

**GIS REGISTRY**  
Cover Sheet

August 2011  
(RR-5367)

**Source Property Information**

CLOSURE DATE:

**BRRTS #:**

**ACTIVITY NAME:**

**PROPERTY ADDRESS:**

**MUNICIPALITY:**

**PARCEL ID #:**

**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:**

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

**Land Use Controls:**

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

**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 #:**                      **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 #: 6**                      **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 #: 5**                      **Title: Contamination Soil Sampling Results**

BRRTS #: 02-14-001619

ACTIVITY NAME: Phelon 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 #: 3-1 Title: Cross-section of subsurface soils

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 #: 7 Title: Groundwater Isoconcentrations, TCA and DCE

- 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 #: 1 Title: Water Table Elevations, May 9, 1996 and March 17, 1999

Figure #: 9 Title: Piezometric Elevation October 15, 2007

**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 #: 4 Title: Excavation 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 #: 2 Title: Groundwater Analytical Results

- 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 #: 1 Title: Groundwater Elevation Results

**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).

BRRS #: 02-14-001619

ACTIVITY NAME: Phelon 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: 1**

**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: 1**

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BRRTS #:

ACTIVITY NAME:

ID	Off-Source Property Address	Parcel Number	WTM X	WTM Y
<input type="text" value="A"/>	<input type="text" value="999 N Water St, Lomira, WI"/>	<input type="text" value="146-1317-1514-009"/>	<input type="text" value="645853"/>	<input type="text" value="348042"/>
<input type="text" value="B"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<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  
South Central Region Headquarters  
3911 Fish Hatchery Road  
Fitchburg WI 53711-5397

Scott Walker, Governor  
Cathy Stepp, Secretary  
Telephone 608-275-3266  
FAX 608-275-3338  
TTY Access via relay - 711



September 19, 2012

Mr. Ted Fleisner  
Badger Corporation, Inc.  
990 Richard Street  
Lomira, WI 53048

R.E. Phelon Company, Inc.  
P.O. Box 1198  
Aiken, S.C. 29801  
Attn: Mr. David Mosier

**KEEP THIS DOCUMENT WITH YOUR PROPERTY RECORDS**

SUBJECT: Final Case Closure with Continuing Obligations  
Phelon Co., 990 Richard Street, Lomira, WI  
WDNR BRRTS Activity #: 02-14-001619

Dear Mr. Fleisner:

The Department of Natural Resources (DNR) considers the Phelon Co. site 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 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 South Central Region Closure Committee reviewed the request for closure on November 30, 2011. The Closure Committee reviews environmental remediation cases for compliance with state laws and standards to maintain consistency in the closure of these cases. A conditional closure letter was issued by the DNR on December 2, 2011, and documentation that the conditions in that letter were met was received on September 13, 2012.

This former manufacturing facility had soil and groundwater contamination from the chlorinated solvent 1,1,1-trichloroethane (TCA) and from breakdown products of TCA. Remedial responses included soil excavation. The conditions of closure and continuing obligations required were based on the property being used for commercial purposes.

### Continuing Obligations

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

- Groundwater contamination is present above ch. NR 140, Wis. Adm. Code enforcement standards.
- Residual soil contamination exists that must be properly managed if it is excavated or removed.
- Pavement, an engineered cover or a soil barrier must be maintained over contaminated soil and the DNR must approve any changes to this barrier.
- If a structural impediment that obstructed a complete site investigation or cleanup is removed or modified, additional environmental work must be completed.

### GIS Registry

This site will be listed on the Remediation and Redevelopment Program's internet accessible Geographic Information System (GIS) Registry, to provide notice of residual contamination and of any continuing obligations. DNR approval prior to well construction or reconstruction is required for all sites shown on the GIS Registry, in accordance with s. NR 812.09(4) (w), Wis. Adm. Code. 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.

All site information is also on file at the South Central Region DNR office, at 3911 Fish Hatchery Road, Fitchburg, WI, 53711. 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>.

### 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 at the location of the existing building and at the location of the 30x130 foot asphalt cap along the southeast side of the building as shown on the attached map, 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 covered or paved areas;
- plowing for agricultural cultivation;
- construction or placement of a building or other structure;

### Closure Conditions

Compliance with the requirements of this letter is a responsibility to which you and any subsequent property owners must adhere. DNR staff will conduct periodic prearranged

inspections to ensure that the conditions included in this letter and the attached maintenance plans are met. 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.

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

Groundwater contamination greater than enforcement standards is present both at this contaminated property and off this contaminated property, as shown on the attached map. Affected property owners have been notified of the presence of groundwater contamination. If you intend to construct a new well, or reconstruct an existing well, you will need prior DNR approval.

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

Soil contamination remains in the vicinity of EB-1, EB-3, and ES-6 as indicated on the attached map. 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.

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

The pavement that exists along the southeast side of the building as shown on the attached map 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, and to prevent direct contact with residual soil contamination that might otherwise pose a threat to human health.

At this site, the building is considered a structural impediment, and additional investigation and response requirements apply as described in the section titled Structural Impediments.

A cover or barrier for industrial land uses, or certain types of commercial land uses may not be protective if use of the property changes 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.

The attached maintenance plan and inspection log are to be kept up-to-date and on-site. Submit the inspection log to the DNR only upon request.

Structural Impediments (s. 292.12 (2) (b), Wis. Stats.)

The existing building shown on the attached map made complete investigation and/or remediation of the soil contamination on this property impracticable. If the structural impediment will be removed, the property owner shall notify the DNR before removal, and conduct an investigation of the degree and extent of chlorinated solvent contamination below the structural impediment after it has been removed. If contamination is found at that time, the contamination shall be properly remediated in accordance with applicable statutes and rules.

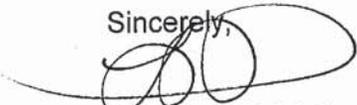
The DNR fact sheet, "Continuing Obligations for Environmental Protection", RR-819, is included with this letter, to help explain a property owner's responsibility for continuing obligations on their property. If the fact sheet is lost, you may obtain a copy at <http://dnr.wi.gov/files/PDF/pubs/rr/RR819.pdf>.

Please send written notifications in accordance with the above requirements to the South Central Region Remediation and Redevelopment Program, to the attention of Wendy Weihemuller.

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 Randy Maass at (608) 275-3224.

Sincerely,



Linda Hanefeld, Team Supervisor  
South Central Region Remediation & Redevelopment Program

Attachments:

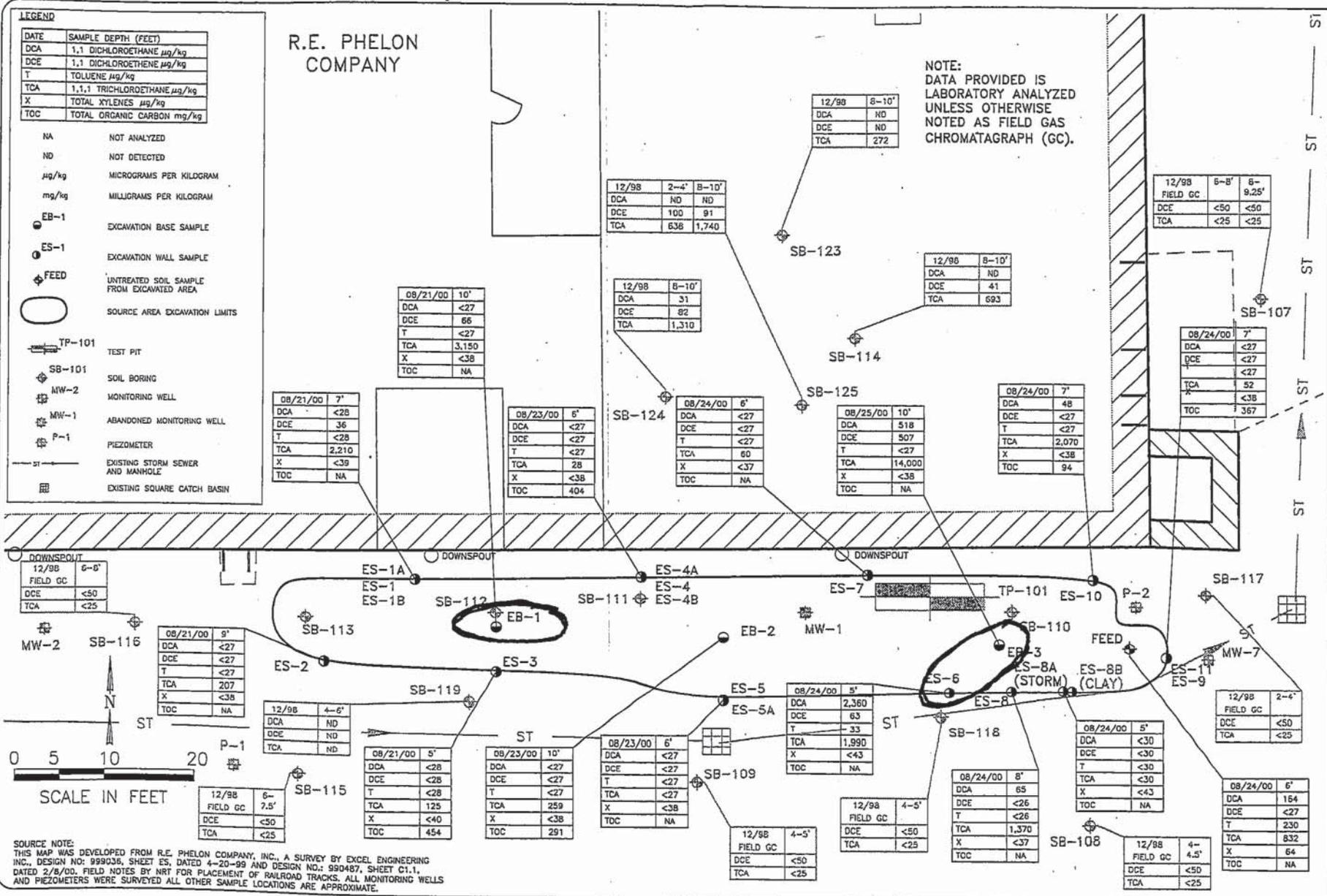
- remaining groundwater contamination map
- remaining soil contamination map
- extent of cap map
- structural impediments location map
- maintenance plan
- RR 819

cc: Bjorn Lysne, Alpha Terra, 1237 Pilgrim Road, Plymouth WI 53073



Approximate extent of soil contamination > SSRCLs

# Remaining soil contamination



DATE: 02/22/01  
 DATE: 03/26/01  
 DATE: 04/12/01

DRAWN BY: TAS  
 CHECKED BY: HMS  
 APPROVED BY: LJP

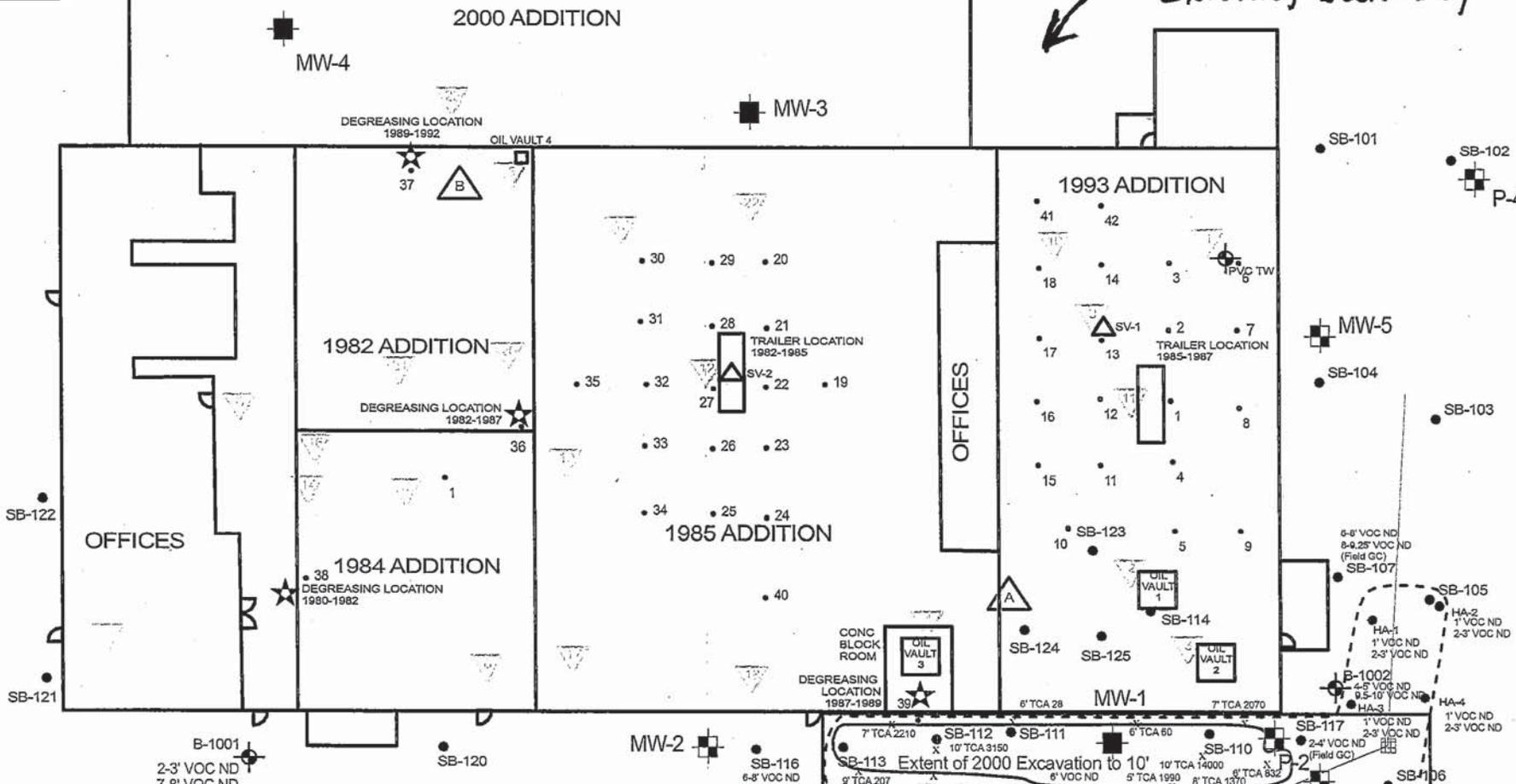
AUTOCAD FILE: 1015-B55.DWG

**CONFIRMATION SOIL SAMPLING RESULTS**  
 REMEDIAL ACTION DOCUMENTATION REPORT  
 R.E. PHELON COMPANY, INC.  
 LOMIRA, WISCONSIN

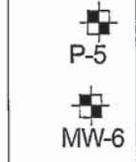
**Natural Resource Technology**

PROJECT NO. 1015/7.5  
 DRAWING NO. 1015-B55  
 FIGURE NO. 5

Structural Impediment  
existing building



OFF SITE TO EAST

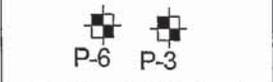


**LEGEND**

- SB-121 SOIL BORING 1993 to 2008
- B-1001 SOIL BORING AND GRAB WATER LOCATION MAY 2010
- ▲ 1 LITER VAPOR CANNISTER SAMPLE MAY 2010
- PID AIR MONITORING LOCATION MAY 2010
- HA-1 HAND AUGER BORING SAMPLE
- × EXCAVATION PERIMETER SOIL SAMPLE
- SOIL CHEMISTRY  
VOC ND No Detect  
TCA 2070 1,1,1-Trichloroethane Conc (ug/kg)
- WELL OR PIEZOMETER  
SOLID = ABANDONED

Asphalt Cap to be Maintained

OFF SITE TO SOUTH



Pavement Cover  
30' x 130'

SITE: RE PHELON / BADGER CORPORATION  
LOMIRA, WI

TITLE: SITE LAYOUT AND TEST LOCATIONS

REV:	DATE:	DESCRIPTION:	APPVD.:



DATE: 5/17/10  
DWG #: ... sitemap.sld  
DRAWN BY: IKZK  
FIGURE 2

## **CAP MAINTENANCE PLAN**

August 12, 2011

### **Property Located at:**

990 Richard Street  
Lomira, WI 53048

FID # 114066700  
WDNR BRRTS # 02-14-001619

LEGAL DESCRIPTION: PT SE1/4 NE1/4 SEC 15 BEG 259.87 FT W OF SE COR  
SD ¼ 1/4 TH CONT W 348.46 FT TH N 623 FT TH E  
349.34 FT TH S 622.98 FT TO POB DESC IN V546 P27

Parcel/Pin Number 146-1317-1514-001

### **Introduction**

This document is the Maintenance Plan for a pavement cap at the above-referenced property in accordance with the requirements of s. NR 724.13(2), Wisconsin Administrative Code. The maintenance activities relate to the paved surface occupying the area over the contaminated soil on-site.

More site-specific information about this property may be found in:

- The case file in the DNR South Central regional office
- BRRTS on the Web (DNR's internet based data base of contaminated sites): <http://dnr.wi.gov/botw/SetUpBasicSearchForm.do>
- GIS Registry PDF file for further information on the nature and extent of contamination: <http://dnrmaps.wisconsin.gov/imf/imf.jsp?site=brrts2>; and
- The DNR project manager for Dodge County.

### **Description of Contamination**

Soil contaminated by 1,1-dichloroethane and 1,1,1-trichloroethane is located at a depth of between 5 and 10 feet below ground surface south of the southeast corner of the building on the above-referenced property. Groundwater contaminated by 1,1-dichloroethane and 1,1,1-trichloroethane is located at a depth of approximately 20 feet below ground surface south and east of the building on the above-referenced property and off-site to the east. The extent of the soil and groundwater contamination is shown on the attached Natural Resource Technology Figures 4, 5, and 7.

### **Description of the Pavement Cover to be Maintained**

The Cover consists of one 3-inch machine-paved single compacted lift re grind asphalt pavement layer. It is located south of the southeast corner of the building on the above-referenced property as shown on the attached Alpha Terra Figure 1.

### **Cover Barrier Purpose**

The paved surface over the contaminated soil serves as a barrier to prevent direct human contact with residual soil contamination that might otherwise pose a threat to human health. This paved surface also acts as a partial infiltration barrier to minimize future soil-to-groundwater contamination migration that would violate the groundwater standards in ch. NR 140, Wisconsin Administrative Code. Based on the current and future use of the property, the barrier should function as intended unless disturbed.

### **Annual Inspection**

The paved surface overlying the contaminated soil (as depicted in Figure 1) will be inspected once a year, normally in the spring after all snow and ice is gone, for deterioration, cracks and other potential problems that can cause additional infiltration into or exposure to underlying soils. The inspections will be performed to evaluate damage due to settling, exposure to the weather, wear from traffic, increasing age and other factors. Any area where soils have become or are likely to become exposed and where infiltration from the surface will not be effectively minimized will be documented. A log of the inspections and any repairs will be maintained by the property owner and is included as Exhibit B, Barrier Inspection and Maintenance Log. The log will include recommendations for necessary repair of any areas where underlying soils are exposed and where infiltration from the surface will not be effectively minimized. Once repairs are completed, they will be documented in the inspection log. A copy of the inspection log will be kept at the address of the property owner and available for submittal or inspection by Wisconsin Department of Natural Resources ("WDNR") representatives upon their request.

### **Maintenance Activities**

If problems are noted during the annual inspections or at any other time during the year, repairs will be scheduled as soon as practical. Repairs can include patching and filling or larger resurfacing or construction operations. In the event that necessary maintenance activities expose the underlying soil, the owner must inform maintenance workers of the direct contact exposure hazard and provide them with appropriate personal protection equipment ("PPE"). The owner must also sample any soil that is excavated from the site prior to disposal to ascertain if contamination remains. The soil must be treated, stored and disposed of by the owner in accordance with applicable local, state and federal law.

In the event the pavement cover overlying the contaminated soil is removed or replaced, the replacement barrier must be equally impervious. Any replacement barrier will be subject to the same maintenance and inspection guidelines as outlined in this Maintenance Plan unless indicated otherwise by the WDNR or its successor.

The property owner, in order to maintain the integrity of the pavement cover, will maintain a copy of this Maintenance Plan on-site and make it available to all interested parties (i.e. on-site employees, contractors, future property owners, etc.) for viewing.

### **Prohibition of Activities and Notification of DNR Prior to Actions Affecting the Cover**

The following activities are prohibited on any portion of the property where pavement is required as shown on the attached map, unless prior written approval has been obtained from the Wisconsin Department of Natural Resources:

- 1) removal of the existing barrier;
- 2) replacement with another barrier;
- 3) excavating or grading of the land surface;
- 4) filling on paved areas;
- 5) plowing for agricultural cultivation; or
- 6) construction or placement of a building or other structure.

### **Amendment or Withdrawal of Maintenance Plan**

This Maintenance Plan can be amended or withdrawn by the property owner and its successors with the written approval of WDNR.

