

# GIS REGISTRY

## Cover Sheet

March, 2010  
(RR 5367)

### Source Property Information

BRRTS #:

02-50-180282

ACTIVITY NAME:

Canadian Central Roundhouse AST Spillage

PROPERTY ADDRESS:

2201 Monroe Street

MUNICIPALITY:

Stevens Point

PARCEL ID #:

CLOSURE DATE: 04/21/2011

FID #:

750071190

DATCP #:

COMM #:

54481397701

#### \*WTM COORDINATES:

X: 554371

Y: 448967

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

#### WTM COORDINATES REPRESENT:

Approximate Center Of Contaminant Source

Approximate Source Parcel Center

Please check as appropriate: (BRRTS Action Code)

#### Contaminated Media:

Groundwater Contamination > ES (236)

Contamination in ROW

Off-Source Contamination

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

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

Contamination in ROW

Off-Source Contamination

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

#### Land Use Controls:

N/A (Not Applicable)

Soil: maintain industrial zoning (220)

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

Structural Impediment (224)

Site Specific Condition (228)

Cover or Barrier (222)

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

Vapor Mitigation (226)

Maintain Liability Exemption (230)

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

#### Monitoring Wells:

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

Yes  No  N/A

*\* Residual Contaminant Level*

*\*\*Site Specific Residual Contaminant Level*

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

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

BRRTS #:  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 #: 1**                      **Title: Site Location Map**
- Detailed Site Map:** A map that shows all relevant features (buildings, roads, individual property boundaries, contaminant sources, utility lines, monitoring wells and potable wells) within the contaminated area. This map is to show the location of all contaminated public streets, and highway and railroad rights-of-way in relation to the source property and in relation to the boundaries of groundwater contamination exceeding a ch. NR 140 Enforcement Standard (ES), and/or in relation to the boundaries of soil contamination exceeding a Residual Contaminant Level (RCL) or a Site Specific Residual Contaminant Levels (SSRCL) as determined under s. NR 720.09, 720.11 and 720.19.  
**Figure #: 2**                      **Title: Soil Boring / Temporary Well Locations**
- 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 #: 4**                      **Title: Estimated Extent of Residual Contaminated Soil**

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ACTIVITY NAME: Canadian Central Roundhouse AST Spillage

**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 #:**                      **Title:**

**Figure #:**                      **Title:**

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

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

**Figure #:**                      **Title:**

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

**Figure #:**                      **Title:**

**Figure #:**                      **Title:**

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

Tables must be no larger than 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 #: 2                      Title: Post-Excavation Residual Soil Analytical Results**

- 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 #: 3                      Title: Groundwater Data Summary**

- 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).

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## 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:**

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

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

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

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

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

State of Wisconsin  
DEPARTMENT OF NATURAL RESOURCES  
Wisconsin Rapids Service Center  
473 Griffith Avenue  
Wisconsin Rapids WI 54494

Scott Walker, Governor  
Cathy Stepp, Secretary  
Scott Humrickhouse, Regional Director  
Telephone 715-421-7800  
FAX 715-421-7830  
TTY Access via relay - 711



April 21, 2011

Mr. Brian Hayden  
Canadian National  
1 Waterfront Drive  
PO Box 509  
Two Harbors, MN 55616

SUBJECT: Final Case Closure  
Canadian Central Roundhouse, 2201 Monroe St., Stevens Point, WI  
WDNR BRRTS Activity #: 02-50-180282

Dear Mr. Hayden:

On September 20, 2007, the Wisconsin Department of Natural Resources reviewed your request for closure of the case described above. The Department reviews environmental remediation cases for compliance with state rules and statutes to maintain consistency in the closure of these cases.

On March 14, 2011, the Department received information or documentation indicating that you have complied with the requirements for final closure. Based on the correspondence and data provided, it appears that your case meets the closure requirements in ch. NR 726, Wisconsin Administrative Code. The Department considers this case closed and no further investigation or remediation is required at this time.

#### GIS Registry

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

- Residual soil contamination exists that must be properly managed should it be excavated or removed
- Pavement, an engineered cover or a soil barrier must be maintained over contaminated soil and the state must approve any changes to this barrier

This letter and information that was submitted with your closure request application will be included on the GIS Registry. To review the sites on the GIS Registry web page, visit the RR Sites Map page at: <http://dnr.wi.gov/org/aw/rr/gis/index.htm>. If the 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 <http://dnr.wi.gov/org/water/dwg/3300254.pdf> or at the web address listed above for the GIS Registry.

### Closure Conditions

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

### Cover or Barrier

Pursuant to s. 292.12(2)(a), Wis. Stats., the concrete cover that currently exists in the location shown on the attached map shall be maintained in compliance with the attached maintenance plan in order to prevent direct contact with residual soil contamination that might otherwise pose a threat to human health.

Soil contamination remains at in the area of the roundhouse as shown on the attached map and in the information submitted to the Department of Natural Resources. If soil in the specific locations shown on the attached map 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 is 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.

### Industrial Residual Soil Standards

Soil samples that are representative of remaining soil contamination on this property were collected in February and July 1997. These samples contained Tetrachloroethene (PCE) in concentrations that meet the site-specific industrial soil standards developed for this site.

Therefore, pursuant to s. NR 726.05(8)(b)1., Wis. Adm. Code, this property may not be used or developed for a residential, commercial, agricultural or other non-industrial use, unless (at the time that the non-industrial use is proposed) the property owner provides notification to the Department of Natural Resources of the change in land use and an investigation is conducted, to determine the degree and extent of PCE contamination that remains on the property, and remedial action is taken as necessary to meet all applicable non-industrial soil cleanup standards. If soil in the specific locations shown on the attached map and 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 is 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.

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 Department appreciates your efforts to restore the environment at this site. If you have any questions regarding this closure decision or anything outlined in this letter, please contact Dave Rozeboom at (715) 421-7873.

Sincerely,

A handwritten signature in blue ink that reads "Bill Evans".

Bill Evans, Team Supervisor  
West Central Region Remediation & Redevelopment Program

Attach.

- remaining soil contamination map
- Maintenance Plan

cc: Richard Reesman, AECOM, 1026 Willow Green Circle, Eau Claire, WI 54701

## CAP MAINTENANCE PLAN

November 2010

Wisconsin Central, Ltd.  
Stevens Point Rail Yard Roundhouse  
2201 Monroe Street  
Stevens Point, Wisconsin

WDNR BRRTS # 02-50-180282

### INTRODUCTION

This Maintenance Plan established for direct contact issues at the above referenced property meets the requirements of s. NR 724.13(2), Wisconsin Administrative Code. The maintenance activities relate to the existing concrete surface covering the industrial direct contact residual contaminant level (RCL) exceedance at the location of soil boring GP-101.

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

- The case file in the Wisconsin Department of Natural Resources (WDNR) Wisconsin Rapids office;
- BRRTS on the Web (the WDNR internet based data base of contaminated sites): <http://dnrmaps.wisconsin.gov/imf/imf.jsp?site=brrts2>; and
- The WDNR project manager Dave Rozeboom.

A limited volume of surficial soils (approximately 575 tons) impacted with petroleum and chlorinated related compounds were removed from the site to a depth of approximately 2.5 feet below the ground surface. Residual petroleum and chlorinated-impacted soil remains on the site. The only industrial direct contact RCL exceedance remaining is benzo(a)pyrene at the location of soil boring GP101 at a depth of 2.5 to 4.0 feet below the ground surface. Soil impacted with petroleum and chlorinated related VOC compounds at concentrations that exceed groundwater pathway RCLs also exist. However, the soil impacts are estimated to extend to approximately 8.5 feet below grade and the groundwater has not been impacted by the residual impacts left in-place. Additionally, considering the majority of the area is covered with concrete the potential for surface water to infiltrate the groundwater surface in the area of the residual impacted soil is minimized. The extent of the residual impacted soil and the location of the existing concrete cap are shown on Figure 1. Closure for the site included use of a soil performance standard to address remaining residually-impacted soil with industrial direct contact and groundwater pathway RCL exceedances.

## **DESCRIPTION OF THE CAP TO BE MAINTAINED**

The existing 9.5-inch thick concrete slab selected as cap should provide a barrier to direct contact with the underlying soil. The concrete cap will prevent disturbance and air suspension of soil particles, thereby preventing direct contact.

The purpose of this Cap Maintenance Plan (CMP) is to present requirements for maintaining the cap over the impacted soil. The CMP describes procedures necessary to observe and document that the cap over the impacted soil remains intact and in good condition. The next section describes the observation, inspection and documentation requirements.

