NATURAL
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Ms. Mary Logan
Remedial Project Manager
USEPA, Region 5
77 W. Jackson Boulevard
Chicago, Illinois 60604-3590

September 8, 2006
(1177/13.9)

RE: Completion Report Response to Comments
Wisconsin Public Service Corporation Stevens Point, Wisconsin MGP Site
CERCLA Docket No.: V-W-'06-C-847

Dear Ms. Logan:

On behalf of Wisconsin Public Service Corporation (WPSC), please find enclosed:

- Written response to Agency comments dated August 7, 2006, with errata for minor comments.
- Revised signed cover sheet with footnote that the June 5, 2006 Report was conditionally approved.

With this submittal we understand WPSC has met conditions for approval of this document and we look forward to completing the Draft Work Plan. Please do not hesitate to contact Mr. Brian Bartoszek (WPSC) at 920-433-2643 if you have any questions regarding these responses.

Sincerely,

NATURAL RESOURCE TECHNOLOGY, INC.

Eric P Kovatch
Eric P. Kovatch, PG, PH
Senior Hydrogeologist

Jennifer M. Kahler
Jennifer M. Kahler, PE
Senior Engineer

Enc.: Response to Agency Comments & Errata
Revised Signed Cover Sheet for the Completion Report

cc: Mr. Brian Bartoszek, WPSC
Mr. Tom Hvizdak, WDNR
Mr. Bill Evans, WDNR
Mr. Mark Thimke, Foley & Lardner (w/o attachments)

[1177/SP/Completion Report/MLogan trans 060908]

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NATURAL
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COMPLETION REPORT
FORMER MANUFACTURED GAS PLANT
WISCONSIN PUBLIC SERVICE CORPORATION
STEVENS POINT, WISCONSIN
USEPA ID: WIN000509983

Project No: 1177/12.3

Prepared For:

Wisconsin Public Service Corporation
700 N. Adams Street
Green Bay, WI 54307

Prepared By:

Natural Resource Technology, Inc.
23713 W. Paul Road, Suite D
Pewaukee, WI 53072

June 5, 2006[1]

Laurie L. Parsons

Eric P. Kovatch, PG, PH
Senior Hydrogeologist

Laurie L. Parsons, PE, PH
Principal Engineer

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[1] USEPA Conditionally Approved the June 5, 2006 Draft Completion Report on August 7, 2006. A response to Agency Comments and Errata sheet are included herein and were issued on September 8, 2006.

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Response to Agency Comments & Errata
Draft Completion Report (dated June 5, 2006)
WPSC Stevens Point MGP Site, Wisconsin

Agency Comments Received: August 7, 2006
Response Date: September 8, 2006

Comments from U.S. EPA and Wisconsin DNR (the Agencies) are listed and followed by responses (bulleted).

I. Major Comments

1. Groundwater Monitoring Network - Figures 5 and 6 from Appendix D show that certain groundwater standards have been exceeded in several sampling rounds in wells OW-10 and OW-12. This may indicate that the downgradient extent of contamination has not been determined. Please evaluate the need for one or more additional wells/nests as part of the RI work planning.

   ■ The need for additional wells will be evaluated as part of the RI work planning. Groundwater data for the July and October 2006 sampling events will be reviewed and considered in this evaluation.

2. Potential Source Areas – There are a few areas that may be potential source areas that are not fully addressed in the completion report. If there is insufficient information to eliminate these as potential sources, please plan to address them in the RI work plan.

   ■ Remedial actions completed to date were intended to address potential known source areas. Additional information by area is provided below. If there is a question of sufficiency of data, it will be addressed in the RI work planning process.

   a. Purifier – On page 1-5, the statement is made that all previously existing MGP-related structures have been removed from the site surface except the purifier. Please clarify the status of the purifier. Please also clarify if there were any sub-surface structures left remaining that may act as sources.

   ■ The only portion of the former purifier that was on site during activities throughout the 1990s was the purifier base/foundation. The concrete base was located at a depth less than two feet below ground surface and test pit information from various investigations in the vicinity support the conclusion that there is no further source related to the purifier. Locations, visual observations and sample results for prior work in the vicinity of the former purifier will be re-summarized in the RI Work Plan.

   b. Tar wells – Figure 2 in Appendix A shows two tar wells. While they appear to have been located in an area which has since been excavated, there is no specific information on their fate. Please provide any information that may be relevant to the potential for the tar wells or contaminants that migrated from the wells to act as ongoing sources.

   ■ During prior remediation work, only concrete debris was found in the vicinity of former tar wells (no intact structures) and all of this debris was removed and disposed off-site during soil remediation. The total PAH concentrations and naphthalene concentrations in particular for the excavation base and sidewall samples were summarized on Figures 9 and 10 of Appendix C. These data are indicators of remaining soil quality and the concentrations documented do not suggest this is an ongoing source area.

c. Slough contaminated soil – Boring 210 in the slough contained visibly contaminated soil. Please assess whether this contamination needs to be further assessed in the RI as either a source to groundwater, a source to surface water or a potential human health risk if the material were disturbed.

■ Contaminated soil at the base of the former slough will be further assessed in the RI as to its potential for human health risk if excavated or disturbed. It was evaluated in previous work as to whether the soil at the base of the former slough is a source to groundwater or surface water. For ease of review, this assessment will be re-presented with supporting data within the RI Work Plan. This assessment occurred through investigations completed in January 2000 (SB-207 through SB-211) and subsequent installation of piezometer PZ-13B, to serve as a downgradient monitoring point for both the central portion of the site (in particular nest OW-7/PZ-7), as well as the former slough and soil boring SB-210. These actions were discussed with and pre-approved by WDNR in a May 2004 conference call, a summary of which was later provided to the WDNR.

In summary, as presented in the Supplemental Site Investigation Report (April 11, 2002), the conditions at boring SB-210: 1) were noted as a black sheen (not identified as free phase tar); 2) were likely related to the former slough bottom; 3) occurred within an organic silt layer that was less than one foot thick; 4) was not contiguous with other locations where tar was noted; and, 5) was not observed below the base of the former slough (thereby probably not a substantial source contributing to groundwater contamination). Based on these observations, the location of piezometer PZ-13B was approved to assess possible impacts originating from the former slough area and no additional soil borings were deemed necessary to evaluate the former slough.

II. <u>Recommendations</u>

■ Recommendations below will be incorporated into future Completions Reports with the response for Comment 5 (bulleted).

3. Institutional Controls – EPA's policy is that if an area on a site is not suitable for unrestricted use and unlimited access, ICs are required. Based on the reported concentrations in the Completion Report, ICs will be required at the Stevens Point site. The ICs should be evaluated in the FS and implemented after remedy selection. In future Completion Reports, as you discuss the work done to-date, please identify which areas/media are likely to require ICs and discuss what, if anything, has been done to place ICs.

4. Monitored Natural Attenuation (MNA) – In general, the Completion Report should not make recommendations or draw conclusions about future response actions. Instead, the report is intended to recommend whether WPSC believes that actions which have been completed are sufficiently protective or whether additional work is required. The report contains several statements or inferences that MNA may be the final groundwater remedy. This is best left to later documents such as the FS, where an array of appropriate remedy options (possibly including MNA) can be developed. The RI Work Plan should ensure that the ongoing monitoring (including MNA parameters) provides sufficient information to support the FS assessment.

   a. Page 3-1, Section 3-1, third sentence – This sentence talks about the objective of the soil removal as "meeting established criteria for natural attenuation as a final remedy." It is not clear what "established criteria" were used or whether natural attenuation refers to residuals in the soil or the groundwater.

   b. Page 6-5, Section 6.2, conclusion 1 – This recommendation states that MNA appears to be a viable remedial approach. Such conclusions are inappropriate for this report. The recommendation to continue groundwater monitoring is appropriate.

5. Groundwater Trend Analysis – The report contains an analysis of groundwater results and trends. There is some concern that modifications of the sampling protocol in 2003 may influence the ability to assess trends. Also, EPA Region 5 conducts trend analysis and it is not clear if the approaches are similar. EPA recommends that an approach to groundwater trend analysis be developed as part of the Multi-Site RI documents and site-specific trend analysis be conducted in the site-specific RI and/or FS, as appropriate.

   ■ The Mann-Kendall statistical method was used for trend analysis because WDNR guidance currently recommends this method. However, if there is a particular methodology that USEPA Region 5 recommends, WPSC would appreciate specific input on such methodology(ies) prior to completion of the multi-site documents so they can be evaluated appropriately.

6. Page 1-2, Section 1.1.1.1 – This section is titled "Overview of Remediation Work Completed." However, three of the four bullets relate to investigatory work. In future reports please distinguish between remediation and other response actions by either having separate sections or by re-titling the section by dropping "remediation"

7. Page 1-3, Section 1.1.1.3 – It is not clear where or how these interim/supplemental actions were identified or how this section integrates with section 6.2. In future reports a brief introductory paragraph might be useful.

8. Page 6-1, Section 6.1.1 – Please also consider EPA's Soil Screening Guidance in future reports. This guidance can be found at: http://www.epa.gov/superfund/resources/soil/index.htm

9. Page 6-2, Sections 6.1.1.1 and 6.1.1.2 – The term "site" has a specific definition under CERCLA. As defined in the NCP a site is "the areal extent of contamination and all suitable areas in very close proximity to the contamination necessary for implementation of the response action." In future reports please use a term such as "on/off-property" or "on/off-facility" to distinguish locations.

10. Page 6-5, Section 6.1.4 – When groundwater above standards has gone beyond the facility boundary the Completion Reports should consider local use and potential groundwater exposures that could occur prior to selection of the final groundwater response action. For example, the report should discuss whether the adjacent properties where contamination is found use private wells for potable or industrial purposes and whether there are any controls on groundwater use.

III. Minor Comments

11. Page 1-2, Section 1.1.1.2, first bullet – Please review the last sentence. The date 2005 seems to be inserted incorrectly.

   ■ Errata: The statement should read "Flow is generally to the west away from the Wisconsin River due to the site being upstream of the Main Street Dam."

Wisconsin Public Service Corporation

Completion Report

Former Manufactured Gas Plant
Stevens Point, Wisconsin

USEPA ID: WIN000509983

NRT Project No: 1177

NATURAL
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COMPLETION REPORT
FORMER MANUFACTURED GAS PLANT
WISCONSIN PUBLIC SERVICE CORPORATION
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June 5, 2006

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Senior Hydrogeologist	**Principal Engineer**

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APPENDICES

Appendix A:	Figures 1 through 5 and Tables 2 and 3 (Remedial Actions Options Report)
Appendix B:	Figures 2 through 5 and Tables 5 and 6 (Supplemental Site Investigation and Groundwater Monitoring Report)
Appendix C:	Figures 3 through 11, Tables 1 through 8, and Plates 1 through 4 (Remedial Action Documentation Report)
Appendix D:	Figures 1 through 6 and Tables 1 through 5 (Updated from Previous Annual Monitoring Reports)

1 INTRODUCTION

This Completion Report has been prepared on behalf of Wisconsin Public Service Corporation (WPSC) by Natural Resource Technology, Inc. (NRT). The report summarizes environmental investigation and remediation activities completed at the former Steven Point Manufactured Gas Plant (MGP) facility between the mid-1980s and April 2006. Much of the report has been taken from previously provided reports, but it is summarized herein to provide the United States Environmental Protection Agency (USEPA) a summary of site work, conditions, and status.

This Completion Report was prepared in accordance with the Administrative Order on Consent (AOC) and attached Statement of Work (SOW) executed with between USEPA and WPSC in early May 2006 (*SOW Task 1: Project Scoping and RI/FS Planning Documents, Section 1.1.2.2*). The purpose of the report is to:

- Describe areas and/or media that necessary response actions have been completed, prior to the effective date of the AOC;
- Provide documentation to establish that the areas/media addressed do not constitute a threat to public health, welfare or the environment, and that further remedial measures and/or other response actions are not necessary;
- For those areas and/or media that were not addressed by previous work, describe what additional work is necessary, for incorporation into the site-specific RI/FS Planning documents.

Generally, all of the data included herein, with the exception of the groundwater sampling results from January 2005 through April 2006 have previously been provided to either the Wisconsin Department of Natural Resources (WDNR) or the USEPA. Therefore, previously published data and maps will be used to convey the necessary information for this report.

The report is separated into the following seven sections:

- Section 2: Soil Investigation Results
- Section 3: Soil Remedial Action;
- Section 4: Groundwater and Surface Water Investigation Results;
- Section 5: Sediment Investigation Results;
- Section 6: Identified Pathways and Conclusions; and

- Section 7: References.

Previously published Figures, Tables, and Plates/Drawings are included in the appendices, as appropriate.

1.1 Overview of Previously Completed Activities

A summary of current site conditions was provided to USEPA in August 2005[1]. The site status summary included information pertaining to the remediation work completed, the status of site conditions and current monitoring, and interim/supplemental actions that had been identified, as well as a listing of previously issued documents pertaining to the site. The summary items included in the report are reiterated below.

1.1.1 Site Status Summary

1.1.1.1 Overview of Remediation Work Completed

- Upland remediation work was completed by WPSC in 1998, including source area excavation and thermal treatment (16,400 tons), and placement of cover soils for direct contact protection.
- Groundwater monitoring is in progress to assess the feasibility of natural attenuation for residual groundwater quality impacts.
- Annual groundwater monitoring was completed in March 2005. Additional wells were subsequently installed to define residual plume extent as agreed through discussions with the WDNR.
- A sediment quality assessment was completed in 2000 including a small pond (0.2 acres) located in Pfiffner Pioneer Park and the adjacent Wisconsin River. A supplemental diver survey of Wisconsin River sediments was completed in 2002.

1.1.1.2 Status of Site Conditions & Monitoring

- Groundwater depth ranges from 2 feet in Pfiffner Pioneer Park to 10 feet bgs on the south site of the site. Flow is generally to the east away from the Wisconsin River, due to the site being, 2005 upstream of the Main Street Dam.
- Fill is present to a depth of 1 to 15 feet bgs overlying high permeability sand and gravel. The fill is silty sand and gravel mixed with building debris, ash, cinders, slag, sawdust and wood fragments. Fractured granite bedrock occurs at 21 to 33 feet bgs at the site

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[1] NRT. August 31, 2005. Upland Site Data Summary. Former Manufactured Gas Plant Site, Stevens Point.

(bedrock was encountered at 13.5 feet bgs during drilling of PZ-13B approximately 400 feet south of the site).

- Post-remediation residual concentrations of petroleum volatile organic compounds (PVOCs), polycyclic aromatic hydrocarbons (PAHs) and cyanide are present in soil and groundwater at the site, as described in the project reports of record.
- Shallow groundwater quality has improved substantially following the source removal actions completed in 1998.
- Deeper groundwater quality is being monitored by a network of eight piezometers and trends are stable or decreasing.
- Water depths in the pond were 2 to 3 feet, with a soft sediment thickness of 2 feet. Water depths in the Wisconsin River vary from about 3 to 21 feet within the areas investigated, with soft sediment thicknesses of 0 to 2 feet based on poling information. The river bottom contained woody debris in many locations with sandy sediments within the interstices.
- Based on sediment surface and core sampling performed in 2000, total PAH concentrations in the pond (Pfiffner Pioneer Park) were 10 to 260 milligrams per kilogram (mg/kg). In the Wisconsin River, concentrations were variable; highest concentrations were 11,000 to 20,000 mg/kg within the upper profile of the sediment in a localized area near the outlet to the former slough (samples T-203A and T-203B). Although tar, odors and sheen were noted on samples from the cores, this area of the river bed was covered by rock, boulders and debris and made core sampling difficult.
- The subsequent diver survey in 2002 identified no visible tar in surface sediments in the vicinity of T-203A and T-203B.

1.1.1.3 Interim/Supplemental Actions Identified

- Continued groundwater monitoring to demonstrate plume definition and stability (in progress).
- Continued evaluation of groundwater discharges to the adjacent perforated storm sewer with respect to receiving stream surface water quality criteria.

1.2 General Site Information

The former Stevens Point MGP site is located in Stevens Point, Portage County, Wisconsin, and encompasses an area of approximately 3 acres (Appendix A, Figure 1). The site is currently an unused, grass-covered lot bounded by Crosby Avenue to the west; a City of Stevens Point parking lot to the south and east; and a residential area, West Street, and apartment buildings to the north (Appendix A, Figure 2). Pfiffner Pioneer Park, owned by the City of Stevens Point, lies west of the site across Crosby Avenue and is bordered on the west by the Wisconsin River.

Owner/Operator:	Wisconsin Public Service Corporation Contact: Mr. Brian Bartoszek (920.433.2643) 700 North Adams Street, P.O. Box 19002 Green Bay, WI 54307-9002
Site Location:	T24N, R8E, Section 32 Crosby Avenue Stevens Point, Wisconsin Portage County
USEPA ID	WIN000509983
WDNR BRRTS #	02-50-000079

1.3 History of Site Use

The Stevens Point MGP operated from approximately the 1890s to the late 1940s or early 1950s, using the carburetted water/gas method to produce gas primarily from oil (SHS, 1994). The plant ceased production in the late 1940s to early 1950s when piped natural gas became readily available to the Stevens Point area (EDI, 1986). The west side of the site was the location of the former MGP process structures, while the east side of the site was generally used as a storage and disposal area for MGP process wastes and other materials.

Review of Sanborn maps identified the following former MGP-related structures at the facility. The approximate locations are shown on Appendix A, Figure 2:

- Materials storage building and garage;
- A naphtha tank of unknown volume;
- Gas and electric plants;
- A purifier;
- A 10,000 gallon crude oil tank;
- Six propane tanks of unknown volume;
- A substation and transformer yard;
- Two tar wells of unknown size; and,
- Eight gas holders with capacities of 4,500 ft^3, 10,000 ft^3, 19,500 ft^3 (2), 40,000 ft^3, 200,000 ft^3, and two of unknown volumes.

With the exception of the purifier, all previously existing MGP-related structures have been removed from the site surface. However, some former structure foundations were noted during subsurface environmental investigations and the soil remedial action.

A slough was formerly located on the south boundary of the site. The slough represented the remains of Mosses Creek, a former tributary to the Wisconsin River. The slough served as a storm sewer outfall to the Wisconsin River, until a dam was constructed in the Wisconsin River (approximately one half mile downstream of the site) and a retaining wall was built in 1918. The resulting water in the "pond" (see Appendix A, Figure 2) was pumped out to the river by a lift station at the slough outfall. In the 1980's, a new storm sewer main was constructed in the vicinity of the slough, routed away from the Wisconsin River, to an outfall south of the Main Street Dam. As part of the storm sewer reconstruction, the slough was filled.

2 SOIL INVESTIGATION RESULTS

2.1 Overview

The soil investigations discussed herein were completed to evaluate impacts with respect to the direct contact and groundwater protection pathways. The data were generally compared to standards that were established based on human health assumptions regarding these two pathways. Also, data regarding other possible exposure pathways may have been collected as part of the process, but the results were not compared with any other standards at the time. Specific discussions regarding exposure pathways are included in Section 6, as stated above, and summarize any existing conditions that may pose a concern to human health and/or the environment.

2.2 Investigation Chronology

Soil sampling efforts began in 1986 and continued through June 2000 with a series of separate investigations. Discussion of soil impacts is divided into pre- and post-remedial action, which was completed between February and June 1998. Therefore, a significant portion of the soil impacts identified prior to 1998 were remediated. Soil sampling efforts completed in 2000 focused on evaluating the former slough as well as areas outside of the three major soil excavation areas addressed during remediation (Section 3). Detailed information of the soil investigation activities and results (including boring and well installation logs) summarized herein were discussed in the following reports:

- EDI Science and Engineering (EDI). 1986. Site Investigation, Former Coal Gas Manufacturing Plant, Crosby Avenue, Stevens Point, Wisconsin.
- NRT 1994 May 3, Natural Resource Technology, Inc. Phase II Site Investigation Report, Former Manufactured Gas Plant (MGP), Stevens Point, WI, Project No. 1150.
- NRT. October 2, 1996. Phase II Addendum Investigation Results, Former Stevens Point MGP Site, Stevens Point, Wisconsin. Letter Transmittal.
- NRT. April 11, 2002. Supplemental Site Investigation and Groundwater Monitoring Report, Former MGP, Stevens Point, Wisconsin.

2.2.1 Investigations Completed Prior to Soil Remediation

Soil investigation activities generally focused on areas within and adjacent to the former MGP structures and operating areas. As appropriate, the investigations included potential preferential pathways (i.e.

former MGP subsurface piping or existing utilities). Discussion of data obtained during investigations completed through June 1996 focused on observations and analytical results that indicated a soil remedial action was necessary. The various investigation phases are listed below.

- A 1986 Phase I Environmental Site Assessment (ESA) by EDI included collection and analysis of surface and subsurface soil samples and installation and sampling of three groundwater monitoring wells.
- Twin City Testing installed seven additional monitoring wells in 1989.
- In 1990, WPSC personnel excavated test pits to assess the extent and nature of soil impacts on the property.
- A 1994 Phase II Site Investigation Report by NRT defined subsurface geology, hydrogeology, and the nature and extent of organic and inorganic impacts.
- In 1995 and 1996 NRT completed soil investigation, groundwater sampling, and data collection for remedial design purposes.

Soil boring, test pit, surface soil sample, Hydro-Punch™, monitoring well, and piezometer locations from the various investigations are shown on Appendix A, Figure 3. All investigation data points and former MGP structures are shown on Appendix C, Plate 1 for comparison.