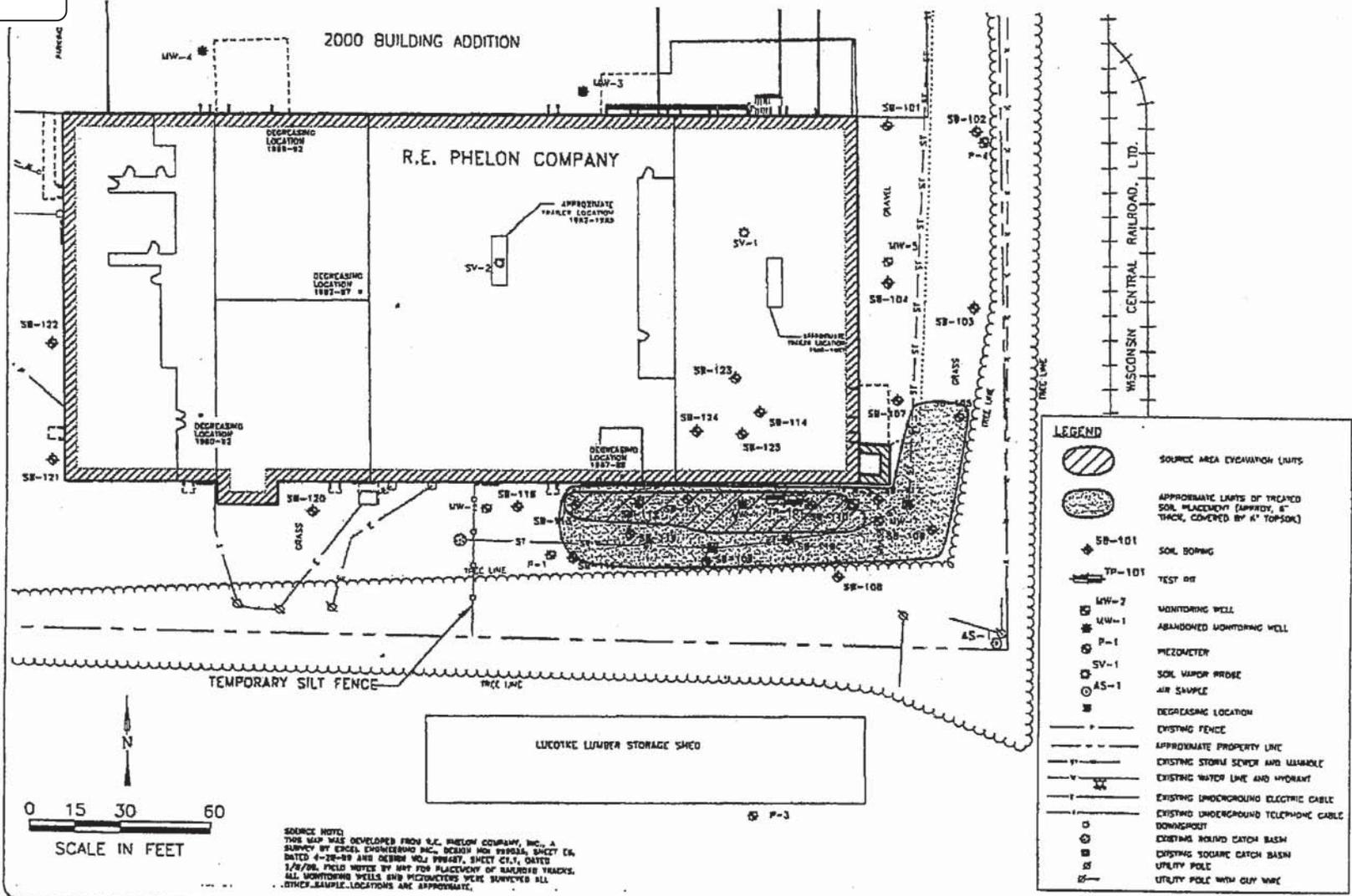
### **Contact Information**

August 2011

Site Owner and Operator:     Badger Corporation, Inc.  
  P.O. Box 247  
  Theresa, WI 53091  
  Attn: Mr. Theodore W. Fleisner, CEO  
  (920) 488-2110

Consultant:                     Alpha Terra Science  
  1237 Pilgrim Road  
  Plymouth, WI 53073  
  (920) 892-2444

WDNR:                         Mr. Randall Maass  
  South Central Region Headquarters  
  3911 Fish Hatchery Road  
  Fitchburg, WI 53711-5397  
  (608) 275-3266



**SOURCE NOTES**  
 THIS MAP WAS DEVELOPED FROM R.E. PHELON COMPANY, INC. A SURVEY BY EGCEL ENGINEERING INC., DECAH MOH PARSONS, SHEET 04, DATED 4-28-89 AND DECAH HOLD PROJECT, SHEET 01, DATED 1/8/90. FIELD NOTES BY HPP FOR PLACEMENT OF SLOTTED TRACKS. ALL MONITORING WELLS AND PIEZOMETERS WERE SURVEYED ALL OTHER SAMPLE LOCATIONS ARE APPROXIMATE.

**LEGEND**

	SOURCE AREA EVALUATION (LIMITS)
	APPROXIMATE LIMITS OF TREATED SOIL PLACEMENT (APPROX. 6" THICK, COVERED BY 6" TOPSOIL)
	SOIL BORING
	TEST PIT
	MONITORING WELL
	ABANDONED MONITORING WELL
	PIEZOMETER
	SOIL VAPOR PROBE
	AIR SAMPLE
	DEGREASING LOCATION
	EXISTING FENCE
	APPROXIMATE PROPERTY LINE
	EXISTING STORM SEWER AND LEACHATE
	EXISTING WATER LINE AND HYDRANT
	EXISTING UNDERGROUND ELECTRIC CABLE
	EXISTING UNDERGROUND TELEPHONE CABLE
	DOWNDROPT
	EXISTING ROUND CATCH BASIN
	EXISTING SQUARE CATCH BASIN
	UTILITY POLE
	UTILITY POLE WITH GUY WIRE

EXCAVATION AREA  REMEDIAL ACTION DOCUMENTATION REPORT R.E. PHELON COMPANY, INC. LOMIRA, WISCONSIN	DRAWN BY: TAS      DATE: 02/22/01
	CHECKED BY: HUS      DATE: 03/26/01
	APPROVED BY: LJP      DATE: 04/17/01
	AUTOCAD FILE: 1015-B53.DWG
	PROJECT NO. 1015/73
DRAWING NO. 1015-B53	FIGURE NO. 4

R.E. PHELON COMPANY

NOTE: DATA PROVIDED IS LABORATORY ANALYZED UNLESS OTHERWISE NOTED AS FIELD GAS CHROMATOGRAPH (GC).

DATE	SAMPLE DEPTH (FEET)
DCA	1,1 DICHLOROMETHANE mg/m <sup>3</sup>
DCE	1,1 DICHLOROETHENE mg/m <sup>3</sup>
T	TOLUENE mg/m <sup>3</sup>
TCA	1,1,1 TRICHLOROETHANE mg/m <sup>3</sup>
V	TOTAL HYDROCARBONS mg/m <sup>3</sup>
TDC	TOTAL ORGANIC CARBON mg/m <sup>3</sup>

NA	NOT ANALYZED
ND	NOT DETECTED
mg/m <sup>3</sup>	MICROGRAMS PER CUBIC METER
mg/m <sup>3</sup>	MILLIGRAMS PER CUBIC METER
EB-1	EVAPORATION BASK SAMPLE
ES-1	EVAPORATION WELL SAMPLE
FEED	UNWEIGHTED SOIL SAMPLE FROM EXCAVATED AREA
○	SOURCE AREA EXCAVATION LIMITS
TP-101	TEST PIT
SB-101	SOIL BORING
MW-2	MONITORING WELL
MW-1	ABANDONED MONITORING WELL
P-1	PRECIPITATION
ST	STORM SEWER AND MANHOLE
■	EXISTING SQUARE CATCH BASIN

DATE	SAMPLE DEPTH (FEET)
DCA	<28
DCE	36
T	<28
TCA	2,210
V	<38
TDC	NA

DATE	SAMPLE DEPTH (FEET)
DCA	<27
DCE	<27
T	<27
TCA	207
V	<38
TDC	NA

DATE	SAMPLE DEPTH (FEET)
DCA	ND
DCE	ND
T	ND
TCA	ND
TDC	ND

DATE	SAMPLE DEPTH (FEET)
DCA	<27
DCE	<27
T	<27
TCA	125
V	<40
TDC	454

DATE	SAMPLE DEPTH (FEET)
DCA	<27
DCE	<27
T	<27
TCA	259
V	<38
TDC	281

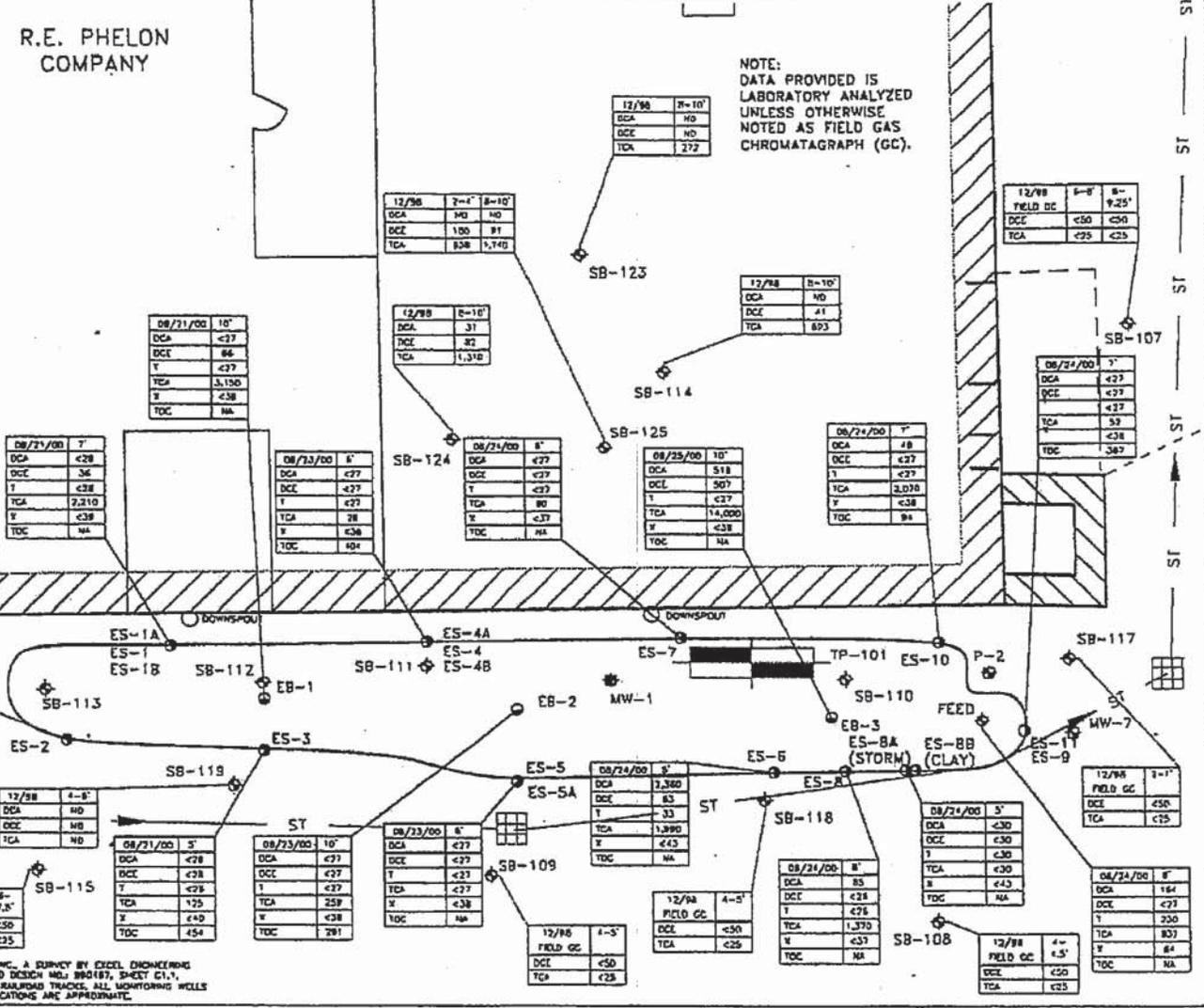
DATE	SAMPLE DEPTH (FEET)
DCA	<27
DCE	<27
T	<27
TCA	1,890
V	<38
TDC	NA

DATE	SAMPLE DEPTH (FEET)
DCA	85
DCE	<28
T	<26
TCA	1,370
V	<37
TDC	NA

DATE	SAMPLE DEPTH (FEET)
DCA	164
DCE	<27
T	230
TCA	807
V	84
TDC	NA



DATE: 02/22/01  
 DRAWN BY: FAS  
 CHECKED BY: HNS  
 APPROVED BY: LJP  
 AUTOCAD FILE: 1015-855.DWG

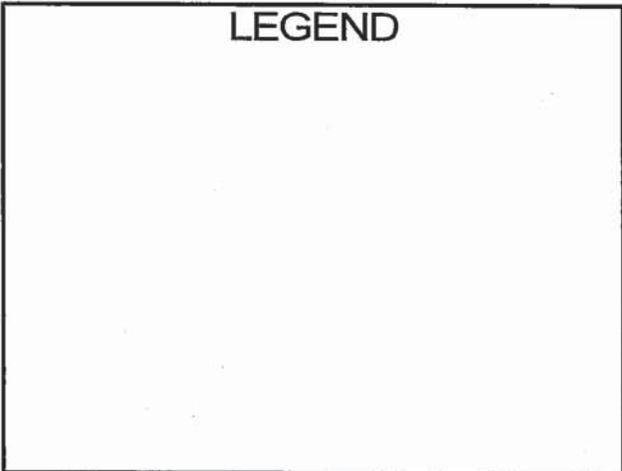
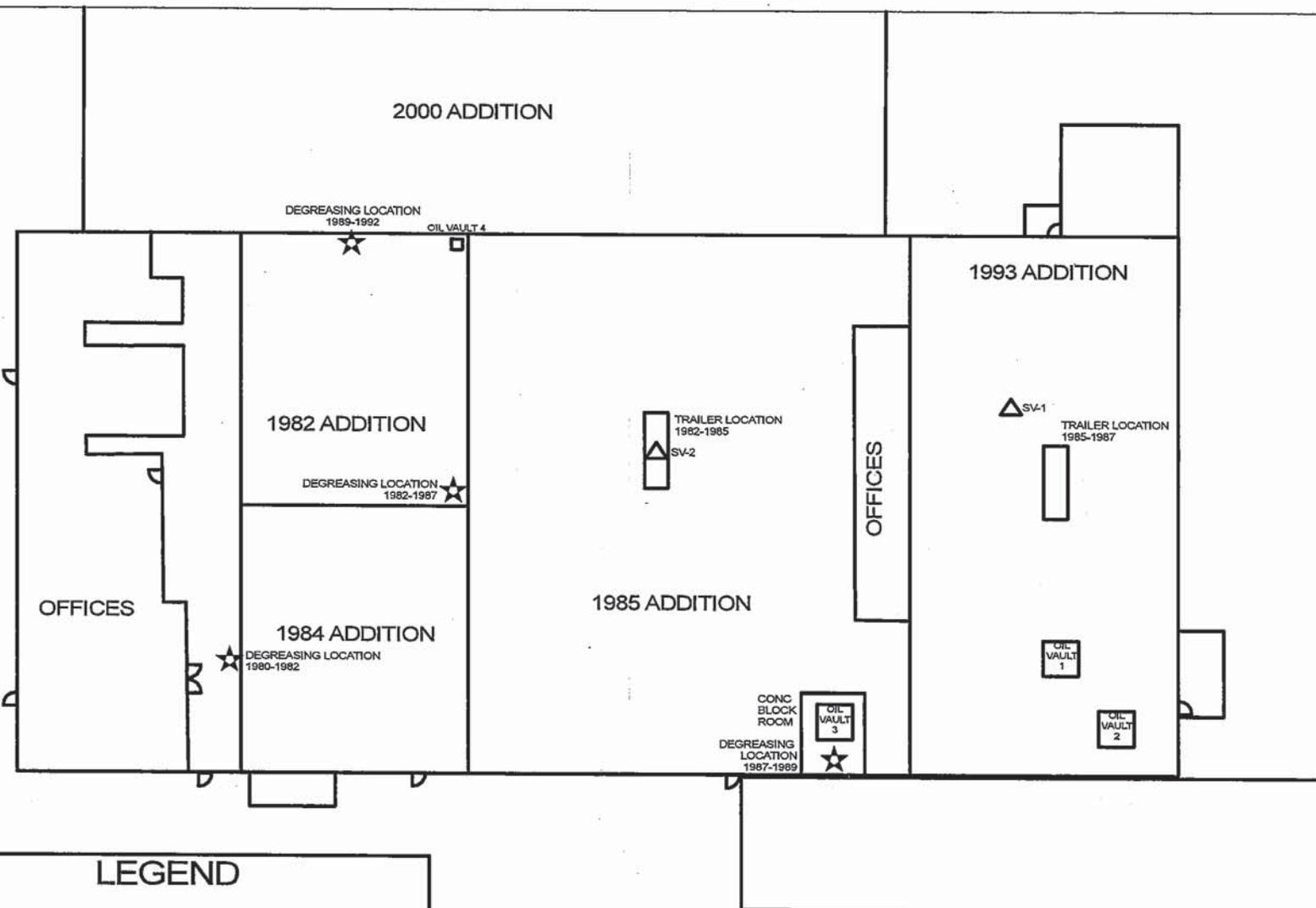
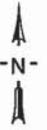
CONFIRMATION SOIL SAMPLING RESULTS  
 REMEDIAL ACTION DOCUMENTATION REPORT  
 R.E. PHELON COMPANY, INC.  
 LOMIRA, WISCONSIN

Natural Resource Technology

PROJECT NO. 1015/7.5  
 DRAWING NO. 1015-855  
 FIGURE NO. 5

SOURCE NOTE:  
 THE MAP WAS DEVELOPED FROM R.E. PHELON COMPANY, INC. A SURVEY BY EXCEL ENGINEERING INC., DESIGN NO. 89904, SHEET ES, DATED 4-20-99 AND DESIGN NO. 890187, SHEET C1.1, DATED 7/8/00. FIELD NOTES BY WRT FOR PLACEMENT OF RAILROAD TRACKS. ALL MONITORING WELLS AND PRECIPITATORS WERE SURVEYED. ALL OTHER SAMPLE LOCATIONS ARE APPROXIMATE.





SITE:		RE PHELON / BADGER CORPORATION LOMIRA, WI		 <b>ALPHA TERRA</b> SCIENCE	
TITLE:					
		ATS PROJECT NUMBER: BCI-2010-01		DATE: 5/17/10	DWG #: ... sitemap.sld
REV:	DATE:	DESCRIPTION:	APPVD.:	DRAWN BY: KZK	FIGURE 1



**State of Wisconsin**  
DEPARTMENT OF NATURAL RESOURCES  
South Central Region Headquarters  
3911 Fish Hatchery Road  
Fitchburg WI 53711-5397

Scott Walker, Governor  
Cathy Stepp, Secretary  
Mark Aquino, Regional Director  
Telephone 608-275-3266  
FAX 608-275-3338  
TTY Access via relay - 711



December 2, 2011

Mr. Theodore Fleisner  
Badger Corporation, Inc.  
990 Richard Street  
Lomira, WI 53048

Subject: Conditional Closure Decision,  
With Requirements to Achieve Final Closure  
Phelon Co., 990 Richard Street, Lomira, Wisconsin  
WDNR BRRTS Activity # 02-14-001619

Dear Mr. Fleisner:

On November 30, 2011, the South Central Region Closure Committee reviewed your request for closure of the case described above. The Closure Committee reviews environmental remediation cases for compliance with state rules and statutes to maintain consistency in the closure of these cases. After careful review of the closure request, the Closure Committee has determined that the chlorinated solvent contamination on the site from the degreasing activities that took place from 1980 to 1992 at several locations on the property 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 at the site must be properly abandoned in accordance with ch. NR 141, Wis. Adm. Code. Documentation of well abandonment must be submitted to me on Form 3300-005, found at <http://dnr.wi.gov/org/water/dwg/gw/> or provided by the Department of Natural Resources.

When the above conditions have been satisfied, please submit the appropriate documentation (for example, well abandonment forms, disposal receipts, copies of correspondence, etc.) to verify that applicable conditions have been met, and your case will be closed. Your site will be listed on the DNR'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/rr/gis/index.htm>.

As part of the approval of the closure of this case, you will be responsible for the following continuing obligations. You must maintain the asphalt cap on the southern side of the building, as is described in the Cap Maintenance Plan that was supplied as part of the closure request. You will also be required to conduct annual inspections of the cap. Documentation of the inspections 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.

We appreciate your efforts to restore the environment at this site. If you have any questions regarding this letter, please contact me at (608) 275-3224.