## **ANNUAL INSPECTION**

The cap (concrete pavement) will be inspected once a year, normally in the spring after all snow and ice is gone, for deterioration, washout, animal burrows, and other potential problems that can cause direct contact with the underlying soils. The inspection will be performed to evaluate exposure to the weather and other factors. Any portion of the concrete cap that will not be effective as a barrier to contact will be documented. A log of the inspections and any repairs will be maintained by the property owner and is included as Table 1, Cap Inspection Log. The log will include recommendations for necessary repair of the area where the concrete cap will not be effective as a cap. 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 the WDNR representatives at their request.

If problems are noted during the annual inspections or at any other time during the year, repairs will be scheduled as soon as practical. In the event that necessary repair activities expose the underlying soil, the property owner must inform contractors performing the repair of the potential exposure hazard and afford them the opportunity to obtain appropriate personal protection equipment. The owner must also sample any soil that is excavated from the site prior to disposal to ascertain if contamination remains. Excavated soil must be treated, stored and disposed of by the owner in accordance with applicable local, state and federal law.

In the event the cap 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 cap, will maintain a copy of this Maintenance Plan 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 WDNR PRIOR TO ACTIONS AFFECTING THE CAP**

The following activities are prohibited on any portion of the project area where the concrete cap is required as shown on the attached map; unless prior written approval has been obtained from the WDNR:

1. removal of the existing cap;
2. replacement with another cap or WDNR-approved cap;
3. excavating or grading;
4. plowing for agricultural cultivation; or
5. construction or placement of a building or other structure.

## **AMENDMENT OF 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

Questions regarding this maintenance plan or the environmental conditions of the subject site should contact:

Mr. Brian Hayden  
Wisconsin Central, Ltd.  
1 Water Front Drive  
Two Harbors, MN 55616

Plan prepared by:

Dick Reesman, P.E.  
AECOM  
1026 Willow Green Circle  
Eau Claire, WI 54701

October 2009

Attachments:           Figure 1 – Area of Cap  
                              Table 1 – Cap Maintenance Log



ESTIMATED EXTENT OF CONTAMINATED SOIL THAT EXCEEDS GENERIC GROUNDWATER PATHWAY RCLs.

ESTIMATED EXTENT OF CONTAMINATED SOIL THAT EXCEEDS GENERIC DIRECT CONTACT RCLs FOR AN INDUSTRIAL USE PROPERTY.

LEGEND:

- SOIL BORING
- ▲ SOIL EXCAVATION CONFIRMATION SAMPLES
- ⊗ TEMPORARY WELL
- |||| RAILROAD TRACKS

*Industrial Direct Contact Exceedence*

ROUNDHOUSE

TURNTABLE

CAR SHOP

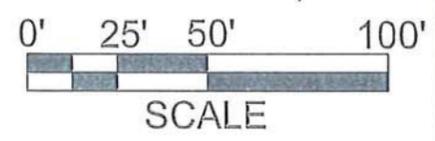
EXCAVATION LIMITS (JULY 1997). EXCAVATED 575 TONS. EXCAVATION EXTENDED TO 2.5 FEET BELOW GRADE.

- B-14
- GP-101
- B-4
- GP-102
- B-5
- B-13
- B-2
- B-1
- GP-103
- GP-104
- B-3
- B-8
- B-10
- B-16
- B-12
- GP-105
- B-11
- B-15

REV	DESCRIPTION	DRN	CHK	DATE

**AECOM**  
 200 Indiana Avenue  
 Stevens Point, WI 54481  
 T 715.341.8110 F 715.341.7900  
 WWW.AECOM.COM

WISCONSIN CENTRAL LTD.  
 STEVENS POINT ROUNDHOUSE  
 STEVENS POINT, WISCONSIN  
**ESTIMATED EXTENTS OF RESIDUAL  
 CONTAMINATED SOIL (POST EXCAVATION)**



DATE	10/14/2010
PROJECT NO.	60135617
FILENAME	G60135617_PostSoil.dwg
SHEET NO.	
DRAWING NO.	FIGURE 4

## **CAP MAINTENANCE PLAN**

November 2010

Wisconsin Central, Ltd.  
Stevens Point Rail Yard Roundhouse  
2201 Monroe Street  
Stevens Point, Wisconsin

WDNR BRRTS # 02-50-180282

### **INTRODUCTION**

This Maintenance Plan established for direct contact issues at the above referenced property meets the requirements of s. NR 724.13(2), Wisconsin Administrative Code. The maintenance activities relate to the existing concrete surface covering the industrial direct contact residual contaminant level (RCL) exceedance at the location of soil boring GP-101.

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

- The case file in the Wisconsin Department of Natural Resources (WDNR) Wisconsin Rapids office;
- BRRTS on the Web (the WDNR internet based data base of contaminated sites): <http://dnrmaps.wisconsin.gov/imf/imf.jsp?site=brts2>; and
- The WDNR project manager Dave Rozeboom.

A limited volume of surficial soils (approximately 575 tons) impacted with petroleum and chlorinated related compounds were removed from the site to a depth of approximately 2.5 feet below the ground surface. Residual petroleum and chlorinated-impacted soil remains on the site. The only industrial direct contact RCL exceedance remaining is benzo(a)pyrene at the location of soil boring GP101 at a depth of 2.5 to 4.0 feet below the ground surface. Soil impacted with petroleum and chlorinated related VOC compounds at concentrations that exceed groundwater pathway RCLs also exist. However, the soil impacts are estimated to extend to approximately 8.5 feet below grade and the groundwater has not been impacted by the residual impacts left in-place. Additionally, considering the majority of the area is covered with concrete the potential for surface water to infiltrate the groundwater surface in the area of the residual impacted soil is minimized. The extent of the residual impacted soil and the location of the existing concrete cap are shown on Figure 1. Closure for the site included use of a soil performance standard to address remaining residually-impacted soil with industrial direct contact and groundwater pathway RCL exceedances.

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## **ANNUAL INSPECTION**

The cap (concrete pavement) will be inspected once a year, normally in the spring after all snow and ice is gone, for deterioration, washout, animal burrows, and other potential problems that can cause direct contact with the underlying soils. The inspection will be performed to evaluate exposure to the weather and other factors. Any portion of the concrete cap that will not be effective as a barrier to contact will be documented. A log of the inspections and any repairs will be maintained by the property owner and is included as Table 1, Cap Inspection Log. The log will include recommendations for necessary repair of the area where the concrete cap will not be effective as a cap. 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 the WDNR representatives at their request.

If problems are noted during the annual inspections or at any other time during the year, repairs will be scheduled as soon as practical. In the event that necessary repair activities expose the underlying soil, the property owner must inform contractors performing the repair of the potential exposure hazard and afford them the opportunity to obtain appropriate personal protection equipment. The owner must also sample any soil that is excavated from the site prior to disposal to ascertain if contamination remains. Excavated soil must be treated, stored and disposed of by the owner in accordance with applicable local, state and federal law.

In the event the cap 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 cap, will maintain a copy of this Maintenance Plan 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 WDNR PRIOR TO ACTIONS AFFECTING THE CAP**

The following activities are prohibited on any portion of the project area where the concrete cap is required as shown on the attached map; unless prior written approval has been obtained from the WDNR:

1. removal of the existing cap;
2. replacement with another cap or WDNR-approved cap;
3. excavating or grading;
4. plowing for agricultural cultivation; or
5. construction or placement of a building or other structure.

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1 Water Front Drive  
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Plan prepared by:

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AECOM  
1026 Willow Green Circle  
Eau Claire, WI 54701

October 2009

Attachments:           Figure 1 – Area of Cap  
                                  Table 1 – Cap Maintenance Log