2.2.2 Supplemental Soil Sampling Following Remediation

In January 2000, NRT collected soil samples from 14 locations to evaluate the presence/absence of residual impacts within the former slough and near the south edge of one of the soil remediation excavation areas. Two replacement wells (OW-03R and OW-5R) and one additional well/piezometer nest (OW-11/PZ-11B) were also installed to supplement the monitoring network and facilitate groundwater sampling. Data from this investigation were used to further the understanding of geologic conditions at the site.

2.3 Overall Site Geology

Soil stratigraphy at the former Stevens Point MGP site consists of one to 15 feet of miscellaneous fill material overlying high permeability alluvial sand. The heterogeneous fill material consists of silty sand and gravel with coal fragments, fly ash, broken glass, cinders, bricks, sawdust, and wood chips. Underlying the fill is a predominantly fine- to medium- grained uniform sand or silty sand with gravel. Fractured Precambrian granite bedrock was encountered in several boreholes at depths ranging from 20 to 33 feet below ground surface (bgs), and bedrock extended to depth at all location where encountered.

Updated geologic cross sections were developed after completion of the supplemental site investigation. Cross sections A-A' and B-B' (Appendix B, Figures 3 and 4, respectively) generally trend from the southwest to the east while cross section C-C' trends from the southeast to the northwest (Appendix B, Figure 5). The cross sections indicate that bedrock dips to the west, towards the river. In the vicinity of well nest OW-5R/P-5B (on the east side of the site), bedrock is encountered at an elevation of approximately 1,060 feet mean sea level (MSL). On the west side of the site, the bedrock surface decreases to an elevation of between 1,035 and 1,040 feet MSL in the vicinity of well OW-2/boring SB-210 (Appendix B, cross sections A-A' and B-B'). Cross section C-C' indicates that bedrock also dips slightly to the south. Locally, the area surrounding the site is fairly level, typical of river valleys (Appendix A, Figure 1), but regionally the topography of the area dips west towards the river.

The base of the former slough is approximately 13 to 15 feet bgs where present, with the depth increasing towards the river. Fill material was generally encountered in the upper portion of borings installed along the slough. Beneath the fill material, relatively homogeneous native sand and gravel glacial/alluvial deposits were identified above the upper fractured bedrock surface. Saturated conditions were documented in all locations at depths where the slough base was identified.

2.4 Pre-Remediation Soil Quality

Soil samples were historically analyzed for PAHs and cyanide, which are typically the primary constituents of concern (COCs) at most MGP sites. Samples were also analyzed for VOCs and later reduced to benzene, toluene, ethylbenzene, and xylene (BTEX), as chlorinated VOCs are not typically an issue at MGP sites. Additional samples were also analyzed for a variety of parameters that were required to assess possible remedial alternatives. Discussion of the historic results will largely focus on BTEX, cyanide, and PAHs. The BTEX/cyanide and PAH results are listed on Appendix A, Tables 2 and 3, respectively.

For comparison purposes, Wisconsin Administrative Code Chapter NR 720 generic residual contaminant levels (RCLs) for BTEX, as well as the WDNR interim generic RCLs for PAHs, were included on Appendix A, Tables 2 and 3, respectively. The BTEX RCLs were for the groundwater protection pathway. The PAH RCLs were for the groundwater protection and direct contact pathways. The preliminary remediation goals (PRGs) developed by USEPA Region 9 were also included on Appendix A, Tables 2 and 3. These values were used as guidance in defining areas that required remediation.

Soil quality at the site was divided into surface and subsurface impacts. For the specific conditions at the site, surface impacts were defined as material containing elevated MGP-related constituent concentrations within two feet below land surface. This depth coincided with the depth at which soil disturbance was reasonably expected as a result of the anticipated land use (EPA March 1994), which in the mid-1990s was development of the site for commercial purposes. Subsurface impacts were delimited as the zone between two feet bgs and the upper limit of groundwater fluctuation, which may be possible source areas of groundwater impacts through leaching of contaminants. The approximate extents of surface and subsurface impacts in 1998 are shown on Appendix A, Figures 4 and 5, respectively.

Soil impacts were detected in several areas of the site. Delineation of horizontal and vertical impacts was based on boring logs, field screening results, and observations obtained from previous investigations. The areas that were ultimately remediated (as discussed in Section 3) were based on available site data and best professional judgment.

2.4.1 Surface Soil Quality

Surface soil impacts present at the Stevens Point MGP site represented a potential human health risk through direct exposure. PAHs and cyanide were the main COCs in surface soils (Appendix A, Tables 2 and 3, respectively). Lead was also detected at an elevated concentration in the vicinity of Crosby Avenue (SS-3), but this appeared to be an isolated occurrence based on additional sampling by SHS (1994). Impacted surface soils were located in two distinct areas: on the western portion of the site extending into Pfiffner Pioneer Park, and to the east of the former MGP process structures on the eastern portion of the site (Appendix A, Figure 4).

The former MGP process structures were located on the western part of the site. PAHs, cyanide and, to a lesser extent, lead were the COCs in this area. An elevated total cyanide concentration was found in soil sample B-108. Additionally, Prussian blue wood chips, resulting from oxide box wastes and sometimes indicative of cyanide impacts, were noted at the ground surface at boring SB-201, within the former purifier foundation. Elevated PAH concentrations were detected in surface soil samples SS-1 and SS-2 at 6 to 18 inches bgs. Several PAH compounds were also present at concentrations above the interim generic direct contact RCLs.

Elevated lead concentrations were also detected in some areas, and indicated additional potential direct contact risks. The occurrence of lead may not have been related to former MGP operations, but it co-occurred with the MGP impacts and was thus considered in evaluating remedial options.

High PAH impacts and relatively high cyanide concentrations were detected in samples on the eastern half of the site, which was used as a storage and disposal area for MGP process wastes and other materials. PAH detections may also represent analysis of coal fragments or dust which was noted in the area of B-102. Coal material may have been scattered in this area during unloading of coal from a former railroad spur.

2.4.2 Subsurface Soil Quality

Interpretation of subsurface soil impact areas was based on sample analytical results (Appendix A, Tables 2 and 3) and field observations, and occurred in four main areas (Appendix A, Figure 5). The four areas included the following:

- The largest area of subsurface impacts encompassed sample locations TP-21, TP-26, and TP-23, and B-102 on the eastern portion of the site. Significant levels of PAHs and/or cyanide were detected in this area. Sampling logs indicated odorous, oily soil intermixed with fill material. Free coal tar was encountered during excavation and removal of the storm sewer line in the vicinity of monitoring well OW-5 by the City of Stevens Point in the early 1990s (documentation of the exact locations does not exist). The highest PAH concentrations in groundwater are located in nearby wells, and this area of soil impacts appeared to be a source area. The estimated extent of impacts was increased in this area to allow for the expected subsurface variability and lack of documentation of the exact locations of coal tar encountered during sewer excavation.

- A localized area surrounding test pit TP-7, which was associated with a former gas holder. TP-7 was excavated over a long distance, so three separate locations are shown on the various figures included herein that represent the east and west ends of the excavation as well as the approximate central point. This excavation was extended to evaluate changing conditions over the former gas holder. This location exhibited elevated PAH and cyanide concentrations, and stained, odorous soil was noted on the test pit log. Naphthalene and phenanthrene were the PAHs of primary concern with respect to the groundwater migration pathway.

- A localized area surrounding test pit TP-3, inside a former gas holder, in the northern part of the site adjacent to West Street. High PAH concentrations were present eight feet bgs. The TP-3 log described eight feet of "clean sand" with a 1-2 inch layer of tar on the bottom of the intact holder; the sample was likely from or very near the tar layer.

- A localized area surrounding boring HP-109 in Pfiffner Pioneer Park. Total cyanide was elevated at five feet bgs, and combined with the cyanide level in soil from B-108, was thought to possibly represent a potential source area of cyanide impacts in groundwater previously observed in monitoring well OW-3.

Unsaturated zone soil samples collected across the site between one and seven feet bgs showed no detections exceeding the NR 720 generic RCLs for BTEX. Also, shallow borings analyzed for benzene by the Toxicity Characteristic Leaching Procedure (TCLP) showed no detects (NRT, October 1996).

Although BTEX was present in groundwater, the data available from the investigation activities completed prior to soil remediation suggested that no significant source areas for BTEX were present in the unsaturated zone soils.

Free coal tar resulting from former MGP site operations was noted in several borings and during construction of the sewer line traversing the southern property border, including the following locations:

- B-104 at 12.6 to 12.7 feet bgs, 16.4 to 16.5 feet bgs, and 18.5 feet bgs;
- SB-2 from 8 to 8.5 feet bgs;
- PZ-3B at eight feet (sand seam);
- SB-204 from one to two feet bgs;
- PZ-7B from six to eight feet bgs with wood as well as trace tar noted from 15 to 18 feet bgs; and
- In the vicinity of monitoring well OW-5 during excavation and installation of the sewer line which traversed the property.

The locations and depths noted above indicated the presence of coal tar mainly in the saturated or groundwater fluctuation zone.

2.5 Post-Remediation Soil Sampling Results

The January 2000 sampling effort focused on evaluating the feasibility of natural attenuation and to address specific concerns raised by the WDNR following soil remediation activities (completed in June 1998 and discussed in Section 3).

Ten soil borings and four wells were installed during this effort to evaluate the presence or absence of significant residual impacts and/or to characterize off-site subsurface conditions to identify future use restriction areas. The locations of these borings, shown on Appendix B, Figure 2, include the following:

- SB-207 through SB-211 – completed within the former slough along the south-southwest boundary of the property and off-site to the south to evaluate the presence of MGP residual;
- SB-212 and SB-213 – located at the north boundary between the site and the adjacent apartment building property to evaluate soil concentrations for direct contact pathway purposes;
- SB-214 – completed adjacent to the former gas holder on the east side near OW-4; and

- <u>SB-215 and SB-216</u> – located at the northwest corner of the site, on City park property, northwest beyond EW-106 in the vicinity of B-123 and B-110.

Replacement wells OW-3R (for well OW-3) and OW-5R (for well OW-5) were installed to monitor groundwater quality following the source removal actions. Additionally, well nest OW-11/PZ-11B was installed to evaluate concentrations downgradient of Excavation Area 1 (Appendix B, Figure 2).

Soil samples were collected from each of the borings and from piezometer boring PZ-11B; no other samples were collected from the well borings. The samples were submitted for laboratory analysis of PAHs, BTEX, total cyanide, lead, and total organic carbon (TOC). The results are listed, along with sampling results from previous nearby locations and excavation base and sidewall samples collected during the remedial action described in Section 3, on Appendix B, Tables 5 and 6.

2.5.1 Former Slough Borings

Borings SB-207 through SB-211 were performed to assess soil quality within and beneath the former slough. Borings SB-207, SB-208, and SB-211 were terminated in the native sand while borings SB-209 and SB-210 were terminated at the bedrock surface (36 and 52 feet bgs, respectively). The apparent base of the former slough varied from approximately 13 feet bgs in the eastern portion to 15 feet bgs closer to the pond (Cross Section A-A'), and fill material was generally encountered in the upper portion of borings. Organic or MGP odors and elevated photoionization detector (PID) readings were evident at the approximate depth of the slough bottom in all borings; however, no tar product or oily residuals were encountered at the former slough bottom in any of these borings. Relatively homogeneous native sand and gravel glacial/alluvial deposits were identified beneath the fill material. Saturated conditions were documented in all locations at depths where the slough base was identified.

Evidence of MGP residuals (i.e., odors and/or elevated PID readings) were found in borings SB-208 and SB-209 within saturated native soil beneath the former slough base. These observations corresponded to previously detected groundwater impacts in the lower portion of the aquifer. Slight odors were noted in samples collected from SB-209 within the saturated materials (from approximately 15 to 33 feet bgs). Split-spoon sampling was terminated at 33 feet due to refusal, however, dense hardpan clay was observed on the outer surface of the lower three feet of the augers, representing conditions between approximately 33 and 36 feet bgs. Tar droplets were noted within the hardpan clay and cobbles. No indication of tar-like material was observed above this layer.

Sample results from SB-207 through SB-211 borings that were collected either above or at the base of the former slough contained elevated levels of PAHs and/or BTEX (Appendix B, Tables 5 and 6, respectively). Results from soil samples B-103, B-104, EB-1 (11), and EB-5 (12), collected previously or during remedial action from the slough area, are provided on Appendix B, Tables 5 and 6 for comparison.

Tar-like odors were identified within the slough; however, there was no evidence of oily material present either in collected soil samples or on the drilling equipment. Naphthalene and benzene concentrations were detected, however BTEX and PAH concentrations in soils below the base of the former slough (greater than 18 feet bgs) were at least one order of magnitude or more lower than the concentrations for samples collected from the base of the slough. Therefore, the slough was not considered a source area for groundwater impacts. Additional details of the slough investigation, observations and analytical results are provided in the Supplemental Site Investigation Report (NRT, 2002).

In addition to these observations, the results for samples collected immediately above the bedrock interface from borings SB-209 and SB-210 indicated low levels of PAHs present in the lower unit, with total PAH results of 4.5 mg/kg and 2.5 mg/kg, respectively (Appendix B, Table 5). As indicated previously, tar-like droplets were observed at SB-209, at the interface between unconsolidated material and bedrock (33 to 35 feet, bgs). There was no corresponding detection of BTEX compounds at these intervals (Appendix B, Table 6)

2.5.2 North Boundary Borings

Borings SB-212 and SB-213 were performed to characterize unsaturated soil quality at locations near the north property boundary, in an area historically used for coal storage. Trace black-colored gravel and wood were encountered within fill material in the upper 3 feet of these borings, similar to soil types documented during remedial action. Saturated soils within SB-212 and SB-213 had an organic/tar odor and elevated PID readings at depths corresponding to the groundwater table. Samples collected from these borings focused on relatively shallow soil (one to seven feet bgs) for evaluating potential direct contact exposures.

Samples from SB-212 and SB-213 had no significant detections of PAHS, BTEX or total cyanide (Appendix B, Tables 5 and 6), and lead was below Wisconsin NR 720 levels for non-industrial use. Concentrations were below levels of concern for groundwater pathways. The fill material in this area contains possible coal fragments, wood chips, and other debris from historical industrial sources.

2.5.3 Gas Holder Boring

Soil boring SB-214 was completed near OW-4 and test pit TP-109 (Appendix B, Figure 2) to further document potential residual impacts near the former gas holder. This boring encountered sandy fill material with no identifiable MGP or other waste residuals. A slight discoloration of soil was noted in the upper foot of saturated material; however, no odors or oils were present in this layer. Analytical results for the sample collected from eight to ten feet bgs indicated that PAHs were below the method detection limits and there was only a slightly elevated total cyanide concentration (Appendix B, Tables 5 and 6).

2.5.4 Pfiffner Pioneer Park Borings

Borings SB-215 and SB-216 were completed in Pfiffner Pioneer Park (Appendix B, Figure 2) to evaluate the lateral extent of residual impacts detected in excavation sidewall sample EW-106 and boring B-110. Boring SB-215 was completed initially to determine the appropriate location of SB-216. SB-215 had no evidence of MGP residuals based on color and appearance. Boring SB-216 was installed between SB-215 and excavation sample EW-106 and also had no visual evidence of MGP residuals. A wood chip layer noted in both borings occurred between 6 to 10 feet bgs and was similar in color (red/brown) to that previously documented during the soil remedial action work in the vicinity of the former excavation extending into Pfiffner Pioneer Park. Remedial excavations in 1998 targeted the removal of wood chips and stained soil that were blue-green in color, typical of purifier box wastes. The source of the wood found at SB-215 and SB-216 is unknown, possibly un-weathered purifier box wood chips (iron impregnated) or may be related to the former historical lumber yard operations in the vicinity of Pfiffner Pioneer Park.

Soil boring SB-216 had elevated total cyanide and PAHs in the sample from 4 to 6 feet bgs, taken from the sandy fill material above the wood chip layer. Select PAH and total cyanide concentrations were above the generic RCL and PRG direct contact values (Appendix B, Tables 5 and 6). The sample from the wood chip layer at SB-215 had significantly lower concentrations of PAHs and total cyanide, indicating that it may not be spent purifier box waste. SB-216 approximately defines the northeastern extent of impacts within Pfiffner Pioneer Park and adjacent to the former excavation area, based on results for SB-215, EB-103, EW-107, and EW-108.

2.5.5 Well Boring Sampling Results

The only soil sample from a well boring was collected at the bedrock interface in the boring for piezometer PZ-11B. Detected PAHs and total cyanide were present at very low concentrations and

BTEX compounds were not detected (Appendix B, Tables 5 and 6). These results indicate that there is no MGP residual material in the vicinity of piezometer PZ-11B.

3 REMEDIAL ACTION

3.1 Overview

The RAOR was completed based on the soil analytical results obtained prior to June 1996, and the remedial alternative selected for the site was source area excavation with medium temperature thermal desorption (MMTD) in a portable unit. This alternative was recommended based on implementability, source removal effectiveness, applicability to site conditions, regulatory requirements at the time, anticipated site use, and economic feasibility. The objective of this alternative was to remove the significant impacts with the goal of meeting established criteria for natural attenuation as a final remedy. This section summarizes the remediation objectives, approach, activities, and results. Specific details of the remedial action are provided in the Remedial Action Documentation Report (NRT, September 1998).

3.2 Remedial Action Objectives and Approach

The remedial action objectives included the following:

- Excavate, thermally treat, and replace the most heavily impacted areas of MGP residuals affecting soil and groundwater quality at the site;
- Sample treated material and soil left in-place to document the remaining on-site soil quality;
- Minimize potential human exposures to MGP residuals by institutional and engineering controls; and
- Restore the site to conditions amenable for development as green space and/or additional parking lots.

These remedial objectives were established to be consistent with the March 1997 WDNR Interim Guidance on Soil Performance Standards.

Excavation and removal of areas of concern were conducted using a combination of analytical screening and performance based criteria, which required continuous field assessment to respond to changing conditions encountered during excavation operations. Subsurface conditions and the extent of contamination posed numerous challenges to meeting key remedial objectives associated with maximizing the removal of contaminant mass and reducing direct contact risks for future site use. The former MGP site contained several underground structures consisting of reinforced concrete foundations, utilities, wood and miscellaneous other debris that were previously unidentified.

Excavation plans were also field modified to address previously unidentified “hot spots” of coal tar contamination. The intent was to remove as much coal tar material as practical. Material was removed to a maximum depth of approximately one to two feet below the water table, to the extent possible. Based on these considerations, a flexible remedial strategy was implemented throughout the course of excavation operations and included the following key elements:

- Visual Assessment of Contaminant Conditions: Areas visually identified to be impacted were targeted for removal. Visual criteria such as bluish soil and/or presence of coal tar was utilized to provide rapid assessment of excavation requirements.
- Groundwater Dewatering: To maximize excavation depths, dewatering wells were installed as needed near on-going excavation operations. Dewatering operations were only conducted with the intent of facilitating the excavation operations and recovery of phase-separated hydrocarbons occasionally encountered in the excavations.
- Field Screening of Soil Samples: Soil samples collected during excavation operations were field screened using a PID to evaluate the need to extend the excavation limits.
- Soil Sample Laboratory Analyses: Laboratory analytical data for samples collected from the remaining soil were used to document that sufficient removal had been conducted. When appropriate, these samples were expedited at the laboratory to assist in determining excavation limits.

In addition, the excavation strategy focused on the delineation and removal of areas where the following conditions were identified through field judgment and observations:

- The presence of underground structures related to historical MGP operations showing visible evidence of impacts either on its surfaces or in material contained within;
- Areas where saturated soil exhibiting sheen, strong odor, or evidence of coal tar was encountered at an accessible depth; and,
- Soil and/or fill material exhibiting obvious blue or black discoloration, characteristic of cyanide or lead impacts, in areas where elevated concentrations were previously measured.

The project plan also included rapid backfilling of excavated areas with treated soil, which was important due to limited space for stockpiling treated and untreated soil and engineering difficulties associated with dust control and routing heavy equipment traffic. Rapid backfilling also aided in reducing odors and vapor phase organics associated with MGP residuals in soil and groundwater. A minimum of two feet of imported clean fill material was placed over areas backfilled with thermally treated soil to minimize direct contact risks associated with any residual cyanide and/or lead-containing soil. Finally, a minimum four inches of clean imported material was placed across the remainder of the former MGP property, and this was seeded and mulched.

Remedial activities were conducted in general accordance with the RAOR and Remedial Work Plan as described in the Remedial Action Documentation Report, (NRT, September 1998). Site work began on February 16 and ended on June 3, 1998.

3.3 Pre-Remedial Action Activities

3.3.1 Permitting

Necessary air and solid waste permits for completing the remedial action were requested from WDNR. Based on comments received from WDNR, a Pretreatment Soil Sampling Plan, a Perimeter Air Monitoring Plan, and a Fugitive Dust Plan were developed. The plans were submitted to and approved by the Department. A list of additional permits granted by WDNR and City of Stevens Point is included in the Remedial Action Documentation Report (NRT, September 1998).

3.3.2 Utility Trenching

A natural gas main line was installed at the site to provide service for the planned thermal treatment plant in January and February 1998. During installation of the gas line trench, an area of noticeable naphthalene odors was encountered east of the former 40,000 cubic foot gas holder (Appendix C, Plate 1), and a sample was collected for laboratory analysis of BTEX and PAHs. Based on field observations and the laboratory results, soil encountered in this area was identified for excavation and thermal treatment. Therefore, the utility trench was over-excavated in areas of observed impacts during remediation activities and this soil was thermally treated.