Sincerely,

*Randy Maass*

Randy Maass  
Hydrogeologist  
Remediation & Redevelopment Program

Enclosure

cc: Mark Murray, Alpha Terra Science, 1237 Pilgrim Road, Plymouth, WI 53073  
David Mosier, Phelon Company., PO Box 1198, Aiken, SC 29801  
Wendy Weihemuller, DNR



**LEGAL DESCRIPTION CERTIFICATION**

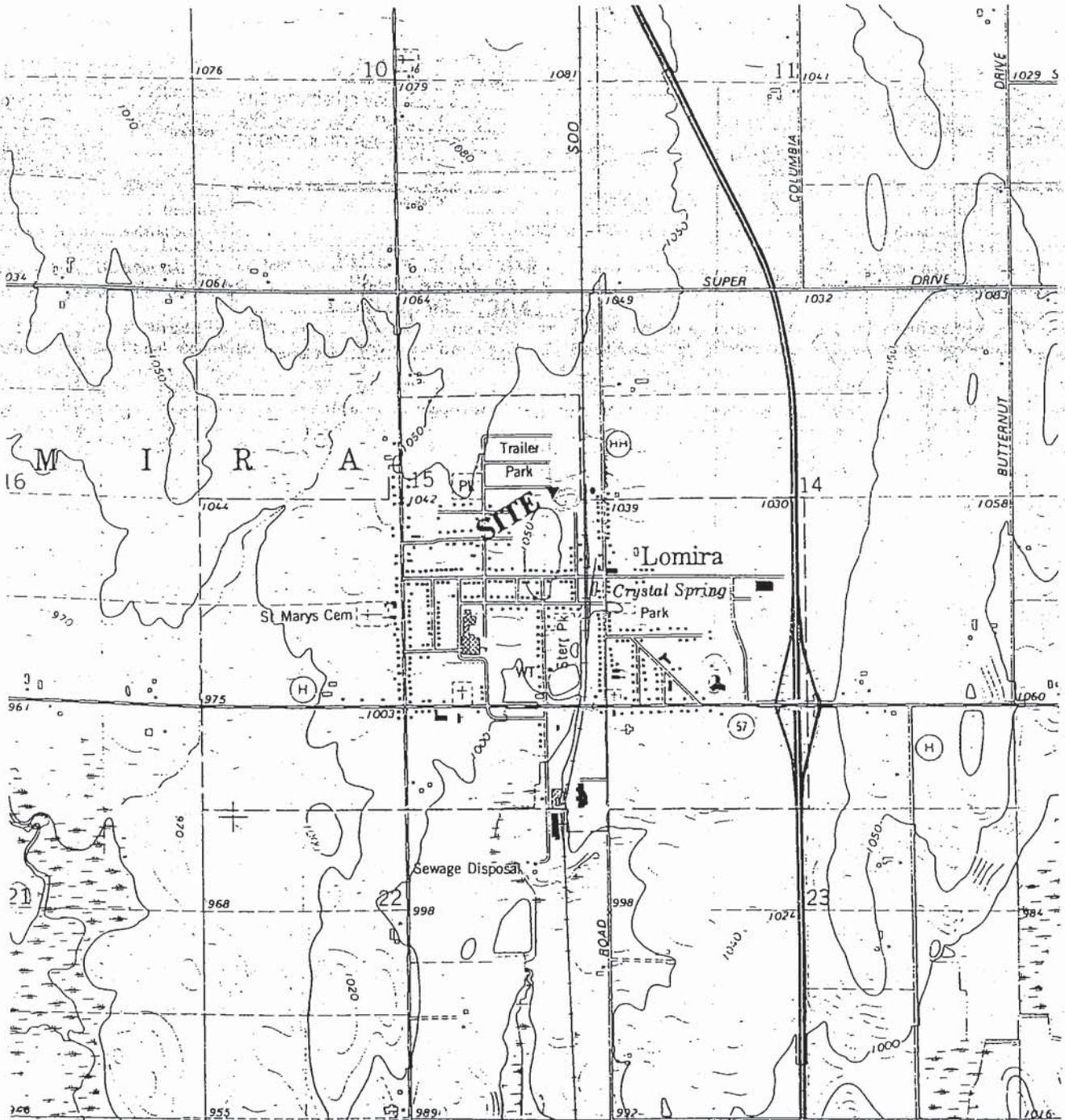


---

Mr. David Prunty  
Operations Manager  
R.E. Phelon Co., Inc.

"I certify that the attached legal description is, to the best of my knowledge,  
complete and accurate."

The site is located at WTM 83/91 Coordinates 645767, 348044 (these coordinates were  
obtained from the WDNR GIS Registry).



SOURCE: USGS 7.5 MINUTE QUADRANGLE,  
LOMIRA. DATED 1974.



0 2000 4000  
SCALE IN FEET  
CONTOUR INTERVAL 10 FEET



Natural  
Resource  
Technology

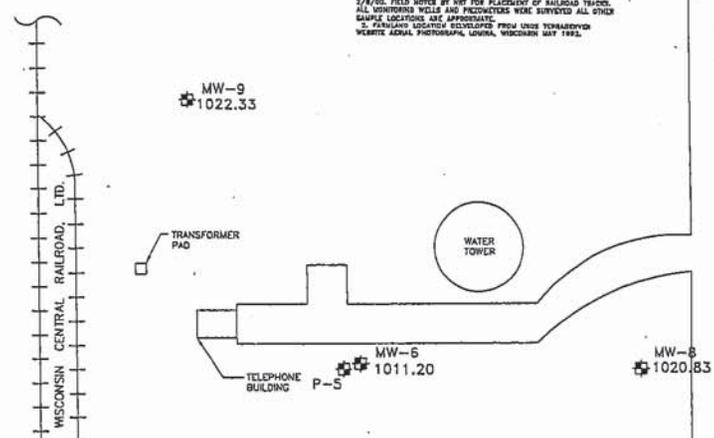
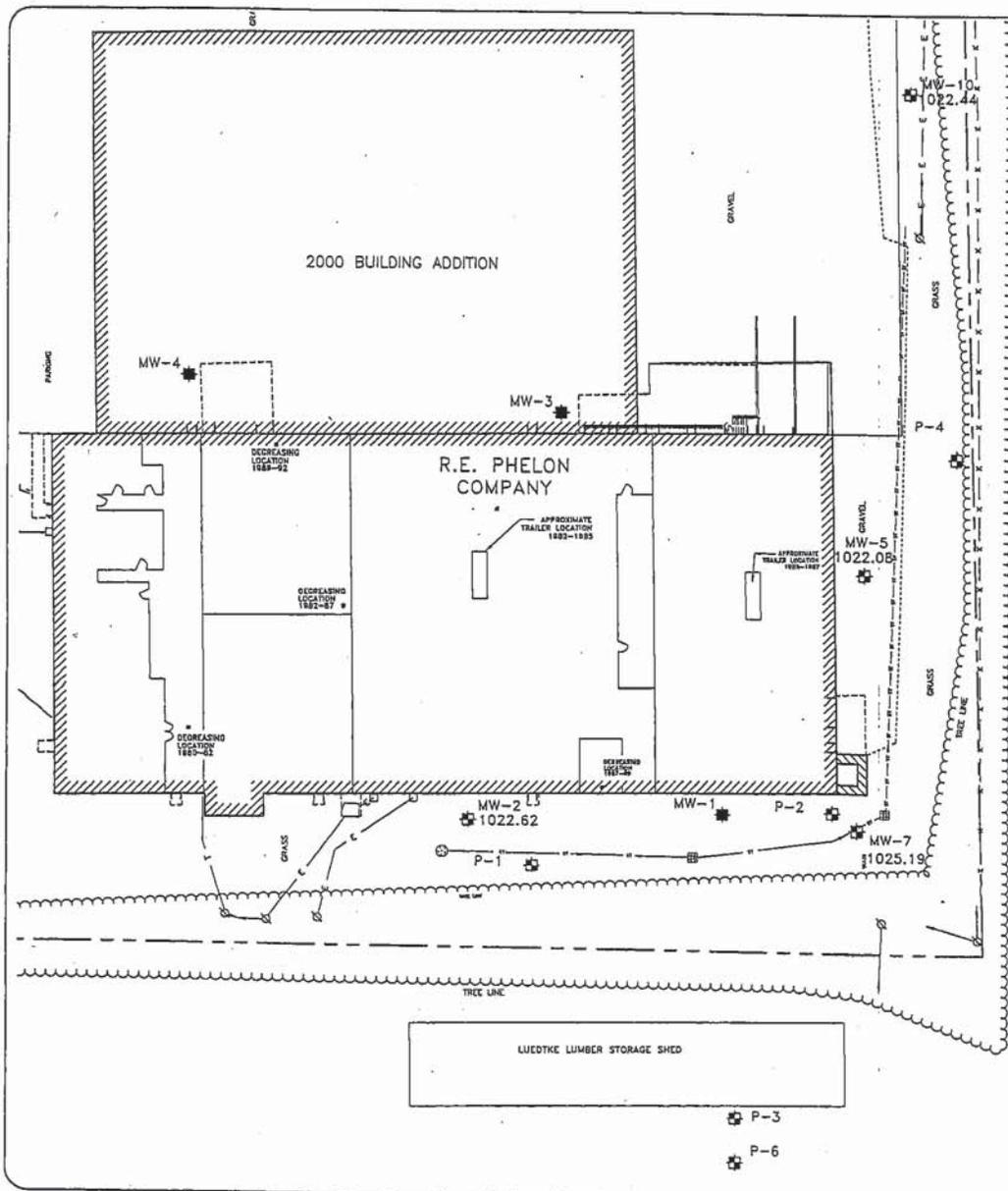
SITE LOCATION MAP

R.E. PHELON CO., INC.  
LOMIRA, WISCONSIN

PROJECT NO.  
1015

DRAWING NO.  
1015-A01

FIGURE NO.  
1



SOURCE NOTE:  
 1. THIS MAP WAS DEVELOPED FROM R.E. PHELON COMPANY, INC. A SURVEY BY EXCEL ENGINEERING INC. DESIGN NO. 88788, SHEET 04, DATED 4/20/89 AND DESIGN #14 PROJECT, SHEET C1.1, DATED 2/8/90. FIELD NOTES BY EXF FOR PLACEMENT OF RAILROAD TRACKS. ALL MONITORING WELLS AND PIEZOMETERS WERE SURVEYED ALL OTHER SAMPLE LOCATIONS ARE APPROXIMATE.  
 2. AIRPHOTO LOCATION DEVELOPED FROM USGS TOPOGRAHY WEBSITE AERIAL PHOTOGRAPH, LOMIRA, WISCONSIN MAY 1992.

LEGEND	
	MW-2 1022.62 MONITORING WELL AND WATER TABLE SURFACE ELEVATION, FT.
	P-1 PIEZOMETER
	MW-1 ABANDONED MONITORING WELL
	DEGREASING LOCATION
	APPROXIMATE PROPERTY LINE
	EXISTING FENCE
	EXISTING STORM SEWER AND MANHOLE
	EXISTING WATER LINE AND HYDRANT
	EXISTING UNDERGROUND ELECTRIC CABLE
	EXISTING UNDERGROUND TELEPHONE CABLE
	EXISTING ROUND CATCH BASIN
	EXISTING SQUARE CATCH BASIN
	UTILITY POLE
	UTILITY POLE WITH GUY WIRE

DRAWN BY:	BUK	DATE:	11/28/07
CHECKED BY:	EPK	DATE:	
APPROVED BY:		DATE:	
DRAWING NO:			1015-85-801
REFERENCE:			

WATER TABLE ELEVATION  
 APRIL 27, 2007  
 GROUNDWATER MONITORING ANNUAL REPORT  
 R.E. PHELON COMPANY, INC.  
 LOMIRA, WISCONSIN

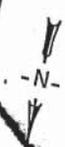


NATURAL  
 RESOURCE  
 TECHNOLOGY

PROJECT NO.  
 1015/8.5

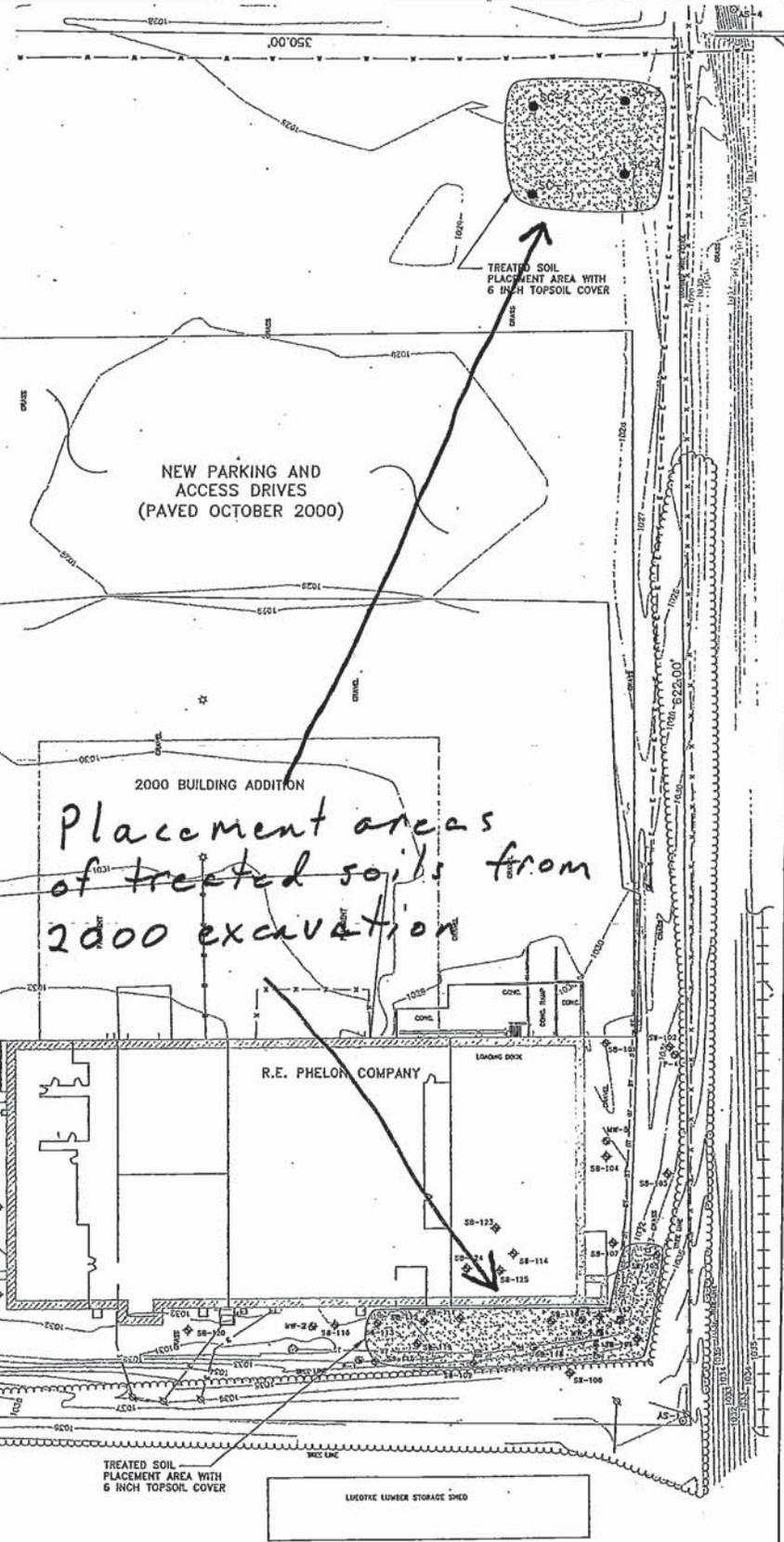
FIGURE NO.  
 6

Site Map

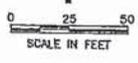


**LEGEND**

WF-1	WORKING WELL
P-1	PIEZOMETER
SB-101	SOIL BUMP
SC-2	SOIL SAMPLE LOCATION (AUGUST 2008)
---	EXISTING BROWN CONTOUR
---	EXISTING PINK
---	APPROXIMATE PROPERTY LINE
---	EXISTING EASEMENT SCHEDULE AND MONUMENT
---	EXISTING SURVEY SCHEDULE AND MONUMENT
---	EXISTING WATER LINE AND MONUMENT
---	EXISTING UNDERGROUND FIBER OPTIC LINE
---	EXISTING UNDERGROUND ELECTRIC CABLE
---	EXISTING UNDERGROUND TELEPHONE CABLE
---	EXISTING UNDERGROUND GAS LINE
○	EXISTING ROUND CATCH BASIN
■	EXISTING SQUARE CATCH BASIN
+	UTILITY POLE
+	UTILITY POLE WITH OUT WIRE
●	CONTIGUOUS TREE W/TRADE DIMENSION



*Placement areas of treated soils from 2000 excavation*



**SOURCE NOTE:**  
THIS MAP WAS DEVELOPED FROM R.E. PHELON COMPANY, INC. A SURVEY BY CECO ENGINEERING INC., DESIGN NO. 980505, SHEET 03, DATED 4-20-99 AND DESIGN NO. 8004, SHEET C14, DATED 2/8/00. FIELD NOTES BY HRT FOR PLACEMENT OF BARRIAD TRACKS. ALL MONITORING WELLS AND PIEZOMETERS WERE SURVEYED. ALL OTHER SAMPLE LOCATIONS ARE APPROXIMATE.

**NOTE:**  
1. REFER TO FIGURE NO. 3 FOR LEGEND.

FIGURE NO. 1

PROJECT NO. 1015/9/2

NATURAL RESOURCE TECHNOLOGY

**AUGUST 2008  
SOIL SAMPLING LOCATIONS**

REMEDIAL ACTION DOCUMENTATION REPORT  
R.E. PHELON COMPANY, INC.  
LOMIRA, WISCONSIN

DRAWN BY:	RLH	DATE:	10/02/08
CHECKED BY:	EPK	DATE:	10/02/08
APPROVED BY:		DATE:	
DRAWING NO: 1015-92-B02C REFERENCE.			

**LEGEND**

-  MW-1 MONITORING WELL
-  P-1 PIEZOMETER
-  SB-101 SOIL BORING
-  SC-2 SOIL SAMPLE LOCATION (AUGUST 2008)
-  EXISTING GROUND CONTOUR
-  EXISTING FENCE
-  APPROXIMATE PROPERTY LINE
-  EXISTING STORM SEWER AND MANHOLE
-  EXISTING SANITARY SEWER AND MANHOLE
-  EXISTING WATER LINE AND HYDRANT
-  EXISTING UNDERGROUND FIBER OPTIC LINE
-  EXISTING UNDERGROUND ELECTRIC CABLE
-  EXISTING UNDERGROUND TELEPHONE CABLE
-  EXISTING UNDERGROUND GAS LINE
-  EXISTING ROUND CATCH BASIN
-  EXISTING SQUARE CATCH BASIN
-  UTILITY POLE
-  UTILITY POLE WITH GUY WIRE
-  CONIFEROUS TREE W/TRUNK DIAMETER