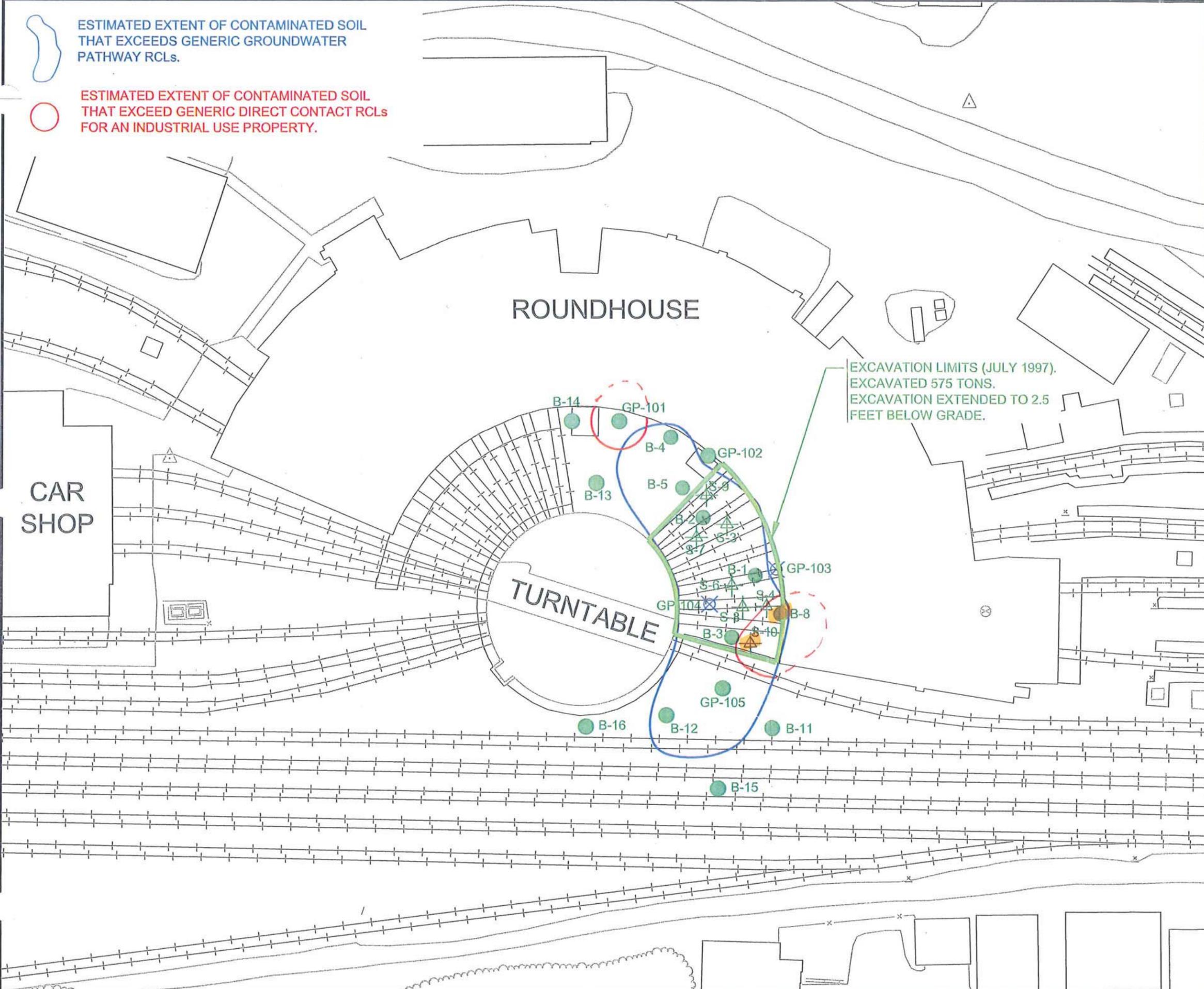
ESTIMATED EXTENT OF CONTAMINATED SOIL THAT EXCEEDS GENERIC GROUNDWATER PATHWAY RCLs.

ESTIMATED EXTENT OF CONTAMINATED SOIL THAT EXCEEDS GENERIC DIRECT CONTACT RCLs FOR AN INDUSTRIAL USE PROPERTY.

LEGEND:

- SOIL BORING
- SOIL EXCAVATION CONFIRMATION SAMPLES
- TEMPORARY WELL
- RAILROAD TRACKS

*Industrial Direct Contact Exceedence*



REV	DESCRIPTION	DRN	CHK	DATE

**AECOM**  
 200 Indiana Avenue  
 Stevens Point, WI 54481  
 T 715.341.8110 F 715.341.7390  
 WWW.AECOM.COM

WISCONSIN CENTRAL LTD.  
 STEVENS POINT ROUNDHOUSE  
 STEVENS POINT, WISCONSIN

**ESTIMATED EXTENTS OF RESIDUAL  
 CONTAMINATED SOIL (POST EXCAVATION)**

DATE	10/14/2010
PROJECT NO.	60135617
FILENAME	G60135617_Post-Soil.dwg
SHEET NO.	
DRAWING NO.	FIGURE 4

LINE CODE	ST.	VAL SEC.	MAP NO.	PAR. NO.	CUSTODIAN NO.	TRANS. DATE
CM	WI	3	SL 1B	30		5-21- 1895
				31		7-13- 1887

003966

DEED ENCOMPASSING ENTIRE STEVENS POINT  
RAILYARD.

PAGE 1 OF 10

Dist. plat 4, p. 9-9, 1871, Dist. 14, Cont. 26  
Wade's C. of H. Point P. Co.

**Special Warranty Deed.**

Trustees of the Stevens Point Land  
Company.

*The Wisconsin Central Railroad  
Company  
Contract*

STATE OF WISCONSIN,  
Portage County.

This Instrument was for Record  
on the 22<sup>nd</sup> day of November  
A. D. 1875, at the hour of 10<sup>th</sup>

o'clock, P.M., and duly recorded in Book  
of Deeds at Page 573

*Ole O. Wagsland*  
REGISTRAR.

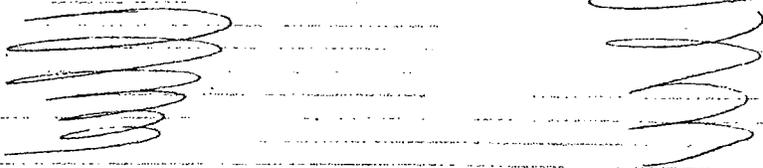
OFFICE OF  
Stevens Point Land Company.

This Indenture, Made this Twenty first day of September in the year of our Lord One Thousand Eight Hundred and Seventy five BETWEEN Andrew F. Wyatt, Trustee of the Stevens Point Land Company, of the City of Stevens Point, County of Portage, and State of Wisconsin, party of the first part, and The Wisconsin Central Railroad Company

WITNESSETH, That the said party of the first part, for and in consideration of the sum of One hundred (100) <sup>part of the second part</sup> Dollars, lawful money of the United States of America.

to him in hand paid by the said party of the second part, at or before the enrolling and delivery of these presents, does alien, remise, release, convey and confirm, unto the said parties of the second part, and to their heirs and assigns forever, all of the following described premises, situated, lying and being in the City of Stevens Point, in the County of Portage, and State of Wisconsin, known and described as follows, to wit:

That portion of Lots numbered Six (6), Seven (7), Eight (8), nine (9), Ten (10) and Eleven (11) in Block Number Fourteen (14) of the central addition to the city of Stevens Point lying south of a straight line drawn from the South East corner of lot Six (6) to the north west corner of lot Eleven (11)



TOGETHER With all and singular the tenements, hereditaments and appurtenances thereunto belonging or in anywise appertaining, and the reversion and reversions, remainder and remainders, rents, issues and profits thereof; and also all the estate, right, title, interest, property, possession, claim and demand whatsoever, as well in law as in equity, of the said party of the first part, of, in or to the above described premises, and every part and parcel thereof, with the appurtenances; TO HAVE AND TO HOLD all and singular the above mentioned and described premises, together with the appurtenances, unto the said parties of the second part, their heirs and assigns FOREVER.

And the said party of the first part for himself, his heirs, executors, and administrators, does hereby covenant, promise and agree, to and with the said parties of the second part their heirs and assigns, that he has not made, done, committed, executed or suffered any act or acts, thing or things, whatsoever, whereby, or by means whereof, the above mentioned and described premises, or any part or parcel thereof, now are, or at any time hereafter shall or may be impeached, charged, or encumbered, in any manner or way whatsoever.

IN WITNESS WHEREOF, The said party of the first part has hereunto set his hand and seal the day and year first above written.

IN THE PRESENCE OF

L. A. McHenry,  
R. J. Knechtel

Andrew F. Wyatt  
Trustee of the Stevens Point Land Company.

State of Wisconsin,  
Portage County.

I, W. D. Buckingham a Notary Public in and for said Portage County, and residing in said County, in the State aforesaid, do hereby certify that ANDREW F. WYATT, who is personally known to me to be the same person whose name is subscribed to the within Deed, as having executed the same for and as the Trustee of the Stevens Point Land Company, appeared before me this day in person, and acknowledged that he for and as such Trustee, signed, sealed and delivered said deed of his own free and voluntary act, for the uses and purposes therein set forth.



Given under my hand and Notarial Seal this 27th day of September 1875  
W. D. Buckingham  
Notary Public

Lot 415 RR 6, 7, 8, 9, 10 & 11 RR 12  
Central RR to Stevens Point  
20

**Special Warranty Deed.**

Trustee of the Stevens Point Land  
Company,

*The Wisconsin Central  
Railroad Company -  
Entered*

STATE OF WISCONSIN, No. \_\_\_\_\_  
Portage County.

This instrument was filed for record  
on the 28<sup>th</sup> day of Sept.

A. D. 1897, at the hour of 11  
o'clock, A.M., and duly recorded in Book  
46 of Records at page 26.

*John A. Howard*  
REGISTER.