3.3.3 Pre-Remedial Test Pits and Hand Augers

Twenty-two test pits (TP-101 through TP-122) were advanced to confirm the excavation limits using discreet sample locations prior to excavation (Appendix C, Plate 1). Groundwater was encountered in most test pits from 6 to 8 feet bgs, although at some of the locations it appeared to be “perched” above the water table. The test pits indicated the following:

- Planned areas of excavation on the east side of the site and near Pfiffner Pioneer Park did not change appreciably from areas originally proposed in the Remedial Work Plan (NRT, February 1998).
- Surface soil samples (0-6”) in Pfiffner Pioneer Park were not above generic direct contact RCLs or PRGs for total cyanide or PAHs (Appendix C, Table 1).
- Test pit TP-101 was advanced adjacent to the OW-7 nest and showed PAH and cyanide contamination at or below-detection limits in soil above groundwater (approximately 5.5 feet bgs).
- Test pit TP-117 located adjacent to Crosby Avenue contained BTEX and PAHs in sufficiently high concentrations to warrant excavation to at least 4 feet bgs. As a result, excavation in the area of TP-117 was deeper than 2 feet bgs, as originally estimated.

Overall, the test pit sampling results were useful for refining and confirming excavation limits, and the data complemented previous soil results for determining degree and extent of impacts.

Prior to excavation, the extent of cyanide contaminated soil in the vicinity of B-108, located in Pfiffner Pioneer Park, was evaluated through four hand auger samples (HA-1 through HA-4, Appendix C, Plate 1). One sample from each hand auger was collected from a depth of 0.5 to 2 feet bgs and analyzed for total cyanide. Results showed cyanide concentrations of 2 mg/kg or less in each sample (Appendix C, Table 1), and it was concluded that cyanide contamination did not extend to the south, west or east of B-108.

3.4 Areas of Concern

The contaminants of concern in soil included BTEX, PAHs, cyanide and lead. Targeted areas included the following:

- Surface soil impacts in Pfiffner Pioneer Park, western and eastern areas of the site, where previous sampling activity indicates the presence of PAHs, cyanide, and lead in surface soils. Cyanide contaminated soil was typically identifiable by Prussian blue stained soil and wood chips.
- Subsurface soils greater than two feet bgs to a depth of one foot below the existing groundwater table in probable source areas of tar and/or cyanide contamination, including near well nests represented by OW-3 and OW-5; and the former 40,000 cubic foot gas holder.
- Soil impacts beneath Crosby Avenue if field conditions indicated a source area of soil contamination during the excavation activities.
- Soil impacts near a former tar well located centrally on the site, based on field conditions encountered while installing a natural gas line at the site.

- Former coal tar or cyanide contaminated structures and their contents.
- Soil impacts extending from planned excavation areas, where direct contact risks appeared to be present, as confirmed by laboratory analytical results.
- Accessible soil impacts extending from planned excavation areas, where leaching to groundwater was probable.

3.5 Surface Soil Removal

COCs, including cyanide and PAHs, were noted to be scattered in some of the remaining site areas as coal fragments, occasional purifier waste wood chips, etc. To address these areas and possible concerns for direct contact at the surface, the top four inches of surface soil from the entire site were removed. In accordance with the Remedial Work Plan, surface soil was scraped, stockpiled, and sampled in a composite fashion (every 100 cubic yards) to determine if the soils should be thermally treated prior to use as subsurface backfill at the site. Samples CLN-1 through CLN-7 represent surface soil composites collected in the areas described below:

- CLN-1 and 2: Southern part of the site, in the location of treated soil stockpiles;
- CLN-3 and 4: East and north of the eastern excavation area;
- CLN-5 and 6: Northwest area, adjacent to residential properties; and
- CLN-7: Beneath Crosby Ave., to be replaced with new sub-base.

The laboratory analytical results for BTEX, PAHs, total cyanide, and total lead were compared to the appropriate regulatory standards or the proposed treatment concentrations to determine if the stockpiles required treatment prior to backfilling (Appendix C, Table 2). The stockpiles represented by samples CLN-1, CLN-2, and CLN-7 required treatment prior to backfilling, based on the PAH concentrations.

3.6 Source Area Excavation and Management

The three areas excavated and treated are shown on Appendix C, Plate 3. Labeled as Excavation Areas 1 through 3, the locations are summarized as follows:

- **Excavation Area 1** (Appendix C, Figures 3 through 5): included surface and subsurface soil in the eastern portion of the site surrounding borings SS-5, SS-2, B-102, TP-23, and the OW-5/OW-5A/P 5B well nest to an average depth of 9 to 10 feet bgs and maximum depth of 14 feet. Approximately 5,000 cubic yards (cy) of soil were excavated from this area.

- **<u>Excavation Area 2</u>** <u>(Appendix C, Figures 6 through 8):</u> included the excavation of subsurface soils to an average depth of 9 to 10 feet (maximum 14 feet) in the area surrounding test pit TP-111 and piezometer PZ-3B. Additionally, surface soil impacts were excavated to a depth of two feet in the northwest portion of the site and Pfiffner Pioneer Park including former borings B-108 and SS-3. Approximately 4,600 cy of soil were excavated from this area.

- **<u>Excavation Area 3</u>** <u>(Appendix C, Figures 9 through 11):</u> was identified as the location near the former gas holder sampled by investigation test pit TP-7. Based on field conditions encountered while installing a natural gas line at the site, the volume and area was extended to the southeast from this gas holder to include the area near a former tar well. Excavation depth averaged 9 to 10 feet bgs (with a maximum of 11 feet). Approximately 2,400 cy of soil were excavated from this area.

3.6.1 Thermal Treatment and Verification Sampling

A total of 14,628.21 tons of soil was treated between April 3 and May 21, 1998. Treatment verification samples were collected in accordance with the Remedial Work Plan. Treated soil was stockpiled in 500 ton intervals pending laboratory analytical results at a frequency of one composite sample per stockpile. Post-treatment soil analytical results, along with the treatment soil standards, are listed on Appendix C, Table 5.

Post-treatment cyanide concentrations were below 1.4 mg/kg; however, lead exceeded the 50 mg/kg residential direct contact RCL in most post-treatment samples. In accordance with the Remedial Work Plan, treated soil exceeding the 50 mg/kg residential direct contact value would be managed by re-placing this material only in areas on WPSC property with a minimum 3-foot separation from the groundwater table and 18 inch separation from ground surface. Due to the volume of soil containing elevated lead, it was necessary to backfill a portion at depths less than 3 feet from the groundwater table.

Based on the arithmetic mean of all pre-treatment and post-treatment sample results, thermal treatment achieved 99.4 percent removal of analyzed organics in soil. This is based on results on Appendix C, Tables 4 and 5, where the approximate arithmetic mean of pre-treatment soil concentrations of total BTEX and PAHs were 21 mg/kg and 945 mg/kg, and the average post-treatment soil concentrations were 0.1 mg/kg and 5.4 mg/kg, respectively. Averaged over the 14,628.21 tons treated, the BTEX and PAH mass removed by thermal treatment was approximately 600 pounds and 27,500 pounds, respectively.

3.6.2 Other Remedial Action Activities

As part of implementing the remedial action, the following activities were also performed to meet the objectives of the remedial action:

- Air Monitoring – Including treatment system emission levels, ambient air monitoring at the site perimeter to monitor and document ambient air quality during remediation activities and air monitoring in the work zone was also performed during excavation activities to monitor exposure levels and determine the appropriate level of personal protective equipment required for workers; and
- Excavation Dewatering and Treatment – To minimize accumulation of contaminated water in the excavations. The water was pre-treated through a system that included solids settling and filtration using bag filters and granular activated carbon (GAC) prior to discharge to the wastewater treatment plant, which was approved by the City of Stevens Point and WDNR.

3.6.3 Documentation Sampling

Excavation and sample depths cited below are relative to pre-remediation site elevations. Sidewall and base samples were collected following excavation to document residual concentrations (Appendix C, Table 3). Excavation sidewall soil samples were collected at approximately 50 foot intervals, and excavation base samples were collected approximately every 2,500 square feet. Samples were collected more frequently in areas of potentially higher impact.

Remaining soil quality for total BTEX/benzene, total PAHs/naphthalene and total cyanide/lead are summarized on Appendix C, Figures 6, 7 and 8, respectively. Documentation samples results were generally low to non-detectable concentrations of BTEX and PAH, indicating the edge of the impacted areas had generally been reached. Relatively moderate total PAH concentrations were detected in sidewall samples from excavations Area 1 and Area 2 and may be attributed to the abundance of cinders and coal fragments in this excavation area.

A sidewall sample collected from Area 3 contained relatively elevated BTEX, total PAH, cyanide, and lead concentrations. However, residual unsaturated impacts in this area did not appear to be contributing to groundwater impacts, as low BTEX and PAH concentrations were detected in an earlier groundwater samples in the vicinity. Additional soil borings (discussed in Section 2) were completed in the area during the supplemental site investigation to further assess the feasibility of groundwater remediation by monitored natural attenuation.

3.7 Backfilling and Site Restoration

Treated soil was replaced in the excavations and compacted following treatment to acceptable levels. Approximately 9,000 tons of clean imported granular backfill was installed above treated backfilled soil to a thickness of 2 feet above the treated soil. A slight slope was developed across Excavation Area 1 prior to placing imported backfill to promote runoff, and the final site grade is shown on Appendix C, Plate 4. The top 4 inches over the entire WPSC property was replaced with fine grained topsoil material, mulched, and seeded.

Upon completion of excavation and thermal treatment activities, disturbed areas of the site including the City of Stevens Point parking lot and West Street were restored, to the extent practical, to pre-remediation conditions with respect to topography, hydrology, and vegetation. Crosby Avenue was replaced and the disturbed areas of Pfiffner Pioneer Park were sodded following the completion of Excavation Area 2.

3.8 Material Management Summary

In summary, the final tonnage of material encountered and/or used at the site, as well as its final disposition is listed below.

Material	**Disposition**	**Approx. Tons**
Non-contaminated surface soil	Used as subsurface backfill	300
Contaminated soil thermally treated	Used as subsurface backfill	13,820
Contaminated debris	Crushed, treated, and used as subsurface backfill	810
Contaminated debris	Sent to landfill	1,500
Other materials (including groundwater treatment wastes)	Sent to landfill	30
Imported general fill and topsoil	Used for backfill	8,850

4 GROUNDWATER AND STORM WATER INVESTIGATION RESULTS

4.1 Overview

This section summarizes groundwater analytical results through April 2006, when the most recent round of sampling was completed. Results collected prior to soil remediation are discussed for comparison purposes, the majority of the section presents data collected after the 1998 remediation work. This summary updates previous annual groundwater monitoring reports submitted to WDNR. Specific discussions regarding groundwater exposure pathways are included in Section 6.

In addition, this section describes activities to evaluate storm sewers in and around the former MGP site. The activities were completed to evaluate potential for these lines to act as preferential pathways. Details were provided in the Supplemental Site Investigation Report (NRT, 2002) and summarized below.

4.2 Groundwater Quality Prior to Soil Remediation

Originally, groundwater concentrations exceeded the NR 140 Enforcement Standards (ESs) and Preventive Action Limits (PALs) for a number of compounds in two main areas of the site: the northwest corner in the vicinity of former MGP structures and in the south and east portion of the site adjacent to the former slough. Groundwater data collected through 1997 was used to confirm the target source removal areas addressed through soil remediation activities described in Section 3. The historic groundwater analytical results for benzene, naphthalene, and total cyanide are listed on the Appendix D tables.

4.3 Post-Remediation Groundwater Monitoring

Post-remediation monitoring was performed to assess the effectiveness of natural attenuation in addressing groundwater impacts. Groundwater samples have been collected in accordance with WDNR[2] guidelines. Samples have been collected in accordance with USEPA[3] and ASTM[4] low-flow methods

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[2] WDNR, 1996, Groundwater Sampling Desk Reference, September 1996, Publication PUBL DG 03796, WDNR, Madison, Wisconsin, 169 pages. WDNR, 1996, Groundwater Sampling Field Manual, September 1996, Publication PUBL DG 03896, WDNR, Madison, Wisconsin, 76 pages.

[3] USEPA, 1996, Low-Flow (Minimal Drawdown) Ground-Water Sampling Procedures.

[4] ASTM International (ASTM), 2002, ASTM D6771-02, Standard Practice for Low-Flow Purging and Sampling from Wells and Devices Used

since November 2003. The sampling schedule for the wells, generally since early 2004, is listed in the table below.

January, April, July, and October Sampling	April and October Sampling	April Sampling
OW-5R/P-5B, OW-7A/PZ-7B, and OW-12/PZ-12B	OW-6, OW-9/PZ-9B, PZ-11B, and PZ-13B	OW-1, OW-2, OW-3R/PZ-3B, OW-4, OW-8, OW-10/PZ-10B, and OW-11

Continued monitoring has focused on nests OW-5R/P-5B, OW-7A/PZ-7B, and OW-12/PZ-12B based on the recent results. Hydrogeologic conditions at the site, which were described in the March 15, 2004 letter, are briefly summarized herein.

4.3.1 Groundwater Flow Direction And Gradients

Groundwater elevation measurements were collected prior to sampling activities each quarter at all wells in the network, regardless of whether analytical samples were being collected. (Appendix D, Table 1). Groundwater elevation contours from the water table wells and piezometers for October 2005 and April 2006 show that flow is generally east away from the Wisconsin River (Appendix D, Figures 1 through 4). This flow pattern is consistent with observations at the site since 1999 and reflects the influence of the dam, which is located about one half (0.5) mile downstream of the site.

This flow also confirms a conceptual groundwater flow net that was constructed for a cross section across a bedrock valley (presented in previous annual monitoring reports) and included as Appendix D, Figure 7. The conceptual model was based on site geology, elevation measurements, and the presence of the dam. The model indicates the Wisconsin River is a losing stream in the vicinity of the site based on the horizontal flow (shallow and within bedrock) away from the river and the river's position relative to the dam (Appendix D, Figure 7). Groundwater and analytical data discussed herein support this model.

Horizontal gradients across the site ranges from approximately $6x10^{-3}$ to $1x10^{-2}$ in the water table wells; however, the horizontal gradient is not calculated for the piezometers as only one elevation can be contoured at the site**.**

Vertical hydraulic gradients (Appendix D, Table 2) range from strongly upward to downward with the predominant gradients of flat to upward and seasonal weakly down to weakly up as summarized below. The exception is well nest OW-7A/PZ-7B, which has exhibited consistent downward gradients.

Well Nest	Vertical Gradient
OW-3R/PZ-3B	Predominately strongly upward
OW-5R/P-5B	Predominately flat to weakly up
OW-7A/PZ-7B	Downward
OW-9/PZ-9B	Predominately flat, occasional upward gradients
OW-10/PZ-10B	Predominately flat, seasonal weakly down to weakly up
OW-11R/PZ-11B	Weakly up to upward
OW-12/PZ-12B	Predominately flat, one weakly downward

4.3.2 Groundwater Analytical Results and Trends

Groundwater samples have been analyzed for BTEX (and later only benzene), PAHs, and several remediation by natural attenuation (RNA) parameters including methane, dissolved iron, nitrate/nitrite, and sulfate. The analytical results are summarized on Appendix D, Tables 3, 4, and 5, respectively. Benzene and naphthalene concentrations are summarized on Appendix D, Figures 5 and 6 for the shallow groundwater and deep groundwater, respectively. The laboratory reports for sampling events from January 2005 through April 2006, previously not submitted to the agency, are included in Appendix E. In addition to the laboratory parameters, the water temperature, conductivity, pH, dissolved oxygen content, and oxidation/reduction potential were measured in the field (Appendix D, Table 5).

Mann Kendall statistical trend analyses were completed for the wells where the benzene and naphthalene concentrations exceeded the NR 140 ES or PAL (Appendix F) and are summarized below. Only post remediation data, collected since June 1999 is included in the Mann Kendall analyses.

Well	Benzene		Naphthalene	
	80% Confidence	90% Confidence	80% Confidence	90% Confidence
OW-3R	Below NR 140 Standards		Decreasing	
OW-5R	No Trend (Non-Stable)		Decreasing	
OW-5R (Seasonal)	Decreasing	No Trend		
P-5B	Decreasing		Decreasing	
OW-6	Decreasing		Decreasing	No Trend (Stable)
OW-7A	Decreasing	No Trend (Stable)	No Trend (Stable)	
PZ-7B	Below NR 140 Standards		No Trend (Stable)	
PZ-7B (Seasonal)			Decreasing	No Trend (Stable)
OW-9	No Trend (Stable)		No Trend (Non-Stable)	
OW-9 (Seasonal)	Decreasing		Decreasing	No Trend (Stable)
PZ-11B	Decreasing		Decreasing	
OW-12	No Trend (Stable)		No Trend (Non-Stable)	
PZ-12B	Decreasing	No Trend (Stable)	Decreasing	

Significant analytical results and concentration trends observed in the wells listed above since June 1999, the first sampling event following completion of the soil remedial action, include the following:

- For the site wells installed prior to 2004, the Mann-Kendall results (either for the most recent 10 rounds of sampling or for seasonal data) indicate that concentrations trends are either decreasing or stable. This is significant because it suggests that the groundwater quality is at an equilibrium, and attenuation is occurring.
- Review of the seasonal data suggest that the variations observed seasonally are enough to mask the fact that concentration trends are either stable or decreasing. Data from the spring of each year (when available) was used for the seasonal trend analysis and indicates stable or decreasing trends. The spring data was used since many of the seasonal high concentrations were observed at this time of year.
- The benzene concentration trend in well OW-12, which was installed in summer 2004, is stable. The data are insufficient for evaluating the seasonal concentration trend for naphthalene. However, a stable naphthalene trend is expected as benzene and naphthalene concentration trends are similar in the other site wells.
- The benzene and naphthalene plumes have largely been defined in site wells and piezometers, and the long-term and/or seasonal concentration trends are stable or decreasing. Water table results indicate centrally located site wells OW-5R, OW-6, OW-7, and OW-9 exhibit concentrations consistently above the NR 140 ES (Appendix D, Figure 5). Data from downgradient off-site wells OW-10 and OW-12 suggest dissolved impacts in the central site wells are attenuating below state groundwater standards without significant off-site migration.
- The benzene and naphthalene concentrations in the bedrock piezometers (P-5B, PZ-9B, BZ-10B, PZ-12B, and PZ-13B) have declined significantly. Although piezometers P-5B and PZ-7B have elevated concentrations, results from the down-and side-gradient are lower in concentration and coupled with the upward vertical gradients, suggests that the plume is defined (Appendix D, Figure 6).
- Ethylbenzene, toluene, and xylene concentrations have steadily declined and remained below NR 140 PALs in water table wells and piezometers since 2000. In light of this trend, BTEX sampling was reduced to benzene only in January 2005.
- Benzo(a)pyrene, benzo(b)fluoranthene, and chrysene concentrations continue to decline in the wells where they were historically detected at concentrations above regulatory standards, predominantly in the central portion of the site (Appendix D, Table 4). Further, concentrations in side to downgradient wells are at or below standards, indicating that these dissolved constituents are not migrating significant distances.
- Methane concentrations across the site are relatively high, suggesting methanogenesis is resulting from biological processes. This is supported by low or decreased sulfate levels, particularly OW-4, OW-7A/PZ-7B, OW-9, OW-11, and OW-12.

4.3.3 Recommendations

Groundwater sampling of the wells and piezometers should continue at the site through the end of 2006 and possibly into 2007. Recent groundwater analytical results for well nests OW-10/PZ-10B and OW-12/PZ-12B suggest that the extent of groundwater impacts exceeding the benzene and naphthalene NR 140 ESs have largely been defined laterally and vertically. At this time, no additional monitoring wells are recommended, especially based on the stable and/or decreasing concentration trends .

4.4 Storm Sewer Monitoring

Following the soil remediation work in 1998, the City indicated that the storm sewer adjacent to the southeast edge of the site was perforated in preparation for sewer construction activities. Video taping of the storm sewer confirmed perforations existed in three segments of the storm sewer adjacent to the site. Based on elevation information provided by the City and groundwater elevations from the 2000 sampling event, it is possible that groundwater elevations are occasionally higher than the elevation of the perforations of the storm sewer over approximately 30 to 50 linear feet, near MH-4 (Appendix I, Figure 11).

In conjunction with groundwater sampling, water elevation, water sampling, and flow observations were performed in five manholes. Sample locations and analytical results are provided in Appendix I. Water quality results were compared to adjacent monitoring well analytical results and the General Wisconsin Pollution Discharge Elimination System (WPDES) permit limits established for remediation sites. Benzene and naphthalene, when detected, were below the General WPDES permit limits at downstream locations.

A storm sewer base flow estimate was provided at WDNR's request to establish preliminary limits for groundwater discharge of PAHs to the perforated storm sewer (Appendix I) and ultimate receiving stream (Wisconsin River). The applicability of this approach needs further evaluation with respect to regulatory requirements.

5 SEDIMENT INVESTIGATION AND RESULTS

Sediment sampling focused on identifying the nature and extent of MGP residuals in river sediments or natural soil material underlying the Wisconsin River and in the pond. Sediment/soil samples were collected from as deep as eight feet below the bottom of the river or pond and are herein referred to as "sediment samples" although in some locations natural soils were encountered and sampled. Specific discussions regarding exposure pathways is included in Section 6.

5.1 Wisconsin River Investigation

In June 2000, WPSC survey crews established seven transect (T-201 through T-207) markers along the Wisconsin River that were used for evaluating the river bathymetry and sediment sampling. Transects were located between approximately 600 feet upstream (*i.e.*, T-201) and 950 feet downstream (*i.e.*, T-207) of the outlet of the former slough (Appendix G, Figure 10). Further details regarding the methods for locating, poling, and sediment sampling are included in the Supplemental Site Investigation and Groundwater Monitoring Report (NRT, 2002). The poling and sediment sampling locations, sediment types, and sediment thickness observations from this effort are summarized on Appendix G, Tables 3 and 4 and shown on Appendix G, Figure 10.