MC=1028.60  
 MC=1030.17  
 E. N. 10" CUP=1028.67  
 E. S. 10" CUP=1028.63

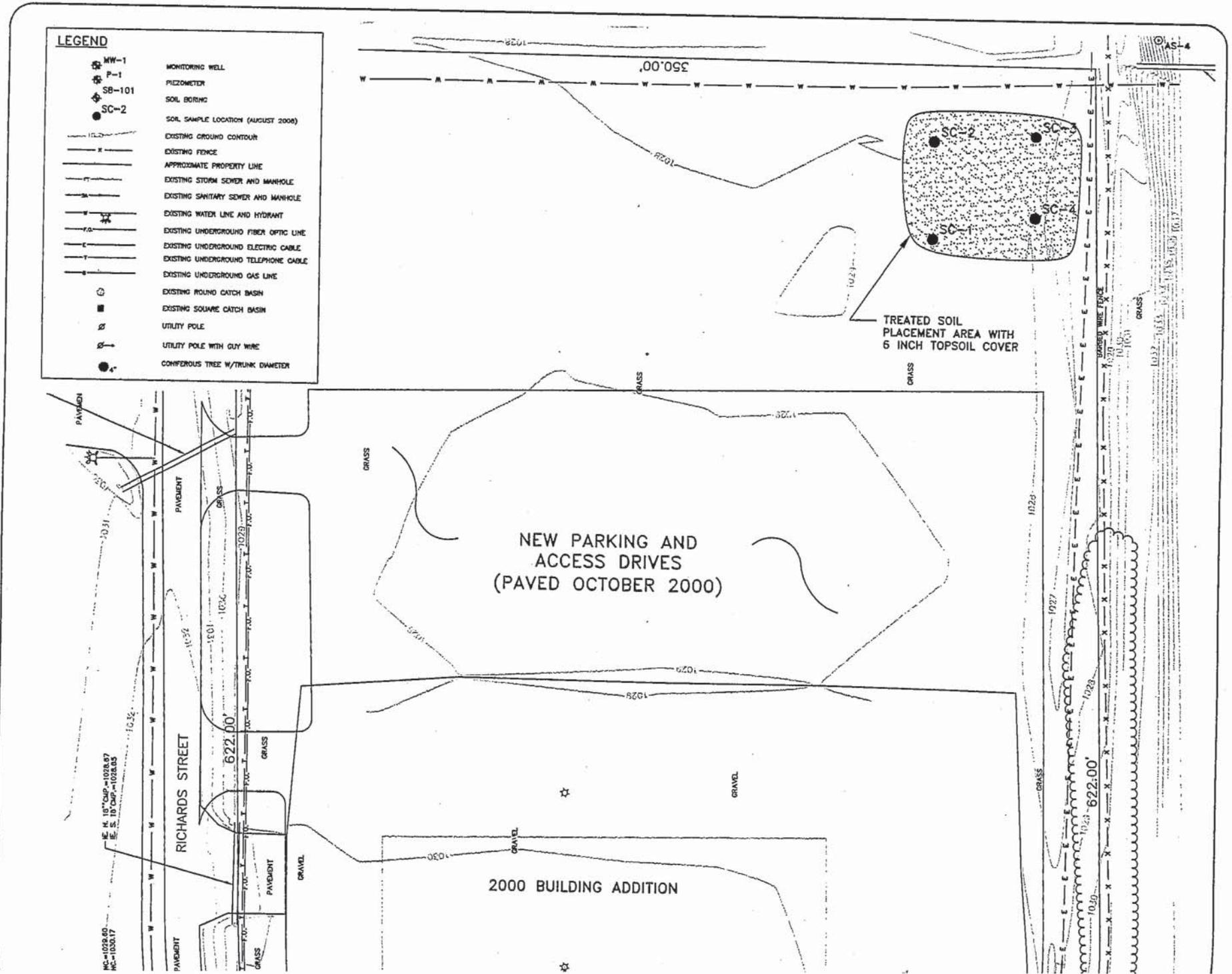
RICHARDS STREET

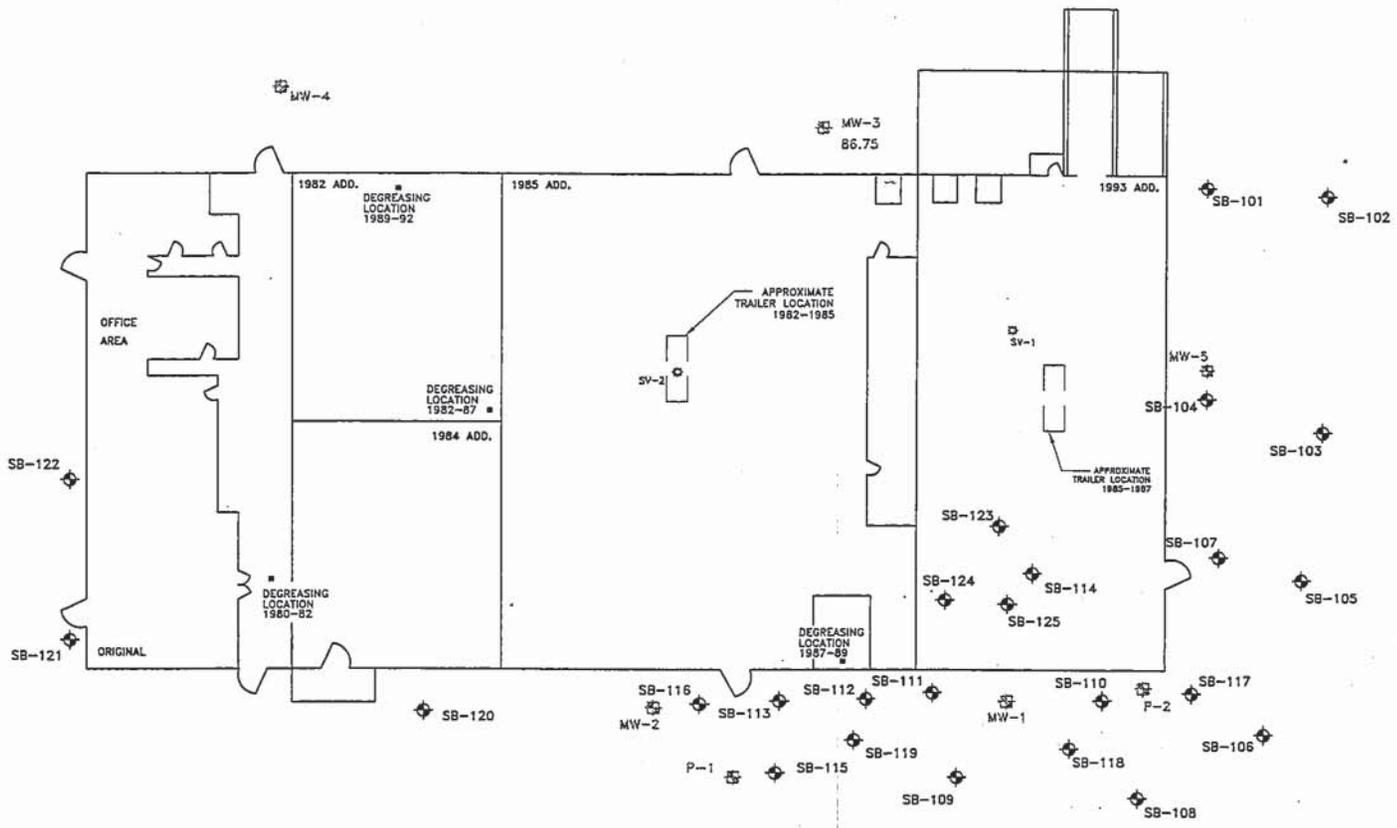
NEW PARKING AND  
 ACCESS DRIVES  
 (PAVED OCTOBER 2000)

2000 BUILDING ADDITION

TREATED SOIL  
 PLACEMENT AREA WITH  
 6 INCH TOPSOIL COVER

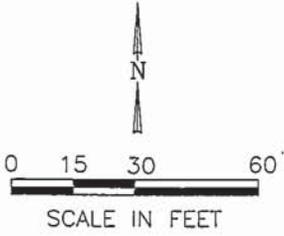
AS-4





**LEGEND**

- ◆ SB-101 SOIL BORING
- ⊕ MW-1 MONITORING WELL
- ⊖ P-1 PIEZOMETER
- ⊗ SV-1 SOIL VAPOR
- DEGREASING
- DCA 1,1-DICHLOROETHANE
- DCE 1,1-DICHLOROETHENE
- TCA 1,1,1-TRICHLOROETHANE
- nd NOT DETECTED
- μg/kg MICROGRAMS PER KILOGRAM



Soil Boring	Depth Interval (feet)	DCA (μg/kg)	DCE (μg/kg)	TCA (μg/kg)
SB-110	4-6	< 14,000	< 14,000	25,900
SB-110	6-7.5	< 27,000	< 27,000	43,500
SB-112	4-6	< 2,800	< 2,800	7,700
SB-113	6-7	nd	nd	1,100
SB-114	8-10	nd	41	693
SB-119	4-6	nd	nd	nd
SB-123	8-10	nd	nd	272
SB-124	8-10	31	82	1,310
SB-125	2-4	nd	100	638
SB-125	8-10	nd	91	1,740

SSRCL 970 760 2,500

SOURCE NOTE:  
THIS MAP WAS DEVELOPED FROM R.E. PHELON  
COMPANY, INC. AND FIELD NOTES BY NRT.

DRAWN BY: TAS DATE: 01/28/99  
 CHECKED BY: EPK DATE: 1/23/99  
 APPROVED BY: LJP DATE: 1/23/99  
 AUTOCAD FILE: 1015-B15.DWG

SOIL BORING LOCATIONS AND  
 SAMPLE RESULTS, DECEMBER 2, 1998  
 R.E. PHELON CO., INC.  
 LOMIRA, WISCONSIN



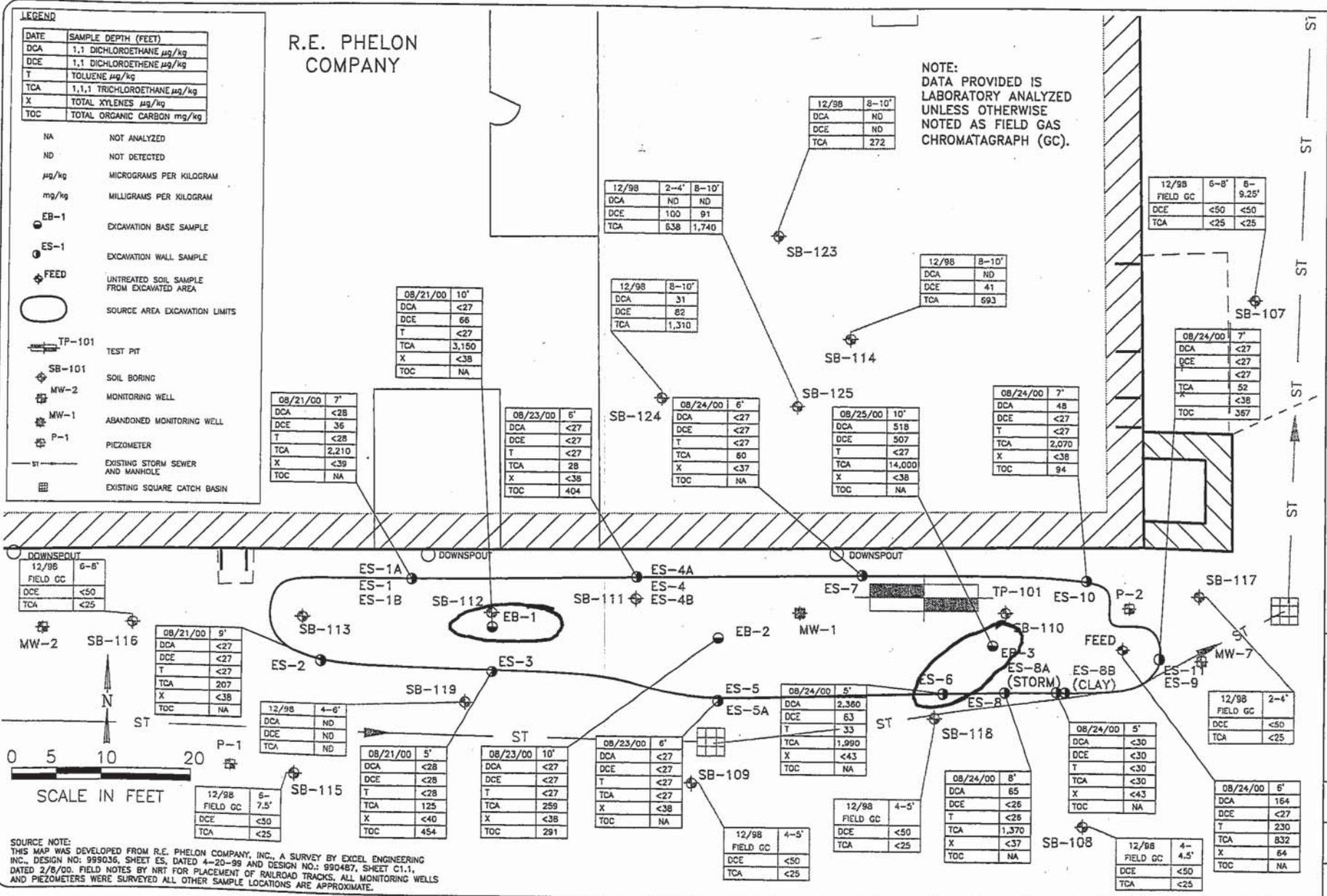
Natural  
 Resource  
 Technology

PROJECT NO.  
1015/6.2

DRAWING NO.  
1015-B15

FIGURE NO.  
1

○ Approximate extent of soil contamination > SSRCLs



DATE: 02/22/01  
 DATE: 03/26/01  
 DATE: 04/12/01

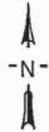
DRAWN BY: TAS  
 CHECKED BY: HMS  
 APPROVED BY: LJP

AUTOCAD FILE: 1015-B55.DWG

**CONFIRMATION SOIL SAMPLING RESULTS**  
 REMEDIAL ACTION DOCUMENTATION REPORT  
 R.E. PHELON COMPANY, INC.  
 LOMIRA, WISCONSIN

**Natural Resource Technology**

PROJECT NO. 1015/7.5  
 DRAWING NO. 1015-B55  
 FIGURE NO. 5



2000 ADDITION

MW-4

MW-3

DEGREASING LOCATION  
1989-1992

OIL VAULT 4

1982 ADDITION

DEGREASING LOCATION  
1982-1987

1984 ADDITION

DEGREASING LOCATION  
1980-1982

1985 ADDITION

1993 ADDITION

TRAILER LOCATION  
1985-1987

OFFICES

OFF SITE  
TO EAST

P-5

MW-6

SB-122

OFFICES

SB-121

B-1001

2-3' VOC ND  
7-8' VOC ND

SB-120

MW-2

SB-116  
6-8' VOC ND  
(Field GC)

STORM SEWER (Estimated)

P-1

OFF SITE TO SOUTH

P-6 P-3

### LEGEND

- SB-121 SOIL BORING 1993 to 2008
  - ⊕ B-1001 SOIL BORING AND GRAB WATER LOCATION MAY 2010
  - △ 1 LITER VAPOR CANNISTER SAMPLE MAY 2010
  - ▽ PID AIR MONITORING LOCATION MAY 2010
  - HA-1 HAND AUGER BORING SAMPLE
  - × EXCAVATION PERIMETER SOIL SAMPLE
- SOIL CHEMISTRY  
 VOC ND No Detect  
 TCA 2070 1,1,1-Trichlorethane Conc (ug/kg)

■ ■ WELL OR PIEZOMETER  
SOLID = ABANDONED

MW-3 P-6



SCALE = 1"=35'

Pavement Cover  
30' x 130'

SITE: RE PHELON / BADGER CORPORATION  
LOMIRA, WI

TITLE: SITE LAYOUT AND TEST LOCATIONS

ATS PROJECT NUMBER: BCI-2010-01

REV: DATE: DESCRIPTION:

APPVD:

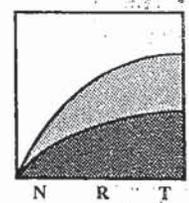
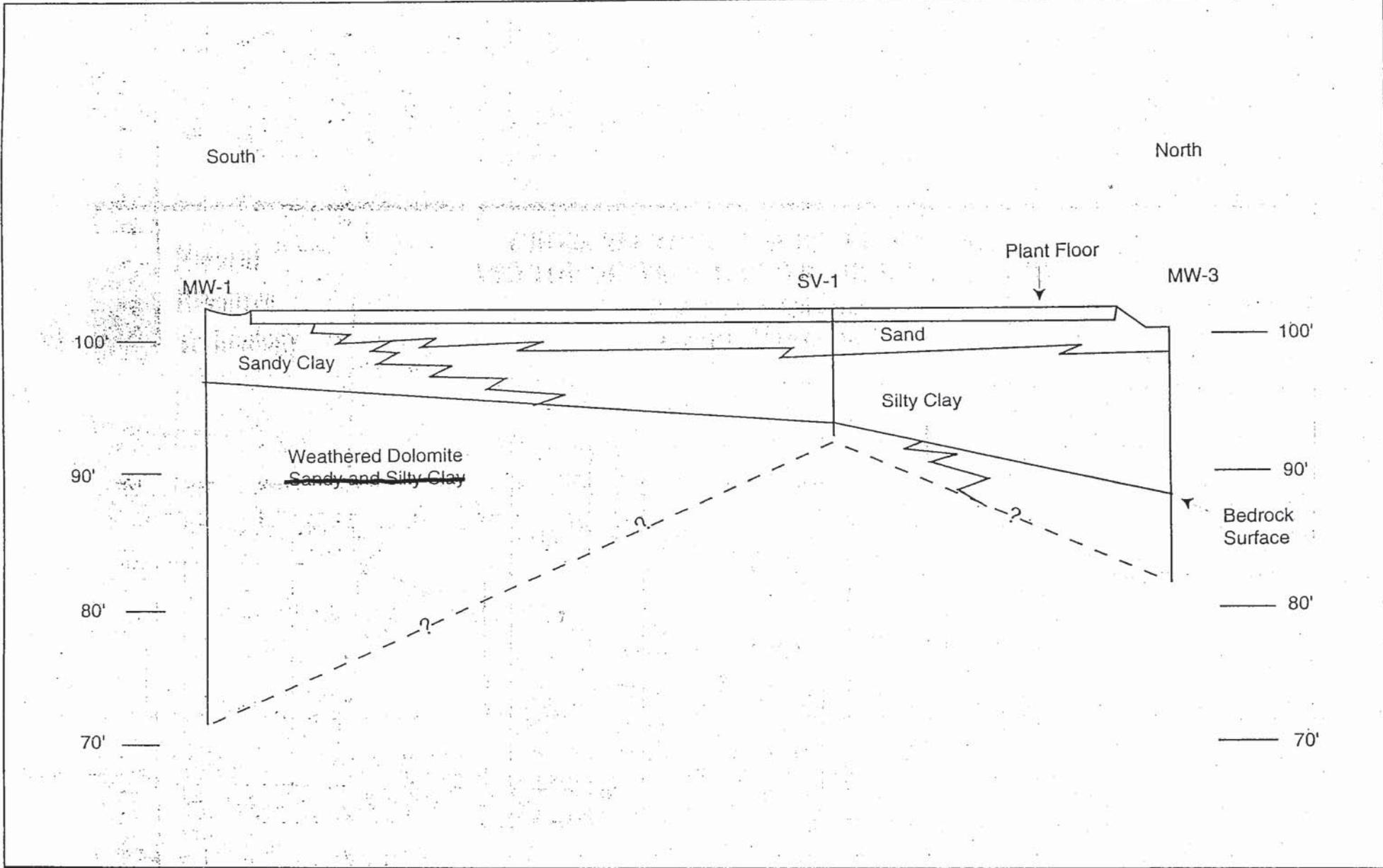
DATE: 5/17/10

DWG #.: sitemap.skf

DRAWN BY: KZK

FIGURE 2





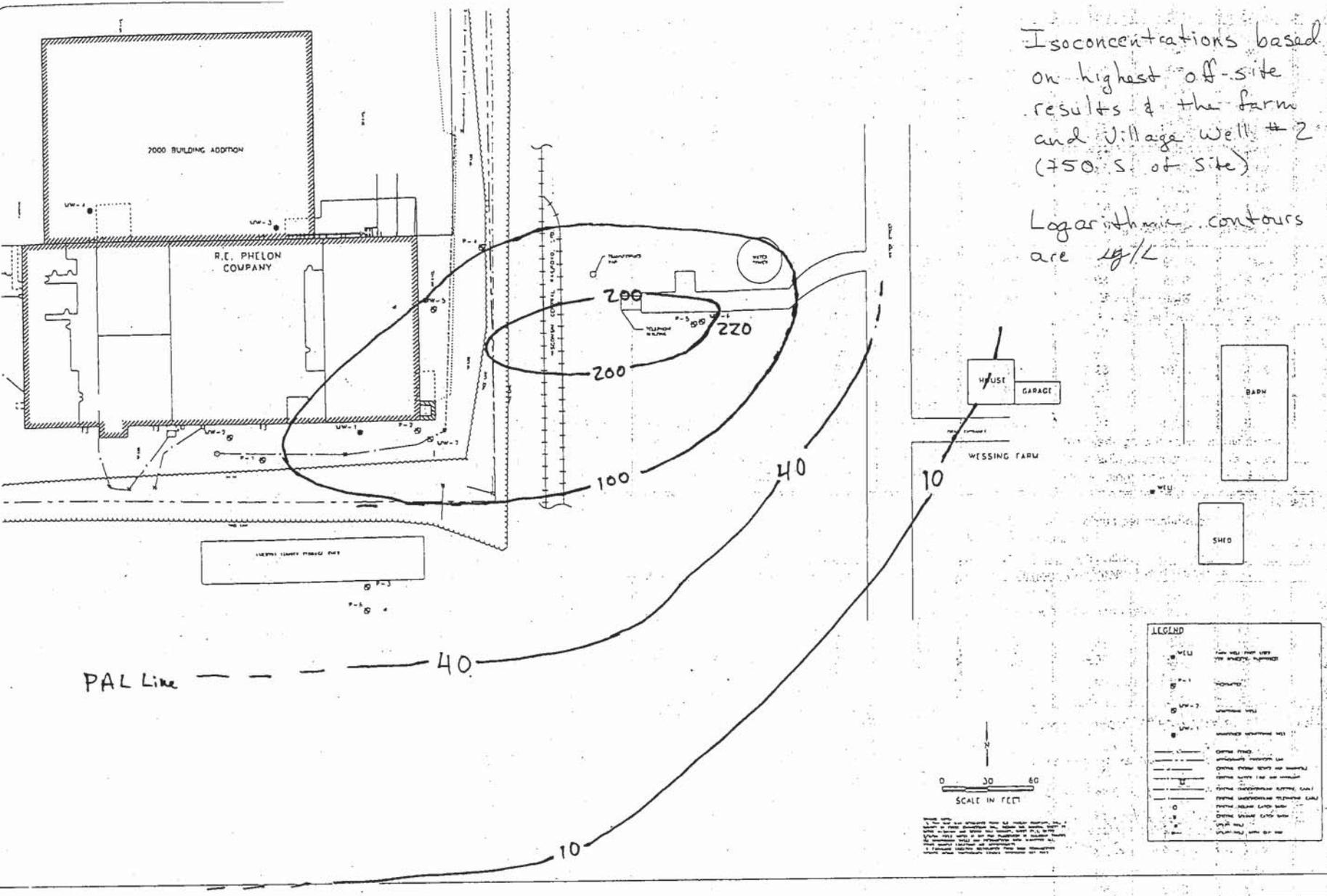
Natural  
Resource  
Technology

**CROSS-SECTION OF SUBSURFACE SOILS  
AND TOP OF WEATHERED BEDROCK SURFACE**

**R.E. Phelon Co., Inc.  
Lomira, Wisconsin**

Project No.  
1015A6

Figure No.  
3-1

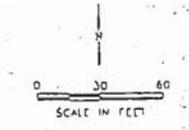


Isoconcentrations based on highest off-site results at the farm and Village Well #2 (750' S of site)

