

# GIS REGISTRY

## Cover Sheet

July, 2008  
(RR 5367)

### Source Property Information

BRRTS #: 02-16-546762

ACTIVITY NAME: GENERAL ELECTRIC RAILCAR REPAIR SERV CORP

PROPERTY ADDRESS: 2105 N 58TH ST

MUNICIPALITY: SUPERIOR

PARCEL ID #: 08-808-04333-00

CLOSURE DATE: Feb 13, 2009

FID #: 816061950

DATCP #:

COMM #:

#### \*WTM COORDINATES:

X: 358625 Y: 690891

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

#### WTM COORDINATES REPRESENT:

Approximate Center Of Contaminant Source

Approximate Source Parcel Center

Please check as appropriate: (BRRTS Action Code)

#### Contaminated Media:

Groundwater Contamination > ES (236)

Contamination in ROW

Off-Source Contamination

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

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

Contamination in ROW

Off-Source Contamination

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

#### Land Use Controls:

Soil: maintain industrial zoning (220)

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

Structural Impediment (224)

Site Specific Condition (228)

Cover or Barrier (222)

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

Vapor Mitigation (226)

Maintain Liability Exemption (230)

*(note: local government or economic  
development corporation)*

Monitoring wells properly abandoned? (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 #:  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.)
- 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 #: H2 Title: Map of Survey - Lot "D", South Superior Jackson Division, Douglas County, Wisconsin**
- Signed Statement:** A statement signed by the Responsible Party (RP), which states that he or she believes that the attached legal description accurately describes the correct contaminated property.

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

Maps must be no larger than 8.5 x 14 inches unless the map is submitted electronically.

- Location Map:** A map outlining all properties within the contaminated site boundaries on a U.S.G.S. topographic map or plat map in sufficient detail to permit easy location of all parcels. If groundwater standards are exceeded, include the location of all potable wells within 1200 feet of the site.  
*Note: Due to security reasons municipal wells are not identified on GIS Packet maps. However, the locations of these municipal wells must be identified on Case Closure Request maps.*  
**Figure #: A2 Title: Site Vicinity 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 #: A3 Title: Pre-Remediation Sampling Location and Site Layout 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 #: D1(d) Title: Soil Cover System Extent; Former Building 5 Area**

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ACTIVITY NAME: GENERAL ELECTRIC RAILCAR REPAIR SERV CORP

**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 #: C3(a) Title: Regional Geologic Cross Section A-A'**

**Figure #: D1(f) Title: Geologic Cross Section E-E'**

- 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 #: NA Title:**

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

**Figure #: NA Title:**

**Figure #: Title:**

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

Tables must be no larger than 8.5 x 14 inches unless the table is submitted electronically. Tables must not contain shading and/or cross-hatching. The use of **BOLD** or *ITALICS* is acceptable.

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

**Table #: C1(d) Title: Post-Excavation Analytical Results - Soil**

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

**Table #: Title:**

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

**Table #: Title:**

**IMPROPERLY ABANDONED MONITORING WELLS**

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

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

- Not Applicable**

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

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

**Figure #: Title:**

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

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

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

BRRTS #: 02-16-546762

ACTIVITY NAME: GENERAL ELECTRIC RAILCAR REPAIR SERV CORP

## NOTIFICATIONS

### Source Property

- Letter To Current Source Property Owner:** If the source property is owned by someone other than the person who is applying for case closure, include a copy of the letter notifying the current owner of the source property that case closure has been requested.
- Return Receipt/Signature Confirmation:** Written proof of date on which confirmation was received for notifying current source property owner.

### Off-Source Property

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

- Letter To "Off-Source" Property Owners:** Copies of all letters sent by the Responsible Party (RP) to owners of properties with groundwater exceeding an Enforcement Standard (ES), and to owners of properties that will be affected by a land use control under s. 292.12, Wis. Stats.  
**Note:** Letters sent to off-source properties regarding residual contamination must contain standard provisions in Appendix A of ch. NR 726.  
**Number of "Off-Source" Letters: NA**
- Return Receipt/Signature Confirmation:** Written proof of date on which confirmation was received for notifying any off-source property owner.
- Deed of "Off-Source" Property:** The most recent deed(s) as well as legal descriptions, for all affected deeded **off-source property(ies)**. This does not apply to right-of-ways.  
**Note:** If a property has been purchased with a land contract and the purchaser has not yet received a deed, a copy of the land contract which includes the legal description shall be submitted instead of the most recent deed. If the property has been inherited, written documentation of the property transfer should be submitted along with the most recent deed.
- Letter To "Governmental Unit/Right-Of-Way" Owners:** Copies of all letters sent by the Responsible Party (RP) to a city, village, municipality, state agency or any other entity responsible for maintenance of a public street, highway, or railroad right-of-way, within or partially within the contaminated area, for contamination exceeding a groundwater Enforcement Standard (ES) and/or soil exceeding a Residual Contaminant Level (RCL) or a Site Specific Residual Contaminant Level (SSRCL).  
**Number of "Governmental Unit/Right-Of-Way Owner" Letters: NA**



## State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Jim Doyle, Governor  
Matthew J. Frank, Secretary  
John Gozdziński, Regional Director

Northern Region Headquarters  
107 Sutliff Avenue  
Rhinelander, Wisconsin 54501-3349  
Telephone 715-365-8900  
FAX 715-365-8932  
TTY Access via relay - 711

February 13, 2009

MR DAVE CLENDENEN  
GE RAILCAR REPAIR SERVICES CORP  
161 N CLARK ST  
SUITE 700  
CHICAGO IL 60601

SUBJECT: Final Case Closure with Land Use Limitations or Conditions  
Former GE Railcar Repair Facility, 2105 North 58<sup>th</sup> Street, Superior, Wisconsin  
WDNR BRRTS Activity #02-16-546762

Dear Mr. Clendenen:

On January 8, 2009, the Department of Natural Resources' Northern Region Closure Committee reviewed the above referenced case for closure. This committee reviews environmental remediation cases for compliance with state laws and standards to maintain consistency in the closure of these cases.

Based on the correspondence and data provided, it appears that your case meets the requirements of ch. NR 726, Wisconsin Administrative Code. The Department considers this case closed and no further investigation or remediation is required at this time.

### GIS Registry

The conditions of case closure set out below in this letter require that your site be listed on the Remediation and Redevelopment Program's GIS Registry. The specific reasons are summarized below:

- If a structural impediment that obstructs a complete site investigation or cleanup is removed or modified, additional environmental work must be completed
- Pavement; an engineered cover or a soil barrier must be maintained over contaminated soil and the state must approve any changes to this barrier

Information that was submitted with your closure request application will be included on the GIS Registry. To review the sites on the GIS Registry web page, visit the RR Sites Map page at <http://dnr.wi.gov/org/aw/rr/gis/index.htm>. If your property is listed on the GIS Registry because of remaining contamination and you intend to construct or reconstruct a well, you will need prior Department approval in accordance with s. NR 812.09(4)(w), Wis. Adm. Code. To obtain approval, Form 3300-254 needs to be completed and submitted to the DNR Drinking and Groundwater program's regional water supply specialist. This form can be obtained on-line at the web address listed above for the GIS Registry or at <http://dnr.wi.gov/org/water/dwg/3300254.pdf>.

### **Closure Conditions**

Please be aware that pursuant to s. 292.12 Wisconsin Statutes, compliance with the requirements of this letter is a responsibility to which you and any subsequent property owners must adhere. If these requirements are not followed or if additional information regarding site conditions indicates that contamination on or from the site poses a threat to public health, safety, welfare, or the environment, the Department may take enforcement action under s. 292.11 Wisconsin Statutes to ensure compliance with the specified requirements, limitations or other conditions related to the property or this case may be reopened pursuant to s. NR 726.09, Wis. Adm. Code. It is the Department's intent to conduct inspections in the future to ensure that the conditions included in this letter including compliance with referenced maintenance plans are met.

### **Structural Impediments**

Structural impediments existing at the time of cleanup, namely the concrete-paved access road and rail spurs in the vicinity of former Building 5, as depicted on attached maps Attachment A3, Pre-Remediation Sampling Location and Site Layout Map, and Attachment D1(d), Soil Cover System Extent, both prepared by URS Corporation,, made complete investigation and remediation of the soil contamination on this property impracticable. Pursuant to s. 292.12(2)(b), Wis. Stats., if the structural impediments on this property that are described above are removed, the property owner shall conduct an investigation of the degree and extent of PAH contamination. If contamination is found at that time, the Wisconsin Department of Natural Resources shall be immediately notified and the contamination shall be properly remediated in accordance with applicable statutes and rules. If soil in the specific locations described above is excavated, the property owner at the time of excavation must sample and analyze the excavated soil to determine if residual contamination remains. If sampling confirms that contamination is present the property owner at the time of excavation will need to determine whether the material would be considered solid or hazardous waste and ensure that any storage, treatment or disposal is in compliance with applicable statutes 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 during excavation activities to prevent a health threat to humans.

### **Cover or Barrier**

Pursuant to s. 292.12(2)(a), Wis. Stats., the concrete pavement, rail spurs and soil cover that currently exist in the locations shown on the attached maps Attachment A3 and Attachment D1(d), shall be maintained in compliance with the attached Surface Cover Maintenance Plan in order to prevent direct contact with residual soil contamination that might otherwise pose a threat to human health. 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 residual contamination remains. If sampling confirms that contamination is present the property owner at the time of excavation will need to determine whether the material would be considered solid or hazardous waste and ensure that any storage, treatment or disposal is in compliance with applicable statutes 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 during excavation activities to prevent a health threat to humans.

Dave Clendenen, February 13, 2009  
Page 3

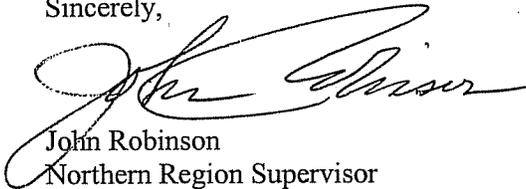
The attached Surface Cover Maintenance Plan and Barrier Inspection Log are to be kept up-to-date and on-site, and the inspection log need only be submitted to the Department upon request.