5.1.1 Poling Locations and Observations

The river bathymetry evaluation included poling (using an aluminum pole) the water depth and soft sediment thickness along each transect by an NRT field crew. Sediment encountered closest to shore contained the greatest thickness of soft material. As the water depth and current velocity increased, the relative amount of soft sediment decreased. Fine-grained sediment was largely absent and large gravel, cobbles, and boulders dominated the bottom at poling locations furthest from shore (Appendix G, Table 3). Rocky bottom conditions were present at over half of the poling locations. Soft sediment, when present, ranged from less than one inch up to 22 inches thick. The mean sediment thickness at the 18 locations where sediment was present was approximately 5 inches.

5.1.2 Sediment Sampling and Observations

Locations, distance from shore, depth of core and recovery, sediment type, and field observations are summarized on Appendix G, Table 4.

Sediment collection was performed using direct push methods with a 2-inch diameter, four foot long sample recovery tube, which was transported and positioned on the river by a split-top spud barge. Twelve (12) locations were sampled in the river. Sediment sampling upstream of the former slough outlet was completed to provide an indication of background conditions for the river and site.

Proposed sample locations along several transects were relocated based on field encountered conditions (i.e., currents, rocky substrate, etc.). Sediment sampling proved difficult because of the rocky substrate. Over half of the borings required redeployment of the sample tube to collect additional sample because of rocks (Appendix G, Table 4). Most of the samples taken in the river likely represent sediment that was located between large rocks and boulders that were difficult to sample, and numerous locations required more than one attempt to collect the sample (Appendix G, Table 4). MGP residuals were noted in these sediments during sample collection. Poling and sampling activities also indicate that there is a limited extent of soft sediment.

Sediment samples were submitted for laboratory analysis of BTEX, PAHs, metals, and total cyanide, and the analytical results are summarized in Appendix G, Tables 10 and 11. Results are also shown on Appendix G, Figures ST PT-1 and ST PT-2.

5.1.2.1 PAH Results

Total PAH results for the three transect T-201 sediment samples (upstream of the site) are 0.4 mg/kg or less (Appendix G, Table 10), indicating that background PAH concentrations are relatively low in this portion of the river. Although PAH concentrations from transects T-203, T-204, and T-207 exceed the background results at T-201, impacts are limited to surface sediments very near the former slough outlet.

Higher PAH concentrations are present in surface sediments located near and just downstream of the former slough outlet (Appendix G, Table 10). PAH concentrations decline rapidly with depth and distance from the former slough outlet. Total PAH results for surface sediment along T-203 are two orders of magnitude higher than sediment collected at deeper intervals (Appendix G, Table 10), indicating that the highest PAH concentrations are confined to the surface sediments in this area.

Total PAH results for samples from transect T-204 further indicate that impacts are confined to near-shore sampling locations where soft sediments are present. Total PAH results for samples collected along transect T-207 also indicate that the extent of PAH impacts associated with the former slough outlet are limited.

5.1.2.2 BTEX Results

Background sediment sample results indicate that BTEX compounds are present upstream of the former slough outlet (Appendix G, Table 11). The highest concentrations are present in the shallow, near shore sample at T-201A, while the BTEX compounds are largely absent in the samples further from the shore.

Similar to the PAH results, the highest BTEX concentrations are found in surface sediments along T-203. Results from deeper samples at these locations also are two orders of magnitude or more lower (Appendix G, Table 11). Further, significantly lower (below background concentrations) results for the T-204 transect indicate the extent of impacts is limited. BTEX concentrations in the near-shore sample from T-207 were also below the background concentrations.

5.1.2.3 Cyanide Results

Two samples from each transect were analyzed for cyanide, and concentrations in these samples were very low. One background sample had a concentration of 0.023 mg/kg while concentrations along T-207 ranged from 0.048 to 0.080 mg/kg (Appendix G, Table 11). Cyanide was not detected in any sample from transects T-203 and T-204, strongly suggesting that the cyanide at transect T-207 is probably not related to the former MGP operations as it does not co-occur with the highest PAH/BTEX concentrations.

5.1.2.4 Metals Results

The highest cadmium, copper, lead, mercury, and zinc concentrations in the river sediments were in either the upstream or downstream transects (Appendix G, Table 11). Similar to cyanide, these results indicate that these metals are not related to MGP residuals.

5.2 Pond Sampling Activities and Results

Sediment samples from pond locations SD-201, SD-202, and SD-203 (Appendix G, Figure 10) were collected in June 2000 using a 4-foot long, 2-inch diameter coring unit that is pounded into the sediment using a weight. Between 16 and 28 inches of sediment were collected from the three locations within the pond (Appendix G, Table 4). Soft sediment thickness determined by poling (Appendix G, Table 3) was generally less than total sediment/soil thickness observed in the collected samples.

Odors of decaying organic material were noticeable in all three sediment cores. Also, a tar odor was noted in the sediment from core SD-201 (Appendix G, Table 4). The highest PAH concentrations were present at SD-202, although there was no odor noted at this location. PAH concentrations in the Pond are generally higher than the river sediment samples with the exception of surface sediment concentrations along T-203 (Appendix G, Table 10).

Similar to the PAH results, BTEX concentrations in the pond generally exceed the river sediment results with the exception of the surface sediments at T-203A and T-203B (Appendix G, Table 11). However, unlike the PAH results, the highest BTEX concentrations were present in SD-201 and SD-203 (Appendix G, Table 11).

Cyanide was detected in sample SD-202, and it was approximately two orders of magnitude greater than concentrations observed in river sediments. These results further suggest that cyanide concentrations in the river are not related to impacts within the pond because cyanide was not detected in samples from T-203 or T-204. Metal concentrations in the pond, except for lead, were similar to those observed at the background sampling locations T-201 (Appendix G, Table 11). Lead concentrations in the pond ranged from 26 to 82 mg/kg (Appendix G, Table 11).

5.3 Diver Survey

A diver survey was conducted in the Wisconsin River on September 19, 2002 to supplement the June 2000 sediment sampling data. The purpose of the survey was to further evaluate sediment conditions in the river and specific objectives of this survey included the following:

- Determine the extent of debris on the bottom and the bottom substrate type;
- Document the presence or absence of visual evidence of MGP residuals; and
- Evaluate the horizontal extent of MGP or other residuals, if present.

These objectives were developed based on the fact that sediment samples were difficult to obtain due to rocky substrate and/or high amounts of debris and that the June 2000 samples collected immediately outside of the former slough outlet contained elevated PAH concentrations and MGP odors.

5.3.1 Sampling Method

The diver was equipped with a camera that afforded real-time video and a microphone headset so NRT could direct the diver during the survey. A copy of the videotape was included in the February 2003 letter and can be provided upon with request. The survey was conducted in a pattern of concentric arcs from the center of the bridge. The arcs started with a radius of 20 feet from the shore (Appendix H, Figure 1). The distance increased by 10-foot increments, up to a 90-foot radius arc.

The diver moved slowly along the bottom. Surface sediments were probed often, which removed the thin, flocculent layer of sediments. Diver observations are summarized on Appendix H, Table 1. The line tender and NRT staff person watched the water surface to see if any sheen resulted from the diver's disturbance of the surface sediments. No MGP residuals or sheens were observed.

After completing the eight arcs to 90 feet from shore, two transects perpendicular to shore were extended approximately 140 feet into the river to search farther. Transect ends were located near stations where MGP residuals were encountered during the June 2000 sediment investigation. Two core samples were collected on each transect (Appendix H, Figure 1), in areas that were identified as impacted during the previous survey. Two-foot sections of clear 2-inch PVC tubing were advanced into the river bottom by hand. Cores were advanced up to 22 inches (Appendix H, Table 2). No evidence of MGP residuals (i.e., tar, sheen, or odor) was noted in the samples.

5.3.2 Results and Recommendations

The survey results uncovered no visual evidence of MGP residuals as a result of a diver walking, probing, and removing debris from the river bottom. The condition and type of material encountered on the river bottom is noted on Appendix H, Tables 1 and 2. A significant amount of debris was encountered, including rock, timbers, wood, brick, and general construction rubble. Areas of soft sediment were occasional, and these were typically less than six inches thick when encountered.

No MGP residuals were observed in the push core samples taken near locations where previous MGP residuals were encountered. The need for additional remedial investigation is discussed in Section 6.

6 IDENTIFIED PATHWAYS AND CONCLUSIONS

6.1 Exposure Pathway Analysis

WPSC is in the process of developing a generic conceptual site model (CMS) for applicable exposure pathways associated with their former MGP sites, in accordance with the AOC. Development of the multi-site CSM is in progress and will be used for future work planning and site investigation/feasibility activities for all sites covered under the AOC, including the Stevens Point MGP site. For purposes of this Completion Report, a focused assessment of the exposure pathways addressed for the site is presented below, followed by a discussion of what additional work is necessary to assess other exposure pathways. This assessment can be refined as the multi-site CSM is developed.

The two primary exposure pathways addressed by the remediation work performed to date were:

- Protection of human health from direct contact with contaminated soil during and after the remedial activities; and
- Protection of groundwater from contaminant leaching through soil to groundwater.

Both pathways are discussed below with respect to remaining soil quality at the site.

6.1.1 Direct Contact Evaluation

Protection from long-term direct contact was addressed through the excavation and thermal treatment of contaminated soils within two feet of ground surface, combined with the placement of a surface cover (clean imported backfill). Laboratory analytical results obtained from soil borings, test pits, and excavation samples representing post-remedial surface soil conditions were compared to various screening levels for the COCs for direct contact protection taken from the following sources (Appendix C, Table 8):

- NR 720, Wis. Admin. Code;
- Illinois EPA Tiered Approach to Corrective Action Objectives (TACO), Soil Remediation Objectives (SROs);
- USEPA Region 9 Preliminary Remediation Goals (PRGs)

Remaining soil quality and risk potential were evaluated separately for on- and off-site areas for concentrations in soil less than two feet below the post-remedial ground surface elevations.

6.1.1.1 On-site Surface Soil Quality

Samples collected at depths two feet bgs or less following remediation and on the site (WPSC-owned property) are summarized on the upper section of Appendix C, Table 8 and Figures 3 through 11. Comparison to screening levels indicates following:

- All concentrations detected in on-site samples were well below the ingestion or inhalation short term exposure values (TACO, SROs);
- BTEX concentrations were well below the RCL or PRG screening levels, when detected;
- Several PAHs detected in samples TP-120, EW-118, EW-119 (located near excavation Area 2), and EW-204 (excavation Area 3) exceeded the PRGs and/or generic RCLs but are covered by four to six inches (or more) of clean imported material;
- Lead concentrations detected in samples EW-118 and TP-116 only slightly exceed the generic residential RCL of 50 mg/kg and are substantially below the industrial RCL of 500 mg/kg and the residential PRG of 400 mg/kg; and
- Cyanide concentrations detected in the on-site samples were well below the residential direct contact PRG.

6.1.1.2 Off-site Surface Soil Quality

Samples collected at depths two feet bgs or less following remediation and located off-site in Pfiffner Pioneer Park are summarized on the lower section of Appendix C, Table 8 and Figures 7 through 9. Comparison to screening levels indicates following:

- All concentrations detected in off-site samples were well below the ingestion or inhalation shorter term exposure values (TACO SROs);
- BTEX concentrations were well below screening levels (RCLS/PRGs) or not-detected;
- Concentrations of several PAHs and lead detected in sample EW-120 were above the guidance RCLs and PRGs; however, this area is capped by Crosby Avenue and results may have been affected by the prior presence of asphalt. No visual indications of MGP related impacts were identified.
- Benzo(a)pyrene concentrations exceeded the non-industrial direct contact RCL in samples TP-113, EW-107, and EW-110, but were below or similar to the industrial RCL and residential PRG. Benzo(a)anthracene, dibenzo(a,h)anthracene, and indeno(1,2,3-cd)pyrene concentrations in sample TP-113 were also above the generic RCLs but below residential PRGs for the respective

compounds. With these exceptions, no other direct contact screening levels were exceeded for PAHs in any of the off-site samples; and

- Cyanide concentrations detected in the off-site samples were also well below the residential direct contact PRG.

The shallow soil profile within the park that was exposed during the remedial activities in Area 2 generally contained 4 to 6 inches of topsoil over one to two feet of a sandy fill material and had no visual evidence of MGP impacts within the profile or on the surrounding grass surface. Any evidence of MGP impacts noted was deeper in the soil profile.

6.1.2 Direct Contact Protection

On the site, in Pfiffner Pioneer Park, and in/under Crosby Avenue measures were taken to eliminate risk for long-term direct contact associated with typical land uses. Four inches of clean imported backfill material were placed throughout the entire site. Crosby Avenue was reconstructed with new sub-base and asphalt, while disturbed areas of Pfiffner Pioneer Park, including the test pits and the excavation areas, were replaced with two feet of clean imported backfill and sodded.

As a result of the above-mentioned restoration procedures, direct contact with surface soils is not expected in ordinary site uses, which include recreation and lawn care. This conclusion is consistent with EPA recommendations that inhalation and ingestion pathways be evaluated at the “0 to 6 inch” depth within a soil profile (Technical Background Document for Draft Soil Screening Level Guidance, March 1994, EPA-540/R-94/018). Short term exposure during maintenance activities such as sprinkler repair or landscaping is not a concern because all concentrations detected in on- and off-site samples above two feet are well below the short-term construction ingestion or inhalation values previously referenced.

For potential future construction involving excavations below two feet from existing grade (e.g. utility lines or foundations), short-term exposure could occur in certain areas on-site and it was recommended that exposure should be evaluated, monitored, and managed accordingly depending on the specific location and nature of the construction plans. Off-site in Pfiffner Pioneer Park, the only area of concern with respect to deeper MGP related impacts documented during this remediation project is in the vicinity of EW-106 near Crosby Avenue (Appendix C, Table 3 and Figures 6 through 8).

WPSC informed the City of Stevens Point that direct contact with subsurface soils and inhalation exposure issues would need to be considered during future site development. Based on these potential exposure issues, the future development of the site will be controlled by WPSC as much as possible, which may include limiting future site use to commercial development.

6.1.3 Groundwater Pathway Evaluation

6.1.3.1 Source Removal

Protection of groundwater quality was addressed through the excavation and thermal destruction of the COCs in the source areas of the site, including temporary dewatering as discussed in Section 3. The remaining subsurface soil quality is summarized on Appendix C, Figures 3 through 11 for benzene, total BTEX, naphthalene, total PAHs, total cyanide, and lead. Conclusions of the source removal work were:

- Underground structures that were removed and areas that were excavated and treated contained the highest concentrations of MGP related impacts. Because these areas historically correlated to areas of highest groundwater impacts, long term improvement in groundwater quality is expected;
- A substantial mass of organic compounds with highest mobility for leaching to groundwater was removed/treated. For example, typical excavated concentrations were 30 to 40 mg/kg BTEX and 200 to 300 mg/kg naphthalene. Remaining concentrations averaged substantially less than 1 mg/kg for both BTEX and naphthalene;
- Significant cyanide removal was accomplished, particularly in the vicinity of Area 2 and former OW-3, resulting in overall groundwater quality improvement in this area; and
- Coal tar-related impacts may remain south of the Area 1 excavation. From post remediation sampling, it was concluded that these potential impacts were limited to the former slough area from a depth of 10 to 12 feet bgs and were at least partially removed when the City previously installed the storm sewer. Further, the residuals occurred in a relatively thin layer below the water table and could not be practically excavated. Groundwater data for locations surrounding the slough area (HP-119, HP-120 and OW-8) had not indicated significant adverse impact.

In reviewing the PAH data, it was important to consider the significant amount of coal fines that were encountered in the fill material, which in part contributes to the relatively high total organic carbon content (TOC). TOCs were in the range of 1 to 2% in both the remaining soil and treated backfill and were a significant factor in the ability of the site to attenuate organic contaminants.

Since the south side wall of Area 1 was not accessible for sampling due to the presence of the sheet pile it was further evaluated by installation of soil borings within the former slough (Section 2.4) and continued groundwater monitoring to compliment the existing data (Section 4). To this end, a groundwater monitoring program was designed and implemented to assess the effectiveness of the source removal actions and evaluate whether natural attenuation of residual contaminants was feasible as a sole groundwater remedy. Historic and recent groundwater data were discussed in Section 4.

6.1.3.2 Post Remedial Action Monitoring

As discussed in Section 4, the site monitoring wells exhibit stable or decreasing trends for either the 10 most recent sampling rounds or for seasonal data in the cases of wells OW-5R, PZ-7B, and OW-9. In addition, the lateral extent of the groundwater plume has been defined based on the April 2006 sampling results.

6.1.4 Groundwater Receptors

The City of Stevens Point municipal wells are located east of the site, and the locations are shown on the map included in Appendix I. This map was provided by the City of Stevens Point and it indicates that the closest well, Well #4 (which is a stand-by well), is over 2.5 miles from the site (calculated from other city maps). It is unlikely that site conditions would influence groundwater quality at the municipal wells for the following reasons:

- The overall regional groundwater flow is to the west (towards the river) in this area. This is reflected in the changing flow directions measured in site wells and the conceptual flow model; and
- The municipal wells are located near the Plover River, which likely provides the necessary recharge for these locations.

Under the present groundwater use conditions, along with results of ongoing groundwater monitoring, there does not appear to be a threat to the municipal wells.

As discussed in Section 4.4, storm sewers in the vicinity of the site have the potential to intercept groundwater. Concentrations within the storm sewer downstream of the site are low, typically below the General WPDES limits. The significance of this discharge with respect to regulatory standards has not been resolved.

6.2 Additional Work Summary

Areas and media that need further assessment and/or were not fully addressed by previous work with respect to public health, welfare or the environment include the following:

1. Groundwater Monitoring. Based on the stable and declining concentration trends (for both long-term or seasonal results), it appears that natural attenuation is a viable remedial alternative for groundwater quality improvement and protection of groundwater receptors. However, groundwater monitoring will continue for the near-term to provide additional data to confirm these concentration trends.

2. Storm Sewer Assessment/Regulatory Determination. Evaluate the significance of the groundwater infiltration potential along the storm sewer adjacent to the site with respect to applicable or relevant and appropriate requirements (ARARS).

3. Sediment RI/FS. Evaluate further assessment needs, including risk assessment if deemed appropriate, using the multi-site RI/FS Planning Documents currently being developed.

The above work elements will be incorporated into a Site-Specific Work Plan, to be submitted to USEPA in accordance with the established schedule.

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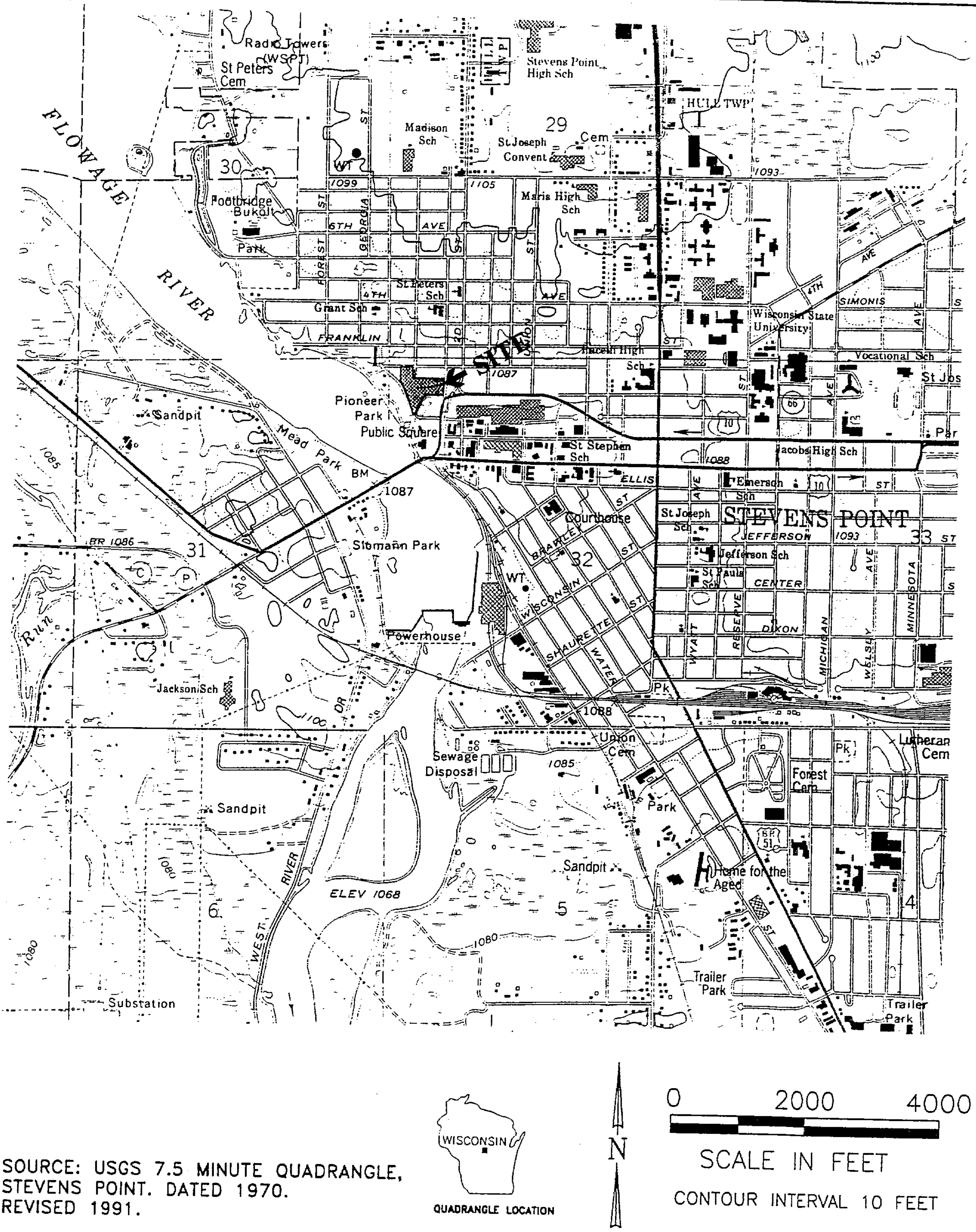
APPENDIX A

FIGURES 1 THROUGH 5 AND TABLES 2 AND 3 (REMEDIAL ACTIONS OPTIONS REPORT)



SOURCE: USGS 7.5 MINUTE QUADRANGLE,
STEVENS POINT. DATED 1970.
REVISED 1991.