Logarithmic contours are 1/2

LEGEND

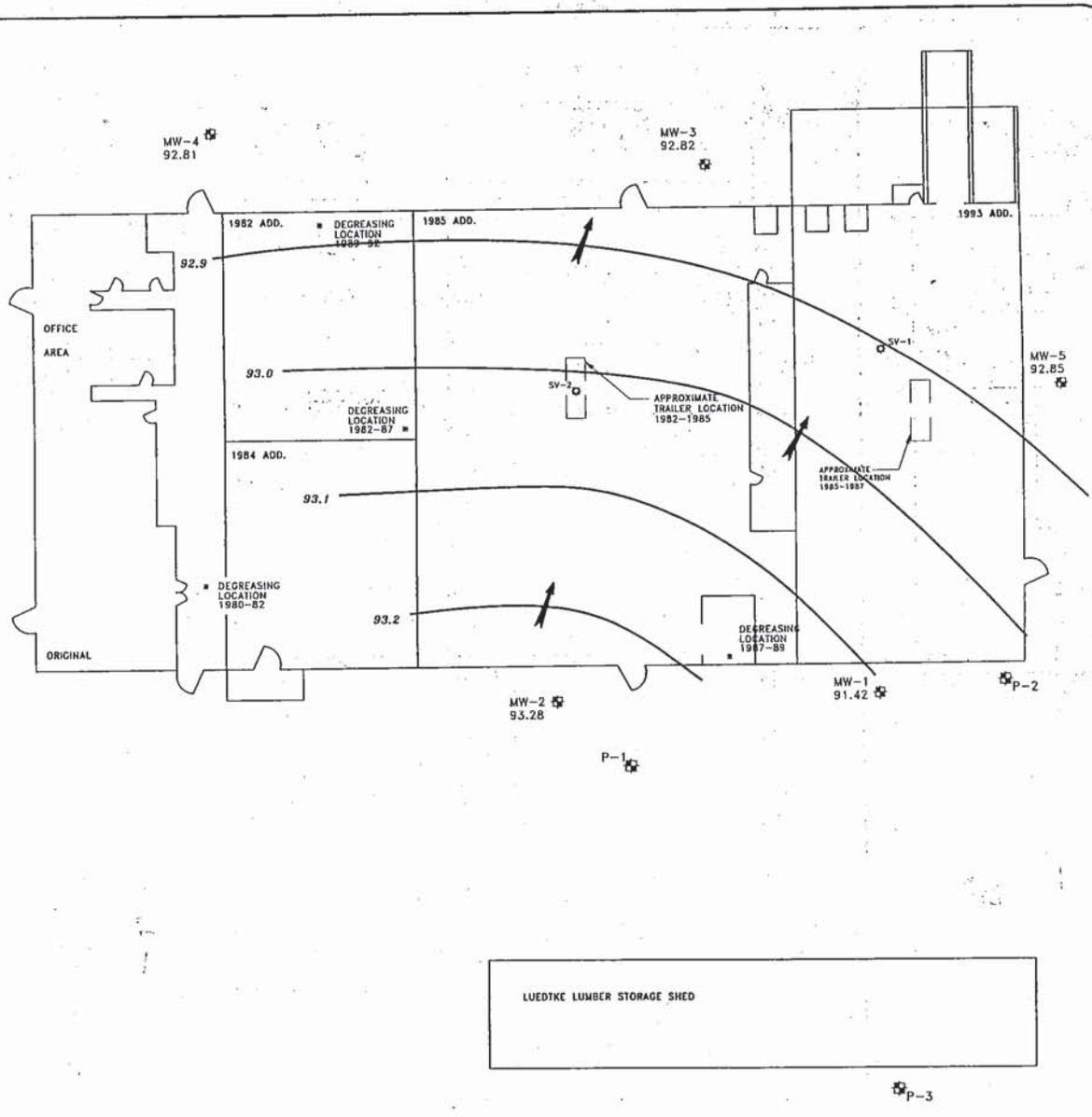
WELL	CONTOUR
VW-1	10
VW-2	40
VW-3	100
VW-4	200
...	...



DRAWN BY: TFS CHECKED BY: EPK APPROVED BY: EPK DRAWING NO: 1015-B2-303 REFERENCE:	DATE: 02/01/06 DATE: 02/20/06 DATE: 02/20/06
<b>Groundwater Isoconcentrations - TCA</b> GROUNDWATER MONITORING ANNUAL REPORT R.E. PHELON COMPANY, INC. LOMIRA, WISCONSIN	
PROJECT NO. 1015/B7	
FIGURE NO. 7	



REVISION, SOURCE, REASON OR OTHER  
DATE: 5/28/95



**LEGEND**

- MW-1 92.81 MONITORING WELL AND WATER TABLE ELEVATION
- P-1 PIEZOMETER
- SV-1 SOIL VAPOR
- DEGREASING
- GROUNDWATER FLOW DIRECTION
- 92.9 WATER TABLE ELEVATION CONTOUR

NOTE:  
WATER LEVEL IN WELL #1 NOT USED DUE  
TO CONSTRUCTION OF WELL.

**WATER TABLE ELEVATIONS AND  
CONTOURS MAY 9, 1996**

R.E. PHELON CO., INC.  
LOMIRA, WISCONSIN

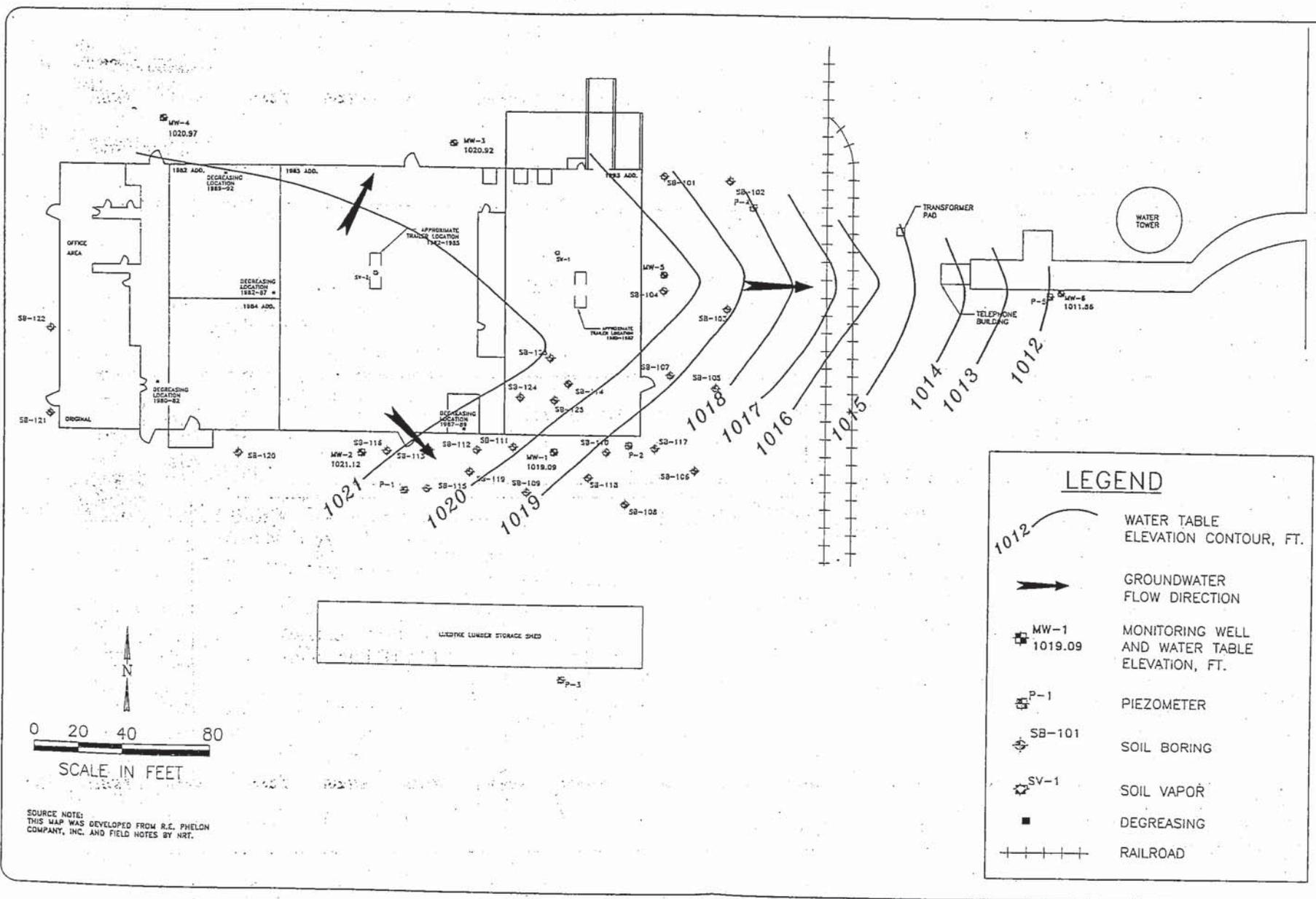
DRAWN BY: TAS	DATE: 11/21/95
CHECKED BY: EPK	DATE:
APPROVED BY:	DATE:
AUTOCAD FILE: 1015-B01.DWG	

FIGURE NO. 1

DRAWING NO. 1015-B01

PROJECT NO. 1015/5.2

Natural Resource Technology



DRAWN BY:	TAS	DATE:	05/10/99
CHECKED BY:	EPK	DATE:	7/1/99
APPROVED BY:		DATE:	
AUTOCAD FILE: 1015-B17.DWG			

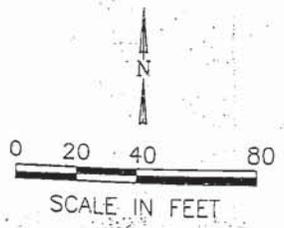
WATER TABLE ELEVATIONS  
 MARCH 17, 1999  
 R.E. PHELON CO., INC.  
 LOMIRA, WISCONSIN

**LEGEND**

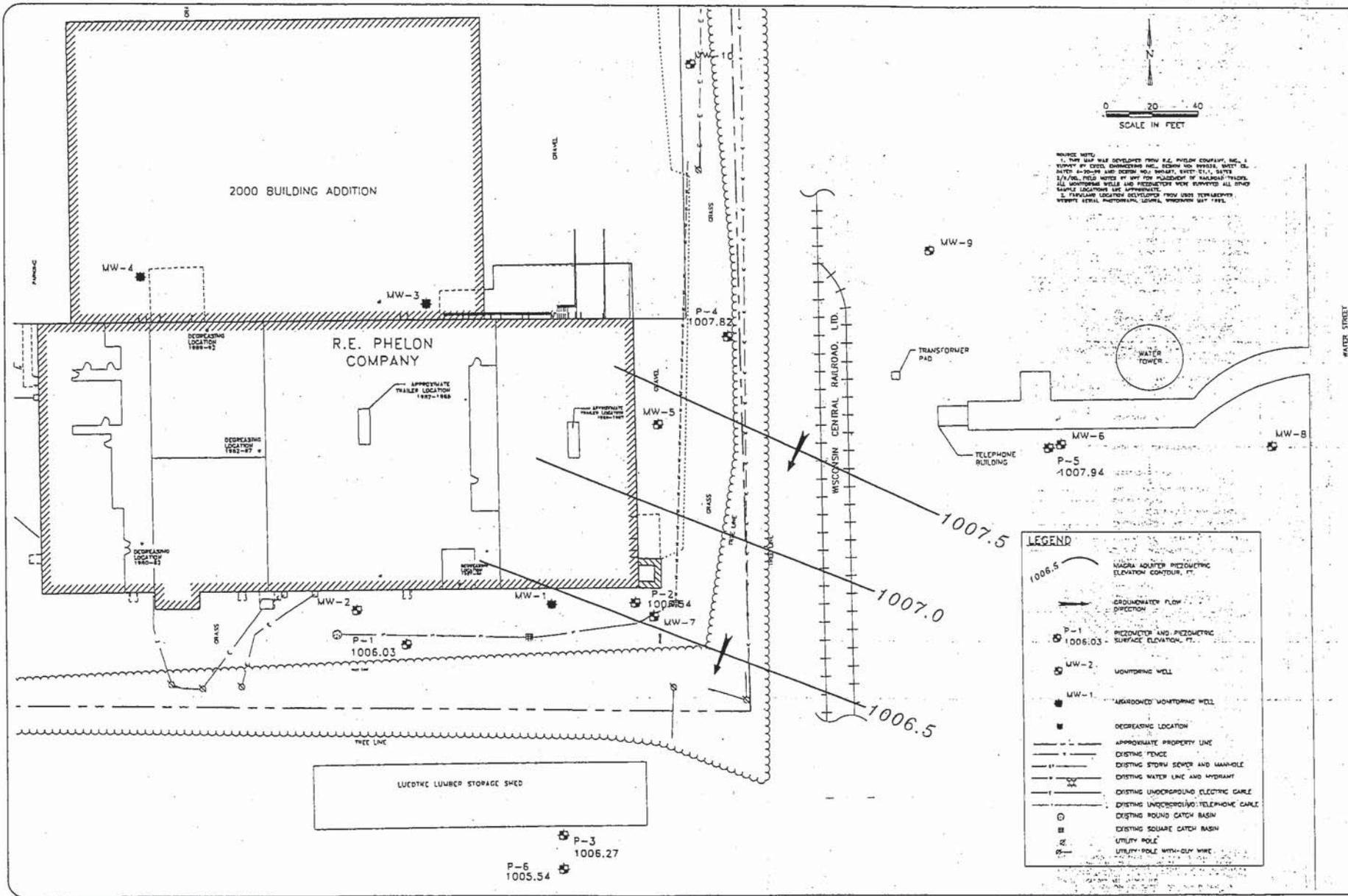
- WATER TABLE ELEVATION CONTOUR, FT.
- GROUNDWATER FLOW DIRECTION
- MW-1 1019.09 MONITORING WELL AND WATER TABLE ELEVATION, FT.
- P-1 PIEZOMETER
- SB-101 SOIL BORING
- SV-1 SOIL VAPOR
- DEGREASING
- RAILROAD

Natural  
 Resource  
 Technology

PROJECT NO.	1015/6.2
DRAWING NO.	1015-B17
FIGURE NO.	1



SOURCE NOTE:  
 THIS MAP WAS DEVELOPED FROM R.E. PHELON  
 COMPANY, INC. AND FIELD NOTES BY NRT.



SOURCE NOTES:  
 1. THIS MAP WAS DEVELOPED FROM R.E. PHELON COMPANY, INC. A  
 TOPOGRAPHIC SURVEY CONDUCTED IN 1987. THE SURVEY WAS  
 CONDUCTED BY G.D. CHAMBERS AND COMPANY, INC. THE SURVEY  
 WAS CONDUCTED IN ACCORDANCE WITH THE SURVEYING  
 BOARD OF WISCONSIN. THE SURVEY WAS CONDUCTED IN  
 ACCORDANCE WITH THE SURVEYING BOARD OF WISCONSIN.  
 ALL MONITORING WELLS AND PIEZOMETERS WERE EXISTING AT THE  
 TIME OF THE SURVEY. THE SURVEY WAS CONDUCTED IN  
 ACCORDANCE WITH THE SURVEYING BOARD OF WISCONSIN.  
 THE SURVEY WAS CONDUCTED IN ACCORDANCE WITH THE  
 SURVEYING BOARD OF WISCONSIN. THE SURVEY WAS  
 CONDUCTED IN ACCORDANCE WITH THE SURVEYING BOARD  
 OF WISCONSIN. THE SURVEY WAS CONDUCTED IN  
 ACCORDANCE WITH THE SURVEYING BOARD OF WISCONSIN.

**LEGEND**

- 1006.5 ———— MAJOR ADJUSTER PIEZOMETRIC ELEVATION CONTOUR, FT.
- GROUNDWATER FLOW DIRECTION
- P-1 1006.03 ———— PIEZOMETER AND PIEZOMETRIC SURFACE ELEVATION, FT.
- MW-2 ———— MONITORING WELL
- MW-1 ———— "ABANDONED" MONITORING WELL
- ———— DEGRADING LOCATION
- APPROXIMATE PROPERTY LINE
- EXISTING FENCE
- EXISTING STORM SEWER AND MANHOLE
- EXISTING WATER LINE AND HYDRANT
- EXISTING UNDERGROUND TELEPHONE CABLE
- EXISTING UNDERGROUND ELECTRIC CABLE
- ———— EXISTING ROUND CATCH BASIN
- ———— EXISTING SQUARE CATCH BASIN
- ———— UTILITY POLE
- ———— UTILITY POLE WITH CRY WIRE

DRAWN BY:	BLK	DATE:	11/28/07
CHECKED BY:	EPK	DATE:	
APPROVED BY:		DATE:	
DRAWING NO.:	1015-B5-B04	DATE:	
REFERENCE:			

**PIEZOMETRIC ELEVATION**  
**OCTOBER 15, 2007**  
**GROUNDWATER MONITORING ANNUAL REPORT**  
**R.E. PHELON COMPANY, INC.**  
**LOMIRA, WISCONSIN**



PROJECT NO.  
 1015/B.5  
 FIGURE NO.  
 9

**Table 4. Soil Sampling Results  
Remedial Action Options Report  
R.E. Phelon Co., Inc.  
Lomira, Wisconsin**

Soil Boring	Depth Interval (feet)	DCA ( $\mu\text{g}/\text{kg}$ )	DCE ( $\mu\text{g}/\text{kg}$ )	TCA ( $\mu\text{g}/\text{kg}$ )
SV-1	1-3	nd	nd	nd
SV-2	9-11	nd	nd	nd
SB-110	4-6	< 14,000	< 14,000	25,900
SB-110	6-7.5	< 27,000	< 27,000	43,500
SB-112	4-6	< 2,800	< 2,800	7,700
SB-113	6-7	nd	nd	1,100
SB-114	8-10	nd	41	693
SB-119	4-6	nd	nd	nd
SB-123	8-10	nd	nd	272
SB-124	8-10	31	82	1,310
SB-125	2-4	nd	100	638
SB-125	8-10	nd	91	1,740
Residential PRG		500,000	37	1,200,000
Industrial PRG		1,700,000	80	3,000,000

Notes:

DCA: 1,1-Dichloroethane      TCA: 1,1,1-Trichloroethane  
DCE: 1,1-Dichloroethene      nd: Not detected.

1. SV samples from December 1993, SB samples from December 1998.
2. Preliminary Remedial Goals (PRGs) obtained from USEPA Region 9 are guidance values, provided for reference only.