**Prohibited Activities**

The following activities are prohibited on any portion of the property where the concrete pavement and soil cover are required as shown on the attached maps, 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 capped or paved areas; 5) plowing for agricultural cultivation; or 6) construction or placement of a building or other structure.

The Department appreciates your efforts to restore the environment at this site. If you have any questions concerning this letter or the project in general, please do not hesitate to contact Department Project Manager Chris Saari at 715-685-2920, or by e-mail at Christopher.Saari@Wisconsin.gov.

Sincerely,

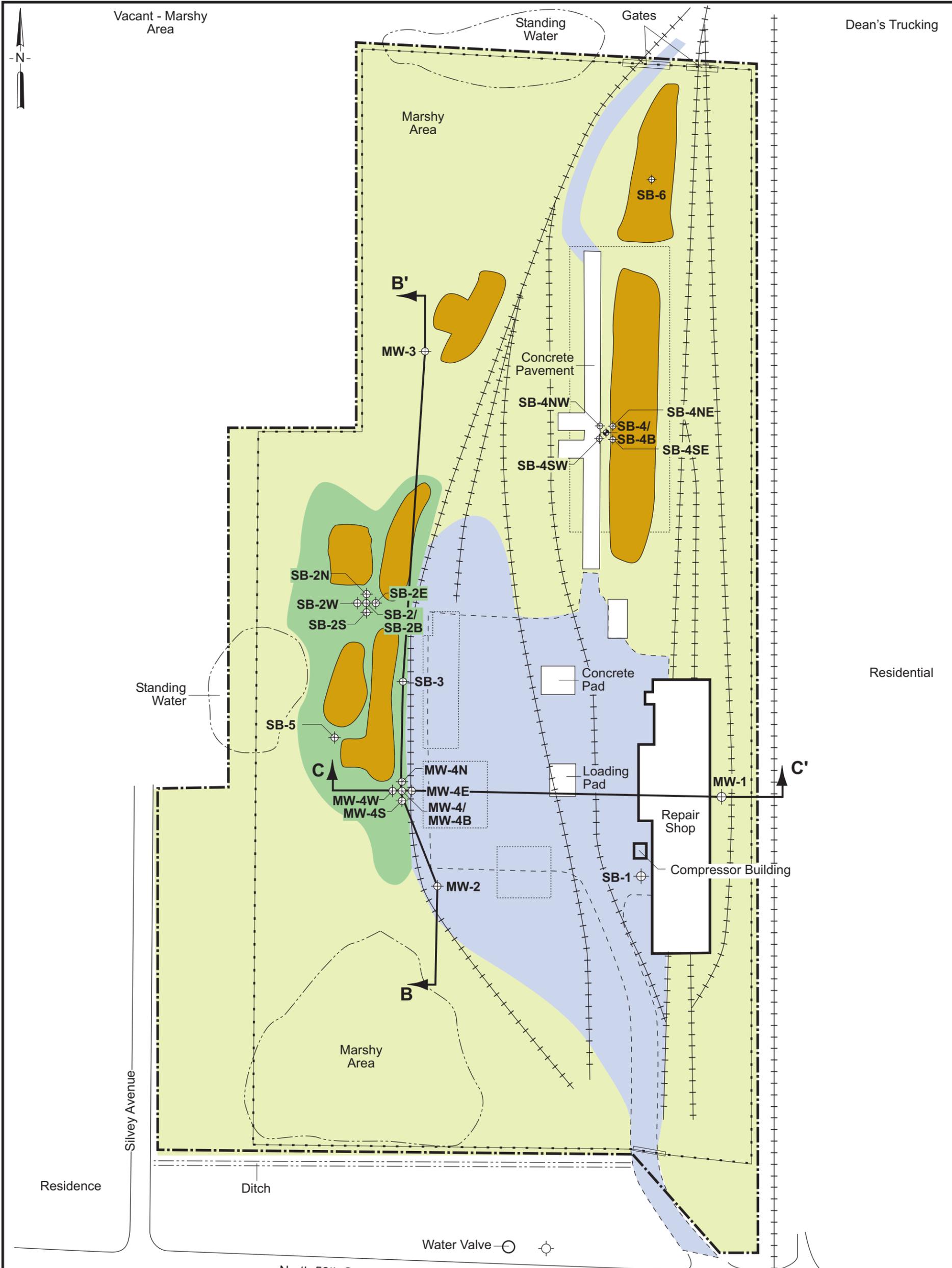


John Robinson  
Northern Region Supervisor  
Remediation & Redevelopment Program

attach. Attachment A3, Pre-Remediation Sampling Location and Site Layout Map  
Attachment D1(d), Soil Cover System Extent  
Surface Cover Maintenance Plan  
Exhibit B, Barrier Inspection Log

cc:

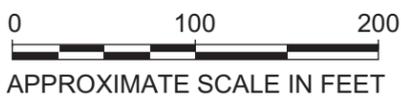
WILLIAM ECKHOFF  
URS CORP  
36 E 7<sup>TH</sup> ST  
SUITE 2300  
CINCINNATI OH 45202



**LEGEND:**

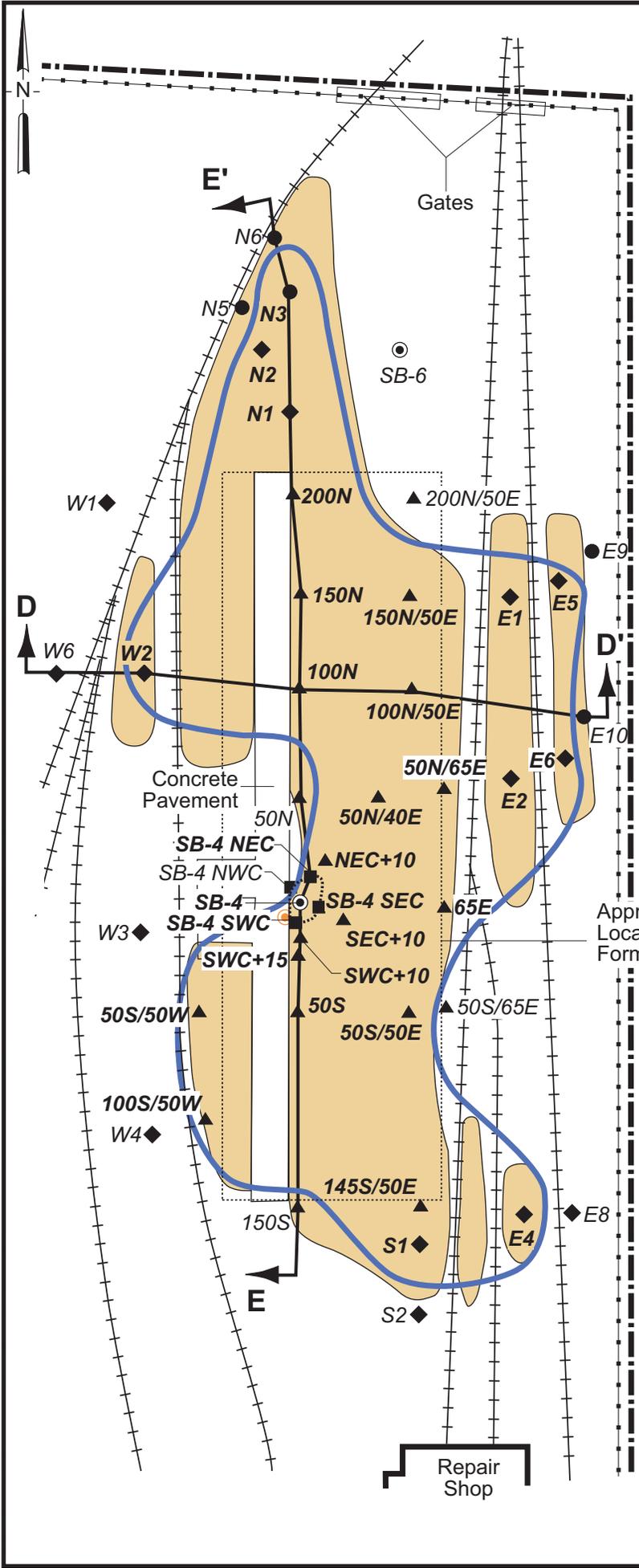
- Property Boundary
- Fence
- Railroad
- Fire Hydrant
- Approximate Location of Former Building
- Debris Observed During Phase I Environmental Site Assessment (April 2005)

- Grass
- Scrub Brush
- Gravel
- Well Location
- Boring Location
- Cross Section Location



ATTACHMENT A3  
PRE-REMEDIATION SAMPLING LOCATION  
AND SITE LAYOUT MAP  
GENERAL ELECTRIC RAILCAR REPAIR  
2105 NORTH 58TH STREET  
SUPERIOR, WISCONSIN  
JOB NO. 14962069





- LEGEND:**
- Property Boundary
  - Fence
  - Railroad
  - Boring Location and Identifier (URS 2005,2006)
  - Confirmatory Soil Sample Location (URS March 28, 2007)
  - Near Surface Soil Sample Location (URS August 21, 2007)
  - Near Surface Soil Sample Location (URS March 31, 2008)
  - Near Surface Soil Sample Location (URS May 21, 2008)
  - Lateral Delineation of Benzo(a)pyrene Impacted Soil Above WDNR Industrial RCL
  - Approximate Extent of Excavation (March 2007)
  - Extent of Soil Cover System
  - Cross-Section Location

NOTE: Samples noted in **BOLD ITALIC** font indicate locations where at least one constituent exceeds its respective Industrial Residual Contamination Limit for direct-contact pathway.



**GENERAL ELECTRIC**  
RAIL SERVICES

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ATTACHMENT D1(d)  
SOIL COVER SYSTEM EXTENT  
FORMER BUILDING 5 AREA  
2105 NORTH 58TH STREET  
SUPERIOR, WISCONSIN

JOB NO. 14962069

**URS**

## Surface Cover Maintenance Plan

November 24, 2008

for

### Former GE Railcar Repair Facility

2105 North 58<sup>th</sup> Street

Superior, Wisconsin 54880-5657

FID No. 816061950

BRRTS No. 02-16-546762

Parcel Identification Number: 08-808-04333-00

Lot "D" in South Superior, Jackson Division, in the City of Superior, County of Douglas, State of Wisconsin.