Natural Resource Technology

N R T

SITE LOCATION MAP

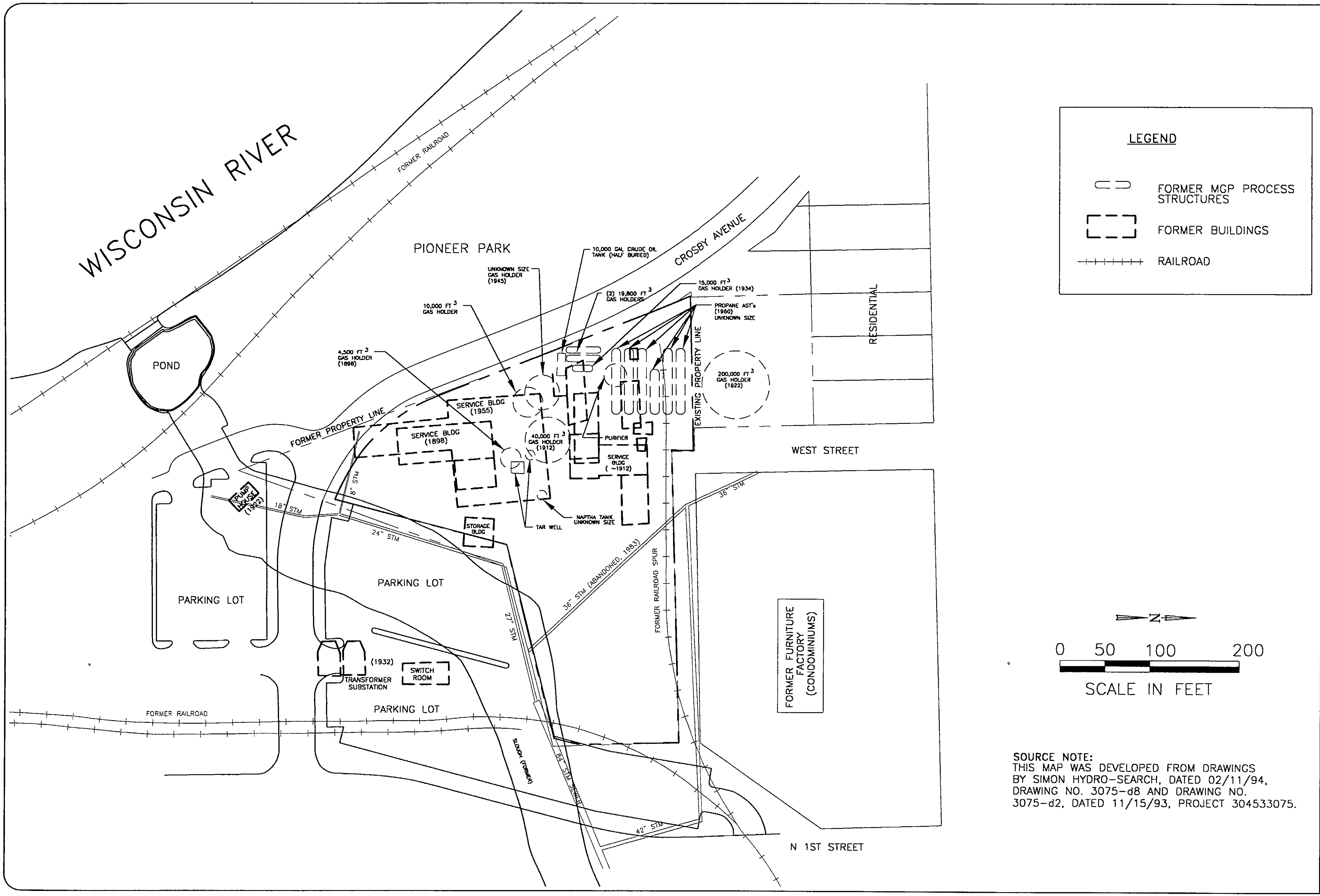
FORMER STEVENS POINT MGP SITE – WPSC
STEVENS POINT, WISCONSIN

DRAWN BY: TAS APPROVED BY: ND DATE: 4/13/91

PROJECT NO.
1177/2.6

DRAWING NO.
1177–A01

FIGURE NO.



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DRAWN BY: TAS DATE: 8/28/97
CHECKED BY: DVP/JAG DATE: 8/28/97
APPROVED BY: DATE:
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FORMER MGP STRUCTURE LOCATIONS

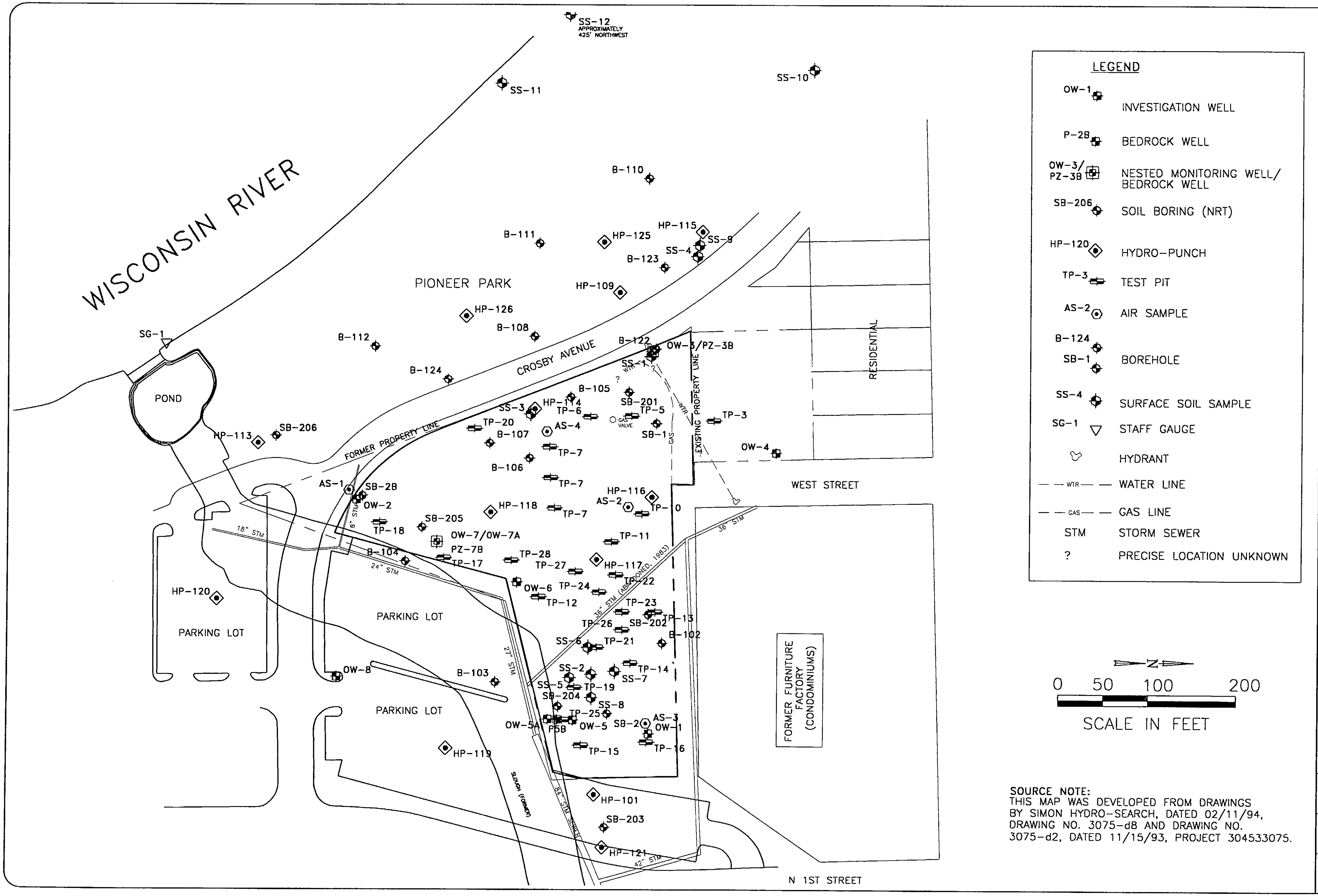
REMEDIAL ACTION OPTIONS REPORT
STEVENS POINT MGP SITE - WPSC
STEVENS POINT, WISCONSIN

Natural Resource Technology

PROJECT NO.
1177/2.6/STPT

DRAWING NO.
1177-B01

FIGURE NO.
2



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DRAWN BY: TAS DATE: 8/28/97
CHECKED BY: DVP/JAG DATE: 8/28/97
APPROVED BY: DATE:
AUTOCAD FILE: 1177-B02.DWG

SAMPLING LOCATIONS

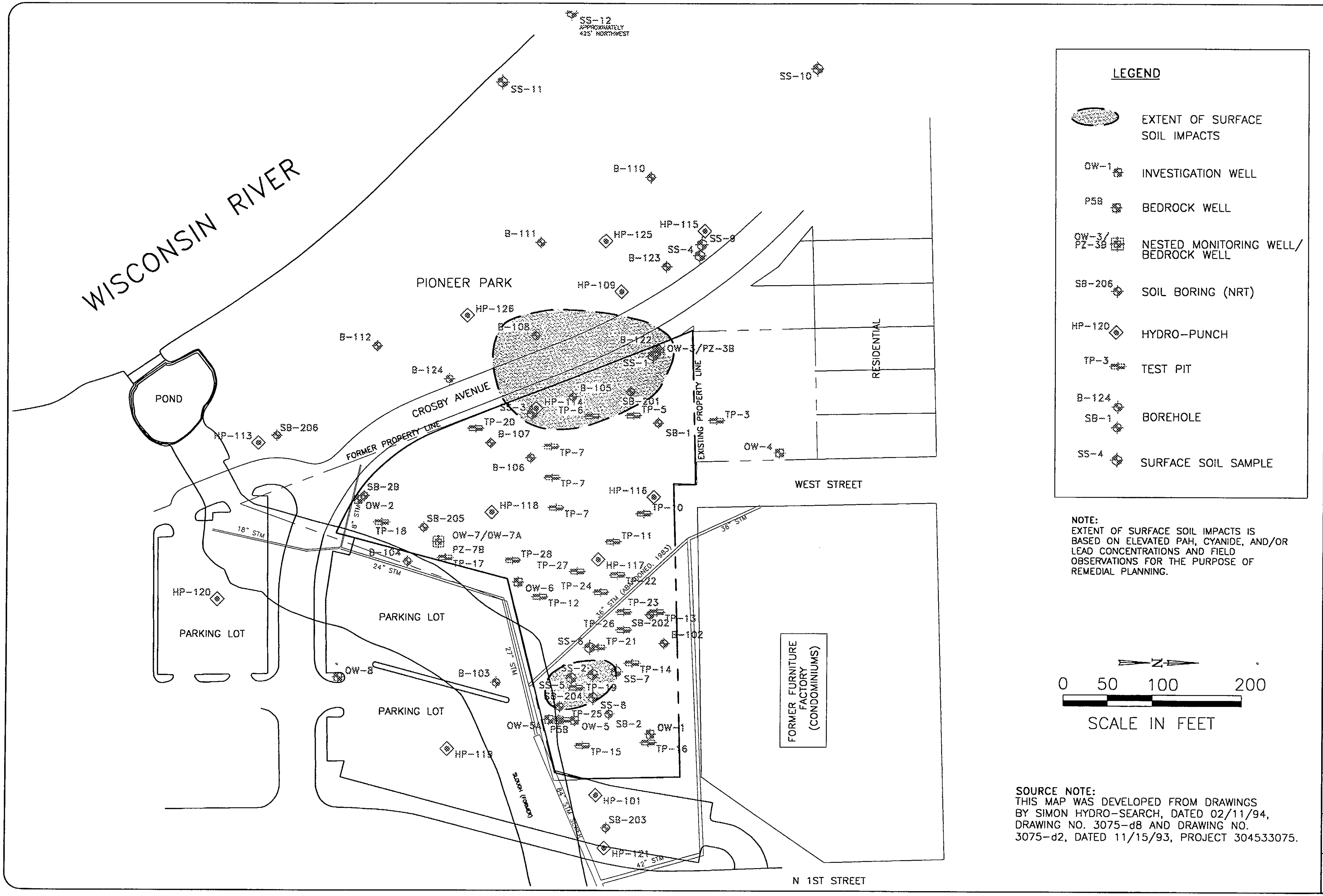
REMEDIAL ACTION OPTIONS REPORT
STEVENS POINT MGP SITE - WPSC
STEVENS POINT, WISCONSIN

Natural Resource Technology

PROJECT NO.
1177/2.6/STPT

DRAWING NO.
1177-B02

FIGURE NO.
3



NOTE:
EXTENT OF SURFACE SOIL IMPACTS IS BASED ON ELEVATED PAH, CYANIDE, AND/OR LEAD CONCENTRATIONS AND FIELD OBSERVATIONS FOR THE PURPOSE OF REMEDIAL PLANNING.

SOURCE NOTE:
THIS MAP WAS DEVELOPED FROM DRAWINGS BY SIMON HYDRO-SEARCH, DATED 02/11/94, DRAWING NO. 3075-d8 AND DRAWING NO. 3075-d2, DATED 11/15/93, PROJECT 304533075.

DRAWN BY: TAS	DATE: 8/28/97
CHECKED BY: DVP/JAG	DATE: 8/28/97
APPROVED BY:	DATE:
AUTOCAD FILE: 1177-B04.DWG	

EXTENT OF SURFACE SOIL IMPACTS

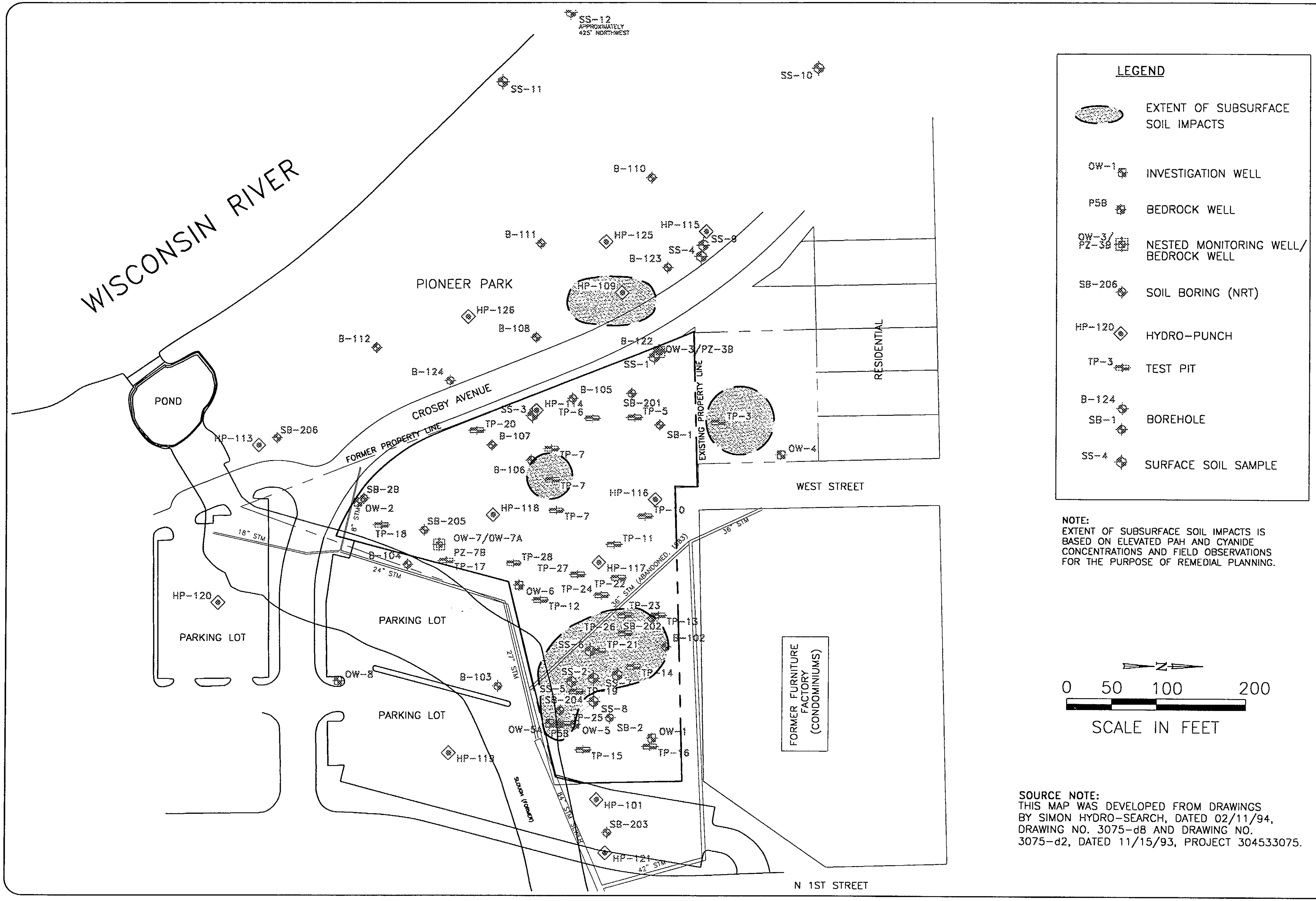
REMEDIAL ACTION OPTIONS REPORT
STEVENS POINT MGP SITE - WPSC
STEVENS POINT, WISCONSIN

Natural
Resource
Technology

PROJECT NO.
1177/2.6/STPT

DRAWING NO.
1177-B04

FIGURE NO.
4



NOTE:
EXTENT OF SUBSURFACE SOIL IMPACTS IS BASED ON ELEVATED PAH AND CYANIDE CONCENTRATIONS AND FIELD OBSERVATIONS FOR THE PURPOSE OF REMEDIAL PLANNING.

SOURCE NOTE:
THIS MAP WAS DEVELOPED FROM DRAWINGS BY SIMON HYDRO-SEARCH, DATED 02/11/94, DRAWING NO. 3075-d8 AND DRAWING NO. 3075-d2, DATED 11/15/93, PROJECT 304533075.