OFFICE OF  
Stevens Point Land Company.

This Indenture, Made this Thirteenth day of September in the year of our Lord One Thousand Eight Hundred and ~~Seventy eight~~ eighty seven BETWEEN Andrew F. Wyatt, Trustee of the Stevens Point Land Company, of the City of Stevens Point, County of Portage, and State of Wisconsin, party of the first part, and The Wisconsin Central Railroad Company, a corporation duly created, organized and existing under and by virtue of the laws of the State of Wisconsin party of the second part, WITNESSETH, That the said party of the first part, for and in consideration of the sum of Two Hundred and Twenty Five (\$225.00) Dollars, lawful money of the United States of America, to him in hand paid by the said party of the second part, at or before the executing and delivery of these presents, does alien, remise, release, convey and confirm, unto the said party of the second part, and to ~~his successors~~ and assigns forever, all of the following described premises, situated, lying and being in the City of Stevens Point, in the County of Portage, and State of Wisconsin, known and described as follows, to wit:

All of lots numbered four (4), and five (5) and all that part of lots numbered six (6), seven (7), eight (8), nine (9), ten (10) and eleven (11), which lie north of a line drawn from the southeast corner of said lot six (6) to the northwest corner of said lot eleven (11), all in Block Numbered fourteen (14) in the Central Addition to said City of Stevens Point.

TOGETHER With all and singular the tenements, hereditaments and appurtenances therunto belonging or in anywise appertaining, and the reversion and reversions, remainder and remainders, rents, issues and profits thereof; and also all the estate, right, title, interest, property, possession, claim and demand whatsoever, as well in law as in equity, of the said party of the first part, of, in or to, the above described premises, and every part and parcel thereof, with the appurtenances; TO HAVE AND TO HOLD all and singular the above mentioned and described premises, together with the appurtenances, unto the said party of the second part, ~~successors~~ and assigns FOREVER.

And the said party of the first part ~~himself~~, his heirs, executors, and administrators, does hereby covenant, promise and agree, to and with the said party of the second part, ~~successors~~ and assigns, that he has not made, done, committed, executed or suffered any act or acts, thing or things, whatsoever, whereby, or by means whereof, the above mentioned and described premises, or any part or parcel thereof, now are, or at any time hereafter shall or may be impeached, charged, or encumbered, in any manner or way whatsoever, and ~~that he will forever warrant and defend said premises in the quiet and peaceable possession of said party of the second part, its successors and assigns, against any and all claims and claims by virtue of any outstanding taxes or tax certificates against said premises.~~

IN WITNESS WHEREOF, The said party of the first part has hereunto set his hand and seal this day and year first above written.  
IN THE PRESENCE OF  
M. B. Buckingham  
J. H. ...

Andrew F. Wyatt  
Trustee of the Stevens Point Land Company.

State of Wisconsin,  
Portage County.

I, M. B. Buckingham a Notary Public

in and for said Portage County, and residing in said County, in the State aforesaid, do hereby certify that ANDREW F. WYATT, who is personally known to me to be the same person whose name is subscribed to the within Deed, as having executed the same for and as the Trustee of the Stevens Point Land Company, appeared before me this day in person, and acknowledged that he for and as such Trustee, signed, sealed and delivered said deed of his own free and voluntary act, for the uses and purposes therein set forth.

Given under my hand and Notarial Seal this 13<sup>th</sup> day of September 1887  
M. B. Buckingham  
Notary Public

-26-

Lots 4-5-6-7-8-9-10&11 of  
Block 14-Cent Add. Steer Pt.  
Trustees of Stevens  
Point Land Co. To  
Wis. Cent R.R. Co.  
2 War Deeds.

PAGE 6 OF 10

LINE CODE	ST.	VAL SEC	MAP NO.	PAR. NO.	CUSTODIAN NO.	TRANS. DATE
CM	WI	3	SL 1B	25, 25A		10-7 1916

003962

11

2/11/65/52

No. 89863

*Wm. B. Packerly*

TO  
*John Paulsen*  
Lot 3/7 Cont add  
*12/1/64*

**WARRANTY DEED**

REGISTERS OFFICE,  
*Paulsen* County, Wis.  
Number of record this *72* day  
of *October* A.D. 19*66*  
at *7* o'clock *P.*M., and recorded  
in Vol. *110* of Deeds on page *76 1/2*  
*Wm. B. Packerly*  
Register of Deeds.

*17506 Paulsen Cont*  
*1966 - Lamin Oct 1966*  
*B7217*

JOHN R. McDONALD  
REAL ESTATE & NOTARY PUBLIC  
STEVENS POINT, WIS.

*John R. McDONALD*  
*Notary Public*

Drawn by	
Taxes	<i>640</i>
Engineers	<i>FINA</i>
Compared Plat	
Entered Record	
Valuation Eng'rs	<i>0487</i>
Living Dept	

Anna B. Leatherly (nee Topping), a widow  
 Grantor of Stevens Point Portage County, Wisconsin, hereby CONVEY and WAR-  
 RANTED to Minneapolis, St. Paul & Sault Ste. Marie  
 Railway Company.  
 grantee of Stevens Point Portage County, Wisconsin, for the sum of  
 Nine Hundred (\$900.00) DOLLARS,  
 the following tract of land in Town of Stevens Point Portage County, in the State of

Wisconsin, to-wit:  
 The Lot numbered Three (3) in the Block numbered  
 Seven (7) of Central Addition to the City of Stevens  
 Point according to the plat thereof on file and of  
 records in the office of the Register of Deeds for  
 said County. Retaining to said first party all  
 building now located on said lot Three (3)

WITNESS the hand and seal of said grantor this Seventh day  
 of October 1916.

In presence of  
 Wm. Payne  
 Jas. A. Ballou

Anna B. Leatherly  
 nee Topping

STATE OF WISCONSIN, )  
 ) ss.  
 Portage County, )  
 Personally came before me, this 7th day of October, A. D. 1916,  
 the above named Anna B. Leatherly nee Topping  
 to me known to be the person who executed the foregoing instrument, and acknowledged the  
 same.

Commission Expires Feb. 25th, 1919  
 Notary Public

PAGE 9  
 of 10

FORTY NO. 21A/65 BOX NO. 32

Ry. Record..... Page.....

Description	Sec. or Lot	Twp. or Bk.	Rgs
<u>Lot</u> <u>Central Addition</u> <u>Stevens Point</u>	<u>3</u>	<u>7</u>	

..... County .....

**Chicago Division of the  
Minneapolis, St. Paul & Sault Ste. Marie Railway Company,**

..... Line .....

Grantor Anna B Fetherly

..... Deed .....

Consideration .....

Date executed ..... 191.....

Recorded ..... 191 ..... Book ..... Page .....

..... Mortgage .....

Consideration .....

Date executed ..... 191.....

Recorded ..... 191 ..... Book ..... Page .....

Abstract ..... 191.....

*PAGE 10 OF 10*

## RESPONSIBLE PARTY STATEMENT

I, Brian Hayden, certify that, to the best of my knowledge, the legal description described below encompasses the area where residual soil impacts remain in the vicinity of the Roundhouse at the Stevens Point Rail Yard as shown on the attached Exhibit 1 included in the GIS Registry submittal packet prepared by AECOM for the Wisconsin Central Ltd. WDNR BRRTS No. 02-50-180282.

Part of the Southwest ¼ of the Southwest ¼ of Section 33, Township 24 North, Range 8 East, City of Stevens Point, Portage County, Wisconsin, describes as follows:

Commencing at the Southwest corner of said Section 33; thence N89°20'35"E, 510.12 feet along the South line of said Section 33; thence N00°39'25"W, 311.99 feet to the point of beginning:

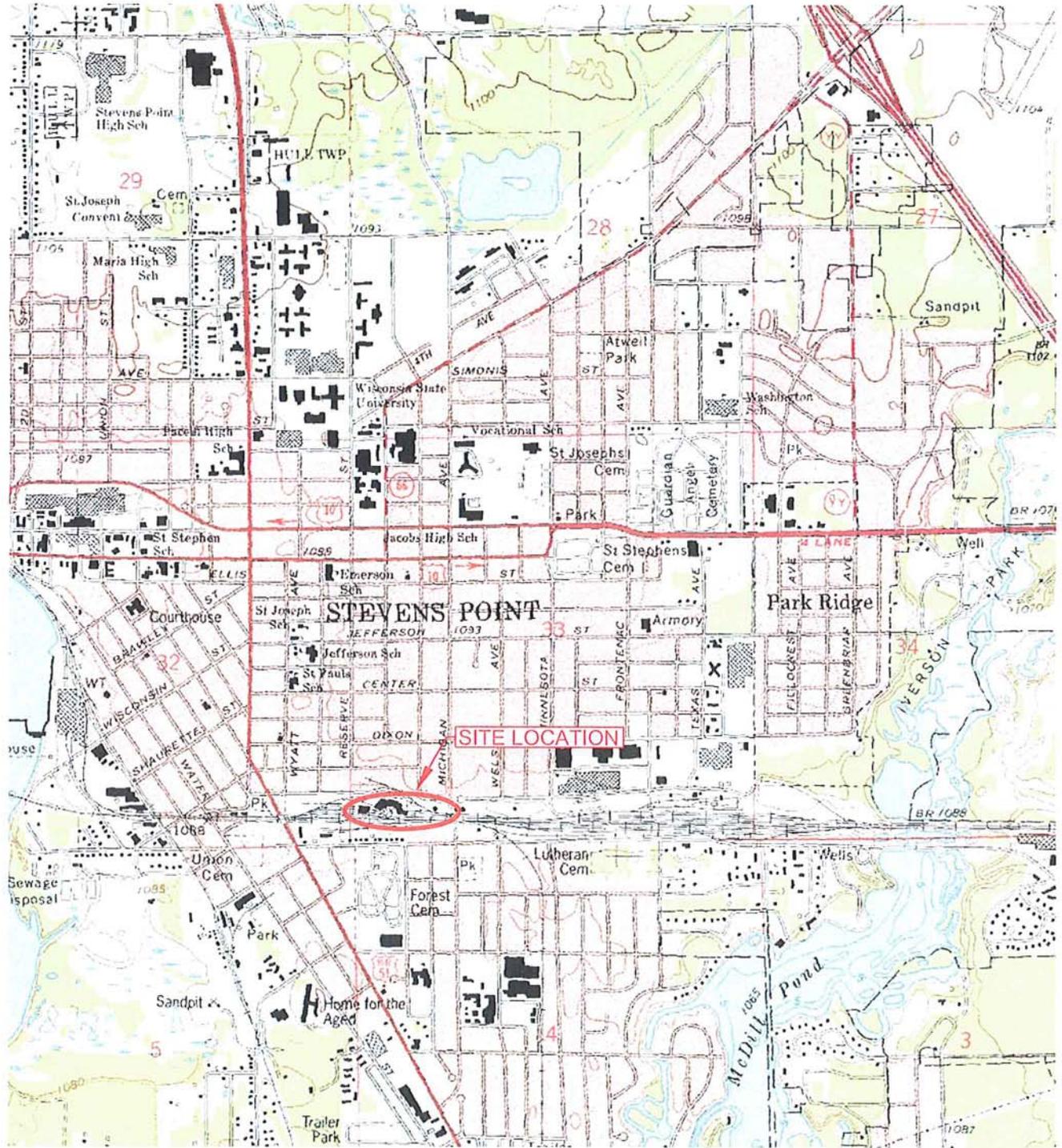
Thence N00°39'25"W, 207.38 feet;  
Thence N89°20'35"E, 128.58 feet;  
Thence S00°39'25"E, 207.38 feet;  
Thence S89°20'35"W 128.58 feet, to the point of beginning.

Said parcel containing 0.612 acres of land more or less.

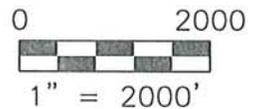
Signature:       *Brian T Hayden*       Digitally signed by Brian Hayden  
Date: 2011.02.23 13:51:03 -06'00'

Date:       2/23/11

L:\work\Project\...35617\000\_CAD\001\_Drawings\Sheets\G60135617\_Location.dwg: 10/11/2010 2:55:58 PM: BREUNIG, : STS.stb



MAP SOURCE: STEVENS POINT, WI USGS TOPO QUADRANGLE, DATED 1970.



200 Indiana Avenue  
Stevens Point, WI 54481  
715.341.8110  
www.aecom.com  
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**SITE LOCATION MAP**  
**WISCONSIN CENTRAL LTD.**  
**STEVENS POINT RAIL YARD**  
**RELEASES FOR BRRTS #02-50-180282**  
**STEVENS POINT, WISCONSIN**

Drawn:	ALB	10/11/2010
Checked:	RSR	10/11/2010
Approved:	RSR	10/11/2010
PROJECT NUMBER	60135617	
FIGURE NUMBER	1	

○ ESTIMATED EXTENT OF CONTAMINATED SOIL THAT EXCEEDS GENERIC DIRECT CONTACT RCLs FOR AN INDUSTRIAL USE PROPERTY.

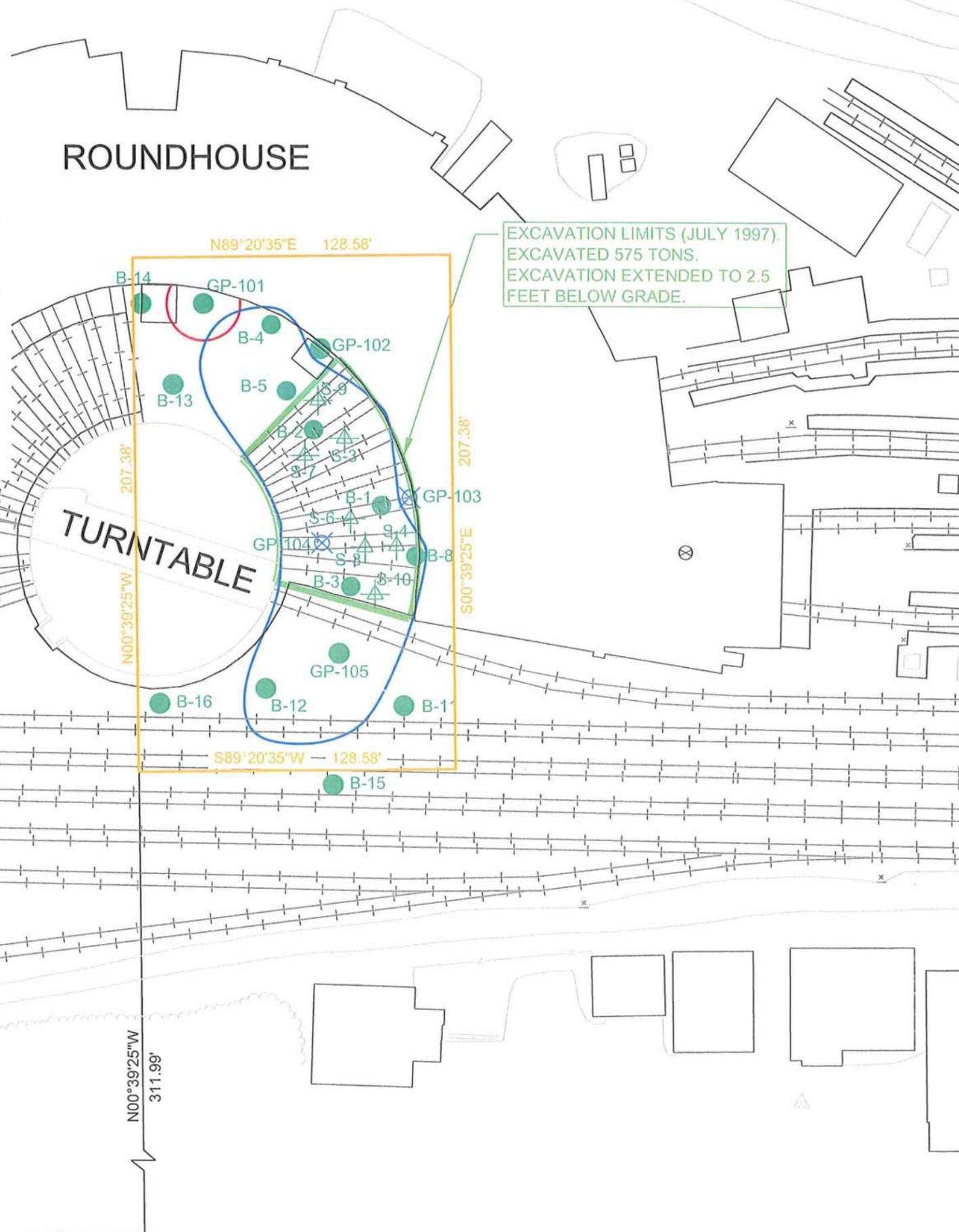
○ ESTIMATED EXTENT OF CONTAMINATED SOIL THAT EXCEEDS GENERIC GROUNDWATER PATHWAY RCLs.