### Introduction

This document is the *Surface Cover Maintenance Plan (Maintenance Plan)* for a vegetation cover at the above-referenced property. This *Maintenance Plan* was prepared in accordance with the requirements of Chapter NR 724.13(2), Wisconsin Administrative Code (WAC). The maintenance activities relate to the vegetated surface cover in the northeast portion of the property identified as Former Building 5, approximately 150 feet north of the current repair shop building.

As described below, the installation of a soil cover system serves as a remedial action to provide protection against polycyclic aromatic hydrocarbon (PAH) impacted soil in the aforementioned area. The Wisconsin Department of Natural Resources (WDNR) has determined that the soil cover system may remain in place, without further remediation, so long as the terms of this *Maintenance Plan* are met.

### Site History

Through a review of reference materials and site details, it is understood that the site was developed for furniture manufacturing prior to 1914 and continued in that use until some time between 1955 and 1967, when the site was converted to a dairy processing facility. The site was converted from a dairy processing facility to a rail equipment service facility sometime between 1967 and 1972 and continued to be used as such, until operations ceased in 2004.

The results of investigations performed on site between 2005 and 2008 indicate that PAHs were present in near-surface soil in the immediate area of Former Building 5. Five of these compounds (benzo(a)pyrene, benzo(a)anthracene, benzo(b)fluoranthene, dibenz(a,h)anthracene, and indeno(1,2,3-cd)pyrene) were reported in soil samples at concentrations requiring mitigation under Wisconsin regulations. The samples requiring mitigation contained PAHs above their respective residual contaminant levels (RCLs), which are risk-based concentrations assigned by WDNR to provide protection of human health. The contaminants exceed the RCLs (developed to be protective of exposure through the direct contact pathway) if the soil is ingested. The extent of the impacted (contaminated) soil is illustrated in Exhibit A.

### **Soil Cover System Purpose**

The two-foot thick vegetated soil cover system placed over the contaminated soil serves as a barrier to prevent erosion and direct contact with residual soil contamination that might otherwise pose a threat to human health. The surface cover also acts as a partial infiltration barrier to limit potential soil-to-groundwater contaminant migration that could violate the groundwater standards in WAC Chapter NR 140. Based on the current and expected future use of the property, these barriers should function as intended unless disturbed.

### **Annual Inspection**

The vegetated soil cover overlying the contaminated soil as depicted in Exhibit A will be inspected annually by the owner (or its agent) in the spring after all snow and ice is gone. These inspections will evaluate deterioration, erosion, and other potential problems that can cause additional infiltration into, or exposure to the underlying contaminated 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 (bare spots) will be documented. A log of the inspections and any repairs will be maintained by the property owner on the form included as Exhibit B, Barrier Inspection Log.

The Barrier Inspection Log will be completed by the person completing the annual inspection and will include recommendations for necessary repair of any areas where underlying soils are exposed. Once repairs are completed, they will be documented in the inspection log.

### **Maintenance Activities**

If damage or deterioration worthy of immediate repair is noted during the annual inspections or at any other time during the year, repairs will be scheduled as soon as practical. Repairs can include filling and re-seeding operations or they can include larger resurfacing or construction operations. In the event 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.

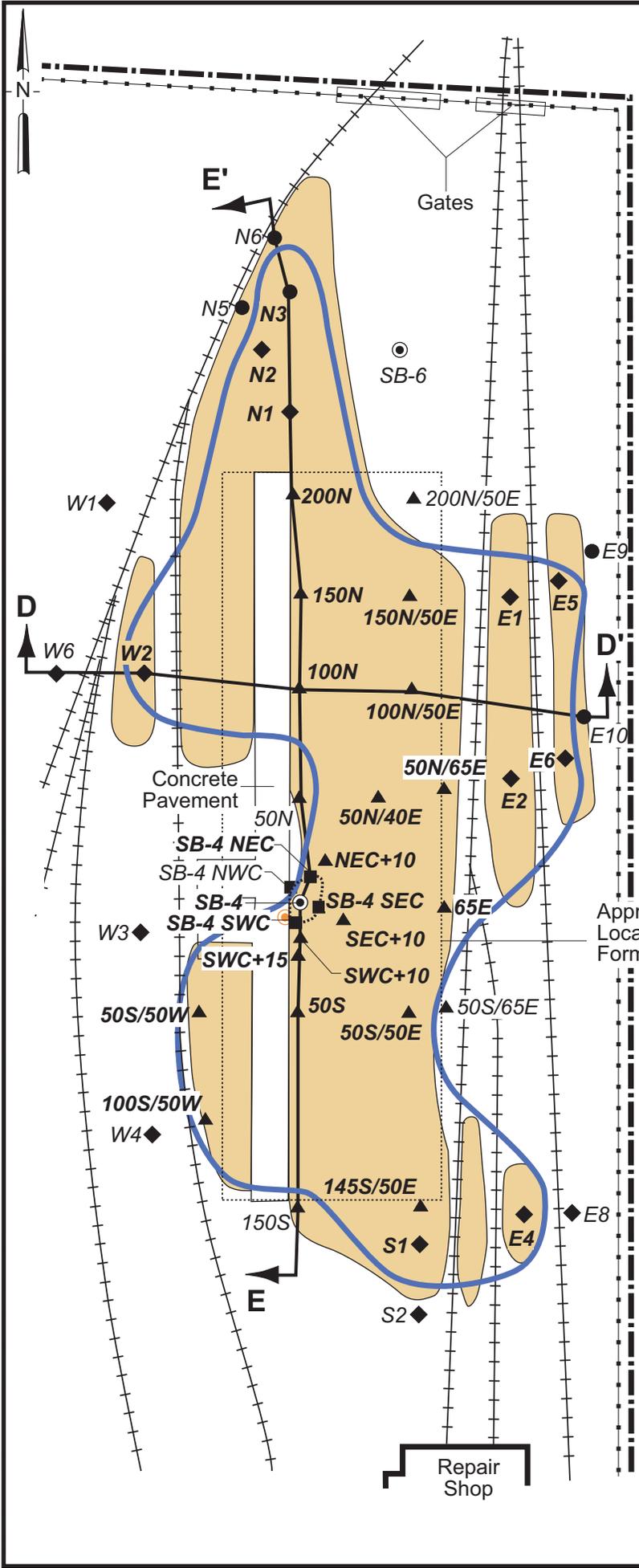
In the event the soil cover overlying the contaminated soil is removed or replaced, the replacement barrier must be equally impervious. Any replacement barrier will be subject to the same maintenance and inspection guidelines as outlined in this *Maintenance Plan* unless indicated otherwise by the WDNR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

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

**Amendment or Withdrawal of Maintenance Plan**

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



- LEGEND:**
- Property Boundary
  - Fence
  - Railroad
  - Boring Location and Identifier (URS 2005,2006)
  - Confirmatory Soil Sample Location (URS March 28, 2007)
  - Near Surface Soil Sample Location (URS August 21, 2007)
  - Near Surface Soil Sample Location (URS March 31, 2008)
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  - Lateral Delineation of Benzo(a)pyrene Impacted Soil Above WDNR Industrial RCL
  - Approximate Extent of Excavation (March 2007)
  - Extent of Soil Cover System
  - Cross-Section Location

NOTE: Samples noted in **BOLD ITALIC** font indicate locations where at least one constituent exceeds its respective Industrial Residual Contamination Limit for direct-contact pathway.



**GENERAL ELECTRIC**  
RAIL SERVICES

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ATTACHMENT D1(d)  
SOIL COVER SYSTEM EXTENT  
FORMER BUILDING 5 AREA  
2105 NORTH 58TH STREET  
SUPERIOR, WISCONSIN

JOB NO. 14962069

**URS**



**ATTACHMENT H1**

**PROPERTY DEED**

This Indenture, Made this \_\_\_\_\_ day of March, A. D., 1989.

between City of Superior, a municipal corporation

located at \_\_\_\_\_

Superior, Wisconsin, party of the first part, and

General Electric Railcar Repair Services Corporation, assignee of

S.T.I. of Wisconsin, Inc. party of the second part.

Witnesseth, That the said party of the first part, for and in consideration of the sum of \_\_\_\_\_

One Dollar (\$1.00) \_\_\_\_\_

\_\_\_\_\_ Dollars,

to it paid by the said party of the second part, the receipt whereof is hereby confessed and acknowledged, has given,

granted, bargained, sold, remised, released and quit-claimed, and by these presents does give, grant, bargain, sell, remise,

release and quit-claim unto the said party of the second part, and to its heirs and

assigns forever, the following described real estate, situated in the County of Douglas

State of Wisconsin, to-wit:

Lot "D" in South Superior, Jackson Division, in the City of Superior, Douglas County, Wisconsin.

Subject to:

1. Liens and encumbrances created by the act or default of grantee herein on or after January 18, 1978.
2. Liens and encumbrances, if any, created, permitted or acquiesced in by tenants.
3. Liens and encumbrances, if any, resulting from failure of the grantee to perform or observe any of its agreements in that lease recorded at 370 of Records, page 805, Document No. 544872, all of the terms and provisions of which grantee herein has assumed and agreed to pay.
4. Liens for special assessments or real estate taxes occurring on or after January 18, 1978.
5. Easements, exceptions, reservations and restrictions of record.

622726

OFFICE OF REGISTER OF DEEDS  
DOUGLAS COUNTY WISCONSIN

\_\_\_\_\_

SEP 14 1989 3:00

489 \_\_\_\_\_  
195 \_\_\_\_\_

REGISTER

FEE

\$77.25(2)

EXEMPT

TO HAVE AND TO HOLD the above together with all and singular the appurtenances and privileges thereto belonging or in anywise thereto appertaining, and all the estate, right, title, interest and claim whatsoever of the said

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party of the first part, either in law or equity, either in possession or expectancy of, to the only proper use, benefit and behoof of the said party of the second part, its heirs and assigns forever.