Table 4. Excavation Soil Analytical Data  
R.E. Phelon Co., Inc.  
Lomira, Wisconsin

Sample Number	Sample Depth (feet)	Sample Date	Volatile Organic Compounds (µg/kg)							mg/kg
			1,1 Dichloroethane	1,1 Dichloroethene	Methylene Chloride	Toluene	1,1,1 Trichloroethane	1,2,4 - Trimethylbenzene	Xylenes (total)	
<b>Pretreated Samples</b>										
TP-101	3-9'	11/16/1999	1,510	366	<108	<54	14,000	<54	<75	--
Feed	6	8/24/2000	164	<27	60 L	230	832	65	64	--
<b>Soils Left in Place</b>										
ES-1A	7	8/21/2000	<28	36	309	<28	2,210	<28	<39	--
ES-2	9	8/21/2000	<27	<27	207 L	<27	207	<27	<38	--
ES-3	5	8/21/2000	<28	<28	215 L	<28	125	<28	<40	454
ES-4A	6	8/23/2000	<27	<27	186 L	<27	28	<27	<38	404
ES-5	6	8/23/2000	<27	<27	171 L	<27	<27	<27	<38	--
ES-6	5	8/24/2000	<b>2,360</b>	63	161 L	33	1,990	<31	<43	--
ES-7	6	8/24/2000	<27	<27	160 L	<27	60	<27	<37	--
ES-8	8	8/24/2000	65	<26	158 L	<26	1,370	<26	<37	--
ES-8A (Storm)	5	8/24/2000	<30	<30	134 L	<30	<30	<30	<43	--
ES-10	7	8/24/2000	48	<27	94 L	<27	2,070	<27	<38	94
ES-11	7	8/24/2000	<27	<27	<54	<27	52	<27	<38	367
EB-1	10	8/21/2000	<27	66	174 L	<27	<b>3,150</b>	<27	<38	--
EB-2	10	8/23/2000	<27	<27	151 L	<27	259	<27	<38	291
EB-3	10	8/25/2000	518	507	56 L	<27	<b>14,000</b>	<27	<38	--
NR 720 Site Specific RCL			970	760			2,500			
NR 720 Generic RCL						1,500			4,100	

[O-HMS/AAS 9/20/00]

- Notes: -- : Not analyzed  
L : Common lab solvent and contaminant, also detected in laboratory blank  
1) Bold/boxed values exceed target Residual Contaminant Levels.  
2) Site Specific RCL established in the October 1999 Remedial Action Options Report

Table 3. Treated Soil Analytical Data  
R.E. Phelon Co., Inc.  
Lomira, Wisconsin

Sample Number	Sample Date	Tons (Approx.)	Volatile Organic Compounds (µg/kg)														
			sec-Butylbenzene	1,1 Dichloroethane	1,1 Dichloroethene	Methylene Chloride	Ethylbenzene	Isopropylbenzene	Naphthalene	n-Propylbenzene	Tetrachloroethene	Toluene	1,1,1 Trichloroethane	1,2,4 - Trimethylbenzene	1,3,6 - Trimethylbenzene	Xylenes (total)	
TS-1	8/22/2000	160	<28	<28	<28	265 L	<28	<28	<28	<28	<28	<28	<28	287	<28	<28	<39
TS-2	8/23/2000	160	<28	<28	<28	214 L	<28	<28	<28	<28	<28	<28	<28	191	<28	<28	<39
TS-3	8/24/2000	80	43	<28	<28	134 L	368	39	624	110	100	535	279	870	156	2,120	
TS-3A	8/25/2000	80	<28	64	<28	325	45	<28	45	<28	<28	258	582	<28	<28	190	
TS-4	8/25/2000	160	<28	<28	<28	310	<28	<28	70	<28	<28	<28	366	32	<28	<39	
TS-5	8/28/2000	160	<27	<27	<27	60 L	<27	<27	<27	<27	<27	<27	<27	<27	<27	<38	
Treatment Standard				800	700									2,000			
NR 720 Site Specific RCL				970	760									2,500			
NR 720 Generic RCL							2,900					1,500					4,100

[O-HMS/AAS 9/20/00]

Notes:

L : Common lab solvent and contaminant, also detected in laboratory blank  
Site Specific RCL established in the October 1999 Remedial Action Options Report

**Table 1. Former Treated Soil Analytical Results ( $\mu\text{g}/\text{kg}$ )  
R.E. Phelon Co., Inc. - Lomira, Wisconsin**

Sample (Depth) <sup>A</sup>	Collection Date	1,1,1-Trichloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,2-Dichloroethane	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene
SC1 (0-1)	08/19/08	<31	<44	<31	<31	<31	<31	<31
SC1 (2-3)	08/19/08	<26	<36	<26	<26	<26	<26	<26
SC2 (0-1)	08/19/08	<28	<39	<28	<28	<28	<28	<28
SC2 (2-3)	08/19/08	<26	<36	<26	<26	<26	<26	<26
SC3 (0-1)	08/19/08	<28	<39	<28	<28	<28	<28	<28
SC3 (2-3)	08/19/08	<26	<36	<26	<26	<26	<26	<26
SC4 (0-1)	08/19/08	<28	<39	<28	<28	<28	<28	<28
SC4 (2-3)	08/19/08	<26	<36	<26	<26	<26	<26	<26

Notes

"A" - Sample depth is feet

**TABLE 1**  
**SOIL ANALYTICAL RESULTS - DETECTED VOC COMPOUNDS**  
 990 Richards Street, Lomira, WI

Sample ID	Depth (feet)	PID Reading (su)	ANALYTICAL PARAMETERS														
			Benzene (ug/kg)	Ethylbenzene (ug/kg)	Toluene (ug/kg)	1,2,4-TMB (ug/kg)	1,3,5-TMB (ug/kg)	Xylenes (ug/kg)	Naphthalene (ug/kg)	n-Butylbenzene (ug/kg)	Tetrachloroethene (ug/kg)	Trichloroethene (ug/kg)	cis-1,2-DCE (ug/kg)	Vinyl Chloride (ug/kg)	n-Propylbenzene (ug/kg)	Other Compounds? (ug/kg)	
B-1001	(2-3)	0.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<40.4	<25.0	<25.0	<25.0	<25.0	<25.0	-
B-1001	(7-8)	0.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<40.4	<25.0	<25.0	<25.0	<25.0	<25.0	-
B-1002	(4-5)	0.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<40.5	<25.0	<25.0	<25.0	<25.0	<25.0	-
B-1002	(9.5-10.5)	0.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<40.6	<25.0	<25.0	<25.0	<25.0	<25.0	-
HA-1	1'	0.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<40.6	<25.0	<25.0	<25.0	<25.0	<25.0	-
HA-1	2-3'	0.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<40.6	<25.0	<25.0	<25.0	<25.0	<25.0	-
HA-2	1'	0.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<40.6	<25.0	<25.0	<25.0	<25.0	<25.0	-
HA-2	2-3'	0.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<40.6	<25.0	<25.0	<25.0	<25.0	<25.0	-
HA-3	1'	0.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<40.6	<25.0	<25.0	<25.0	<25.0	<25.0	-
HA-3	2-3'	0.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<40.6	<25.0	<25.0	<25.0	<25.0	<25.0	-
HA-4	1'	0.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<40.6	<25.0	<25.0	<25.0	<25.0	<25.0	-
HA-4	2-3'	0.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	<40.6	<25.0	<25.0	<25.0	<25.0	<25.0	-
NR 720 & RR-682 Residual Contaminant Levels			5.5	2900	1500	NS	NS	4100	400 <sup>(1)</sup>	NS	4.1	3.7	27	NC	NC		
NR 746 & RR-682 Soil Screening Levels			8500	4600	38000	83000	11000	42000	2700	NS	240,000	1,300,000	1,300,000	NC	NC		
RR-682 SSL Inhalation Volatiles - Industrial Site			NC	NC	NC	NC	NC	NC	NC	NC	33,000	14,000	1,300,000	NC	NC		
RR-682 SSL Soil Ingestion - Industrial Site			1100	NS	NS	NS	NS	NS	NS	NS	55,000	260,000	156,000	NC	NC		

Notes: Xylenes reported as total of m-, o-, p-xylenes

TMB= trimethylbenzene

ND= No other compounds detected

NA= Not analyzed for parameter

**BOLD** indicates exceedance of residual contaminant level for migration to groundwater.

**BOLD** indicates exceedance of Soil Screening Level.

NS = No standard established  
 NC = Standard not calculated

<sup>(1)</sup> Naphthalene RCL from Soil Cleanup Levels for Polycyclic Aromatic Hydrocarbons (PAH) Interim Guidance, WDNR Publication RR-519-97, April 1997 (corrected)  
 RR 682- Determining Residual Contaminant Levels using the EPA Soil Screening Level Web Site, WDNR Publication RR-692-02, January 2002

Table 3-3. Analytical Results for Village of Lomira Well #2  
Lomira, Wisconsin

1983 - 1993

Date	1,1-Dichloroethene (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1-Dichloroethane (ug/L)	Dichloromethane (ug/L)	Carbon tetrachloride (ug/L)
11/1/83	nd	nd	na	na	na
2/1/87	nd	10	na	na	na
3/2/87	nd	200	na	na	na
4/27/87	nd	12	na	na	na
6/13/90	nd	6	nd	nd	nd
9/20/90	<u>2.5</u>	<u>74.5</u>	nd	nd	nd
11/15/90	<u>2.1</u>	<u>46.8</u>	nd	0.5	nd
3/31/91	<u>4.2</u>	<u>66</u>	0.7	nd	nd
6/13/91	<u>2</u>	19	nd	nd	nd
9/12/91	<u>3.2</u>	<u>47</u>	0.7	nd	nd
12/5/91	<u>2.8</u>	<u>51</u>	0.7	1.2	nd
3/5/92	<u>3.6</u>	<u>44</u>	0.6	nd	nd
6/9/92	<u>1.9</u>	22	nd	nd	nd
9/10/92	nd	32	nd	nd	<u>4</u>
12/3/92	nd	<u>42</u>	nd	nd	nd
3/24/93	<u>1.2</u>	38	nd	nd	nd
6/10/93	<u>2</u>	33	0.8	nd	nd
NR140 PAL	0.7	40	85	ns	0.5
NR140 ES	7	200	850	ns	5

Notes:

Underlined/Italicized values exceed NR140 Preventive Action Limit.

Results obtained from the Village of Lomira - Analytical method was SDWA 502.2

nd: Not detected.

ns: No standard.

na: Not analyzed.

**Table 2. Groundwater Analytical Results**  
**R.E. Phelon Co., Inc. - Lomira, Wisconsin**

DRAFT

Well	Date	Parameters (µg/L)		
		1,1-Dichloroethane	1,1-Dichloroethene	1,1,1-Trichloroethane
<b>NR 140 Groundwater Quality Standards (April 2001)</b>				
Preventive Action Limit (PAL)		85	0.7	40
Enforcement Standard (ES)		850	7	200
MW-1	12/28/93	na	nd	9.4
	03/25/94	na	nd	1.1
	08/23/94	na	nd	5.6
	02/01/95	na	nd	4.1
	05/08/95	na	nd	13.4
	08/03/95	na	na	nd
	11/01/95	na	na	290
	05/09/96	na	na	310
	11/20/96	na	na	550
	05/13/97	na	na	1,600
	08/07/97	na	na	1,600
	11/10/97	na	na	1,200
	11/10/97	na	36	1,200
	02/20/98	na	na	1,200
	05/14/98	na	150	1,100
	08/28/98	na	130	1,800
	12/02/98	110	44	550
	03/17/99	140	60	1,100
	05/19/99	100	30	540
	09/10/99	240	50	840
12/09/99	nd	110	950	
<b>Well abandoned in August 2000 during Remediation Activities.</b>				
MW-2	12/28/93	na	nd	nd
	03/25/94	na	nd	1.3
	08/23/94	na	nd	9.6
	02/01/95	na	nd	2.7
	05/08/95	na	nd	7.4
	08/03/95	na	na	nd
	11/01/95	na	na	52
	05/09/96	na	na	6.3
	11/20/96	na	na	4.0
	05/13/97	na	na	3.3
	08/07/97	na	na	5.4
	11/10/97	na	na	20.0
	02/20/98	na	na	1.5
	05/14/98	na	nd	5.7
	12/02/98	nd	nd	1.2
	03/17/99	nd	nd	1.8
	05/19/99	nd	nd	2.4
	09/10/99	nd	nd	5.5
	12/09/99	nd	nd	0.72
	12/27/00	D	D	D
	04/05/01	nd	nd	nd
	07/30/01	nd	nd	0.89
	10/19/01	nd	nd	0.96
01/16/02	nd	nd	1.10	
04/19/02	<0.25	<0.25	0.66	
07/11/02	<0.25	<0.25	0.30	
10/11/02	<0.25	<0.25	0.92	
01/08/03	<0.50	<0.50	<0.50	
04/18/03	<0.50	<0.50	<0.50	
<b>Well Removed from Remaining Sampling Schedule per WDNR, July 2003.</b>				
MW-3	12/28/93	na	nd	111
	03/25/94	na	1.5	93
	08/23/94	na	5.6	140
	02/01/95	A	A	A
	05/08/95	na	6.4	73.3
	08/03/95	na	1.9	190

**Table 2. Groundwater Analytical Results  
R.E. Phelon Co., Inc. - Lomira, Wisconsin**

DRAFT

Well	Date	Parameters (µg/L)		
		1,1-Dichloroethane	1,1-Dichloroethene	1,1,1-Trichloroethane
<b>NR 140 Groundwater Quality Standards (April 2001)</b>				
Preventive Action Limit (PAL)		85	0.7	40
Enforcement Standard (ES)		850	7	200
MW-3 Continued	11/01/95	na	nd	3.4
	05/09/96	na	nd	2.5
	11/20/96	na	nd	nd
	05/13/97	na	nd	1.7
	08/07/97	na	nd	1.8
	11/10/97	na	nd	3
	02/20/98	na	nd	3.4
	05/14/98	na	nd	0.3
	08/28/98	na	nd	nd
	12/02/98	nd	nd	2.2
	03/17/99	nd	nd	nd
	05/19/99	nd	nd	0.57
	09/10/99	nd	nd	0.68
	12/09/99	nd	nd	0.56
<b>Well abandoned in August 2000 during Remediation Activities.</b>				
MW-4	03/25/94	na	nd	nd
	08/23/94	na	nd	nd
	02/01/95	na	nd	nd
	05/05/95	na	nd	nd
<b>No sampling required by WDNR since 5/8/95. Well also abandoned in 2000.</b>				
MW-5	03/25/94	na	10.3	296
	08/23/94	na	1.1	50.5
	02/01/95	B	B	B
	05/08/95	na	3.7	51.7
	08/03/95	na	nd	nd
	11/01/95	na	nd	2.5
	05/09/96	na	nd	2.1
	11/20/96	B	B	B
	05/13/97	na	nd	1.9
	08/07/97	na	nd	2.9
	11/10/97	B	B	B
	02/20/98	B	B	B
	05/14/98	na	nd	19
	08/28/98	na	3.2	50
	12/02/98	B	B	B
	03/17/99	1.2	3.3	79
	05/19/99	nd	4.1	75
	09/10/99	4.5	21	140
	12/09/99	B	B	B
	12/27/00	D	D	D
	04/05/01	1.5	6.9	92
	07/30/01	3.9	20	130
	10/19/01	2.6	13	94
	01/16/02	2.5	13	86
	04/19/02	1.3	5.2	45
	07/11/02	3.5	18	120
	10/11/02	2.2	8.5	75
	01/08/03	B	B	B
	04/18/03	Dry	Dry	Dry
	10/14/03	Dry	Dry	Dry
	10/20/04	Dry	Dry	Dry
	04/21/05	23	28	230
04/24/06	11	10	100	
04/27/07	18	15	140	
08/19/08	47	45	480	
02/09/09	Dry	Dry	Dry	
09/04/09	16	19	140	
03/25/10	4.4	5.8	58	

**Table 2. Groundwater Analytical Results**  
**R.E. Phelon Co., Inc. - Lomira, Wisconsin**

DRAFT

Well	Date	Parameters (µg/L)		
		1,1-Dichloroethane	1,1-Dichloroethene	1,1,1-Trichloroethane
<b>NR 140 Groundwater Quality Standards (April 2001)</b>				
Preventive Action Limit (PAL)		85	0.7	40
Enforcement Standard (ES)		850	7	200
MW-6	03/17/99	1.4	2.6	72
	05/19/99	0.82	4.0	91
	09/10/99	0.68	4.9	92
	12/09/99	nd	4.2	72
	12/27/00	1.3	0.98	20
	04/05/01	0.72	1.30	22
	07/30/01	5.7	16	280
	10/19/01	3.4	9.2	170
	01/16/02	3.7	9.2	160
	04/19/02	4.5	7.0	130
	07/11/02	8.7	17	260
	10/11/02	11	18	320
	01/08/03	2.7	3.5	66
	04/18/03	2.3	3.5	77
	07/11/03	9.8	12	180
	10/14/03	2.2	1.4	35
	01/09/04	15	19	280 J
	03/19/04	15	28	380
	04/22/04	24	34	480
	07/30/04	34	54	490
	10/20/04	31	44	570
	01/21/05	8.3	8.7	120
	04/21/05	28	32	480
	07/28/05	5.4	5.8	84
	10/17/05	7.4	7.8	95
	01/06/06	5.1	5.2	67
	04/24/06	16	20	250
	08/15/06	19	18	230
	10/13/06	9.5	5.6	69
	01/11/07	15	13	140
	04/27/07	22	21	300
08/13/07	23	20	260	
10/15/07	17	16	220	
08/19/08	18	18	240	
02/09/09	9.2	6.2	64	
09/04/09	12	11	150	
03/25/10	16	12	170	
MW-7	12/27/00	150	42.0	430
	04/05/01	100	12.0	250
	07/30/01	75	8.0	220
	10/19/01	57	6.4	160
	01/16/02	49	6.6	150
	04/19/02	38	3.1	120
	07/11/02	30	2.8	92
	10/11/02	44	6.1	150
	01/08/03	18	2.6	68
	04/18/03	22	2.4	81
	10/14/03	14	2.5	100
	10/20/04	14	2.7	97
	04/21/05	8.8	1.9	65
	04/24/06	6.4	2.9	56
	04/27/07	<0.50	<0.50	27
	08/19/08	4.0	1.6J	59
	02/09/09	1.5J	<0.50	25
09/04/09	0.93J	<0.50	18	
03/25/10	0.93J	<0.50	19	

**Table 2. Groundwater Analytical Results  
R.E. Phelon Co., Inc. - Lomira, Wisconsin**

DRAFT

Well	Date	Parameters (µg/L)		
		1,1-Dichloroethane	1,1-Dichloroethene	1,1,1-Trichloroethane
<b>NR 140 Groundwater Quality Standards (April 2001)</b>				
Preventive Action Limit (PAL)		85	0.7	40
Enforcement Standard (ES)		850	7	200
MW-8	10/13/06	<0.50	<0.50	<0.50
	01/11/07	<0.50	<0.50	<0.50
	04/27/07	<0.50	<0.50	<0.50
	08/13/07	<0.50	<0.50	<0.50
	10/15/07	<0.50	<0.50	<0.50
<b>Well removed from Remaining Sampling Schedule per WDNR, 2007</b>				
MW-9	10/13/06	1.3Ja	1.5Ja	43
	01/11/07	0.54Ja	0.91Ja	26
	04/27/07	1.1J	2.1	32
	08/13/07	<0.50	0.50J	13
	10/15/07	<0.50	<0.50	10
<b>Well removed from Remaining Sampling Schedule per WDNR, 2007</b>				
MW-10	10/13/06	<0.50	<0.50	1.4Ja
	01/11/07	<0.50	<0.50	1.3Ja
	04/27/07	<0.50	<0.50	1.2J
<b>Well removed from Remaining Sampling Schedule per WDNR, 2007</b>				
P-1	05/25/94	na	3.6	58
	08/23/94	na	4.3	45.8
	02/01/95	na	3.2	29.7
	05/08/95	na	5.3	42.4
	08/03/95	na	nd	nd
	11/01/95	na	nd	21
	05/09/96	na	4.9	60.0
	11/20/96	na	nd	51
	05/13/97	na	5.8	130
	08/07/97	na	6.1	96
	11/10/97	na	3.1	87
	02/20/98	na	3.3	74
	05/14/98	na	3.4	45
	08/28/98	na	2.1	42
	12/02/98	5.9	4.0	45
	03/17/99	12	4.2	91
	05/19/99	11	3.2	73
	09/10/99	8.6	3.7	51
	12/09/99	nd	2.6	32
	12/27/00	49	19.0	190
	04/05/01	47	16.0	200
	07/30/01	59	23.0	250
	10/19/01	47	18.0	200
	01/16/02	46	15.0	190
	04/19/02	38	12.0	150
	07/11/02	39	15	160
	10/11/02	45	16	190
	01/08/03	38	14	160
	04/18/03	58	16	200
	10/14/03	44	11	150
	04/22/04	40	14	140
	10/20/04	42	14	130
	04/21/05	39	15	120
10/17/05	39	15	110	
04/24/06	24	8.2	51	
10/13/06	30	11	74	
04/27/07	2.8	0.94J	6.8	
08/19/08	6.0	2.9	23	
02/09/09	4.2	2.3	16	
09/04/09	0.65J	<0.50	2.2	
03/25/10	8.4	3.8	22	