PART OF THE SOUTHWEST ¼ OF THE SOUTHWEST ¼ OF SECTION 33, TOWNSHIP 24 NORTH, RANGE 8 EAST, CITY OF STEVENS POINT, PORTAGE COUNTY, WISCONSIN, DESCRIBES AS FOLLOWS:

COMMENCING AT THE SOUTHWEST CORNER OF SAID SECTION 33; THENCE N89°20'35"E, 510.12 FEET ALONG THE SOUTH LINE OF SAID SECTION 33; THENCE N00°39'25"W, 311.99 FEET TO THE POINT OF BEGINNING;

THENCE N00°39'25"W, 207.38 FEET;  
 THENCE N89°20'35"E, 128.58 FEET;  
 THENCE S00°39'25"E, 207.38 FEET;  
 THENCE S89°20'35"W 128.58 FEET, TO THE POINT OF BEGINNING.

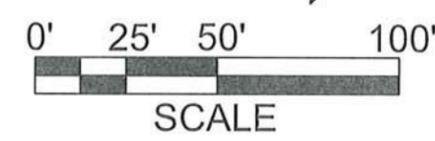
SAID PARCEL CONTAINING 0.612 ACRES OF LAND MORE OR LESS.



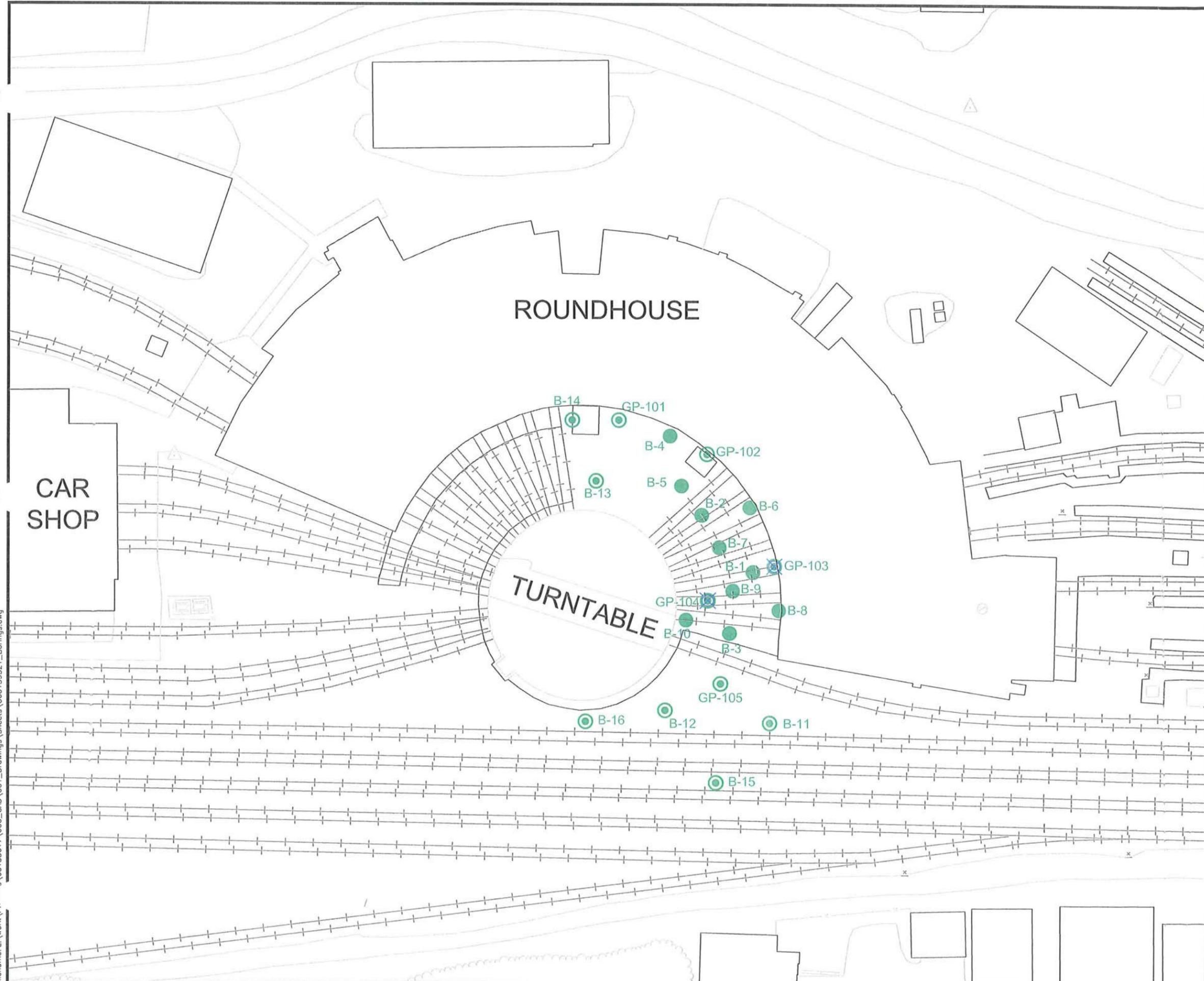
EXCAVATION LIMITS (JULY 1997), EXCAVATED 575 TONS. EXCAVATION EXTENDED TO 2.5 FEET BELOW GRADE.

- LEGEND:
- SOIL BORING
  - ▲ SOIL EXCAVATION CONFIRMATION SAMPLES
  - ⊗ TEMPORARY WELL
  - ⊃ RAILROAD TRACKS

SOUTHWEST CORNER SECTION 33 T24N, R8E  
 N89°20'35"E 510.12'  
 SOUTH LINE OF SOUTHWEST 1/4, SECTION 33



WISCONSIN CENTRAL LTD. STEVENS POINT ROUNDHOUSE STEVENS POINT, WISCONSIN		AECOM 200 Indiana Avenue Stevens Point, WI 54481 T 715.341.8110 F 715.341.7990 WWW.AECOM.COM	
LEGAL DESCRIPTION AREA ENCOMPASSING RESIDUAL IMPACTED SOIL			
DATE	11/8/2010	DRN BY:	ALB
PROJECT NO.	60135617	DES BY:	RSR
FILENAME	60135617_Post-Soil_New Legal.dwg	CHK BY:	RSR
SHEET NO.		APP BY:	
DRAWING NO.	EXHIBIT 1	REV	
		DRN	CHK
		DATE	