In Witness Whereof, the said City of Superior

party of the first part, has caused this presents to be signed by Herbert W. Bergson, its Mayor, and countersigned by Margaret J. Ciccone, its Clerk,

at Superior, Wisconsin, and its corporate seal to be hereunto affixed,

this day of March, A. D., 1989.

Signed and Sealed in the Presence of

*Christa A. Taber*  
Christa A. Taber

*Janet M. Heckman*  
Janet M. Heckman

State of Wisconsin,  
Douglas } ss.  
COUNTY.

City of Superior  
*Herbert W. Bergson*  
Herbert W. Bergson, Mayor  
COUNTERSIGNED:  
*Margaret J. Ciccone*  
Margaret J. Ciccone, Clerk  
CITY OF SUPERIOR, WISCONSIN

Personally came before me, this day of March, A. D., 1989,

Herbert W. Bergson, Mayor

and Margaret J. Ciccone, Clerk

of the above named Corporation, to me known to be the persons who executed the foregoing instrument, and to me known to be such Mayor and Clerk of said Corporation, and acknowledged that they executed the foregoing instrument as such officers as the deed of said Corporation, by its authority.

*Stephen R. Bick*

Stephen R. Bick

Notary Public, Douglas County, Wis.

My Commission is permanent

(Section 59.51 (1) of the Wisconsin Statutes provides that all instruments to be recorded shall have plainly printed or typewritten thereon the names of the grantors, grantees, witnesses and notary).

622726

No.

TO

QUIT CLAIM DEED

REGISTER'S OFFICE,  
STATE OF WISCONSIN,

County

Received for Record this day of

A. D., 19

at o'clock M., and recorded in

Vol. of Deeds on page

Register of Deeds

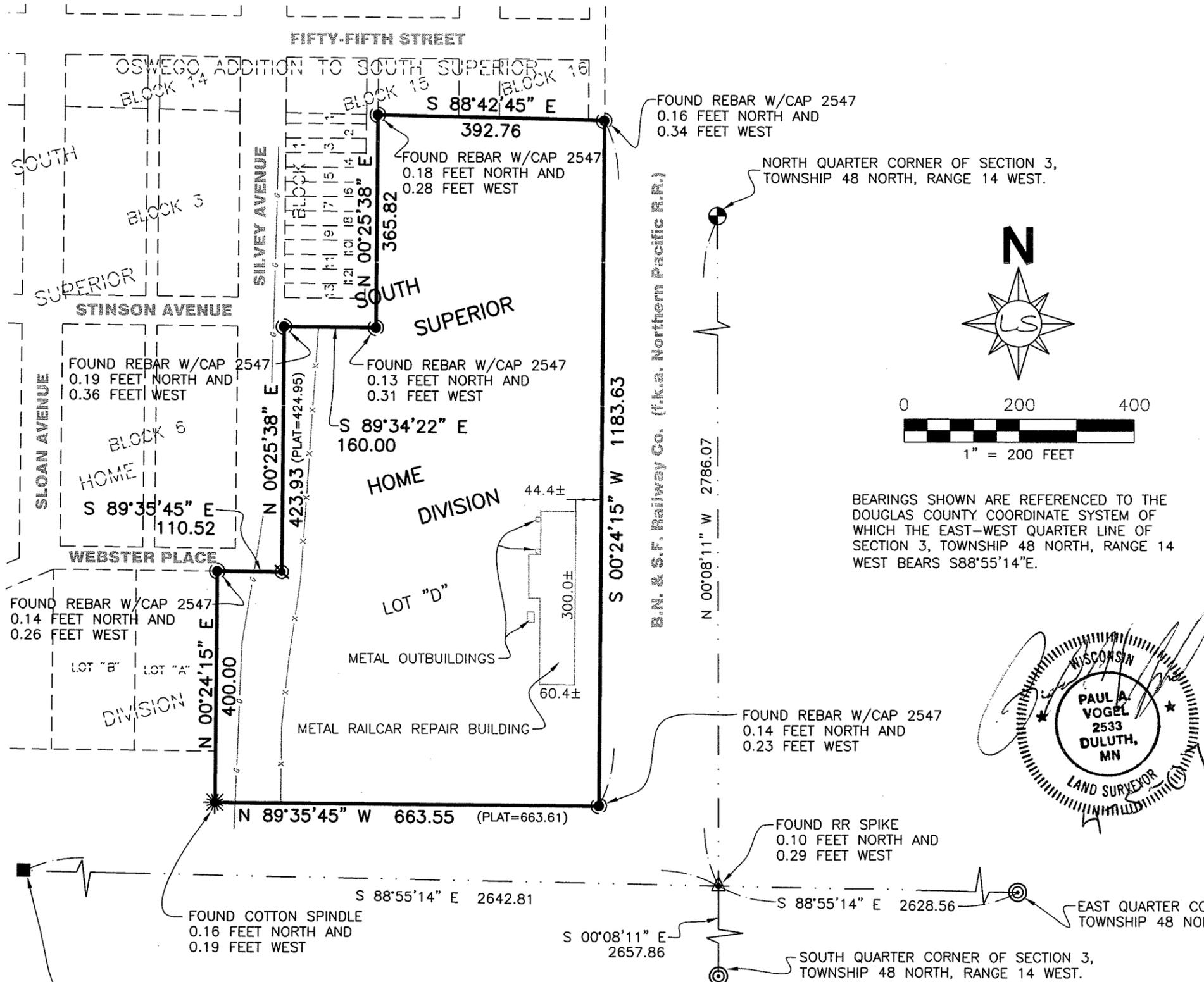
Deputy

622726

**APPENDIX H2**

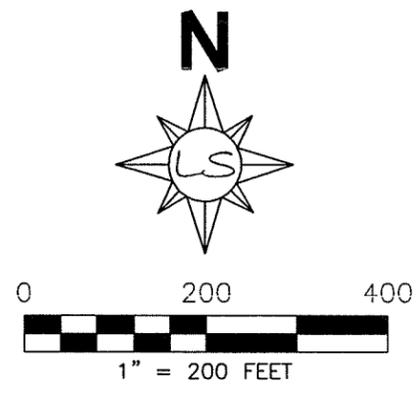
**MAP OF SURVEY  
LOT "D", SOUTH SUPERIOR JACKSON DIVISION  
DOUGLAS COUNTY, WISCONSIN**

# MAP OF SURVEY

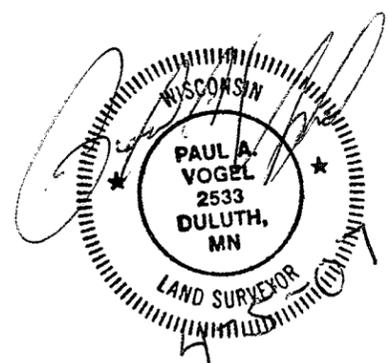


## SURVEYORS NOTES:

1. The bounds of this survey are that of Lot "D", South Superior Jackson Division as provided to me by the URS Corporation and shown on the Quit Claim Deed recorded in Deeds Volume 489, Page 195-196, Douglas County, WI.
2. The location of the center of Section 3, Township 48 North,, Range 14 West is computed to be at the intersection of the north-south and east-west quarter lines.
3. The location of the west right of way line of the Burlington Northern Santa Fe Railroad was established from information shown on the Eighth District Ward Map along the east-west quarter line of Section 3 and that distance shown on the north line of the plat of Oswego Addition to South Superior.
4. The plat of South Superior Jackson Division follows the boundaries of South Superior Home Division. Blocks 4 and 5 of South Superior Home Division are dedicated as being part of the plat of South Superior Jackson Division. Block 4 now underlying Block 1 of South Superior Jackson Division and Block 5 now being part of Lot "D" of this survey. Additionally, following the exterior of South Superior Home Division, there appears to be a scrivners error shown on the plat of South Superior Jackson Division and the plat distance is shown for reference on this map.
5. A gas pipeline runs through the southwesterly portion of Lot "D". Utility owner unknown. Additional research should be commenced to identify the owner and their rights.
6. There is a chain link fence on the property. This fence stays within the bounds of the property and varies from 0.0± feet to 3.5± inside the property. However there is an area near the gas pipeline along the westerly portion of Lot "D" where the fence does not follow the property line and is shown as such on this map.



BEARINGS SHOWN ARE REFERENCED TO THE DOUGLAS COUNTY COORDINATE SYSTEM OF WHICH THE EAST-WEST QUARTER LINE OF SECTION 3, TOWNSHIP 48 NORTH, RANGE 14 WEST BEARS S88°55'14"E.



## LEGEND

- PROPERTY LINE
- FOUND REBAR W/ CAP 2547
- ▲ FOUND RAILROAD SPIKE
- ✱ FOUND COTTON SPINDLE
- ⊙ SET 3/4"x24" REBAR W/ CAP S-2533

**URS CORPORATION**  
**36 EAST 7TH STREET, STE. 2300**  
**CINCINNATI, OH 45202**  
**GE RAILCAR REPAIR SITE**  
**LOT "D", SOUTH SUPERIOR JACKSON DIVISION, DOUGLAS CO., WI.**

Livgard Surveying, Inc.  
 Registered Land Surveyors  
 1507 Tower Ave. Suite 303  
 Superior, WI 54880  
 Tele & Fax 715-395-6787  
 Tele 218-390-7798

I hereby certify that this survey was prepared under my direction and control and it conforms to A-E7 Minimum Standards for Property Surveys to the best of my knowledge and belief.

