.50	<0.50	<0.50	<0.50	<0.61	<0.61	<0.61	<0.61	<0.61	<0.61	<0.61	12	60	
Tetrachloroethylene	<1.50	<0.30	<0.30	<b>13.2</b>	<b>6.87</b>	1.3	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	0.5	5	
Trichloroethylene	<2.00	<0.40	<0.40	<0.40	<0.40	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	0.5	5	
cis 1,2 dichloroethylene	17.3	0.42	<0.40	<0.40	<0.40	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	7	70	
trans 1,2 dichloroethylene	<1.00	<0.50	<0.50	<0.50	<0.50	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	20	100	
Vinyl chloride	<1.00	<0.20	<0.20	<0.20	<0.20	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	0.02	0.2	
1,1,1 trichloroethane	<1.00	<0.50	<0.50	<0.50	<0.50	<0.90	<0.90	<0.90	<0.90	<0.90	<0.90	<0.90	40	200	
1,1 dichloroethane	<1.00	<0.40	<0.40	<0.40	<0.40	<0.75	<0.75	<0.75	<0.75	<0.75	<0.75	<0.75	85	850	
1,2 dichloroethane	<1.50	<0.30	<0.30	<0.30	<0.30	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	0.5	5	
Chloromethane	<2.00	<0.40	<0.40	<0.40	<0.40	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	0.3	3	
1,2,4 Trimethylbenzene	1.17	0.51	0.56	0.50	0.33	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	96*	480*	
1,3,5 Trimethylbenzene	<1.00	<0.20	0.22	0.40	<0.20	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	96*	480*	
p-isopropyltoluene	3.71	<0.40	<0.40	<0.40	<0.40	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67	ns	ns	
Bromochloromethane	<2.00	<0.40	<0.40	<0.40	0.63	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	ns	ns	
Dichlorofluoromethane	<1.50	0.40	<0.40	<0.40	<0.40	<0.99	<0.99	<0.99	<0.99	<0.99	<0.99	<0.99	0.06	0.6	

- Samples analyzed for VOCs, only select compounds included in table  
- All concentrations are listed in ug/l  
- na = not analyzed

- NR140 PAL = Preventative action level (exceedances italicized)  
- NR140 ES = Enforcement standard (exceedances bold)  
- ns = no standard established