- LEGEND:
- BORING (BY OTHERS)
  - BORING (AECOM)
  - ⊗ TEMPORARY WELL (AECOM)
  - ||| RAILROAD TRACKS

REV	DESCRIPTION	DRN	CHK	DATE

**AECOM**

200 Indiana Avenue  
Stevens Point, WI 54481  
T 715.341.8110 E 715.341.7390  
WWW.AECOM.COM

WISCONSIN CENTRAL LTD.  
STEVENS POINT ROUNDHOUSE  
STEVENS POINT, WISCONSIN

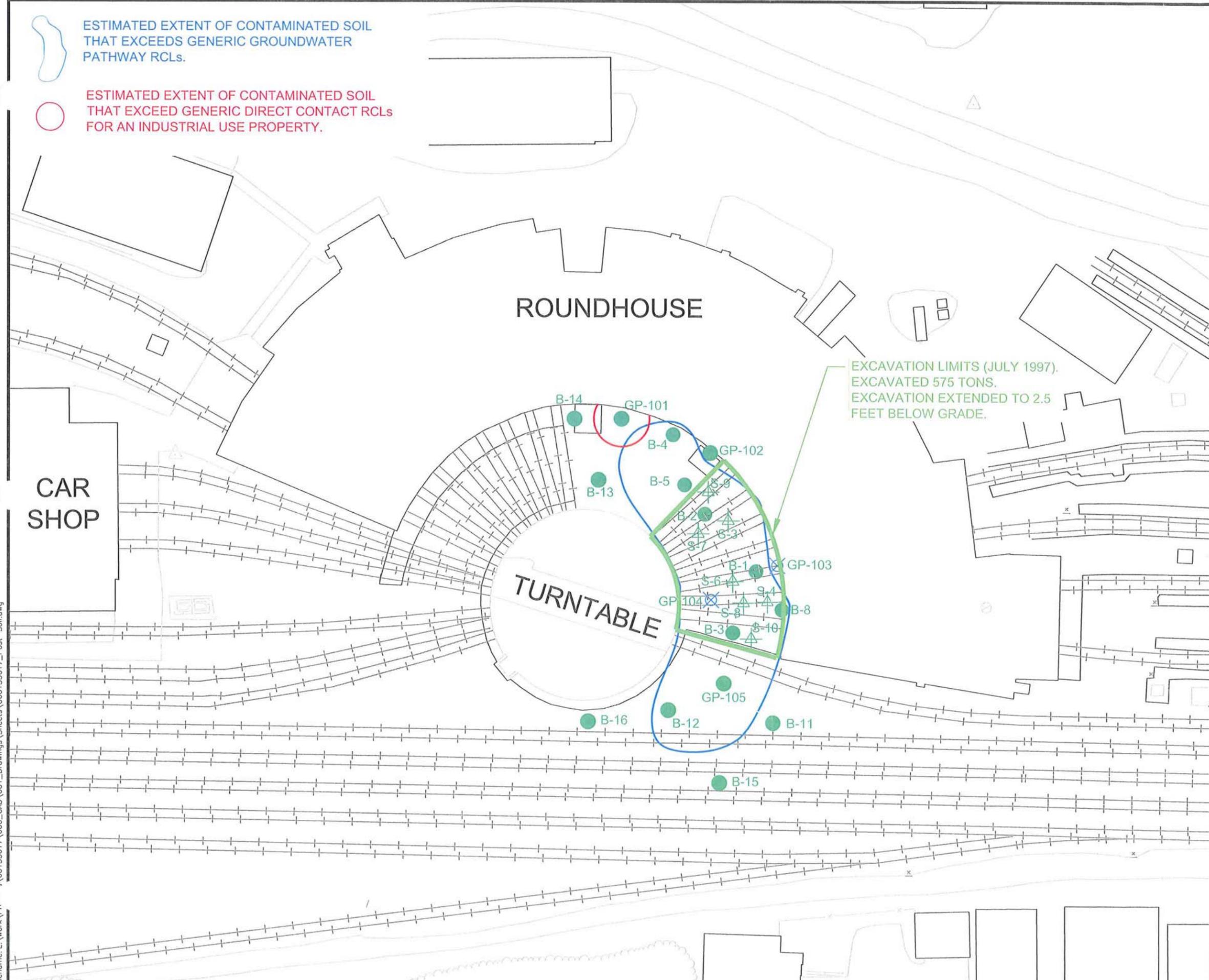
**SOIL BORING / TEMPORARY WELL LOCATIONS**

DATE	10/7/2010
PROJECT NO.	60135617
FILENAME	G60139321_Borings.dwg
SHEET NO.	
DRAWING NO.	FIGURE 2

ESTIMATED EXTENT OF CONTAMINATED SOIL THAT EXCEEDS GENERIC GROUNDWATER PATHWAY RCLs.

ESTIMATED EXTENT OF CONTAMINATED SOIL THAT EXCEEDS GENERIC DIRECT CONTACT RCLs FOR AN INDUSTRIAL USE PROPERTY.

- LEGEND:
- SOIL BORING
  - ▲ SOIL EXCAVATION CONFIRMATION SAMPLES
  - ⊗ TEMPORARY WELL
  - ||| RAILROAD TRACKS



REV	DESCRIPTION	DRN	CHK	DATE

200 Indiana Avenue
   
 Stevens Point, WI 54481
   
 T 715.341.8110 F 715.341.7390
   
 WWW.AECOM.COM

WISCONSIN CENTRAL LTD.  
 STEVENS POINT ROUNDHOUSE  
 STEVENS POINT, WISCONSIN  
**ESTIMATED EXTENTS OF RESIDUAL  
 CONTAMINATED SOIL (POST EXCAVATION)**

DATE	10/14/2010
PROJECT NO.	60135617
FILENAME	G60135617_Post-Soil.dwg
SHEET NO.	
DRAWING NO.	FIGURE 4

**Table 2**  
**Post-Excavation Residual Soil Analytical Results**  
**Stevens Point Rail Yard - Round House Area**

	Generic RCLs <sup>(1)(3)</sup>		NR 746 Criteria <sup>(2)</sup>		B-1		B-2		B-3		B-4	B-5	B-6	B-7	B-8	B-9	B-10	S-7	S-8	S-9	S-10	GP-101		GP-102		GP-103		GP-104		GP-105		B-11	B-12	B-13	B-14	B-15		B-16				
	Protection of Groundwater (A)	Industrial Direct Contact (B)	Table 1 Indicator of Residual Petroleum Product in Soil Pores (C)	Table 2 Protection of Human Health from Direct Contact with Contaminated Soil (D)	0-1.5'	6-7.5'	0-1.5'	6-7.5'	0-1.5'	6-7.5'	0-1.5'	0-1.5'	0-1.5'	0-1.5'	0-1.5'	0-1.5'	0-1.5'	2.5'	2.5'	2.5'	2.5'	2.5-4.0'	17.5-19.0'	3.0-4.0'	17.0-18.5'	3.0-4.0'	19.0-20.0'	3.0-4.0'	19.0-20.0'	3.0-4.0'	17.5-18.5'	1.0-2.0'	1.0-2.0'	1.0-2.0'	1.0-2.0'	1.0-3.0'	6.0-8.0'	1.0-3.0'	6.0-8.0'			
					Dec-96	Dec-96	Dec-96	Dec-96	Dec-96	Dec-96	Feb-97	Feb-97	Feb-97	Feb-97	Feb-97	Feb-97	Feb-97	Jul-97	Jul-97	Jul-97	Jul-97	Aug-08	Aug-08	Aug-08	Aug-08	Aug-08	Aug-08	Aug-08	Aug-08	Aug-08	Aug-08	Oct-09	Oct-09	Oct-09	Oct-09	Aug-10	Aug-10	Aug-10	Aug-10			
<b>Volatile Organic Compounds (µg/kg):</b>																																										
1,1,1-Trichloroethane	280	204,000,000			129	--	--	--	--	--	<7.6	<7.6	<7.6	<7.6	370 <sup>A</sup>	315 <sup>A</sup>	370 <sup>A</sup>	<25	<25	101	395 <sup>A</sup>	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25		
1,1-Dichloroethane	349	204,000,000			--	--	--	--	--	--	<10	<20	<20	<20	<20	75	<20	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	
1,2,4-Trimethylbenzene	7,573	51,100,000	83,000		514	--	145	--	--	--	103	115	159	89	122	329	157	<25	103	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	
1,3,5-Trimethylbenzene	3,520	51,100,000	11,000		770	--	56	--	--	--	48	53	111	34	67	250	102	<25	43	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	
1,2-Dichlorobenzene	1,800	92,000,000			--	--	--	--	--	--	<20	<20	<20	<20	<20	83	<20	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	
2-Chlorotoluene	313,000				638	--	--	--	--	--	<12	<12	<12	<12	<12	3,370	419	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
2,2-Dichloropropane					--	--	--	--	--	--	--	--	--	--	--	--	--	<25	116	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	
2-Chlorotoluene					78	--	--	--	--	--	<12	<12	<12	<12	<12	<12	<12	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	
Benzene	5.5	52,000	8,500	1,100	59 <sup>A</sup>	<25	<25	<25	--	<25	<9	<9	<9	<9	<9	<9	<9	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25		
Ethylbenzene	2,900	102,000,000	4,600		80	<25	62	<25	--	<25	46	67	134	43	65	37	64	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	
Isopropylbenzene					113	--	--	--	--	--	61	87	49	37	89	387	130	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	
Methylene Chloride	1.6	382,000			--	--	--	--	--	--	175 <sup>A</sup>	<67	966 <sup>A</sup>	<67	126 <sup>A</sup>	164 <sup>A</sup>	<67	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	
n-Butylbenzene					--	--	--	--	--	--	<10	<10	99	<10	191	73	<25	266	<25	<25	<25	<25	<40.4	<40.4	<40.4	<40.4	<40.4	<40.4	<40.4	<40.4	<40.4	<40.4	<40.4	<40.4	<40.4	<40.4	<40.4	<40.4	<40.4	<40.4		
n-Propylbenzene					687	--	--	--	--	--	<9.9	<9.9	<9.9	<9.9	3,610	391	<25	80	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	
Naphthalene	400	110,000	2,700		2,020 <sup>A</sup>	--	--	--	--	--	195	253	499 <sup>A</sup>	184	163	323	458 <sup>A</sup>	<25	242	<25	<25	163	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25		
o-Chlorotoluene					--	--	--	--	--	--	--	--	--	--	--	--	27	103	<25	<25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
p-Isopropyltoluene					--	--	--	--	--	--	<7.6	48	62	<7.6	51	3,480	128	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25		
sec-Butylbenzene					--	--	--	--	--	--	<6.2	76	<6.2	<6.2	80	486	111	<25	113	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25		
tert-Butylbenzene					--	--	--	--	--	--	<15	<15	<15	<15	<15	<15	<15	<25	86	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25		
Tetrachloroethene	4.1	55,000			427 <sup>A</sup>	--	--	--	--	--	<24	70 <sup>A</sup>	--	59 <sup>A</sup>	3,530 <sup>A</sup>	760 <sup>A</sup>	1,580 <sup>A</sup>	<25	1,208 <sup>A</sup>	210 <sup>A</sup>	4,217 <sup>A</sup>	171 <sup>A</sup>	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25		
Toluene	1,500	81,800,000	38,000		240	<25	154	<25	--	<25	95	171	152	52	158	70	165	<25	318	33	72	27.1	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25		
Trichloroethylene	3.7	7,150			--	--	--	--	--	--	<13	<13	<13	<13	<13	<13	<13	<25	29 <sup>A</sup>	52 <sup>A</sup>	91 <sup>A</sup>	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25		
Xylenes	4,100	204,000,000	42,000		236	<25	345	<25	--	<25	243	355	481	188	345	219	348	50	50	<25	<25	28.7	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50		
<b>Polynuclear Aromatic Hydrocarbons (µg/kg):</b>																																										
1-Methylnaphthalene	23,000	70,000,000			--	--	--	--	--	--	--	--	--	--	--	--	--	84	--	--	--	67.6	<1.9	<1.9	<1.9	<1.9	<1.9	13.4	<1.9	28.9	<1.9	<1.9	54.2	<1.9	<1.9	--	--	--	--			
2-Methylnaphthalene	20,000	40,000,000			--	--	--	--	--	--	--	--	--	--	--	--	--	49.3	--	--	--	74.4	<1.9	<1.9	<1.9	<1.9	<2.0	16.1	<2.0	35.6	<2.0	<1.3	73.9	<1.9	<2.0	--	--	--	--			
Acenaphthene	38,000	60,000,000			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<19.3	<0.96	<0.96	<0.96	<0.96	<0.97	10.1	<0.97	<0.95	<0.98	<0.96	3	<0.97	<0.98	--	--	--	--			
Acenaphthylene	700	360,000			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	589	<1.8	<1.8	<1.8	<1.8	<1.8	45.4	<1.8	<1.8	<1.8	<1.8	25.9	<1.8	<1.8	--	--	--	--			
Anthracene	3,000,000	300,000,000			--	--	--	2,290	--	--	--	--	--	--	--	--	--	--	--	--	--	879	<4.8	<4.8	<4.8	<4.8	<4.8	71.8	<4.8	<4.7	<4.8	<4.7	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8		
Benzo(a)anthracene	17,000	3,900			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	2,650	<8.7	<8.7	<8.7	<8.7	<8.8	135	<8.8	<8.6	<8.											