DRAWN BY: TAS DATE: 8/28/97
CHECKED BY: DVP/JAG DATE: 8/28/97
APPROVED BY: DATE:
AUTOCAD FILE: 1177-B05.DWG

EXTENT OF SUBSURFACE SOIL IMPACTS

REMEDIAL ACTION OPTIONS REPORT
STEVENS POINT MGP SITE - WPSC
STEVENS POINT, WISCONSIN

Natural Resource Technology

PROJECT NO.
1177/2.6/STPT

DRAWING NO.
1177-B05

FIGURE NO.
5

Table 2 - Soil Analytical Results - BTEX, Cyanide, Lead
Remedial Action Options Report
Wisconsin Public Service Corporation
Stevens Point Former Manufactured Gas Plant Site

			(mg/kg)							
Location	Depth (feet, except as noted)	Date	Benzene	Ethylbenzene	Toluene	Xylenes (total)	Cyanide (Total)	Cyanide (Amenable)	Cyanide (Dissociable)	Lead
HP-101	1-3	6/8/93	nd	nd	nd	nd	nd	-	-	-
B-102	0-2	6/10/93	nd	nd	0.2	0.9	0.61	-	nd	-
B-103	3-5	6/10/93	nd	nd	nd	nd	-	-	-	-
B-104	5-7	6/10/93	nd	nd	nd	nd	-	-	-	-
B-105	0-2	6/9/93	-	-	-	-	-	-	-	100
B-106	0-2	6/9/93	-	-	-	-	-	-	-	34
B-107	0-2	6/9/93	-	-	-	-	-	-	-	12
B-108	0-0.5	6/9/93	-	-	-	-	nd	-	-	-
	1-2	6/9/93	-	-	-	-	905	-	81	-
HP-109	0-0.5	6/9/93	-	-	-	-	nd	-	-	-
	5-6	6/9/93	-	-	-	-	897	-	120	-
B-110	0-0.5	6/9/93	-	-	-	-	nd	-	-	-
	1-2	6/9/93	-	-	-	-	nd	-	-	-
B-111	0-0.5	6/9/93	-	-	-	-	nd	-	-	-
	1-2	6/9/93	-	-	-	-	nd	-	-	-
B-112	0-0.5	6/9/93	-	-	-	-	nd	-	-	-
	2-3	6/9/93	-	-	-	-	0.95	-	nd	-
B-113	0-0.5	6/9/93	-	-	-	-	0.56	-	nd	-
	4-6	6/9/93	-	-	-	-	nd	-	-	-
HP-121	2-4	9/13/93	-	-	-	-	nd	-	-	-
B-122	4-6	9/14/93	-	-	-	-	22	-	8.7	-
B-123	4-6	9/14/93	-	-	-	-	39	-	12	-
B-124	4-6	9/14/93	-	-	-	-	3.2	-	0.78	-
HP-125	4-6	9/14/93	-	-	-	-	5.3	-	0.82	-
HP-126	4-6	9/14/93	-	-	-	-	13	-	4.8	-
TP-5	4	7/10/90	-	-	-	-	3.7	-	-	-
TP-6	7	7/10/90	-	-	-	-	2.5	-	-	-
TP-7	5	7/10/90	-	-	-	-	57.5	-	-	-
TP-10	6	7/10/90	-	-	-	-	nd	-	-	-
TP-11	5	7/10/90	-	-	-	-	nd	-	-	-
TP-12	4	7/10/90	-	-	-	-	26.8	-	-	-
TP-15	13.5	7/19/90	-	-	-	-	13	-	-	-
TP-17	4.5	7/10/90	-	-	-	-	7.7	-	-	-
TP-18	4	7/10/90	-	-	-	-	7.5	-	-	-
Interim and Preliminary Guidance Levels										
US EPA Residential PRGs			0.63	230	790	320	ns	ns	1,300*	400
US EPA Industrial PRGs			1.4	230	880	320	ns	ns	1,400*	1,000
NR 720.19 Generic RCLs			0.0055	2.9	1.5	4.1	ns	ns	ns	50/500**

Table 2, continued - Soil Analytical Results - BTEX, Cyanide, Lead
Stevens Point Former Manufactured Gas Plant Site

			(mg/kg)							
Location	Depth (feet, except as noted)	Date	Benzene	Ethylbenzene	Toluene	Xylenes (total)	Cyanide (Total)	Cyanide (Amenable)	Cyanide (Dissociable)	Lead
TP-20	4	7/10/90	-	-	-	-	0.4	-	-	-
TP-23	10	7/19/90	-	-	-	-	110	-	-	-
TP-24	6	7/19/90	-	-	-	-	3.1	-	-	-
TP-25	10	7/19/90	-	-	-	-	1.9	-	-	-
TP-26	2	7/19/90	-	-	-	-	0.8	-	-	-
SS-1	surface	5/23/85	-	-	-	-	nd	nd	-	4.4
	6-18"	5/23/85	-	-	-	-	nd	nd	-	21
SS-2	surface	5/23/85	-	-	-	-	0.69	nd	-	31
	6-18"	5/23/85	-	-	-	-	850	100	-	35
SS-3	surface	5/23/85	-	-	-	-	nd	nd	-	50
	6-18"	5/23/85	-	-	-	-	4.2	1.2	-	480
SS-4	surface	5/23/85	-	-	-	-	nd	nd	-	65
	6-18"	5/23/85	-	-	-	-	0.28	nd	-	26
SS-5	0-4"	10/29/85	-	-	-	-	nd	nd	-	-
	4-12"	10/29/85	-	-	-	-	51	nd	-	-
	12-24"	10/29/85	-	-	-	-	130	nd	-	-
SS-6	0-4"	10/29/85	-	-	-	-	nd	nd	-	-
	4-12"	10/29/85	-	-	-	-	9.5	nd	-	-
	12-24"	10/29/85	-	-	-	-	9.8	nd	-	-
SS-7	0-4"	10/29/85	-	-	-	-	4.4	nd	-	-
	4-12"	10/29/85	-	-	-	-	9.8	nd	-	-
	12-24"	10/29/85	-	-	-	-	9.4	nd	-	-
SS-8	0-4"	10/29/85	-	-	-	-	nd	nd	-	-
	4-12"	10/29/85	-	-	-	-	0.49	nd	-	-
	12-24"	10/29/85	-	-	-	-	2.3	nd	-	-
SS-9	4" compos.	10/29/85	-	-	-	-	0.2	nd	-	-
SS-10	4" compos.	10/29/85	-	-	-	-	0.2	nd	-	-
SS-11	4" compos.	10/29/85	-	-	-	-	1.4	nd	-	-
SS-12	4" compos.	10/29/85	-	-	-	-	0.2	nd	-	-
PZ-3B	30-32	6/25/96	nd	nd	nd	nd	--	--	--	--
PZ-7B	30-35	6/25/96	nd	nd	nd	nd	--	--	--	-
__Interim and Preliminary Guidance Levels__										
US EPA Residential PRGs			0.63	230	790	320	ns	ns	1,300*	400
US EPA Industrial PRGs			1.4	230	880	320	ns	ns	1,400*	1,000
NR 720.19 Generic RCLs			0.0055	2.9	1.5	4.1	ns	ns	ns	50/500**

Notes:

nd = parameter not detected above laboratory detection limit.

- = parameter not analyzed.

PRG = US EPA Region 9 Preliminary Remediation Goals for direct contact.

RCL = WDNR generic Residual Contaminant Level.

ns = no guidance level has been established for parameter.

*Assumes all dissociable cyanide as free cyanide.

**NR 720 direct contact RCL for lead is 50 mg/kg for non-industrial and 500 mg/kg for industrial land use.

Table 3 - Soil Analytical Results - PAHs
Remedial Action Options Report
Wisconsin Public Service Corporation
Stevens Point Former Manufactured Gas Plant Site

Location	Depth (feet, except as noted)	Date	POLYNUCLEAR AROMATIC HYDROCARBONS (mg/kg)																Total PAHs (mg/kg)
			Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Benzo(a)pyrene	Benzo(ghi)perylene	Chrysene	Dibenzo(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Naphthalene	Phenanthrene	Pyrene	
HP-101	1-3	6/8/93	nd	nd	0.219	nd	0.322	0.012	0.645	0.207	0.084	nd	4.03	nd	0.311	5.76	2.65	3.34	17.6
HP-121	2-4	9/13/93	nd	nd	0.67	1.5	nd	nd	nd	nd	1.5	nd	5.0	0.1	nd	nd	2.0	3.8	14.6
B-102	0-2	6/10/93	nd	nd	1.47	7.86	7.37	4.42	19.6	8.23	5.65	1.35	16	0.147	13.5	5.53	5.77	9.09	106.0
B-103	3-5	6/10/93	nd	nd	1.04	1.98	1.25	0.71	1.78	nd	1.88	1.46	7.52	0.502	0.167	0.167	4.08	5.75	28.3
B-104	5-7	6/10/93	nd	nd	0.576	1.49	1.28	0.79	2.13	1.39	1.39	nd	4.16	0.374	1.6	0.097	2.13	2.99	20.4
TP-3	7	12/28/90	nd	nd	nd	0.029	0.011	0.024	nd	0.135	0.029	nd	0.011	nd	nd	0.061	0.021	0.037	0.4
	8	12/28/90	355	120	2.4	34	29	19.7	11.2	7.96	10.7	27.8	16.1	41	5.14	41.2	6.72	18.5	746.4
TP-6	7	7/10/90	0.00198	0.00452	0.921	1.27	2.11	1.37	7.64	1.01	1.47	8.41	2.31	0.791	12.2	0.116	0.657	4.5	44.8
TP-7	5	7/10/90	2.89	41	4.98	4.73	10.6	6.62	2.72	0.81	5.3	66.2	7.13	7.13	37.4	0.776	3.63	14.2	216.1
TP-15	13.5	7/19/90	0.0063	0.033	0.011	0.0073	0.01	0.0067	0.037	0.0056	0.008	0.011	0.017	0.015	0.018	nd	0.0044	0.029	0.2
TP-18	4	7/10/90	0.00035	0.00139	0.0115	0.0121	0.0163	0.0042	0.0065	0.00209	0.009	0.0038	0.0213	0.00094	0.00355	0.00055	0.00405	0.014	0.1
TP-23	10	7/19/90	0.0075	0.062	0.011	0.011	0.013	0.0074	0.025	0.0061	0.011	0.052	0.022	0.013	0.024	0.0011	0.0052	0.046	0.3
TP-25	10	7/19/90	0.0038	0.07	0.0073	0.0076	0.015	0.0074	0.027	0.0088	0.009	0.048	0.015	0.013	0.021	nd	0.0041	0.025	0.3
SS-1	surface	5/23/85	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	0
	6-18"	5/23/85	nd	nd	1.6	8.9	nd	35	23	5.6	8.3	6.2	nd	14	5.5	nd	5.3	13	126.4
SS-2	surface	5/23/85	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	0
	6-18"	5/23/85	nd	3.7	3.5	90	nd	130	91	45	nd	43	87	nd	68	6.6	31	73	671.8
SS-3	surface	5/23/85	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	1.8	nd	nd	nd	1.1	1.7	4.6
	6-18"	5/23/85	nd	nd	nd	2.0	nd	7.5	4.1	3.1	2.7	2.4	4.6	nd	2.7	nd	1.1	nd	30.2
SS-4	surface	5/23/85	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	0
	6-18"	5/23/85	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	0
PZ-3B	30-32	6/25/96	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	0
PZ-7B	30-35	6/25/96	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	0
			INTERIM AND PRELIMINARY GUIDANCE LEVELS																
Groundwater Pathway RCL			38	0.7	3,000	17	360	870	48	6,800	37	38	500	100	680	0.4	1.8	8,700	ns
Direct Contact Pathway-Non-industrial RCL			900	18	5,000	0.088	0.088	0.88	0.0088	1.8	8.8	0.0088	600	600	0.088	20	18	500	ns
Direct Contact Pathway-Industrial RCL			60,000	360	300,000	3.9	3.9	39	0.39	39	390	0.39	40,000	40,000	3.9	110	390	30,000	ns
US EPA Residential PRGs			110	ns	5.7	0.61	0.61	6.1	0.061	ns	7.2	0.061	2,600	90	0.61	240	ns	100	ns
US EPA Industrial PRGs			110	ns	5.7	2.6	2.6	26	0.26	ns	7.2	0.26	27,000	90	2.6	240	ns	100	ns

Notes:

nd = parameter not detected above laboratory detection limit.

Detection limits for 1985 samples = 1 mg/kg for all compounds.

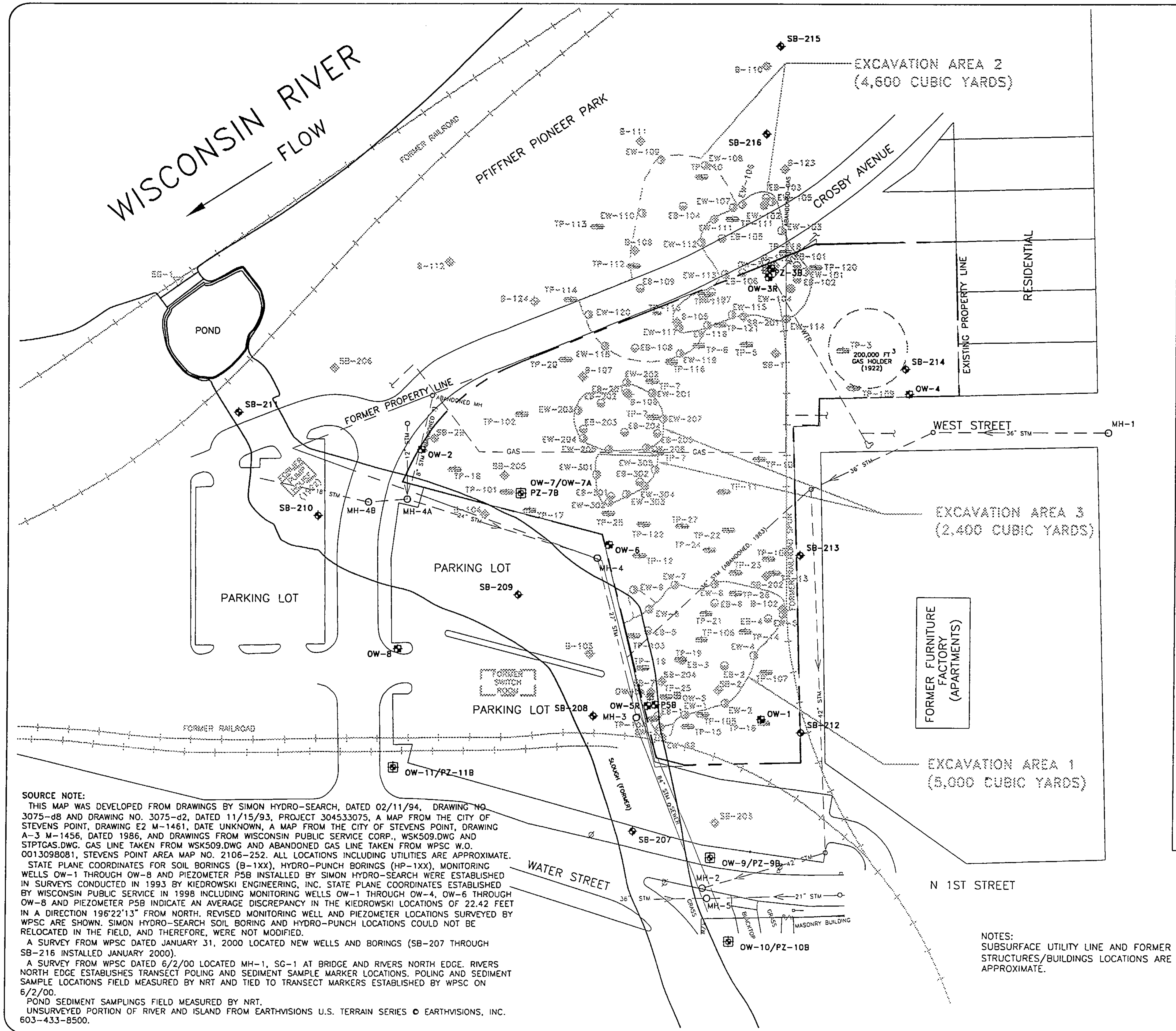
RCLs (generic Residual Contaminant Levels) are suggested levels only, published in WDNR *Soil Cleanup Levels for PAHs - Interim Guidance,* April 1997.

PRG = US EPA Region 9 Preliminary Remediation Goals for direct contact.

ns = no guidance level has been established for parameter.

APPENDIX B

FIGURES 2 THROUGH 5 AND TABLES 5 AND 6 (SUPPLEMENTAL SITE INVESTIGATION AND GROUNDWATER MONITORING REPORT)



SOURCE NOTE:

THIS MAP WAS DEVELOPED FROM DRAWINGS BY SIMON HYDRO-SEARCH, DATED 02/11/94. DRAWING NO. 3075-d8 AND DRAWING NO. 3075-d2, DATED 11/15/93, PROJECT 304533075, A MAP FROM THE CITY OF STEVENS POINT, DRAWING E2 M-1461, DATE UNKNOWN, A MAP FROM THE CITY OF STEVENS POINT, DRAWING A-3 M-1456, DATED 1986, AND DRAWINGS FROM WISCONSIN PUBLIC SERVICE CORP., WSK509.DWG AND STPTGAS.DWG. GAS LINE TAKEN FROM WSK509.DWG AND ABANDONED GAS LINE TAKEN FROM WPSC W.O. 0013098081, STEVENS POINT AREA MAP NO. 2106-252. ALL LOCATIONS INCLUDING UTILITIES ARE APPROXIMATE.

STATE PLANE COORDINATES FOR SOIL BORINGS (B-1XX), HYDRO-PUNCH BORINGS (HP-1XX), MONITORING WELLS OW-1 THROUGH OW-8 AND PIEZOMETER P5B INSTALLED BY SIMON HYDRO-SEARCH WERE ESTABLISHED IN SURVEYS CONDUCTED IN 1993 BY KIEDROWSKI ENGINEERING, INC. STATE PLANE COORDINATES ESTABLISHED BY WISCONSIN PUBLIC SERVICE IN 1998 INCLUDING MONITORING WELLS OW-1 THROUGH OW-4, OW-6 THROUGH OW-8 AND PIEZOMETER P5B INDICATE AN AVERAGE DISCREPANCY IN THE KIEDROWSKI LOCATIONS OF 22.42 FEET IN A DIRECTION 196°22'13" FROM NORTH. REVISED MONITORING WELL AND PIEZOMETER LOCATIONS SURVEYED BY WPSC ARE SHOWN. SIMON HYDRO-SEARCH SOIL BORING AND HYDRO-PUNCH LOCATIONS COULD NOT BE RELOCATED IN THE FIELD, AND THEREFORE, WERE NOT MODIFIED.

A SURVEY FROM WPSC DATED JANUARY 31, 2000 LOCATED NEW WELLS AND BORINGS (SB-207 THROUGH SB-216 INSTALLED JANUARY 2000).

A SURVEY FROM WPSC DATED 6/2/00 LOCATED MH-1, SG-1 AT BRIDGE AND RIVERS NORTH EDGE. RIVERS NORTH EDGE ESTABLISHES TRANSECT POLING AND SEDIMENT SAMPLE MARKER LOCATIONS. POLING AND SEDIMENT SAMPLE LOCATIONS FIELD MEASURED BY NRT AND TIED TO TRANSECT MARKERS ESTABLISHED BY WPSC ON 6/2/00.

POND SEDIMENT SAMPLINGS FIELD MEASURED BY NRT.

UNSURVEYED PORTION OF RIVER AND ISLAND FROM EARTHVISIONS U.S. TERRAIN SERIES © EARTHVISIONS, INC. 603-433-8500.

NOTES:
SUBSURFACE UTILITY LINE AND FORMER STRUCTURES/BUILDINGS LOCATIONS ARE APPROXIMATE.

LEGEND

SB-207	SOIL BORING (NRT)
OW-1	INVESTIGATION WELL
P5B	BEDROCK WELL
OW-9/ PZ-9B	NESTED MONITORING WELL/ BEDROCK WELL
	DEEP EXCAVATION (AVERAGE DEPTH IS 9-10 FEET)
	SHALLOW EXCAVATION (AVERAGE DEPTH IS 2 FEET)
SG-1 ▽	STAFF GAUGE
EB-1	EXCAVATION BASE SAMPLE
EB-3	SOIL SAMPLE WHICH WAS EXCAVATED
EW-1	EXCAVATION WALL SAMPLE
OW-3	ABANDONED INVESTIGATION WELL
SB-206	SOIL BORING (HISTORICAL NRT)
B-124 SB-1	BOREHOLE
TP-3	TEST PIT
MH-1 ○	STORM SEWER MANHOLE
	HYDRANT
Ø	UTILITY POLE
— — WTR — —	WATER LINE
— — GAS — —	GAS LINE
— — STM — —	STORM SEWER
MGP	MANUFACTURED GAS PLANT
	FORMER BUILDINGS
	FORMER MGP PROCESS STRUCTURES
	FORMER RAILROAD

N

0 50 100 200

SCALE IN FEET

DRAWN BY: TAS DATE: 03/21/02
CHECKED BY: RJC DATE: 03/21/02
APPROVED BY: LLP DATE: 04/11/02
AUTOCAD FILE: 1177-B20.DWG

SOIL BORING, MONITORING WELL AND STORM SEWER SAMPLE LOCATIONS

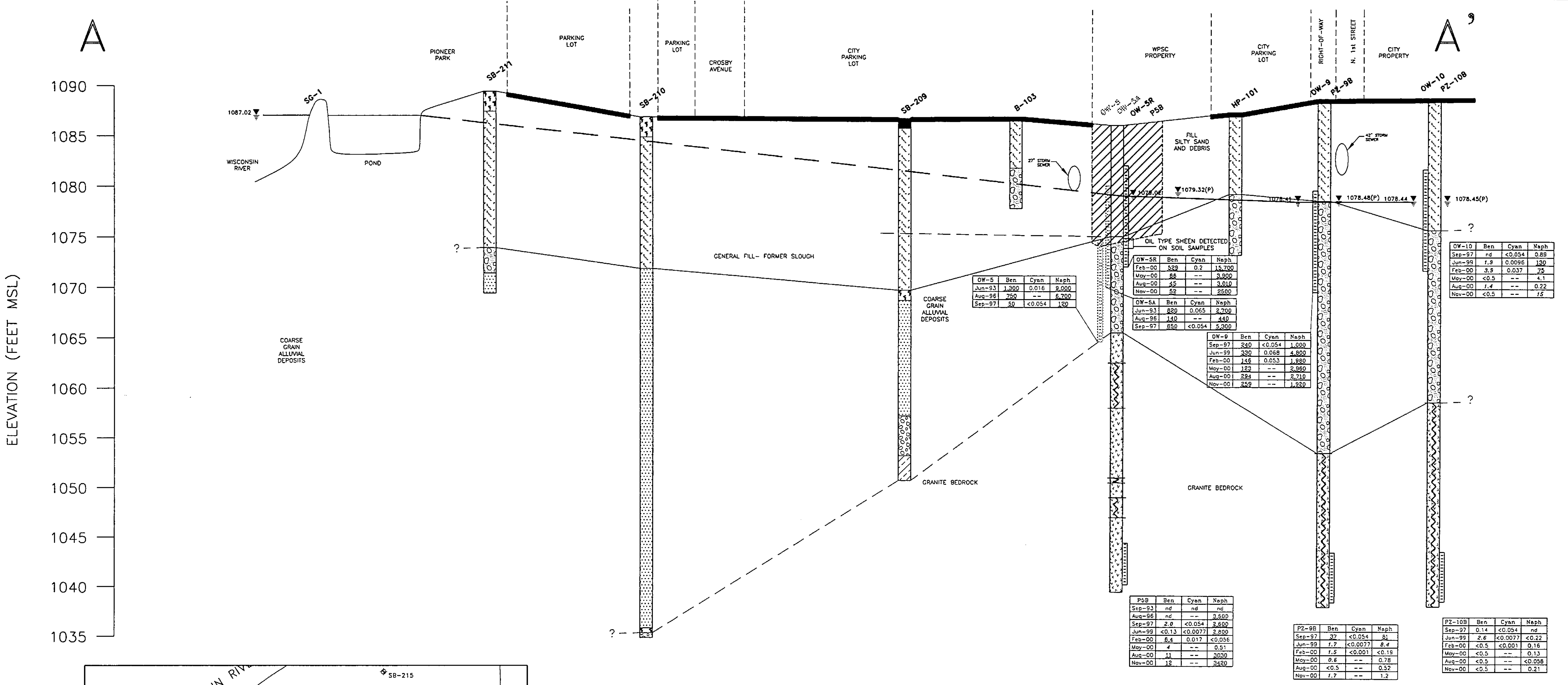
SUPPLEMENTAL SITE INVESTIGATION
AND GROUNDWATER MONITORING REPORT
WISCONSIN PUBLIC SERVICE CORPORATION
FORMER MANUFACTURED GAS PLANT, STEVENS POINT, WISCONSIN