*Paul A. Vogel*  
 Paul A. Vogel, RLS S-2533

**ATTACHMENT H3**

**REPRESENTATION OF PROPERTY INCLUSION**

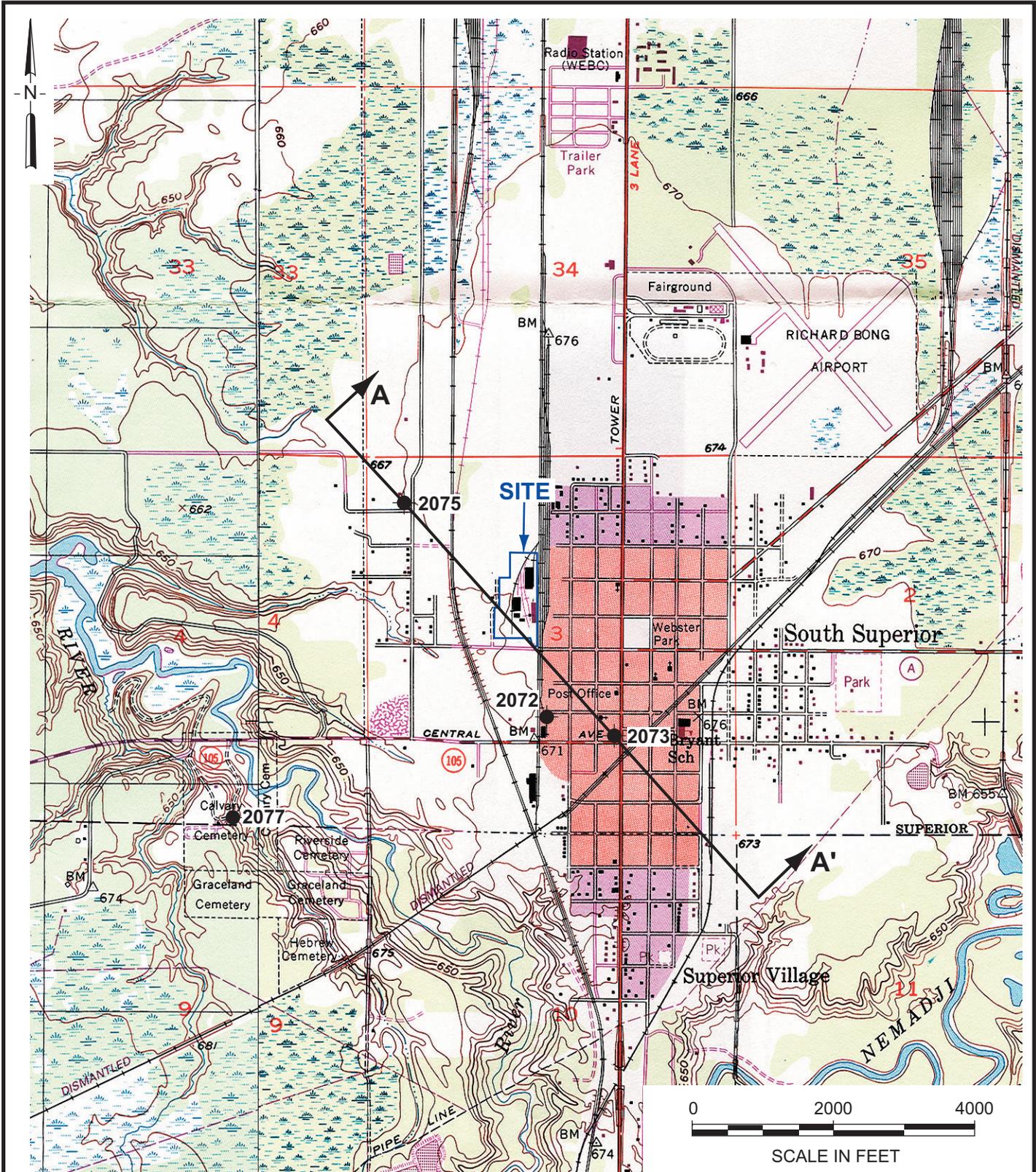
## REPRESENTATION OF PROPERTY INCLUSION

I believe, to the best of my knowledge, that the contamination associated with BRRTS # 02-16-546762 is within property boundary described in the enclosed property deed and legal description included in the GIS Registry Information, Section H of the Case Closure Request Form submitted on Dec 12, 2008.

The property deed and legal description included in the GIS Registry Information is exclusively for 2105 North 58<sup>th</sup> Street, Superior, WI 54880-5657.

A handwritten signature in cursive script, reading "David Clendenen", is written over a horizontal line.

David Clendenen  
GE Railcar Repair Services Corporation  
161 North Clark Street, Suite 700  
Chicago, IL 60601



**LEGEND:**

● 2072 Neighboring Water Wells Filed with the Wisconsin Department of Natural Resources

A A' Regional Cross Section Location



BASE MAP SOURCE: Compiled from the following USGS 7 1/2 minute topographic quadrangle maps: Superior, Wisconsin-Minnesota 1954, revised 1993; West Duluth, Minnesota-Wisconsin 1997.

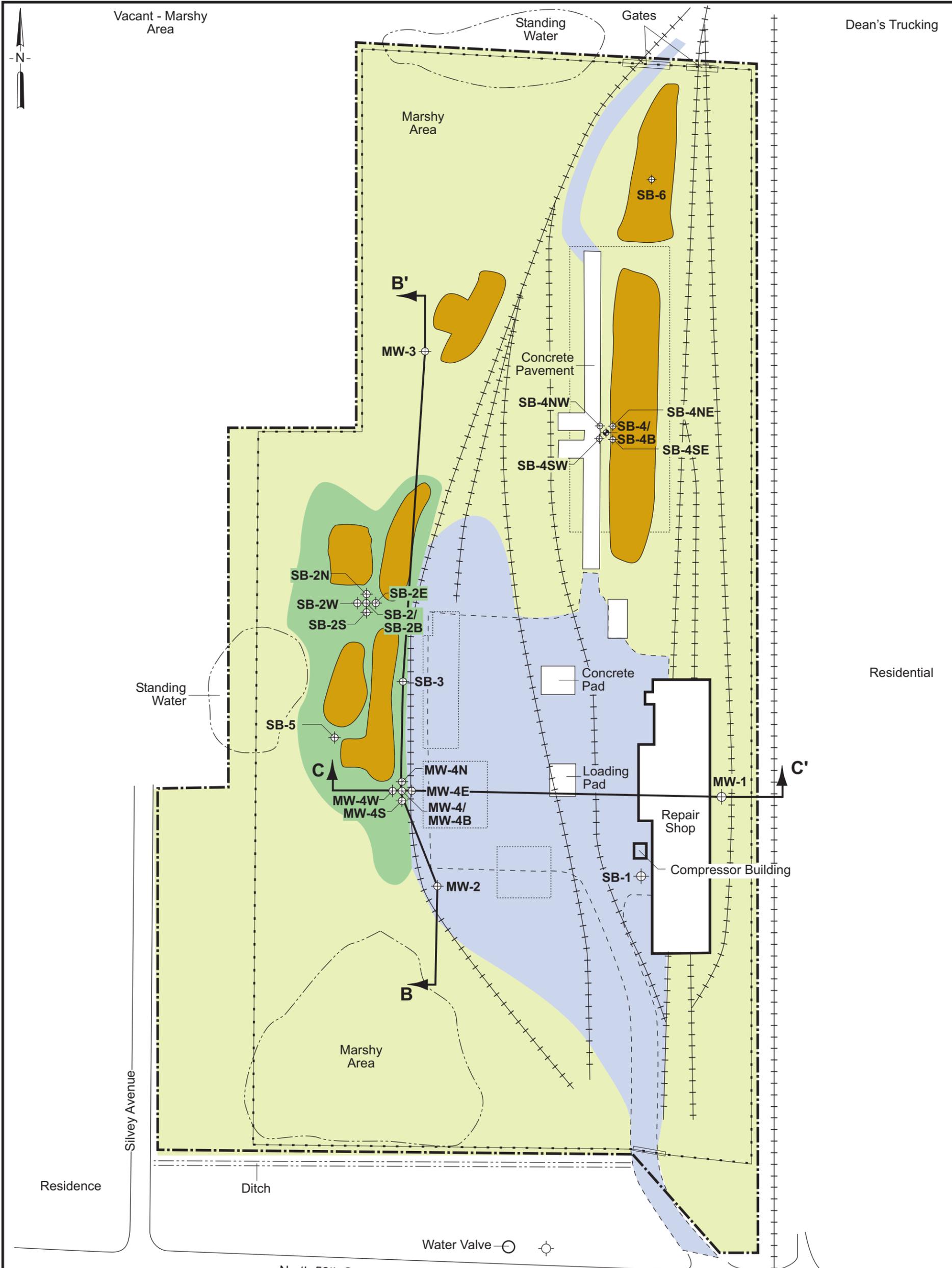


**GENERAL ELECTRIC COMPANY**  
RAIL SERVICES

ATTACHMENT A2  
SITE VICINITY MAP  
GENERAL ELECTRIC RAILCAR REPAIR  
2105 NORTH 58TH STREET  
SUPERIOR, WISCONSIN

JOB NO. 14962069

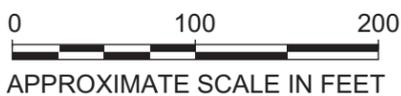




LEGEND:

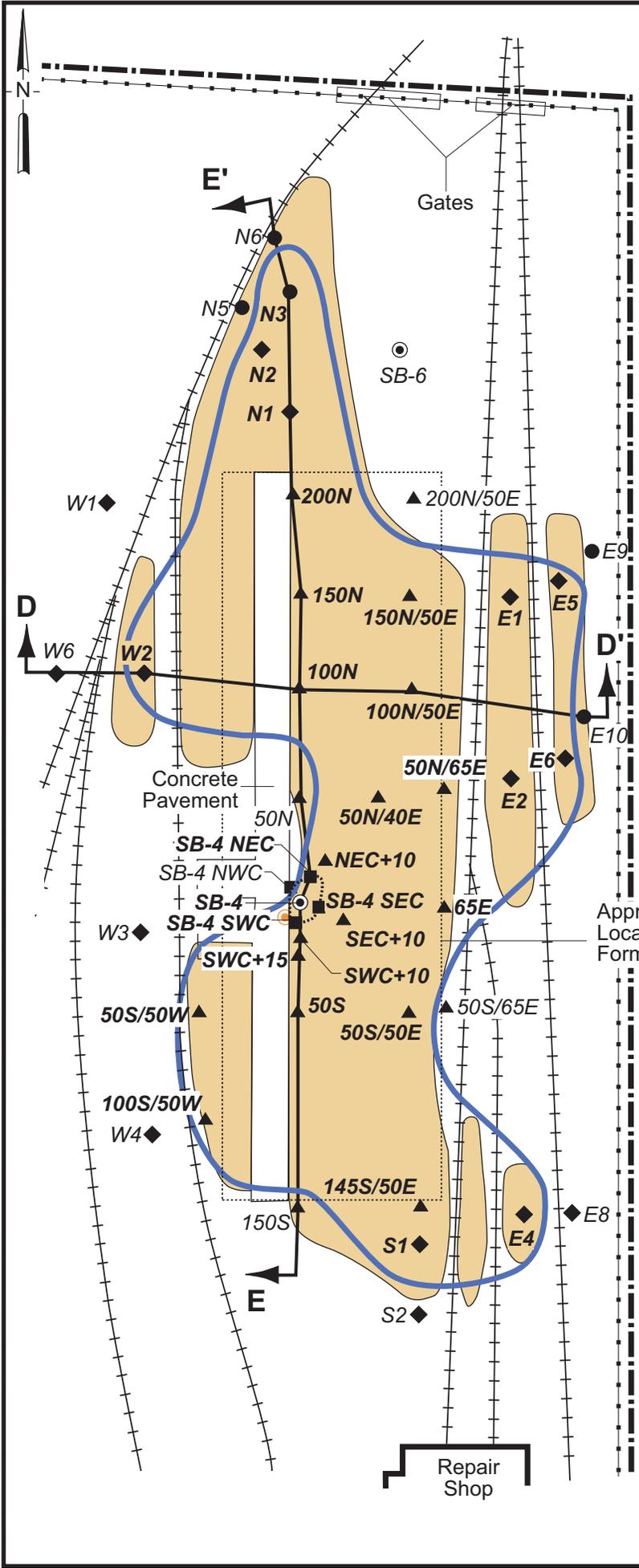
- Property Boundary
- Fence
- Railroad
- Fire Hydrant
- Approximate Location of Former Building
- Debris Observed During Phase I Environmental Site Assessment (April 2005)

- Grass
- Scrub Brush
- Gravel
- Well Location
- Boring Location
- Cross Section Location



ATTACHMENT A3  
PRE-REMEDIATION SAMPLING LOCATION  
AND SITE LAYOUT MAP  
GENERAL ELECTRIC RAILCAR REPAIR  
2105 NORTH 58TH STREET  
SUPERIOR, WISCONSIN  
JOB NO. 14962069





- LEGEND:**
- Property Boundary
  - Fence
  - Railroad
  - Boring Location and Identifier (URS 2005,2006)
  - Confirmatory Soil Sample Location (URS March 28, 2007)
  - Near Surface Soil Sample Location (URS August 21, 2007)
  - Near Surface Soil Sample Location (URS March 31, 2008)
  - Near Surface Soil Sample Location (URS May 21, 2008)
  - Lateral Delineation of Benzo(a)pyrene Impacted Soil Above WDNR Industrial RCL
  - Approximate Extent of Excavation (March 2007)
  - Extent of Soil Cover System
  - Cross-Section Location

NOTE: Samples noted in **BOLD ITALIC** font indicate locations where at least one constituent exceeds its respective Industrial Residual Contamination Limit for direct-contact pathway.



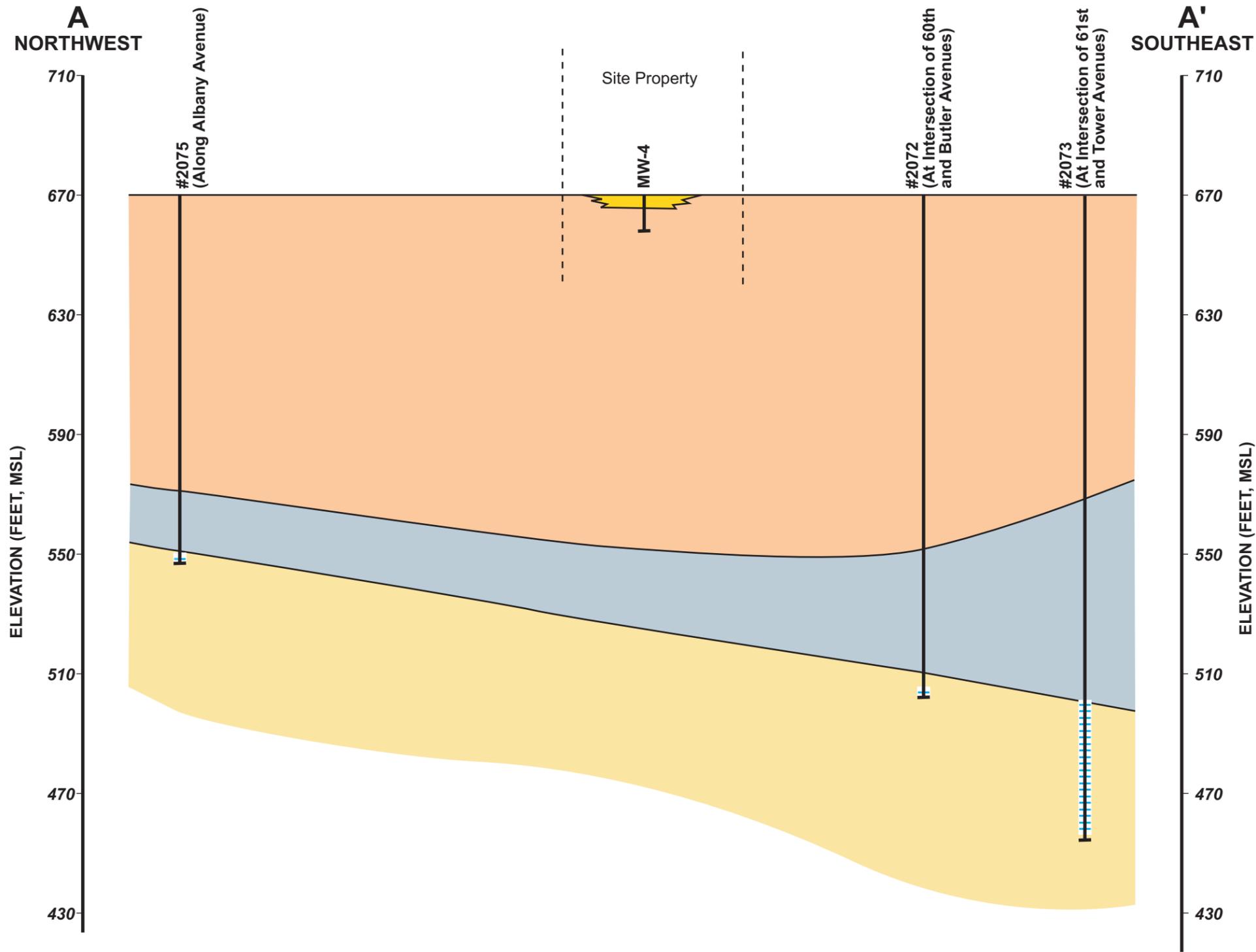
**GENERAL ELECTRIC**  
RAIL SERVICES

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ATTACHMENT D1(d)  
SOIL COVER SYSTEM EXTENT  
FORMER BUILDING 5 AREA  
2105 NORTH 58TH STREET  
SUPERIOR, WISCONSIN

JOB NO. 14962069

**URS**

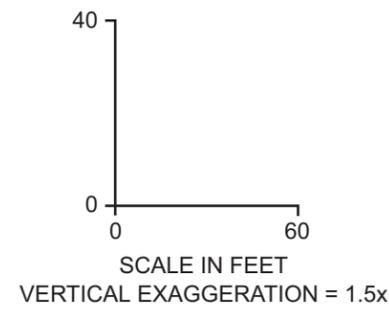


**LEGEND:**

- Fill
- Sand
- Clay
- Till
- 2075 Neighboring Water Wells Filed with the Wisconsin Department of Natural Resources and Number
- Screened Interval
- MW-4 On-Site Boring Location and Number

**NOTES:**

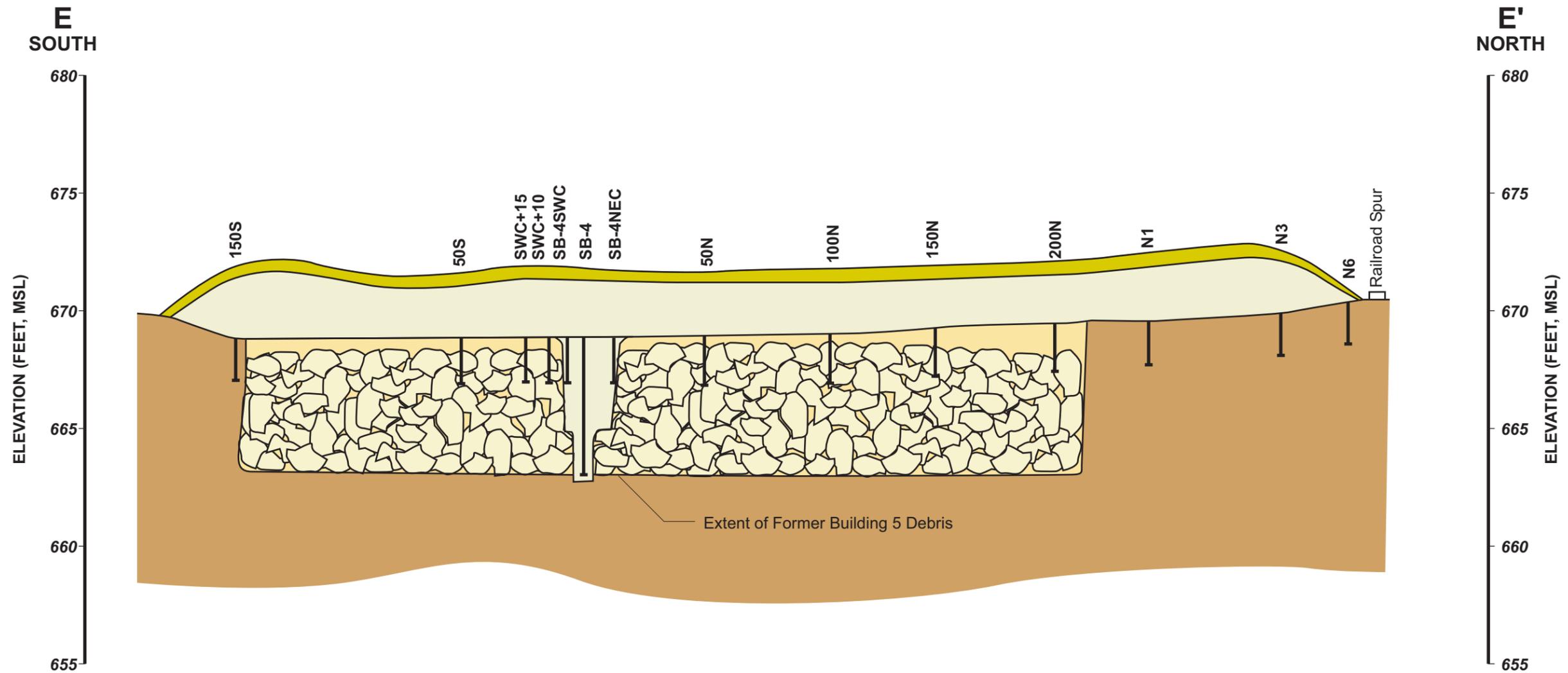
- The depth and thickness of the strata indicated on the subsurface section were obtained by interpolating between test borings. Information on actual conditions exists only at the locations of the test borings and it is possible that the conditions may vary from those indicated.
- For location of cross section, see Attachment A2.