**Table 3**  
**Groundwater Data Summary**  
**Stevens Point Rail Yard - Round House Area**

	NR 140	NR 140	Location	GP-103	GP-104
	Table 1 & 2 ES	Table 1 & 2 PAL	Date	8/21/2008	8/21/2008
<b>Volatile Organic Compounds (VOCs)</b>					
Benzene	5	0.5	ug/L	<0.41	<0.41
Bromobenzene			ug/L	<0.82	<0.82
Bromodichloromethane	0.6	0.06	ug/L	<0.56	<0.56
Bromoform	4.4	0.44	ug/L	<0.94	<0.94
tert-Butylbenzene			ug/L	<0.97	<0.97
sec-Butylbenzene			ug/L	<0.89	<0.89
n-Butylbenzene			ug/L	<0.93	<0.93
Carbon Tetrachloride	5	0.5	ug/L	<0.49	<0.49
Chlorobenzene			ug/L	<0.41	<0.41
Chloroethane	400	80	ug/L	<0.97	<0.97
Chloroform	6	0.6	ug/L	<1.3	<1.3
Chloromethane	3	0.3	ug/L	<0.24	<0.24
2-Chlorotoluene			ug/L	<0.85	<0.85
4-Chlorotoluene			ug/L	<0.74	<0.74
1,2-Dibromo-3-chloropropane	0.2	0.02	ug/L	<1.7	<1.7
Dibromochloromethane	60	6	ug/L	<0.81	<0.81
1,4-Dichlorobenzene	75	15	ug/L	<0.95	<0.95
1,3-Dichlorobenzene	1250	125	ug/L	<0.87	<0.87
1,2-Dichlorobenzene	600	60	ug/L	<0.83	<0.83
Dichlorodifluoromethane	1000	200	ug/L	<0.99	<0.99
1,2-Dichloroethane	5	0.5	ug/L	<0.36	<0.36
1,1-Dichloroethane	850	85	ug/L	<0.75	<0.75
1,1-Dichloroethene	7	0.7	ug/L	<0.57	<0.57
cis-1,2-Dichloroethene	70	7	ug/L	<0.83	<0.83
trans-1,2-Dichloroethene	100	20	ug/L	<0.89	<0.89
1,2-Dichloropropane	5	0.5	ug/L	<0.49	<0.49
2,2-Dichloropropane			ug/L	<0.62	<0.62
1,3-Dichloropropane	0.2	0.02	ug/L	<0.61	<0.61
Di-isopropyl ether			ug/L	<0.76	<0.76
Ethylbenzene	700	140	ug/L	<0.54	<0.54
Hexachloro-1,3-butadiene	1	0.1	ug/L	<0.67	<0.67
Isopropylbenzene			ug/L	<0.59	<0.59
p-Isopropyltoluene			ug/L	<0.67	<0.67
Methylene chloride	5	0.5	ug/L	<0.43	<0.43
Methyl tert-butyl ether (MTBE)	30	12	ug/L	<0.61	<0.61
Naphthalene	100	10	ug/L	<0.89	<0.89
n-Propylbenzene			ug/L	<0.81	<0.81
1,1,2,2-Tetrachloroethane	70	7	ug/L	<0.20	<0.20
1,1,1,2-Tetrachloroethane	0.2	0.02	ug/L	<0.92	<0.92
Tetrachloroethene	5	0.5	ug/L	<0.45	<0.45
Toluene	1,000	200	ug/L	<0.67	<0.67
1,2,4-Trichlorobenzene	70	14	ug/L	<0.97	<0.97
1,2,3-Trichlorobenzene			ug/L	<0.74	<0.74
1,1,1-Trichloroethane	200	40	ug/L	<0.90	<0.90
1,1,2-Trichloroethane	5	0.5	ug/L	<0.42	<0.42
Trichloroethene (TCE)	5	0.5	ug/L	<0.48	<0.48
Trichlorofluoromethane			ug/L	<0.79	<0.79
1,2,4-Trimethylbenzene			ug/L	<0.97	<0.97
1,3,5-Trimethylbenzene			ug/L	<0.83	<0.83
Total Trimethylbenzene	480	96	ug/L	<0.97	<0.97
Vinyl Chloride	0.2	0.02	ug/L	<0.18	<0.18
m&p-Xylene			ug/L	<1.8	<1.8
o-Xylene			ug/L	<0.83	<0.83
Total Xylenes	10,000	1,000	ug/L	<1.8	<1.8

**Table 3  
Groundwater Data Summary  
Stevens Point Rail Yard - Round House Area**

	NR 140 Table 1 & 2 ES	NR 140 Table 1 & 2 PAL	Location	GP-103	GP-104
			Date	8/21/2008	8/21/2008
<b>Polynuclear Aromatic Hydrocarbons (PAHs)</b>					
Acenaphthene			ug/L	0.013 J	<0.0078
Acenaphthylene			ug/L	<0.0050	<0.0050
Anthracene	3000	600	ug/L	<0.0065	<0.0065
Benzo(a)anthracene			ug/L	<0.0035	<0.0035
Benzo(a)pyrene	0.2	0.02	ug/L	<0.0054	<0.0054
Benzo (b)fluoranthene	0.2	0.02	ug/L	<0.0051	<0.0051
Benzo(ghi)perylene			ug/L	<0.0062	<0.0062
Benzo(k)fluoranthene			ug/L	<0.0078	<0.0078
Chrysene	0.2	0.02	ug/L	<0.0070	<0.0070
Dibenzo(a,h)anthracene			ug/L	<0.0043	<0.0043
Fluoranthene	400	80	ug/L	<0.0053	0.014 J
Fluorene	400	80	ug/L	<0.0063	<0.0063
Indeno(1,2,3-dc)pyrene			ug/L	<0.0036	<0.0036
1-Methylnaphthalene			ug/L	0.039 J	<0.0095
2-Methylnaphthalene			ug/L	0.016 J	<0.011
Naphthalene	100	10	ug/L	0.14	0.017 J
Phenanthrene			ug/L	<0.0075	<0.0075
Pyrene	250	50	ug/L	<0.0068	0.011 J

**NOTES:**

NR 140 - WAC, Natural Resources, Chapter 140, "Groundwater Quality" Table 1-"Public Health Groundwater Quality Standards," and Table 2-"Public Welfare Groundwater Quality Standards," January 2008.

**Bold** numbers are above Preventive Action Limits (PAL)

**Bold** and shaded numbers are above Enforcement Standards (ES)

NA = Not Analyzed

J = Results reported between the Method Detection Limit (MDL) and Limit of Quantitation (LOQ) are  
Blank cell indicates regulatory criteria have not been established.