Natural
Resource
Technology

PROJECT NO.
1177/12.4/STPT

DRAWING NO.
1177-B20

FIGURE NO.
2



OW-5	Ben	Cyan	Naph
Jun-93	1,300	0.016	9,000
Aug-96	750	--	6,700
Sep-97	50	<0.054	120

OW-5R	Ben	Cyan	Naph
Feb-00	529	0.2	15,700
May-00	66	--	3,800
Aug-00	45	--	3,010
Nov-00	52	--	2500

OW-5A	Ben	Cyan	Naph
Jun-93	820	0.065	2,700
Aug-96	140	--	440
Sep-97	850	<0.054	5,300

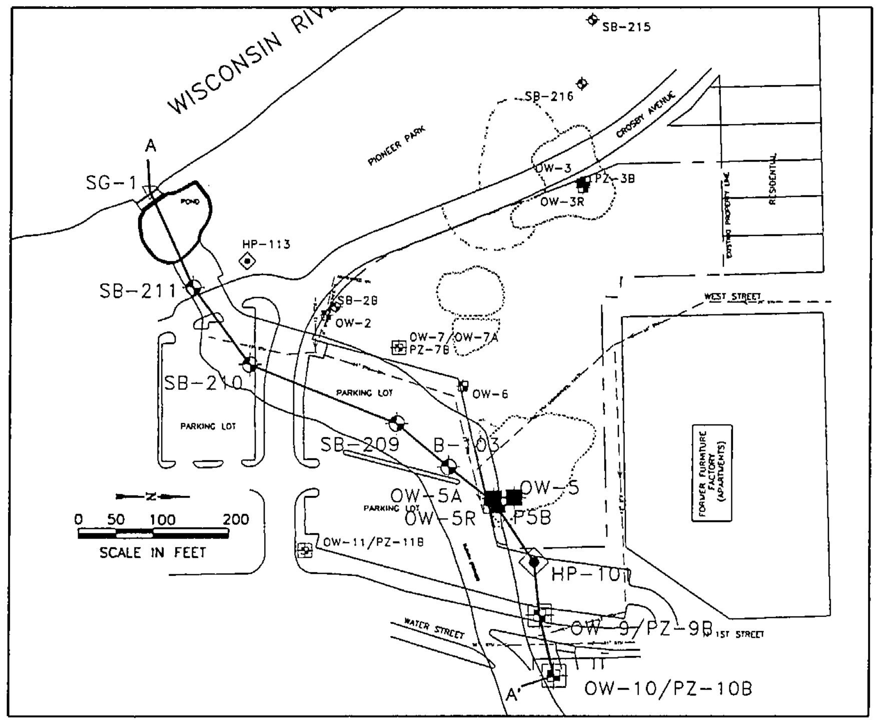
OW-9	Ben	Cyan	Naph
Sep-97	240	<0.054	1,000
Jun-99	330	0.068	4,800
Feb-00	146	0.053	1,980
May-00	123	--	2,960
Aug-00	294	--	2,710
Nov-00	259	--	1,920

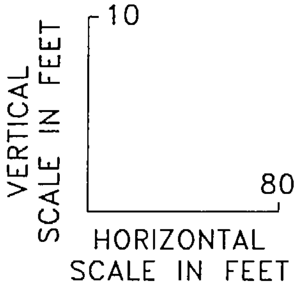
OW-10	Ben	Cyan	Naph
Sep-97	nd	<0.054	0.89
Jun-99	*1.9*	0.0096	130
Feb-00	*3.9*	0.037	75
May-00	<0.5	--	4.1
Aug-00	*1.4*	--	0.22
Nov-00	<0.5	--	*15*

P5B	Ben	Cyan	Naph
Sep-93	nd	nd	nd
Aug-96	nd	--	3,500
Sep-97	*2.0*	<0.054	2,600
Jun-99	<0.13	<0.0077	2,800
Feb-00	6.4	0.017	<0.056
May-00	*4*	--	0.51
Aug-00	11	--	3030
Nov-00	12	--	3420

PZ-9B	Ben	Cyan	Naph
Sep-97	37	<0.054	81
Jun-99	*1.7*	<0.0077	*8.4*
Feb-00	*1.5*	<0.001	<0.19
May-00	*0.6*	--	0.78
Aug-00	<0.5	--	0.52
Nov-00	*1.7*	--	1.2

PZ-10B	Ben	Cyan	Naph
Sep-97	0.14	<0.054	nd
Jun-99	*2.6*	<0.0077	<0.22
Feb-00	<0.5	<0.001	0.16
May-00	<0.5	--	0.13
Aug-00	<0.5	--	<0.058
Nov-00	<0.5	--	0.21





VERTICAL EXAGGERATION = 8

LEGEND

- ▨ GENERAL FILL
- ▨ SAND WITH GRAVEL/ GRAVEL WITH SAND
- ▨ GRAVEL
- ▨ ORGANIC
- ▨ SILTY SAND
- ▨ EXCAVATION BACKFILL
- ⌇ FRACTURED ZONE
- ▨ SAND
- ▨ SILT
- ■ ASPHALT
- ▨ LEAN CLAY
- ▨ GRANITE
- ▯ SCREENED INTERVAL

———	WATER TABLE ELEVATION 11/21/00
1080.26 ▼	SHALLOW WATER LEVEL ELEVATION ON 11/21/00
1082.65(P) ▼	PIEZOMETRIC WATER LEVEL ELEVATION ON 11/21/00

Well Number	Benzene	Total Cyanide	Naphthalene
Date Sampled	µg/L	mg/L	µg/L

ND	NOT DETECTED
--	NOT ANALYZED
µg/L	MICROGRAMS PER LITER
mg/L	MILLIGRAMS PER LITER
2.1	EXCEEDS NR 140 PREVENTIVE ACTION LIMIT
7.0	EXCEEDS NR 140 ENFORCEMENT STANDARDS

NOTES:

1. PORTIONS OF CROSS SECTION BASED ON PREVIOUS BORINGS AND DRAWING NO. 3075-D10 BY SIMON HYDRO-SEARCH, DATED 11/93 WITH REINTERPRETATION BY NRT.
2. BEDROCK BORING P5B INSTALLED BY SIMON HYDRO-SEARCH USING WATER ROTARY METHOD WITH FRACTURE ZONES AS NOTED. BEDROCK BORINGS PZ-7B, PZ-9B, PZ-10B AND PZ-11B INSTALLED BY NRT USING SONIC METHOD AND CORE SAMPLING WITH FRACTURES AS NOTED.
3. CROSS SECTION REPRESENTS A GENERALIZED INTERPRETATION OF SUBSURFACE CONDITIONS. STRATUM LINES ARE BASED ON INTERPOLATION BETWEEN BORINGS AND MAY NOT REPRESENT ACTUAL SUBSURFACE CONDITIONS. FOR A DETAILED DESCRIPTION OF INDIVIDUAL BORINGS, REFER TO SOIL BORING LOGS IN PREVIOUS REPORTS.
4. GROUNDWATER ELEVATIONS SHOWN ARE APPROXIMATE BASED ON MEASUREMENTS BY NRT.

Natural
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GEOLOGIC CROSS SECTION A-A'

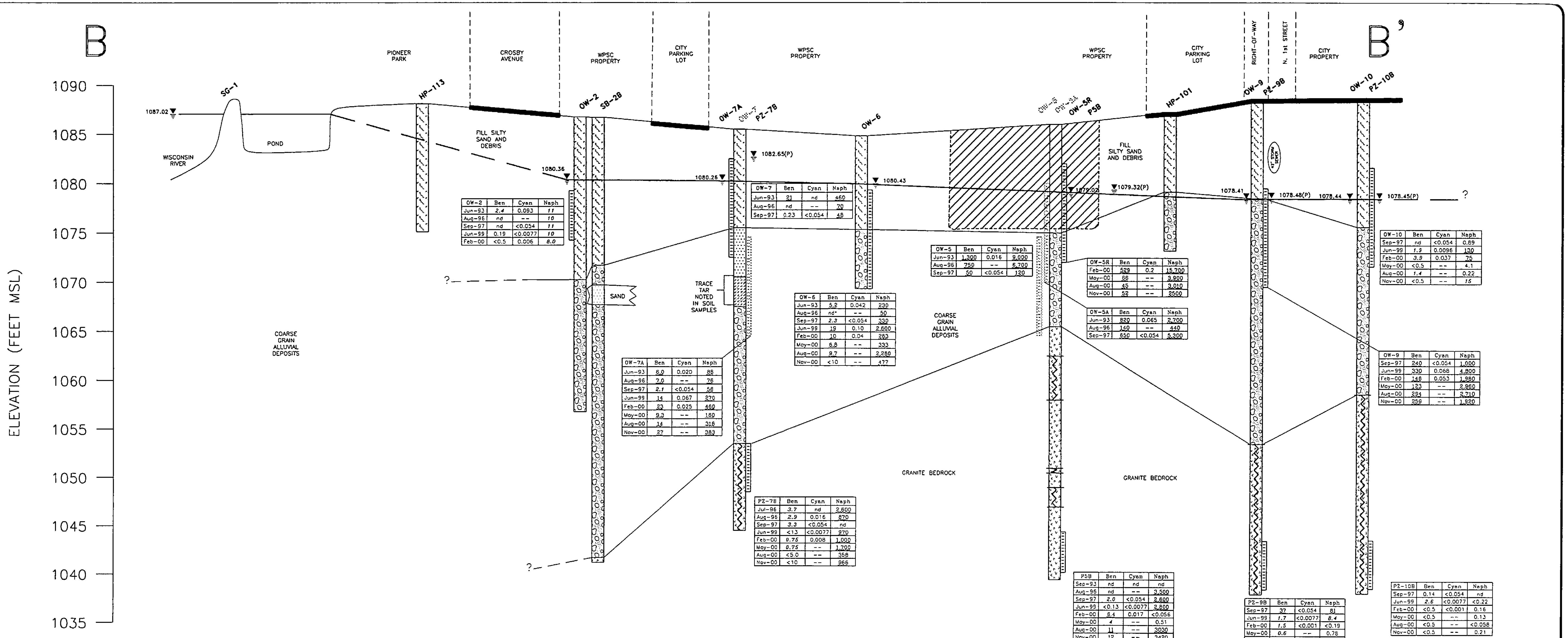
SUPPLEMENTAL SITE INVESTIGATION
AND GROUNDWATER MONITORING REPORT
WISCONSIN PUBLIC SERVICE CORPORATION
FORMER MANUFACTURED GAS PLANT, STEVENS POINT, WISCONSIN

DRAWN BY: TAS	CHECKED BY: RJC	APPROVED BY: LLP
DATE: 03/21/02	DATE: 03/21/02	DATE: 04/11/02

PROJECT NO.
1177/12.4/STPT

DRAWING NO.
1177-B34

FIGURE NO.
3



OW-2	Ben	Cyan	Naph
Jun-93	*2.4*	0.093	*11*
Aug-96	nd	--	*10*
Sep-97	nd	<0.054	*11*
Jun-99	0.19	<0.0077	*10*
Feb-00	<0.5	0.006	*8.0*

OW-7	Ben	Cyan	Naph
Jun-93	21	nd	460
Aug-96	nd	--	70
Sep-97	0.23	<0.054	48

OW-7A	Ben	Cyan	Naph
Jun-93	6.0	0.020	88
Aug-96	7.0	--	76
Sep-97	*2.1*	<0.054	56
Jun-99	14	0.067	270
Feb-00	23	0.025	460
May-00	9.3	--	180
Aug-00	14	--	316
Nov-00	27	--	383

OW-6	Ben	Cyan	Naph
Jun-93	5.2	0.042	230
Aug-96	nd*	--	50
Sep-97	*2.3*	<0.054	330
Jun-99	19	0.10	2,600
Feb-00	10	0.04	283
May-00	6.8	--	333
Aug-00	9.7	--	2,280
Nov-00	<10	--	477

OW-5	Ben	Cyan	Naph
Jun-93	1,300	0.016	9,000
Aug-96	750	--	6,700
Sep-97	50	<0.054	120

OW-5R	Ben	Cyan	Naph
Feb-00	528	0.2	15,700
May-00	66	--	3,800
Aug-00	45	--	3,010
Nov-00	52	--	2500

OW-5A	Ben	Cyan	Naph
Jun-93	820	0.065	2,700
Aug-96	140	--	440
Sep-97	650	<0.054	5,300

PZ-7B	Ben	Cyan	Naph
Jul-96	*3.7*	nd	2,600
Aug-96	*2.9*	0.016	870
Sep-97	*3.3*	<0.054	nd
Jun-99	<13	<0.0077	970
Feb-00	*0.75*	0.008	1,000
May-00	*0.75*	--	1,700
Aug-00	<5.0	--	358
Nov-00	<10	--	966

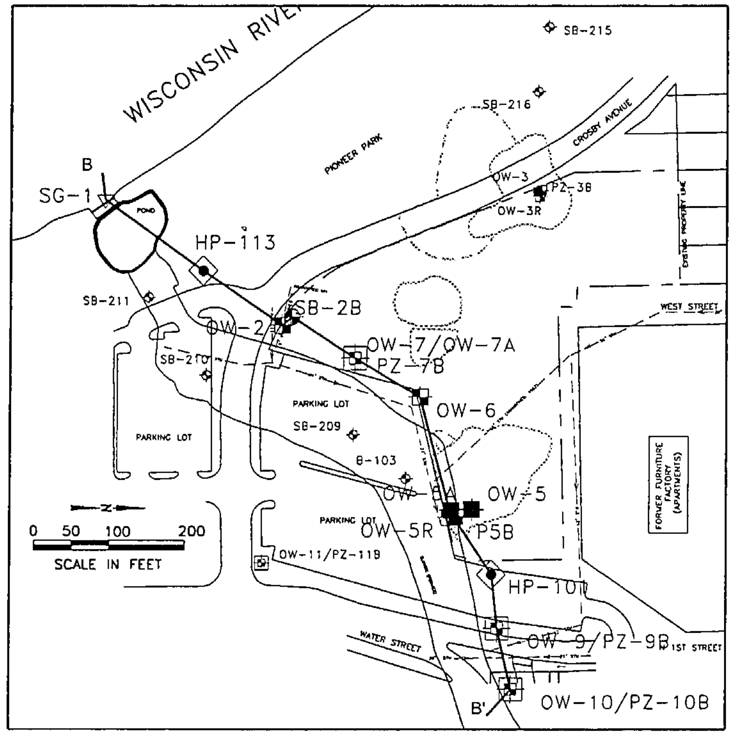
P5B	Ben	Cyan	Naph
Sep-93	nd	nd	nd
Aug-96	nd	--	3,500
Sep-97	*2.0*	<0.054	2,600
Jun-99	<0.13	<0.0077	2,800
Feb-00	6.4	0.017	<0.056
May-00	*4*	--	0.51
Aug-00	11	--	3030
Nov-00	12	--	3420

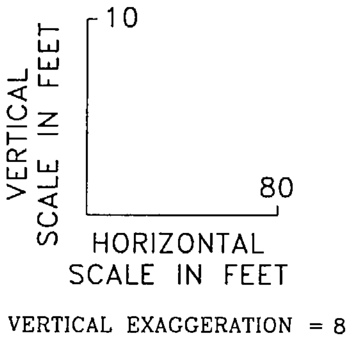
PZ-9B	Ben	Cyan	Naph
Sep-97	37	<0.054	81
Jun-99	*1.7*	<0.0077	*8.4*
Feb-00	*1.5*	<0.001	<0.19
May-00	*0.6*	--	0.78
Aug-00	<0.5	--	0.52
Nov-00	*1.7*	--	1.2

OW-10	Ben	Cyan	Naph
Sep-97	nd	<0.054	0.89
Jun-99	*1.9*	0.0096	130
Feb-00	*3.9*	0.037	75
May-00	<0.5	--	4.1
Aug-00	*1.4*	--	0.22
Nov-00	<0.5	--	*15*

OW-9	Ben	Cyan	Naph
Sep-97	240	<0.054	1,000
Jun-99	330	0.068	4,800
Feb-00	148	0.053	1,980
May-00	123	--	2,860
Aug-00	294	--	2,710
Nov-00	259	--	1,920

PZ-10B	Ben	Cyan	Naph
Sep-97	0.14	<0.054	nd
Jun-99	*2.6*	<0.0077	<0.22
Feb-00	<0.5	<0.001	0.16
May-00	<0.5	--	0.13
Aug-00	<0.5	--	<0.058
Nov-00	<0.5	--	0.21





VERTICAL EXAGGERATION = 8

LEGEND

- ▨ GENERAL FILL
- ▨ SAND WITH GRAVEL/ GRAVEL WITH SAND
- ▨ GRAVEL
- ▨ ORGANIC
- ▨ SILTY SAND
- ▨ EXCAVATION BACKFILL
- ⌇ FRACTURED ZONE
- ▨ SAND
- ▨ SILT
- ■ ASPHALT
- ▨ LEAN CLAY
- ▨ GRANITE
- ▤ SCREENED INTERVAL
- ——— WATER TABLE ELEVATION 11/21/00
- 1080.26 ▼ SHALLOW WATER LEVEL ELEVATION ON 11/21/00
- 1082.65(P) ▼ PIEZOMETRIC WATER LEVEL ELEVATION ON 11/21/00

Well Number Date Sampled	Benzene µg/L	Total Cyanide mg/L	Naphthalene µg/L

ND	NOT DETECTED
--	NOT ANALYZED
µg/L	MICROGRAMS PER LITER
mg/L	MILLIGRAMS PER LITER
2.1	EXCEEDS NR 140 PREVENTIVE ACTION LIMIT
7.0	EXCEEDS NR 140 ENFORCEMENT STANDARDS

NOTES:

1. PORTIONS OF CROSS SECTION BASED ON PREVIOUS BORINGS AND DRAWING NO. 3075-D10 BY SIMON HYDRO-SEARCH, DATED 11/93 WITH REINTERPRETATION BY NRT.
2. BEDROCK BORING P5B INSTALLED BY SIMON HYDRO-SEARCH USING WATER ROTARY METHOD WITH FRACTURE ZONES AS NOTED. BEDROCK BORINGS PZ-7B, PZ-9B, PZ-10B AND PZ-11B INSTALLED BY NRT USING SONIC METHOD AND CORE SAMPLING WITH FRACTURES AS NOTED.
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GEOLOGIC CROSS SECTION B–B'

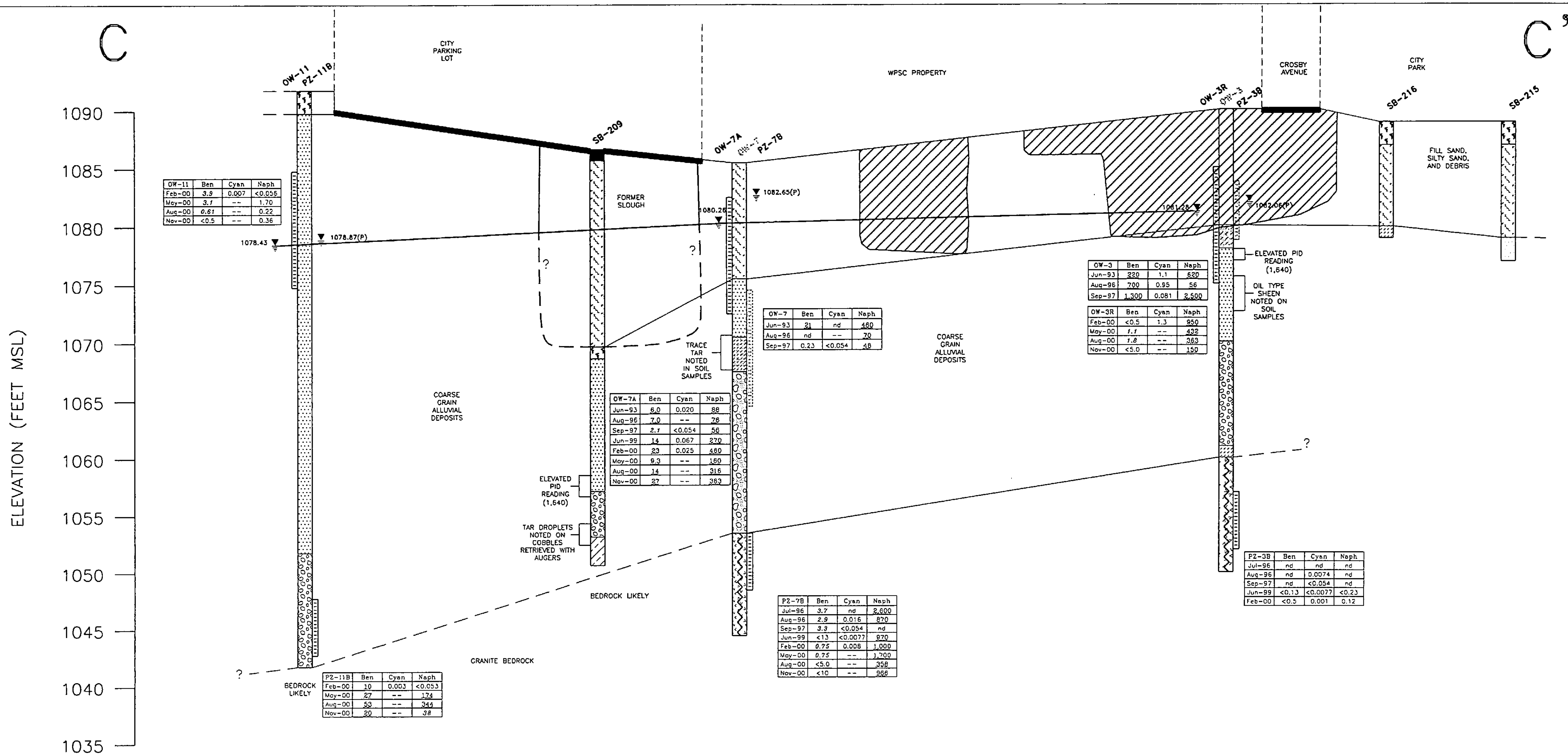
SUPPLEMENTAL SITE INVESTIGATION
AND GROUNDWATER MONITORING REPORT
WISCONSIN PUBLIC SERVICE CORPORATION
FORMER MANUFACTURED GAS PLANT, STEVENS POINT, WISCONSIN