**Table 2. Groundwater Analytical Results**  
**R.E. Phelon Co., Inc. - Lomira, Wisconsin**

DRAFT

Well	Date	Parameters (µg/L)		
		1,1-Dichloroethane	1,1-Dichloroethene	1,1,1-Trichloroethane
<b>NR 140 Groundwater Quality Standards (April 2001)</b>				
Preventive Action Limit (PAL)		85	0.7	40
Enforcement Standard (ES)		850	7	200
P-2	05/25/94	na	2.4	53.5
	08/23/94	na	1.8	40.5
	02/01/95	na	0.7	5.2
	05/08/95	na	2.0	17.6
	08/03/95	na	nd	25
	11/01/95	na	4.4	77
	05/09/96	na	13	100
	11/20/96	na	18	600
	05/13/97	na	12	310
	08/07/97	na	14	420
	11/10/97	na	nd	380
	02/20/98	na	17	370
	05/14/98	na	2.1	320
	08/28/98	na	18	380
	12/02/98	42	29	310
	03/17/99	28	11	240
	05/19/99	35	12	280
	09/10/99	4.4	nd	40
	12/09/99	nd	13	140
	12/27/00	96	31	270
	04/05/01	58	16	210
	07/30/01	73	25	290
	10/19/01	56	21	240
	01/16/02	50	18	220
	04/19/02	45	15	190
	07/11/02	40	13	170
	10/11/02	44	16	190
	01/08/03	46	16	190
	04/18/03	72	16	230
	10/14/03	57	14	170
	04/22/04	41	13	140
	10/20/04	45	12	110
	04/21/05	32	11	110
10/17/05	33	8.8	81	
04/24/06	27	9.0	80	
10/13/06	32	7.1	51	
04/27/07	9.6	5.4	46	
08/19/08	17	8.6	74	
02/09/09	9.5	5.5	33	
09/04/09	10	4.8	29	
03/25/10	16	6.1	38	
P-3	05/11/95	na	nd	29.9
	08/03/95	na	nd	17
	11/01/95	na	1.6	19
	05/09/96	na	2.9	37
	11/20/96	na	2.6	41
	05/13/97	na	2	31
	08/07/97	na	2.8	34
	11/10/97	na	2.1	44
	02/20/98	na	2.6	41
	05/14/98	na	2.9	48
	08/28/98	na	2.7	50
	12/02/98	3.8	3.2	35
	03/17/99	4.7	2.7	57
	05/19/99	4.6	3.1	57
	09/10/99	4.3	1.9	36
	12/09/99	nd	2.3	33
	12/27/00	4.0	2.8	43

**Table 2. Groundwater Analytical Results  
R.E. Phelon Co., Inc. - Lomira, Wisconsin**

DRAFT

Well	Date	Parameters (µg/L)		
		1,1-Dichloroethane	1,1-Dichloroethene	1,1,1-Trichloroethane
<b>NR 140 Groundwater Quality Standards (April 2001)</b>				
Preventive Action Limit (PAL)		85	0.7	40
Enforcement Standard (ES)		850	7	200
P-3 Continued	04/05/01	4.2	4.1	57
	07/30/01	5.3	4.8	64
	10/19/01	5.6	5.6	70
	01/16/02	E	E	E
	04/19/02	5.6	4.6	66
	07/11/02	7.5	7.4	48
	10/11/02	5.8	4.9	71
	01/08/03	7.5	5.6	82
	04/18/03	6.0	5.1	73
	07/11/03	5.4	5.4	70
	10/14/03	6.7	6.4	82
	01/09/04	2.5	2.5	28
	04/22/04	0.7	0.8	9.4
	07/30/04	1.6	0.57	25
	10/20/04	0.82	0.68	8.6
	01/21/05	1.3	1.3	17
	04/21/05	<0.50	<0.50	2.6
	07/28/05	<0.50	<0.50	2.4
	10/17/05	<0.50	<0.50	5.7
	01/06/06	<1.7	<1.7	0.88Q
	04/24/06	<0.50	<0.50	2.0
	08/15/06	<0.50	<0.50	3.6
	10/13/06	<0.50	<0.50	0.90Ja
01/11/07	<0.50	<0.50	<0.50	
04/27/07	<0.50	<0.50	<0.50	
08/19/08	<0.50	<0.50	<0.50	
Well removed from Remaining Sampling Schedule per WDNR, 2008				
P-4	03/17/99	41	25	260
	05/19/99	64	44	360
	09/10/99	62	49	350
	12/09/99	nd	36	240
	12/27/00	71	19	140
	04/05/01	66	18	140
	07/30/01	85	27	200
	10/19/01	73	20	150
	01/16/02	70	18	150
	04/19/02	70	14	130
	07/11/02	64	17	120
	10/11/02	64	18	140
	01/08/03	56	18	140
	04/18/03	86	24	160
	10/14/03	59	16	110
	10/20/04	75	16	100
	04/21/05	51	12	69
	04/24/06	54	9.9	58
	04/27/07	46	10	45
	08/19/08	57	13	46
P-5	02/09/09	21	4.1	14
	09/04/09	44	6.8	31
	03/25/10	59	14	52
	03/17/99	28	5.9	79
	05/19/99	27	7.7	98
	09/10/99	50	8.8	110
	12/09/99	nd	9	100
	12/27/00	76	13	150
	04/05/01	46	9.4	130
	07/30/01	60	20	220
10/19/01	42	15	190	

**Table 2. Groundwater Analytical Results**  
**R.E. Phelon Co., Inc. - Lomira, Wisconsin**

DRAFT

Well	Date	Parameters (µg/L)		
		1,1-Dichloroethane	1,1-Dichloroethene	1,1,1-Trichloroethane
<b>NR 140 Groundwater Quality Standards (April 2001)</b>				
Preventive Action Limit (PAL)		85	0.7	40
Enforcement Standard (ES)		850	7	200
P-5 Continued	01/16/02	34	14	190
	04/19/02	28	11	160
	07/11/02	27	11	150
	10/11/02	39	14	190
	01/08/03	34	14	200
	04/18/03	42	14	230
	07/11/03	25	11	130
	10/14/03	25	9.1	120
	01/09/04	25	8.1	110
	04/22/04	20	8.7	110
	07/30/04	16	6.2	82
	10/20/04	27	11	120
	01/21/05	18	6.3	76
	04/21/05	24	8.9	98
	07/28/05	14	4.5	49
	10/17/05	17.0	4.8	55
	01/06/06	20	5.7	58
	04/24/06	19	4.9	51
	08/15/06	16	6.6	69
	10/13/06	17	4.9	49
	01/11/07	18	5.3	50
	04/27/07	13	6.2	56
	08/13/07	15	6.0	59
	10/15/07	12	4.1	44
08/19/08	12	8.6	87	
02/09/09	11	7.2	61	
09/04/09	1.5J	0.91J	7.0	
03/25/10	12	5.1	45	
P-6	04/22/04	7.2	11	150
	07/30/04	6.1	2.8	110
	10/20/04	8.1	13	150
	01/21/05	5.4	7.1	91
	04/21/05	8.4	12	150
	07/28/05	4.5	7.0	91
	10/17/05	4.3	6.9	76
	01/06/06	3.5	5.8	61
	04/24/06	4.8	8.5	78
	08/15/06	4.4	6.1	69
	10/13/06	4.6	6.9	73
	01/11/07	4.8	7.6	78
	04/27/07	3.8	5.6	64
	08/13/07	4.0	5.0	51
	10/15/07	3.6	4.5	51
	08/19/08	4.5	5.2	49
	02/09/09	3.9	5.5	50
09/04/09	4.0	3.6	41	
03/25/10	4.7	7.0	51	
Village Well #1	08/19/08	<0.50	<0.50	<0.50
	02/09/09	<0.50	<0.50	<0.50
	09/04/09	<0.50	<0.50	<0.50
	03/25/10	<0.50	<0.50	<0.50
Village Well #2 (VW-2)	08/23/94	na	nd	0.8
	02/01/95	na	1.5	21.2
	05/08/95	na	nd	1.2
	08/03/95	na	nd	17
	11/01/95	na	nd	1.7
	05/09/96	na	nd	nd
	11/20/96	na	nd	14

**Table 2. Groundwater Analytical Results**  
**R.E. Phelon Co., Inc. - Lomira, Wisconsin**

DRAFT

Well	Date	Parameters (µg/L)		
		1,1-Dichloroethane	1,1-Dichloroethene	1,1,1-Trichloroethane
<b>NR 140 Groundwater Quality Standards (April 2001)</b>				
Preventive Action Limit (PAL)		85	0.7	40
Enforcement Standard (ES)		850	7	200
VW-2 Continued	05/13/97	na	0.88	11
	08/07/97	na	nd	0.57
	11/10/97	na	nd	0.54
	02/20/98	na	nd	0.8
	05/14/98	na	nd	nd
	08/28/98	na	nd	3.1
	12/02/98	nd	nd	0.7
	03/17/99	nd	nd	7.6
	05/19/99	nd	nd	nd
	09/10/99	nd	nd	nd
	12/09/99	nd	nd	0.49
	12/27/00	0.66	0.92	12
	04/05/01	0.40	0.69	9.4
	07/30/01	nd	nd	77
	10/19/01	nd	nd	nd
	01/16/02	nd	nd	0.44
	04/19/02	0.79	0.88	11
	07/11/02	<0.25	<0.25	0.58
	10/11/02	<0.25	<0.25	2.5
	01/08/03	<0.50	<0.50	<0.50
	04/18/03	<0.50	0.65	9.7
	07/11/03	<0.50	<0.50	<0.50
	10/14/03	<0.50	<0.50	<0.50
	01/09/04	<0.50	<0.50	<0.50
	04/22/04	<0.50	<0.50	<0.50
	07/30/04	<0.50	<0.50	<0.50
	10/20/04	<0.50	<0.50	<0.50
	01/21/05	<0.50	<0.50	<0.50
	04/21/05	<0.50	<0.50	<0.50
	07/28/05	<0.50	<0.50	<0.50
10/17/05	<0.50	<0.50	<0.50	
01/06/06	<1.7	<1.7	<1.7	
04/24/06	<0.50	<0.50	<0.50	
08/15/06	<0.50	<0.50	<0.50	
10/13/06	<0.50	<0.50	<0.50	
01/11/07	<0.50	<0.50	<0.50	
04/27/07	<0.50	<0.50	<0.50	
10/15/07	<0.50	<0.50	<0.50	
08/19/08	<0.50	<0.50	<0.50	
02/09/09	<0.50	<0.50	<0.50	
09/04/09	<0.50	<0.50	<0.50	
03/25/10	<0.50	<0.50	0.55J	
Farm Well	02/20/98	na	nd	9.2
	05/14/98	na	nd	2.6
	08/28/98	na	nd	9.4
	12/02/98	nd	0.76	11
	03/17/99	nd	nd	2
	05/19/99	nd	nd	2
	09/10/99	nd	nd	nd
	12/09/99	nd	nd	2.5
	04/05/01	nd	nd	0.46
	07/30/01	0.36	0.48	7.7
	10/19/01	nd	nd	0.68
	01/16/02	nd	nd	nd
	04/19/02	<0.25	<0.25	1
	07/11/02	<0.25	<0.25	<0.25
	10/11/02	<0.25	<0.25	0.83
01/08/03	<0.50	1.2	13	

**Table 2. Groundwater Analytical Results**  
**R.E. Phelon Co., Inc. - Lomira, Wisconsin**

DRAFT

Well	Date	Parameters (µg/L)		
		1,1-Dichloroethane	1,1-Dichloroethene	1,1,1-Trichloroethane
<b>NR 140 Groundwater Quality Standards (April 2001)</b>				
Preventive Action Limit (PAL)		85	0.7	40
Enforcement Standard (ES)		850	7	200
<i>Farm Continued</i>	04/18/03	<0.50	0.58	9.2
	07/11/03	<0.50	<0.50	2.0
	10/14/03	0.61	<u>0.75</u>	12.0
	01/09/04	<0.50	<0.50	4.0
	04/22/04	<0.50	<0.50	0.96
	07/30/04	<0.50	<0.50	0.60
	10/20/04	<0.50	<0.50	1.2
	01/21/05	<0.50	<0.50	9.3
	04/21/05	<0.50	<0.50	2.0
	07/28/05	0.97	<u>0.91</u>	12
	10/17/05	0.9	<u>1.1</u>	16
	01/06/06	0.74Q	<u>0.96Q</u>	13
	04/24/06	<0.50	<0.50	3.3
	08/15/06	<0.50	0.58	5.3
	10/13/06	1.1Ja	<u>1.4Ja</u>	16
	01/11/07	0.72Ja	<u>1.2Ja</u>	13
	04/27/07	<0.50	<0.50	1.4J
	10/15/07	<0.50	<0.50	1.1
	08/19/08	<0.50	<0.50	0.56J
	02/09/09	<0.50	<0.50	2.8
09/04/09	<0.50	<0.50	1.1J	
03/25/10	<0.50	<0.50	<u>0.59J</u>	

Notes:

- na: Parameter not analyzed
- nd: Parameter not detected.
- A: Ice was present in the well MW-3 and prohibited groundwater sampling.
- B: Groundwater elevation below bottom of well MW-5: prohibited groundwater sampling.
- D: Wells MW-2 and MW-5 not sampled during 12/27/00, unable to locate due to excess snow.
- E: Unable to be sampled due to gravel and hard-packed snow.
- 1: Bold/underlined values exceed NR140 Enforcement Standard (ES) and the underlined/italicized values exceed NR140 Preventive Action Limit (PAL).

**TABLE 2**  
**GROUNDWATER ANALYTICAL RESULTS - SELECTED VOC COMPOUNDS**  
 990 Richards Street, Lomira, WI

Sample ID	Sample Date	ANALYTICAL PARAMETERS							
		1,1,1-Trichloro ethane (ug/l)	1,1-Dichloro ethane (ug/l)	1,1-Dichloro ethene (ug/l)	Tetrachloro ethene (ug/l)	Trichloro ethene (ug/l)	cis-1,2 DCE (ug/l)	trans-1,2 DCE (ug/l)	Vinyl Chloride (ug/l)
B-1001	5/7/2010	<90.0	<0.75	<0.57	<0.45	<0.48	<0.83	<0.89	<0.18
B-1002	5/7/2010	39.8	0.89	<0.57	<0.45	<0.48	<0.83	<0.89	<0.18
→ P-6	9/24/2010	1.3	<0.75	<0.57	<b>1.6</b>	<0.48	<0.83	<0.89	<0.18
Trip Blank		<90.0	<0.75	<0.57	<0.45	<0.48	<0.83	<0.89	<0.18
NR 140.10 Preventive Action Limit		40	85	0.7	0.5	0.5	7	20	0.02
NR 140.10 Enforcement Standard		200	850	7	5	5	70	100	0.2

Notes: **BOLD** Preventative Action Limit (PAL) exceedance  
**BOLD** Enforcement Standard (ES) exceedance

final GW sample from P-6

**TABLE 2**  
**GROUNDWATER ANALYTICAL RESULTS - SELECTED VOC COMPOUNDS**  
 990 Richards Street, Lomira, WI

Sample ID	Sample Date	ANALYTICAL PARAMETERS							
		1,1,1-Trichloro ethane (ug/l)	1,1-Dichloro ethane (ug/l)	1,1-Dichloro ethene (ug/l)	Tetrachloro ethene (ug/l)	Trichloro ethene (ug/l)	cis-1,2 DCE (ug/l)	trans-1,2 DCE (ug/l)	Vinyl Chloride (ug/l)
B-1001	5/7/2010	<90.0	<0.75	<0.57	<0.45	<0.48	<0.83	<0.89	<0.18
B-1002	5/7/2010	39.8	0.89	<0.57	<0.45	<0.48	<0.83	<0.89	<0.18
P-6	9/24/2010	1.3	<0.75	<0.57	<b>1.6</b>	<0.48	<0.83	<0.89	<0.18
Trip Blank		<90.0	<0.75	<0.57	<0.45	<0.48	<0.83	<0.89	<0.18
NR 140.10 Preventive Action Limit		40	85	0.7	0.5	0.5	7	20	0.02
NR 140.10 Enforcement Standard		200	850	7	5	5	70	100	0.2

Notes: **BOLD** Preventative Action Limit (PAL) exceedance  
**BOLD** Enforcement Standard (ES) exceedance

**Table 1. Groundwater Elevation Results**  
**R.E. Phelon Co., Inc. - Lomira, Wisconsin**

**DRAFT**

Monitoring Location*	Top of PVC Elevation (feet)	Ground Surface Elevation (feet)	Total Well Depth (feet)	Well Bottom Elevation (feet)	Monitoring Date	Depth to Water (feet)	Groundwater Elevation (feet)
MW-2 Date from 1994 through 2005 hidden - can be provided upon request	1031.47	1031.68	17.62	1013.85	12/12/93	13.65	1,017.82
					01/06/06	15.83	1,015.64
					04/24/06	8.64	1,022.83
					08/15/06	13.80	1,017.67
					10/13/06	14.95	1,016.52
					01/11/07	11.67	1,019.80
					04/27/07	8.85	1,022.62
					08/13/07	12.85	1,018.62
					10/15/07	13.19	1,018.28
					08/19/08	11.30	1,020.17
					02/09/09	13.92	1,017.55
					09/04/09	13.30	1,018.17
					03/25/10	9.06	1,022.41
MW-5 Date from 1994 through 2005 hidden - can be provided upon request	1032.23	1032.26	15.11	1017.12	03/25/94	11.11	1,021.12
					01/06/06	15.29	1,016.94
					04/24/06	9.89	1,022.34
					08/15/06	14.81	1,017.42
					10/13/06	C	C
					01/11/07	12.82	1,019.41
					04/27/07	10.15	1,022.08
					08/13/07	13.97	1,018.26
					10/15/07	14.28	1,017.95
					08/19/08	12.44	1,019.79
					02/09/09	C	C
					09/04/09	14.30	1,017.93
					03/25/10	10.32	1,021.91
MW-6 Date from 1999 through 2005 hidden - can be provided upon request	1036.00	1036.31	32.30	1003.70	03/17/99	24.11	1,011.89
					01/06/06	27.02	1,008.98
					04/24/06	22.37	1,013.63
					08/15/06	14.81	1,021.19
					10/13/06	27.21	1,008.79
					01/11/07	25.11	1,010.89
					04/27/07	24.80	1,011.20
					08/13/07	26.25	1,009.75
					10/15/07	26.78	1,009.22
					08/19/08	19.07	1,016.93
					02/09/09	27.29	1,008.71
					09/04/09	25.27	1,010.73
					03/25/10	20.22	1,015.78
MW-7 Date from 2001 through 2005 hidden - can be provided upon request	1031.20	1031.79	19.31		12/27/00	15.49	1,015.71
					01/06/06	12.37	1,018.83
					04/24/06	6.49	1,024.71
					08/15/06	12.38	1,018.82
					10/13/06	11.37	1,019.83
					01/11/07	8.80	1,022.40
					04/27/07	6.01	1,025.19
					08/13/07	10.38	1,020.82

**Table 1. Groundwater Elevation Results  
R.E. Phelon Co., Inc. - Lomira, Wisconsin**

**DRAFT**

Monitoring Location*	Top of PVC Elevation (feet)	Ground Surface Elevation (feet)	Total Well Depth (feet)	Well Bottom Elevation (feet)	Monitoring Date	Depth to Water (feet)	Groundwater Elevation (feet)
<i>MW-7 Continued</i>					10/15/07	10.68	1,020.52
					08/19/08	9.39	1,021.81
					02/09/09	10.90	1,020.30
					09/04/09	12.53	1,018.67
					03/25/10	5.90	1,025.30
MW-8	1039.34	1039.67	27.90	1011.44	10/13/06	21.03	1,018.31
					01/11/07	19.52	1,019.82
					04/27/07	18.51	1,020.83
					08/13/07	20.43	1,018.91
					10/15/07	20.83	1,018.51
					08/19/08	19.48	1,019.86
					02/09/09	22.04	1,017.30
					09/04/09	20.30	1,019.04
					03/25/10	18.52	1,020.82
MW-9	1030.67	1031.02	20.40	1010.27	10/13/06	14.21	1,016.46
					01/11/07	10.86	1,019.81
					04/27/07	8.34	1,022.33
					08/13/07	12.05	1,018.62
					10/15/07	12.38	1,018.29
					08/19/08	10.51	1,020.16
					02/09/09	13.46	1,017.21
					09/04/09	12.43	1,018.24
					03/25/10	8.51	1,022.16
MW-10	1031.85	1029.52	20.10	1011.75	10/13/06	15.45	1,016.40
					01/11/07	12.15	1,019.70
					04/27/07	9.41	1,022.44
					08/13/07	13.26	1,018.59
					10/15/07	13.57	1,018.28
					08/19/08	11.69	1,020.16
					02/09/09	14.71	1,017.14
					09/04/09	13.64	1,018.21
					03/25/10	9.62	1,022.23
P-1	1033.52	1031.59	41.48	992.04	05/18/94	29.98	1,003.54
Date from 1994 through 2005 hidden - can be provided upon request					01/06/06	33.28	1,000.24
					04/24/06	24.60	1,008.92
					08/15/06	28.89	1,004.63
					10/13/06	29.88	1,003.64
					01/11/07	26.29	1,007.23
					04/27/07	23.88	1,009.64
					08/13/07	27.86	1,005.66
					10/15/07	27.49	1,006.03
					08/19/08	24.24	1,009.28
					02/09/09	29.33	1,004.19
					09/04/09	26.52	1,007.00
					03/25/10	22.80	1,010.72