**GENERAL ELECTRIC COMPANY**  
RAIL SERVICES

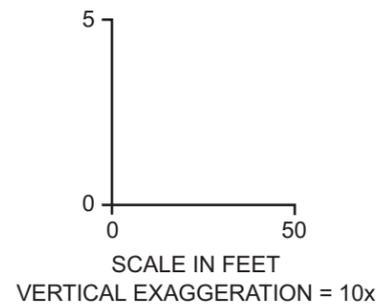
ATTACHMENT C3(a)  
REGIONAL GEOLOGIC CROSS SECTION A - A'  
GENERAL ELECTRIC RAILCAR REPAIR  
2105 NORTH 58TH STREET  
SUPERIOR, WISCONSIN

JOB NO. 14962069 **URS**



**LEGEND:**

-  Topsoil (Fill)
-  Sand (Fill)
-  Soil (Fill)
-  Native Reddish-Brown Clay
-  Rubble
-  **E10** Boring Location and Number



**NOTES:**

- The depth and thickness of the strata indicated on the subsurface section were obtained by interpolating between test borings. Information on actual conditions exists only at the locations of the test borings and it is possible that the conditions may vary from those indicated.
- Soil sample analytical results are presented in Attachments C1(b), C1(c) and C1(d).
- Analytical results of the sand fill and topsoil samples are presented in Attachment C1(h).
- For location of cross section, see Attachment D1(d).



ATTACHMENT D1(f)  
GEOLOGIC CROSS SECTION E - E'  
GENERAL ELECTRIC RAILCAR REPAIR  
2105 NORTH 58TH STREET  
SUPERIOR, WISCONSIN  
JOB NO. 14962069



ATTACHMENT C1 (d)

POST-EXCAVATION ANALYTICAL RESULTS - SOIL  
 DELINEATION SAMPLING - FORMER BUILDING 5 AREA

GE RAIL  
 2105 NORTH 58TH STREET - SUPERIOR, WISCONSIN

	Wisconsin Residual Contaminants Limits (RCLs)	Confirmatory Samples Surrounding SB-4						
		Sample ID (Depth, feet), Date Collected						
		SB-4SEC	SEC+10	SB-4NEC	NEC+10	SB-4SWC	SWC+10	SWC+15
	Direct-Contact Pathway Industrial	1.5 Mar-07	0.5 Aug-07	1.5 Mar-07	0.5 Aug-07	3 Mar-07	0.5 Aug-07	0.5 Aug-07
<b>Polycyclic Aromatic Hydrocarbons (PAHs) (µg/kg)</b>								
Anthracene	300,000,000	330	880	180	720	560	540	660
Acenaphthene	60,000,000	<250	610	77	290	430	220	290
Acenaphthylene	360,000	<250	64	<76	73	<41.0	120	130
Benzo(a)anthracene	3,900	620	2,800	490	1,600	980	1,400	1,700
Benzo(a)pyrene	390	<b>560</b>	<b>2,700</b>	<b>430</b>	<b>1,700</b>	<b>890</b>	<b>1,200</b>	<b>1,800</b>
Benzo(b)fluoranthene	3,900	530	<b>4,000</b>	630	2,400	810	1,700	2,500
Benzo(ghi)perylene	39,000	360	1,100	260	630	650	360	750
Benzo(k)fluoranthene	39,000	<250	1,000	1,000	580	330	600	700
Chrysene	390,000	490	2,500	400	1,600	830	1,200	1,700
Dibenz(a,h)anthracene	390	<250	<b>430</b>	<76	250	200	150	40
Fluoranthene	40,000,000	1,400	7,200	1,100	4,500	2,000	3,200	5,400
Fluorene	40,000,000	<250	450	<76	270	290	260	300
Indeno(1,2,3-cd)pyrene	3,900	300	1,100	240	650	520	380	790
Naphthalene	110,000	<250	160	<76	130	90	240	210
Phenanthrene	390,000	1,200	4,700	760	3,800	2,400	2,700	4,400
Pyrene	30,000,000	1,400	6,200	930	3,600	2,200	3,000	4,000
1-Methylnaphthalene	70,000,000	<250	67	<76	91	72	180	170
2-Methylnaphthalene	40,000,000	<250	81	<76	110	71	240	210

See Notes at end of Table

ATTACHMENT C1 (d) (Continued)

	Wisconsin Residual Contaminants Limits (RCLs)	Confirmatory Samples Surrounding SB-4		Grid-spacing Samples East of SB-4					
		Sample ID, Depth, Date		Sample ID (Depth, feet), Date Collected					
		SB-4NWC	SB-4FLC	50E	65E	E-1	E-2	E-4	E-5
	Direct-Contact Pathway Industrial	2 Mar-07	(14-16) Mar-07	0.5 Aug-07	0.5 Aug-07	1.25 Mar-08	1.6 Mar-08	1.7 Mar-08	1.75 Mar-08
<b>Polycyclic Aromatic Hydrocarbons (PAHs) (µg/kg)</b>									
Anthracene	300,000,000	20	<8.5	1,600	4,800	2,300	1,100	350	230
Acenaphthene	60,000,000	11	<8.5	610	1,300	1,200	780	130	100
Acenaphthylene	360,000	<8.1	<8.5	160	1,700	420	120	58	52
Benzo(a)anthracene	3,900	59	<8.5	<b>4,300</b>	<b>11,000</b>	<b>5,500</b>	2,400	810	600
Benzo(a)pyrene	390	54	<8.5	<b>3,800</b>	<b>7,500</b>	<b>3,600</b>	<b>2,000</b>	<b>680</b>	<b>530</b>
Benzo(b)fluoranthene	3,900	48	<8.5	<b>5,400</b>	<b>9,900</b>	<b>6,100</b>	2,600	780	620
Benzo(ghi)perylene	39,000	34	<8.5	1,200	4,400	1,100	780	380	270
Benzo(k)fluoranthene	39,000	36	<8.5	1,500	4,700	1,200	820	130	260
Chrysene	390,000	54	<8.5	3,500	10,000	3,700	2,200	660	500
Dibenz(a,h)anthracene	390	12	<8.5	<b>530</b>	<b>2,100</b>	<b>490</b>	250	110	77
Fluoranthene	40,000,000	120	13	11,000	33,000	12,000	6,300	1,700	1,300
Fluorene	40,000,000	9	<8.5	720	1,400	1,500	700	160	140
Indeno(1,2,3-cd)pyrene	3,900	29	<8.5	1,300	<b>4,500</b>	1,200	780	350	260
Naphthalene	110,000	8.2	<8.5	340	650	1,000	320	79	160
Phenanthrene	390,000	99	14	8,900	25,000	11,000	6,200	1,300	1,000
Pyrene	30,000,000	120	11	9,300	21,000	8,600	5,200	1,300	1,000
1-Methylnaphthalene	70,000,000	<8.1	<8.5	280	510	440	190	46	62
2-Methylnaphthalene	40,000,000	<8.1	<8.5	360	630	460	200	48	81

See Notes at end of Table

ATTACHMENT C1 (d) (Continued)