**Table 1. Groundwater Elevation Results  
R.E. Phelon Co., Inc. - Lomira, Wisconsin**

**DRAFT**

Monitoring Location*	Top of PVC Elevation (feet)	Ground Surface Elevation (feet)	Total Well Depth (feet)	Well Bottom Elevation (feet)	Monitoring Date	Depth to Water (feet)	Groundwater Elevation (feet)
P-2 Date from 1994 through 2005 hidden - can be provided upon request	1032.04	1032.36	39.62	992.42	05/18/94	28.01	1,004.03
					01/06/06	32.09	999.95
					04/24/06	23.26	1,008.78
					08/15/06	27.05	1,004.99
					10/13/06	28.02	1,004.02
					01/11/07	24.34	1,007.70
					04/27/07	21.89	1,010.15
					08/13/07	25.84	1,006.20
					10/15/07	25.50	1,006.54
					08/19/08	22.32	1,009.72
					02/09/09	27.42	1,004.62
					09/04/09	24.62	1,007.42
					03/25/10	20.77	1,011.27
P-3 Date from 1995 through 2005 hidden - can be provided upon request	1039.95	1040.29	54.01	985.94	05/18/95	38.66	1,001.29
					01/06/06	39.44	1,000.51
					04/24/06	30.71	1,009.24
					08/15/06	35.16	1,004.79
					10/13/06	36.08	1,003.87
					01/11/07	32.49	1,007.46
					04/27/07	30.01	1,009.94
					08/13/07	33.92	1,006.03
					10/15/07	33.68	1,006.27
					08/19/08	30.51	1,009.44
					02/09/09	35.72	1,004.23
					09/04/09	32.75	1,007.20
					03/25/10	28.95	1,011.00
P-4 Date from 1999 through 2005 hidden - can be provided upon request	1033.57	1030.94	41.02	992.55	03/17/99	20.47	1,013.10
					01/06/06	31.92	1,001.65
					04/24/06	22.59	1,010.98
					08/15/06	27.19	1,006.38
					10/13/06	28.39	1,005.18
					01/11/07	24.51	1,009.06
					04/27/07	21.98	1,011.59
					08/13/07	25.96	1,007.61
					10/15/07	25.75	1,007.82
					08/19/08	22.46	1,011.11
					02/09/09	27.80	1,005.77
					09/04/09	24.84	1,008.73
					03/25/10	20.96	1,012.61
P-5 Date from 1999 through 2005 hidden - can be provided upon request	1035.95	1036.30	48.30	987.65	03/17/99	27.05	1,008.90
					01/06/06	33.94	1,002.01
					04/24/06	24.70	1,011.25
					08/15/06	29.59	1,006.36
					10/13/06	30.61	1,005.34
					01/11/07	26.74	1,009.21
					04/27/07	24.08	1,011.87
					08/13/07	28.30	1,007.65

**Table 1. Groundwater Elevation Results  
R.E. Phelon Co., Inc. - Lomira, Wisconsin**

**DRAFT**

Monitoring Location*	Top of PVC Elevation (feet)	Ground Surface Elevation (feet)	Total Well Depth (feet)	Well Bottom Elevation (feet)	Monitoring Date	Depth to Water (feet)	Groundwater Elevation (feet)
<i>P-5 Continued</i>					10/15/07	28.01	1,007.94
					08/19/08	24.70	1,011.25
					02/09/09	29.94	1,006.01
					09/04/09	27.85	1,008.10
					03/25/10	22.91	1,013.04
P-6	1038.84	not measured	79.50	959.34	04/22/04	30.79	1,008.05
Date from 2004 through 2005 hidden - can be provided upon request					01/06/06	38.89	999.95
					04/24/06	30.39	1,008.45
					08/15/06	34.70	1,004.14
					10/13/06	35.61	1,003.23
					01/11/07	32.05	1,006.79
					04/27/07	29.62	1,009.22
					08/13/07	33.48	1,005.36
					10/15/07	33.30	1,005.54
					08/19/08	30.12	1,008.72
					02/09/09	35.00	1,003.84
					09/04/09	32.38	1,006.46
					03/25/10	28.54	1,010.30
					09/29/10	31.24	1007.60
B-1001	not surveyed		15.40		05/07/10	12.78	-
B-1002	not surveyed		15.04		05/07/10	11.20	-

**Notes:**

\* Wells MW-1, MW-3, and MW-4 not included on the table as they were abandoned in 2000.

A: Elevations referenced to North American Vertical Datum (1988) - Surveyed April 1999.

B: Ice was present in the well MW-3 and prohibited groundwater measurement or sampling.

C: Groundwater elevation below the bottom of well MW-5, prohibiting groundwater sampling/measurement.

D: Wells could not be opened due to ice, snow, or gravel cover.



Alpha Terra Science, Inc.  
1237 Pilgrim Road, Plymouth, WI 53073  
TEL 920/892-2444 FAX 920/892-2620  
Website: www.alphaterra.net  
E-mail: alphaterra@alphaterra.net

August 12, 2011

Mr. Theodore Fleisner  
Badger Corporation, Inc.  
990 Richard Street  
Lomira, WI 53048

**RE: Former R. E. Phelon Co., Inc. (WI Div) Facility  
990 Richard Street  
Village of Lomira, Dodge County, Wisconsin  
BRRTS Activity Number: 02-14-001619**

Dear Mr. Fleisner:

As you are aware, Alpha Terra Science, Inc. (Alpha Terra) of behalf of Badger Corporation, Inc. (Badger) is seeking site closure from the Wisconsin Department of Natural Resources (WDNR) for the subject site. Remediation activities were completed by Alpha Terra and Natural Resource Technology (NRT) on behalf of R. E. Phelon Co., Inc. at the subject property.

Soil and groundwater contamination that appears to have originated on the former R. E. Phelon Co., Inc. facility (currently owned by Badger) exists at the property located at 990 Richard Street in the Village of Lomira at concentrations that exceed the appropriate standards found in chapters NR 720 and NR 140, Wisconsin Administrative Code. Alpha Terra believes that the groundwater contaminant plume is stable or receding and will naturally degrade over time, and also believes that allowing natural attenuation to complete the cleanup at this site will meet the requirements for case closure found in chapter NR 726 and chapter NR 746, Wisconsin Administrative Code. Alpha Terra will be requesting that WDNR accept natural attenuation as the final remedy for this site and grant case closure. Closure means that the WDNR will not be requiring any further investigation or cleanup action to be taken, other than the reliance on natural attenuation.

Since you are not the identified responsible party, neither you nor any subsequent owner of your property will be held responsible for investigation or cleanup of this 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, and follow the requirements outlined in the site Cap Maintenance Plan.

If this case is closed, all properties within the boundary where soil and groundwater contamination exceeds chapter NR 720 residual contaminant levels and NR 140 groundwater enforcement standards will be listed on the Wisconsin 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 soil and/or groundwater contamination above appropriate 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 legal description of your property provided below, and sign a copy of this letter confirming that the legal description is correct.

Legal Description: PT SE1/4 NE1/4 SEC 15 BEG 259.87 FT W OF  
SE COR SD ¼ 1/4 TH CONT W 348.46 FT TH N  
623 FT TH E 349.34 FT TH S 622.98 FT TO POB  
DESC IN V546 P27

Parcel/Pin Number 146-1317-1514-001

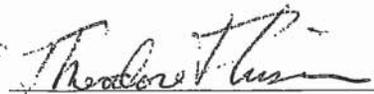
Should you or any subsequent property owner wish to construct or reconstruct a well on your property in the vicinity of the contamination, special well construction standards may be necessary to protect the well from the residual groundwater contamination. Any well driller who proposes to construct a well on your property in the future will first need to call the Diggers Hotline (1-800-242-8511) 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. Special well construction techniques may require installation of casing below a targeted depth, or other methods.

Once WDNR makes a decision on the closure request, it will be documented in a letter. If the Department grants closure, you should receive a copy of this letter. A copy of the closure letter will also included as part of the site file on the GIS Registry of Closed Remediation Sites at: <http://dnrmaps.wi.gov/imf/imf.jsp?site=brrts2>.

Sincerely,

  
Mark Murray, P. G.  
Geologist

My signature below confirms that I have received a copy of this letter, and the legal description described within is correct to the best of my knowledge.

  
Mr. Theodore Fleisner, Badger Corporation, Inc.

10-14-2011  
Date

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="999 N Water St, Lomira, WI"/>	<input type="text" value="146-1317-1514-009"/>	<input type="text" value="645853"/>	<input type="text" value="348042"/>
<input type="text" value="B"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<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"/>



MASTER FILE COPY  
PROJECT # 1015 - Corr  
CO: \_\_\_\_\_

Mr. Brian Koll  
Village of Lomira  
549 Church Street  
Lomira, WI 53048

January 2, 2008  
(1015)

Re: Closure Request Notification Related to Groundwater Investigation of the R.E. Phelon Co. Inc.  
Facility, Lomira, Wisconsin

Dear Mr. Koll:

On behalf of the R.E. Phelon Co. Inc. (Phelon), Natural Resource Technology, Inc. (NRT) is informing the Village of Lomira that they are seeking site closure for the groundwater impacts that have been observed on the water tower property located just east of the Phelon facility.

As you are aware, groundwater contamination that appears to have originated on the Phelon property located at 990 Richard Street has migrated onto the Village of Lomira water tower and maintenance garage property located at 999 N. Water Street. The levels of trichloroethane (TCA) and 1,1-dichloroethene (DCE) contamination in the groundwater on your property are above the state groundwater enforcement standards found in chapter NR 140, Wisconsin Administrative Code.

Based on historic groundwater sampling results, it appears that the groundwater contaminant plume is generally stable and will naturally degrade over time, and 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 Wisconsin Administrative Code. Thus, Phelon will be requesting that the Wisconsin Department of Natural Resources (WDNR) accept natural attenuation as the final remedy for this site and grant case closure. Closure means that the WDNR will not be requiring any further investigation or cleanup action to be taken, other than the reliance on natural attenuation."

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

The WDNR will not review the 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 WDNR 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 WDNR that is relevant to this closure request, you should mail that information to:

Ms. Denise Nettesheim  
WDNR  
3911 Fish Hatchery Road  
Fitchburg WI 53711  
608.275.3209 (phone)

Mr. Brian Koll  
January 2, 2008  
Page 2

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 WDNR 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 WDNR internet web site. Please review the legal description of your property listed below and notify me within the next 30 days if the legal description is incorrect.

Lot 1 of CSM 3670 in Volume 22 Page 119, being part of the SE ¼, NE ¼  
Section 15, Township 13 North, Range 17 East.

Once the WDNR 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 <http://www.dnr.wi.gov/org/aw/rr/gis/index.htm>. A copy of the closure letter is included as part of the site file on the GIS Registry of Closed Remediation Sites."

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

Please call me at 262.522.1208 if you need more information. On behalf of Phelon and NRT, I would like to thank you for all of the help you have provided over the years.

Sincerely,

NATURAL RESOURCE TECHNOLOGY, INC.

  
Eric P. Kovatch, PG, PH  
Hydrogeologist

cc: Mr. David Prunty, R.E. Phelon Co., Inc.  
Mr. Duncan Moss, Godfrey & Kahn, S.C.

File:\1015-bkoll notification 071221



OFF-SOURCE  
A  
PROPERTY

**TRANSFER**  
\$ 86.40  
FEE

STATE BAR OF WISCONSIN FORM 5 - 1982  
PERSONAL REPRESENTATIVE'S DEED

THIS SPACE RESERVED FOR RECORDING DATA

Document # \_\_\_\_\_  
Received this 14 day of  
Feb. 1989 at 10:31 A.M.  
and recorded in Vol. 670  
of Records, Page 475  
DODGE COUNTY REGISTER OF DEEDS

Oris Westra  
Registrar

RETURN TO **Village of Lomira**  
**549 Church St.**  
**Lomira, WI 53048**

Norman Grantman and Melvin Elmer Grantman,  
\_\_\_\_\_  
\_\_\_\_\_, as Personal Representative of the estate of  
Melvin Grantman, also known as Melvin F.  
Grantman,

\_\_\_\_\_, ("Decedent"),  
for a valuable consideration conveys, without warranty, to  
the Village of Lomira, a municipal corporation,

\_\_\_\_\_, Grantee,  
the following described real estate in Dodge County,  
State of Wisconsin (hereinafter called the "Property"):

An undivided 1/2 interest in and to the  
following:

Tax Parcel No: \_\_\_\_\_

A parcel of land in the East 1/2 of the North East 1/4 of Section  
15, Township 13 North, of Range 17 East, Town of Lomira, Dodge  
County, Wisconsin, described as: Lot 2 of Certified Survey Map No.  
495 as recorded in Volume 6 of Surveys, on page 305, as Document No.  
607268, in the Office of the Register of Deeds, in and for Dodge  
County, Wisconsin.

612 NE 15-13-17

Personal Representative by this deed does convey to Grantee all of the estate and interest in the Property which  
the Decedent had immediately prior to Decedent's death, and all of the estate and interest in the Property which the  
Personal Representative has since acquired.

Dated this 3rd day of February, 1989,

Norman Grantman (SEAL)

Melvin Elmer Grantman (SEAL)

\* Norman Grantman  
Personal Representative

\* Melvin Elmer Grantman  
Personal Representative

**AUTHENTICATION**

**ACKNOWLEDGMENT**

Signature(s) \_\_\_\_\_

STATE OF WISCONSIN

ss.

Dodge County.

authenticated this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_

Personally came before me this 3rd day of  
February, 1989, the above named

Norman Grantman and Melvin Elmer  
Grantman, personal representatives

\*  
TITLE: MEMBER STATE BAR OF WISCONSIN

(If not,  
authorized by § 706.06, Wis. Stats.)

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

THIS INSTRUMENT WAS DRAFTED BY

Walter R. Schellpfeffer

\* Walter R. Schellpfeffer  
Notary Public, Dodge County, Wis.  
My Commission is permanent or has state expiration  
date: \_\_\_\_\_, 19\_\_\_\_

Walter R. Schellpfeffer  
cah

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

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

OFF-SOURCE  
A  
PROPERTY

STATE BAR OF WISCONSIN FORM 1-1982  
WARRANTY DEED

THIS SPACE RESERVED FOR RECORDING DATA

TRANSFER  
\$ 86.40  
FEE - N

Document # \_\_\_\_\_  
Received this 14 day of  
Feb. 19 89 at 10:31 AM  
and recorded in Vol. 670  
of Records, Page 474  
DODGE COUNTY REGISTER OF DEEDS

Oris Westra  
Registrar

RETURN TO Village of Lomira  
549 Church St.  
Lomira, WI 53048

This Deed, made between Norman E. Grantman  
Grantor,  
and the Village of Lomira, a municipal  
corporation,

Witnesseth, That the said Grantor, for a valuable consideration.....

conveys to Grantee the following described real estate in Dodge  
County, State of Wisconsin: An undivided 1/2 part in and  
to the following:

A parcel of land in the East 1/2 of the North  
East 1/4 of Section 15, Township 13 North, of  
Range 17 East, Town of Lomira, Dodge County,  
Wisconsin, described as: Lot 2 of Certified  
Survey Map No. 495 as recorded in Volume 6 of  
Surveys, on page 305, as Document No. 607268,  
in the office of the Register of Deeds, in and  
for Dodge county, Wisconsin.

Tax Parcel No: .....

6' 12" NE 15-13-17

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

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

And Norman E. Grantman,

warrants that the title is good, indefeasible in fee simple and free and clear of encumbrances except  
easements and restrictions of public record,

and will warrant and defend the same.

Dated this 3rd day of February, 19 89

..... (SEAL)

Norman E. Grantman (SEAL)

\* Norman E. Grantman

..... (SEAL)

..... (SEAL)

AUTHENTICATION

Signature(s) .....

authenticated this ..... day of ....., 19.....

TITLE: MEMBER STATE BAR OF WISCONSIN

(If not, .....  
authorized by § 706.06, Wis. Stats.)

THIS INSTRUMENT WAS DRAFTED BY

Walter R. Schellpfeffer  
cah

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

ACKNOWLEDGMENT

STATE OF WISCONSIN

Dodge County, } ss.

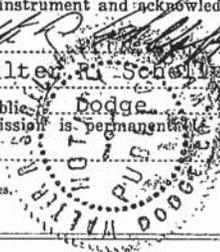
Personally came before me this 3rd day of  
February, 19 89 the above named

Norman E. Grantman

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

Walter R. Schellpfeffer

Notary Public, Dodge County, Wis.  
My Commission is permanent, expires date: ....., 19.....



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

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PROPERTY

**DODGE COUNTY LAND RECORDS**

Parcel 146-1317-1514-009

Tax Year 2012, Last Updated 10/05/2012

**General Property Information**

Parcel Number	146-1317-1514-009
Municipality	146 - VILLAGE OF LOMIRA
Property Address	999 N WATER ST LOMIRA
School District	LOMIRA
Technical College District	MPTC FOND DU LAC
Special District(s)	
Owner Name	VILLAGE OF LOMIRA
Mailing Address	VILLAGE OF LOMIRA 425 WATER ST  LOMIRA, WI 53048

**Recording Information****(Does Not Include Mortgages)**

Instrument	0814784	0723867	0723866
Document Type	CERTIFIED SURVEY MAP	ANNEXATION- CERTIFICATE OF	ORDINANCE
Recorded Date	09/18/1995	08/25/1989	08/25/1989
Document Date	09/12/1995	08/23/1989	08/22/1989
Transfer Tax*	Not Available	Not Available	Not Available

\*Transfer Tax is calculated at \$3 per \$1000 of the sales price.

**Property Assessment Information**

Land Class-Use	Acres	Land	Improvements	Total
3-04 Other Exempt Lands	2.000	\$0	\$0	\$0
Totals	2.000	\$0	\$0	\$0

Section-Town-Range 15-13-17

Tax Parcel Description\* LOT 1 OF CSM 3670 IN V22 P119 BEING PT SE1/4 NE1/4  
SEC 15

\*Tax Parcel Description is not the Legal Description. Please note that the Tax Parcel Description presented in this application is used to locate property in general terms only. The Tax Parcel Description should not be used as or confused with the Legal Description of a particular property (a legal description is far more precise than a tax parcel description).

**2012 Property Tax Information**

General Net	\$0.00
Lottery Credit	\$0.00
General Tax	\$0.00
Tax Totals	\$0.00

**Disclaimer of Accuracy of Data:** The above data was printed from the Dodge County Land Records System. The data contained in this system is

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PROPERTY

represent current or actual information pertaining to Dodge County's Parcels.

The user expressly agrees that use of Dodge County's web site is at the user's sole risk. Dodge County does not warrant that the service will be uninterrupted or error free. The documents, including tax forms and publications, published on this server could contain technical inaccuracies or typographical errors. Changes may be made periodically to the tax laws, administrative rules, tax releases and similar materials; these changes may or may not be incorporated in any new materials on the web site. However, existing documents will not be revised to incorporate changes occurring after the publication date.

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Current year assessment information may be subject to change due to continuous data entry or may be changed by the assessor at Open Book or Board of Review proceedings. Assessments are not finalized until the Board of Review has met.

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PROPERTY

# Dodge County, WI

- Parcels
  - Towns
  - ≡ Streets
  - Lakes and Rivers
  - Surrounding Counties
- 2006 Ortho Photo



MASTER FILE COPY  
PROJECT # 1015-Corr  
CO: \_\_\_\_\_

Mr. Geoffrey C. Nokes  
Director Environmental Control  
Canadian National - Wisconsin Central Division  
17641 S. Ashland Avenue  
Homewood, IL 60430

January 24, 2008  
(1015)

RE: Notification of Groundwater Contamination Beneath the Wisconsin Central Ltd. Right-of-Way  
Originating from 990 Richard Street (R.E. Phelon Co. Inc.), Lomira, Wisconsin

Dear Mr. Nokes:

On behalf of the R.E. Phelon Co. Inc. (Phelon), Natural Resource Technology, Inc. (NRT) is providing this notification of groundwater impacts beneath the Wisconsin Central Ltd. Right-of-Way (ROW), originating from the Phelon facility located at 990 Richard Street, Lomira, Wisconsin.

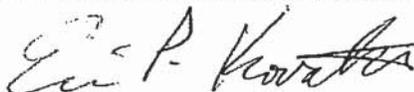
In 1999, NRT installed wells MW-6 and PZ-5 on the Village of Lomira water tower and maintenance garage property located at 999 N. Water Street to determine the horizontal and vertical extent of groundwater contamination. Groundwater flow is towards the east, and this property is east of and across the railroad tracks from the Phelon facility (Figure 2). Historic sampling results for well MW-6 (Table 2) show that the levels of trichloroethane (TCA) and 1,1-dichloroethene (DCE) contamination in the groundwater are above the state groundwater enforcement standards found in chapter NR 140, Wisconsin Administrative Code.

NRT is currently assembling a site closure request by the Wisconsin Department of Natural Resources (WDNR). Conditions of site closure include notifying the railroad of the residual groundwater impacts in the ROW. Therefore, this information is being provided to satisfy this condition.

Please contact me at 262.523.9000 if you have any questions regarding this information.

Sincerely,

NATURAL RESOURCE TECHNOLOGY, INC.



Eric P. Kovatch, PG, PH  
Senior Hydrogeologist

Enclosure: Figure 2  
Table 2

cc: Mr. David Prunty, R.E. Phelon (w/ attachments)  
Mr. Duncan Moss, Godfrey and Kahn (w/ attachments)

[File:1015-GNokes\_WCRR\_Notification 080122]