	Wisconsin Residual Contaminants Limits (RCLs)	Grid-spacing Samples East of SB-4				Grid-spacing Samples North of SB-4			
		Sample ID (Depth, feet), Date Collected				Sample ID (Depth, feet), Date Collected			
		E-6	E-8	E-9	E-10	50N	50N/40E	50N/65E	100N
	<b>Direct-Contact Pathway</b>	<b>1.75</b>	<b>2</b>	<b>1.7</b>	<b>1.5</b>	<b>0.5</b>	<b>0.5</b>	<b>0.5</b>	<b>0.5</b>
	<b>Industrial</b>	<b>Mar-08</b>	<b>Mar-08</b>	<b>May-08</b>	<b>May-08</b>	<b>Aug-07</b>	<b>Aug-07</b>	<b>Aug-07</b>	<b>Aug-07</b>
<b>Polycyclic Aromatic Hydrocarbons (PAHs) (µg/kg)</b>									
Anthracene	300,000,000	260	<8.3	110	<7.7	64	670	3,500	270
Acenaphthene	60,000,000	120	<8.3	40	<7.7	28	240	1,200	120
Acenaphthylene	360,000	42	<8.3	12	<7.7	8.2	190	300	35
Benzo(a)anthracene	3,900	580	15	280	<7.7	160	2,100	<b>7,500</b>	650
Benzo(a)pyrene	390	<b>470</b>	12	240	<7.7	140	<b>2,100</b>	<b>5,800</b>	<b>550</b>
Benzo(b)fluoranthene	3,900	590	15	230	<7.7	190	2,500	<b>6,100</b>	770
Benzo(ghi)perylene	39,000	190	8.9	140	<7.7	64	930	3,300	210
Benzo(k)fluoranthene	39,000	210	<8.3	100	<7.7	50	1,000	3,700	260
Chrysene	390,000	460	13	210	<7.7	140	1,900	6,600	650
Dibenz(a,h)anthracene	390	60	<8.3	40	<7.7	20	330	<b>1,100</b>	79
Fluoranthene	40,000,000	1,300	30	580	<7.7	430	5,800	16,000	1,700
Fluorene	40,000,000	130	<8.3	45	<7.7	34	260	1,400	100
Indeno(1,2,3-cd)pyrene	3,900	200	<8.3	130	<7.7	60	920	3,000	220
Naphthalene	110,000	73	<8.3	50	<7.7	32	160	550	30
Phenanthrene	390,000	1,100	14	440	<7.7	350	2,800	11,000	1,200
Pyrene	30,000,000	1,000	22	460	<7.7	370	4,200	13,000	1,200
1-Methylnaphthalene	70,000,000	68	<8.3	43	<7.7	16	130	470	21
2-Methylnaphthalene	40,000,000	76	<8.3	56	<7.7	19	160	580	24

See Notes at end of Table

ATTACHMENT C1 (d) (Continued)

	Wisconsin Residual Contaminants Limits (RCLs)	Grid-spacing Samples North of SB-4							
		Sample ID (Depth, feet), Date Collected							
		100N/50E	150N	150N/50E	200N	200N/50E	N-1	N-2	N-3
	<b>Direct-Contact Pathway Industrial</b>	<b>0.5</b>	<b>0.5</b>	<b>0.5</b>	<b>0.5</b>	<b>0.5</b>	<b>1.25</b>	<b>1.5</b>	<b>1.5</b>
		<b>Aug-07</b>	<b>Aug-07</b>	<b>Aug-07</b>	<b>Aug-07</b>	<b>Aug-07</b>	<b>Mar-08</b>	<b>Mar-08</b>	<b>May-08</b>
<b>Polycyclic Aromatic Hydrocarbons (PAHs) (µg/kg)</b>									
Anthracene	300,000,000	2,100	1,100	180	420	48	2,300	3,500	45,000
Acenaphthene	60,000,000	940	450	74	160	15	1,200	1,400	31,000
Acenaphthylene	360,000	73	280	34	99	14	160	360	<940
Benzo(a)anthracene	3,900	<b>4,000</b>	3,200	570	1,300	140	<b>5,400</b>	<b>6,300</b>	<b>87,000</b>
Benzo(a)pyrene	390	<b>3,900</b>	<b>2,600</b>	<b>470</b>	<b>1,000</b>	110	<b>4,000</b>	<b>5,400</b>	<b>75,000</b>
Benzo(b)fluoranthene	3,900	<b>4,800</b>	3,200	630	1,100	140	<b>7,200</b>	<b>6,200</b>	<b>75,000</b>
Benzo(ghi)perylene	39,000	890	720	170	280	43	1,200	3,200	36,000
Benzo(k)fluoranthene	39,000	2,300	1,600	210	760	79	1,600	2,900	24,000
Chrysene	390,000	4,000	2,700	520	970	110	4,200	5,600	64,000
Dibenz(a,h)anthracene	390	310	300	69	88	16	<b>420</b>	<b>470</b>	<b>11,000</b>
Fluoranthene	40,000,000	10,000	8,300	1,300	2,700	270	13,000	18,000	200,000
Fluorene	40,000,000	750	540	69	160	16	1,100	1,700	25,000
Indeno(1,2,3-cd)pyrene	3,900	1,000	780	180	300	43	1,300	3,000	<b>35,000</b>
Naphthalene	110,000	300	330	20	72	11	250	860	18,000
Phenanthrene	390,000	7,200	5,400	780	1,600	170	9,800	16,000	170,000
Pyrene	30,000,000	7,500	6,400	1,100	2,500	240	9,000	12,000	140,000
1-Methylnaphthalene	70,000,000	110	140	14	39	11	160	400	4,000
2-Methylnaphthalene	40,000,000	150	170	16	46	13	180	460	7,400

See Notes at end of Table

ATTACHMENT C1 (d) (Continued)

	Wisconsin Residual Contaminants Limits (RCLs)	Grid-spacing Samples		Grid-spacing Samples West of SB-4						
		North of SB-4 (cont.)		Sample ID (Depth, feet), Date Collected						
		N-5	N-6	50S/50W	100S/50W*	W-1	W-2	W-3	W-4	W-6
Direct-Contact Pathway Industrial	1.0	1.0	0.5	0.5	1.25	1.5	2.0	1.75	1.5	
		May-08	May-08	Aug-07	Aug-07	Mar-08	Mar-08	Mar-08	Mar-08	Mar-08
<b>Polycyclic Aromatic Hydrocarbons (PAHs) (µg/kg)</b>										
Anthracene	300,000,000	<6.7	17	1,200	42,000	150	240	63	46	<8.5
Acenaphthene	60,000,000	<6.7	7.8	530	1,700	46	120	26	<43	<8.5
Acenaphthylene	360,000	<6.7	<6.8	110	150	76	71	37	<43	<8.5
Benzo(a)anthracene	3,900	<6.7	38	2,800	<b>11,000</b>	290	470	160	160	<8.5
Benzo(a)pyrene	390	<6.7	31	<b>2,600</b>	<b>9,000</b>	220	<b>490</b>	140	140	<8.5
Benzo(b)fluoranthene	3,900	<6.7	32	3,400	<b>12,000</b>	360	570	150	180	<8.5
Benzo(ghi)perylene	39,000	<6.7	18	860	1,600	98	210	96	<43	<8.5
Benzo(k)fluoranthene	39,000	<6.7	16	1,700	28,000	110	220	100	76	<8.5
Chrysene	390,000	<6.7	31	2,500	8,500	280	440	140	130	<8.5
Dibenz(a,h)anthracene	390	<6.7	<6.8	360	<b>580</b>	<39	61	25	<43	<8.5
Fluoranthene	40,000,000	<6.7	79	9,300	28,000	470	1,100	350	320	<8.5
Fluorene	40,000,000	<6.7	8	510	1,700	60	110	33	<43	<8.5
Indeno(1,2,3-cd)pyrene	3,900	<6.7	17	910	1,900	94	220	87	<43	<8.5
Naphthalene	110,000	<6.7	<6.8	140	430	510	110	28	190	<8.5
Phenanthrene	390,000	<6.7	60	6,200	22,000	580	960	280	210	<8.5
Pyrene	30,000,000	<6.7	69	7,400	19,000	370	900	300	220	<8.5
1-Methylnaphthalene	70,000,000	<6.7	<6.8	100	200	660	93	15	230	<8.5
2-Methylnaphthalene	40,000,000	<6.7	<6.8	140	240	820	120	17	310	<8.5

See Notes at end of Table

ATTACHMENT C1 (d) (Continued)

	Wisconsin Residual Contaminants Limits (RCLs)	Grid-spacing Samples South of SB-4							
		Sample ID (Depth, feet), Date Collected							
		50S	50S/50E	50S/65E	150S	145S/50E	S-1	S-1 (Dup)	S-2
Direct-Contact Pathway Industrial	0.5	0.5	0.5	0.5	0.5	1.75	1.75	1.25	
		Aug-07	Aug-07	Aug-07	Aug-07	Aug-07	Mar-08	Mar-08	Mar-08
<b>Polycyclic Aromatic Hydrocarbons (PAHs) (µg/kg)</b>									
Anthracene	300,000,000	1,100	2,200	710	83	190	140	350	<6.9
Acenaphthene	60,000,000	730	710	330	<31	100	44	120	<6.9
Acenaphthylene	360,000	180	140	71	38	69	54	68	<6.9
Benzo(a)anthracene	3,900	3,100	<b>4,600</b>	330	290	510	430	940	<6.9
Benzo(a)pyrene	390	<b>2,500</b>	<b>3,500</b>	250	320	<b>770</b>	<b>410</b>	770	<6.9
Benzo(b)fluoranthene	3,900	3,600	<b>4,700</b>	260	470	1,200	540	920	<6.9
Benzo(ghi)perylene	39,000	780	1,000	430	110	240	220	250	<6.9
Benzo(k)fluoranthene	39,000	1,400	1,800	710	240	400	190	370	<6.9
Chrysene	390,000	3,400	3,700	250	340	570	400	810	<6.9
Dibenz(a,h)anthracene	390	<b>400</b>	<b>450</b>	170	35	110	64	<b>850</b>	<6.9
Fluoranthene	40,000,000	11,000	12,000	660	510	920	840	1,900	<6.9
Fluorene	40,000,000	850	890	320	39	73	41	150	<6.9
Indeno(1,2,3-cd)pyrene	3,900	880	1,100	450	97	260	210	260	<6.9
Naphthalene	110,000	900	280	170	400	550	52	64	<6.9
Phenanthrene	390,000	12,000	11,000	560	550	820	460	1,400	<6.9
Pyrene	30,000,000	8,800	11,000	600	510	940	680	1,400	<6.9
1-Methylnaphthalene	70,000,000	550	160	110	470	610	64	81	<6.9
2-Methylnaphthalene	40,000,000	670	200	140	690	830	80	93	<6.9

See Notes at end of Table

**ATTACHMENT C1 (d) (Continued)**

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$\mu\text{g}/\text{kg}$  = micrograms per kilogram

<6.7 = Analyte not present at or above its limit of detection (value shown is the limit of detection).

Values in bold and highlighted represent detections above the Wisconsin Residual Contaminant Levels (RCLs) for an industrial setting.

\* = See Table C1 (e) for listing of duplicate results.

S-1 (Dup) = Analytical results of duplicate sample.