DRAWN BY: TAS	CHECKED BY: RJC	APPROVED BY: LJP
DATE: 03/22/02	DATE: 03/22/02	DATE: 04/11/02

PROJECT NO. 1177/12.4/STPT

DRAWING NO. 1177–B33

FIGURE NO. 4



OW-11	Ben	Cyan	Naph
Feb-00	3.9	0.007	<0.056
May-00	3.1	--	1.70
Aug-00	0.61	--	0.22
Nov-00	<0.5	--	0.36

OW-7A	Ben	Cyan	Naph
Jun-93	6.0	0.020	88
Aug-96	7.0	--	76
Sep-97	2.1	<0.054	56
Jun-99	14	0.067	270
Feb-00	23	0.025	460
May-00	9.3	--	160
Aug-00	14	--	316
Nov-00	27	--	383

OW-7	Ben	Cyan	Naph
Jun-93	21	nd	460
Aug-96	nd	--	70
Sep-97	0.23	<0.054	48

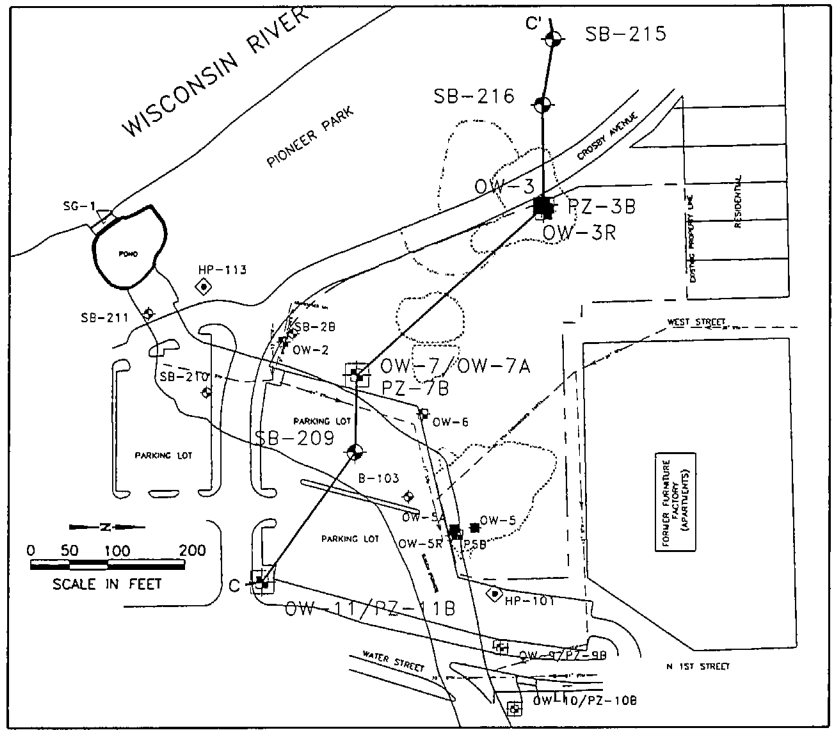
OW-3	Ben	Cyan	Naph
Jun-93	220	1.1	620
Aug-96	700	0.95	56
Sep-97	1,300	0.081	2,500

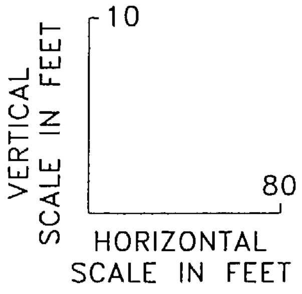
OW-3R	Ben	Cyan	Naph
Feb-00	<0.5	1.3	950
May-00	1.1	--	432
Aug-00	1.8	--	363
Nov-00	<5.0	--	150

PZ-3B	Ben	Cyan	Naph
Jul-96	nd	nd	nd
Aug-96	nd	0.0074	nd
Sep-97	nd	<0.054	nd
Jun-99	<0.13	<0.0077	<0.23
Feb-00	<0.5	0.001	0.12

PZ-7B	Ben	Cyan	Naph
Jul-96	3.7	nd	2,600
Aug-96	2.9	0.016	870
Sep-97	3.3	<0.054	nd
Jun-99	<13	<0.0077	970
Feb-00	0.75	0.008	1,000
May-00	0.75	--	1,700
Aug-00	<5.0	--	358
Nov-00	<10	--	966

PZ-11B	Ben	Cyan	Naph
Feb-00	10	0.003	<0.053
May-00	27	--	174
Aug-00	53	--	344
Nov-00	20	--	38





VERTICAL EXAGGERATION = 8

LEGEND

▨	GENERAL FILL	▨	SAND
▨	SAND WITH GRAVEL/ GRAVEL WITH SAND	▨	SILT
▨	GRAVEL	■	ASPHALT
▨	ORGANIC	▨	LEAN CLAY
▨	SILTY SAND	▨	GRANITE
▨	EXCAVATION BACKFILL	▤	SCREENED INTERVAL
⌇	FRACTURED ZONE		

—	WATER TABLE ELEVATION 11/21/00
1080.26 ▼	SHALLOW WATER LEVEL ELEVATION ON 11/21/00
1082.65(P) ▼	PIEZOMETRIC WATER LEVEL ELEVATION ON 11/21/00

Well Number	Benzene	Total Cyanide	Naphthalene
Date Sampled	µg/L	mg/L	µg/L

ND	NOT DETECTED
--	NOT ANALYZED
µg/L	MICROGRAMS PER LITER
mg/L	MILLIGRAMS PER LITER
2.1	EXCEEDS NR 140 PREVENTIVE ACTION LIMIT
7.0	EXCEEDS NR 140 ENFORCEMENT STANDARDS

PID READING=TAKEN WITH A 10.6 ev LAMP IN PARTS PERMILLION RELATIVE TO ISOBUTYENE

NOTES:

1. PORTIONS OF CROSS SECTION BASED ON PREVIOUS BORINGS AND DRAWING NO. 3075-010 BY SIMON HYDRO-SEARCH, DATED 11/93 WITH REINTERPRETATION BY NRT.
2. BEDROCK BORING P5B INSTALLED BY SIMON HYDRO-SEARCH USING WATER ROTARY METHOD WITH FRACTURE ZONES AS NOTED. BEDROCK BORINGS PZ-7B, PZ-9B, PZ-10B AND PZ-11B INSTALLED BY NRT USING SONIC METHOD AND CORE SAMPLING WITH FRACTURES AS NOTED.
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4. GROUNDWATER ELEVATIONS SHOWN ARE APPROXIMATE BASED ON MEASUREMENTS BY NRT.

Natural Resource Technology
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GEOLOGIC CROSS SECTION C-C'

SUPPLEMENTAL SITE INVESTIGATION
AND GROUNDWATER MONITORING REPORT
WISCONSIN PUBLIC SERVICE CORPORATION
FORMER MANUFACTURED GAS PLANT, STEVENS POINT, WISCONSIN

DRAWN BY: TAS	CHECKED BY: RJC	APPROVED BY: LJP
DATE: 03/21/02	DATE: 03/21/02	DATE: 04/11/02

PROJECT NO. 1177/12.4/STPT
DRAWING NO. 1177-B35
FIGURE NO. 5

Table 5. Soil Analytical Results - PAHs
Supplemental Site Investigation and Groundwater Monitoring Report
Former Stevens Point Manufactured Gas Plant Site - Wisconsin Public Service Corporation

			POLYNUCLEAR AROMATIC HYDROCARBONS (mg/kg)																		
Location	**Depth (feet^A)**	**Date**	**Naphthalene**	**Acenaphthylene**	**Acenaphthene**	**Fluorene**	**Phenanthrene**	**Anthracene**	**Fluoranthene**	**Pyrene**	**Benz(a)anthracene**	**Chrysene**	**Benzo(b)fluoranthene**	**Benzo(k)fluoranthene**	**Benzo(a)pyrene**	**Indeno(1,2,3-cd)pyrene**	**Dibenz(a,h)anthracene**	**Benzo(ghi)perylene**	**1-Methylnaphthalene**	**2-Methylnaphthalene**	**Total PAHs (mg/kg)**
Former Slough Area Samples																					
B-103	3-5	6/10/1993	0.167	nd	nd	0.502	4.08	1.04	7.52	5.75	1.98	1.88	1.25	0.71	1.78	0.167	1.46	nd	--	--	28
B-104	5-7	6/10/1993	0.097	nd	nd	0.374	2.13	0.576	4.16	2.99	1.49	1.39	1.28	0.79	2.13	1.6	nd	1.39	--	--	20
EB-1	11	4/1/1998	1.5	0.17	1.2	2.6	5.1	3.2	4.3	3.5	0.66	0.37	0.17	0.14	0.23	0.092	nd	0.097	0.51	0.16	24
EB-5	12	4/7/1998	7.6	nd	31	18	51	13	25	23	11	7.5	5.3	2.9	7.2	2.5	1.1	3.5	5.9	7.9	223
SB-207	12-14	1/17/2000	230	0.071	19.5	2.07	0.599	0.088	0.124	0.144	<0.049	<0.046	<0.038	<0.068	<0.038	<0.106	<0.097	<0.076	9.38	17	279
	18-20	1/17/2000	2.35	<0.21	0.441	<0.064	0.116	<0.017	<0.047	0.021	<0.022	<0.020	<0.017	<0.030	<0.017	<0.047	<0.043	<0.033	0.254	0.366	3.5
SB-208	6-8	1/17/2000	2.64	9.41	2.19	1.48	10.8	10.2	139	117	70.2	65.6	72.6	52.6	67	34.3	11.7	30.3	0.417	0.667	698
	18-20	1/17/2000	0.019	<0.020	0.027	0.037	0.126	0.029	0.089	0.086	<0.021	<0.019	<0.016	<0.029	<0.016	<0.044	<0.041	<0.032	<0.018	<0.018	0.4
SB-209	16-18	1/19/2000	172	2.35	36.6	18.6	61.1	19.2	56.5	39.9	19.7	20.4	14.8	18.5	19.1	8.55	3.23	8.22	27.5	41	587
	22-24	1/19/2000	0.112	0.107	0.345	0.37	2.28	0.813	2.03	1.6	0.809	0.805	0.585	0.696	0.789	0.372	0.148	0.33	0.096	0.09	12
	33-35	1/19/2000	0.193	0.031	0.176	0.174	0.862	0.294	0.67	0.587	0.251	0.248	0.177	0.199	0.223	0.108	0.047	0.099	0.059	0.102	4.5
SB-210	12-14	1/17/2000	3.51	2.12	9.35	7.7	40	11.4	43.1	31	13.1	13.1	9.32	10.5	11.6	6.49	2.86	6.13	3.06	5.04	229
	40-42	1/17/2000	0.038	0.025	0.108	0.106	0.469	0.139	0.396	0.329	0.164	0.151	0.101	0.132	0.139	0.078	<0.039	0.069	0.037	0.059	2.5
SB-211	14-16	1/19/2000	1.36	0.626	5.93	8.57	26.6	8.48	14.8	13.1	3.72	3.79	2.76	2.34	3.37	1.67	0.695	1.79	1.09	0.525	101
	18-20	1/19/2000	0.08	0.148	0.306	0.381	1.52	0.589	2.2	1.77	0.865	0.803	0.659	0.596	0.765	0.38	0.172	0.344	0.059	0.034	12
Northern Property Boundary Samples																					
SB-212	1-3	1/19/2000	<0.013	<0.017	<0.015	<0.018	0.019	<0.014	0.045	0.049	0.034	0.037	0.03	0.037	0.037	<0.039	<0.036	0.045	<0.016	<0.016	0.3
	5-7	1/19/2000	<0.021	<0.027	<0.027	<0.028	0.178	<0.022	0.034	0.021	<0.028	<0.026	<0.022	<0.039	<0.022	<0.060	<0.055	<0.043	<0.025	<0.025	0.2
SB-213	1-3	1/19/2000	0.184	0.354	0.049	0.243	0.985	0.427	1.62	1.34	0.783	0.74	0.712	0.655	0.84	0.504	0.209	0.474	0.144	0.196	10
	5-7	1/19/2000	<0.017	0.071	<0.018	0.46	0.436	0.223	0.98	0.817	0.417	0.379	0.258	0.35	0.367	0.17	0.069	0.157	<0.020	<0.020	5.2
SB-214	8-10	1/19/2000	<0.015	<0.020	<0.017	<0.021	<0.017	<0.016	<0.012	<0.016	<0.021	<0.019	<0.016	<0.029	<0.016	<0.045	<0.041	<0.032	<0.018	<0.018	nd
Pfiffner Pioneer Park and City Property Samples																					
SB-215	6-8	1/19/2000	<0.043	0.063	<0.047	<0.058	0.387	0.119	0.654	0.648	0.313	0.359	0.328	0.395	0.361	0.207	<0.114	0.234	<0.051	<0.051	4.1
SB-216	4-6	1/19/2000	1.41	1.87	0.895	1.18	9.01	5.48	31.4	28.3	18.8	21	21.7	16.4	17.6	12.1	5.02	11.2	0.332	0.402	204
B-110	0-0.5	6/9/1993	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B-123	4-6	9/14/1993	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
EB-103	9	4/20/1998	0	nd	nd	nd	0.034	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	0.035	nd
EW-105	6	4/20/1998	1.8	1.6	0.75	3.9	9.3	4.7	31	26	19	15	12	18	19	8.2	3.1	7.7	1	nd	182
	9	4/27/1998	0.14	nd	nd	nd	0.72	0.037	0.24	0.21	0.21	0.19	0.21	0.2	0.23	0.15	0.047	0.18	0.019	nd	2.8
EW-106	5.5	4/21/1998	28	7.2	3.3	25	120	18	120	91	47	41	33	47	35	27	6.8	27	25	17	718
EW-107	1.5	4/21/1998	0.033	nd	nd	nd	0.02	nd	0.045	0.035	0.03	0.025	0.029	0.032	0.039	0.025	nd	0.028	nd	nd	0.3
EW-108	1.5	4/21/1998	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
PZ-11B	38-39	1/18/2000	<0.014	<0.018	<0.015	<0.019	0.069	0.016	0.112	0.097	0.049	0.047	0.041	0.051	0.046	0.043	<0.037	0.052	<0.017	<0.017	0.6
Interim and Preliminary Guidance Levels (mg/kg)																					
Groundwater Pathway			0.4	0.7	38	100	1.8	3,000	500	8,700	17	37	360	870	48	680	38	6,800	23	20	ns
Direct Contact Pathway-Non-industrial			20	18	900	600	18	5,000	600	500	0.088	8.8	0.088	0.88	0.0088	0.088	0.0088	1.8	1,100	600	ns
Direct Contact Pathway-Industrial			110	360	60,000	40,000	390	300,000	40,000	30,000	3.9	390	4	39	0.39	3.9	0.39	39	70,000	40,000	ns
US EPA Residential PRGs			56	ns	3,700	2,600	ns	22,000	2,300	2,300	0.62	62	0.62	6.2	0.062	0.62	0.062	ns	ns	ns	ns
US EPA Industrial PRGs			190	ns	38,000	33,000	ns	1,000,000	30,000	54,000	29	290	29	29	0.29	2.9	0.29	ns	ns	ns	ns

[DVP/AAS 2-00/HMS 4/01]

Notes:

1) Generic RCLs for PAHs are suggested levels only, published in *Soil Cleanup Levels for PAHs - Interim Guidance,* April 1997.
2) Constituent concentrations that exceed one or more standards are shown in bold and underlined
A = All depths are in feet unless otherwise noted.
-- = Parameter analysis was not performed.

PRG = 1999 US EPA Region 9 Preliminary Remediation Goals for direct contact.
ns = Generic interim guidance RCL has not been established for parameter.
nd = Parameter was not detected above laboratory detection limit.

Table 6. Soil Analytical Results - BTEX, Cyanide, and Lead
Supplemental Site Investigation and Groundwater Monitoring Report
Former Stevens Point Manufactured Gas Plant Site - Wisconsin Public Service Corporation

			BTEX (µg/kg)					(mg/kg)		
Location	Depth (feet^A)	Sample Date	Benzene	Ethylbenzene	Toluene	Xylenes (total)	Total BTEX	Cyanide (Total)^B	Lead	Total Organic Carbon
Former Slough Area Samples										
B-103	3-5	6/10/1993	nd	nd	nd	nd	nd	--	--	--
B-104	5-7	6/10/1993	nd	nd	nd	nd	nd	--	--	--
EB-1	11	4/1/1998	0.11	0.1	nd	0.77	1.0	nd	--	--
EB-5	12	4/7/1998	0.24	1.2	nd	1.54	3.0	0.35	--	--
SB-207	12-14	1/17/2000	41	1,160	<4.2	1800	3001	2.3	--	--
	18-20	1/17/2000	25	109	<4.2	187	321	0.046	--	--
SB-208	6-8	1/17/2000	941	229	824	588	2582	62	25	--
	18-20	1/17/2000	<9	25	<4.2	61	86.0	2.3	--	--
SB-209	16-18	1/19/2000	45	25	29	204	303	37	--	--
	22-24	1/19/2000	<9	14	<4.2	23	37	0.048	--	--
	33-35	1/19/2000	<9	<4.5	<4.2	<19	nd	0.31	--	--
SB-210	12-14	1/17/2000	39	29	39	151	258	0.45	48	--
	40-42	1/17/2000	<9	<4.5	<4.2	<19	nd	<0.023	--	271
SB-211	14-16	1/19/2000	<9	<4.5	<4.2	<19	nd	0.19	8.7	--
	18-20	1/19/2000	<9	<4.5	<4.2	39	39	0.18	3.4	--
Northern Property Boundary Samples										
SB-212	1-3	1/19/2000	12	21	69	155	0	0.75	15	--
	5-7	1/19/2000	<9	<4.5	<4.2	<19	nd	0.46	--	--
SB-213	1-3	1/19/2000	103	24	143	189	0	29	19	--
	5-7	1/19/2000	--	--	--	--	--	2.6	--	--
SB-214	8-10	1/19/2000	--	--	--	--	--	31	--	--
Interim and Preliminary Guidance Levels (µg/kg unless as noted)										
NR 720.19 Generic RCLs			5.5	2,900	1,500	4,100	ns	ns	50/500**	ns
US EPA Residential PRGs			650	230,000	520,000	210,000	ns	11*	400*	ns
US EPA Industrial PRGs			1,500	230,000	520,000	210,000	ns	35*	750*	ns

Table 6. Soil Analytical Results - BTEX, Cyanide, and Lead
Supplemental Site Investigation and Groundwater Monitoring Report
Former Stevens Point Manufactured Gas Plant Site - Wisconsin Public Service Corporation

			BTEX (µg/kg)					(mg/kg)		
Location	Depth (feet^{A})	Sample Date	Benzene	Ethylbenzene	Toluene	Xylenes (total)	Total BTEX	Cyanide (Total)^{B}	Lead	Total Organic Carbon
Pfiffner Pioneer Park and City Property Samples										
SB-215	6-8	1/19/2000	<9	<4.5	54	<19	0	1.0	176	--
SB-216	4-6	1/19/2000	102	99	65	73	0	1160	89	--
B-110	0-0.5	6/9/1993	--	--	--	--	--	nd	--	--
B-123	4-6	9/14/1993	--	--	--	--	--	--	--	--
EB-103	9	4/20/1998	nd	nd	nd	nd	nd	3	--	--
EW-105	6	4/20/1998	nd	0.79	nd	0.043	0.8	6.2	--	--
	9	4/27/1998	nd	nd	nd	nd	nd	2.3	4.6	--
EW-106	5.5	4/21/1998	0.071	5.1	0.16	0.78	6.1	270	1700	--
EW-107	1.5	4/21/1998	nd	nd	nd	nd	nd	0.07	nd	--
EW-108	1.5	4/21/1998	nd	nd	nd	nd	nd	0.05	9.5	--
PZ-11B	38-39	1/18/2000	<9	<4.5	<4.2	<19	nd	0.11	--	2,060
Interim and Preliminary Guidance Levels (µg/kg unless as noted)										
NR 720.19 Generic RCLs			5.5	2,900	1,500	4,100	ns	ns	50/500**	ns
US EPA Residential PRGs			650	230,000	520,000	210,000	ns	11*	400*	ns
US EPA Industrial PRGs			1,500	230,000	520,000	210,000	ns	35*	750*	ns

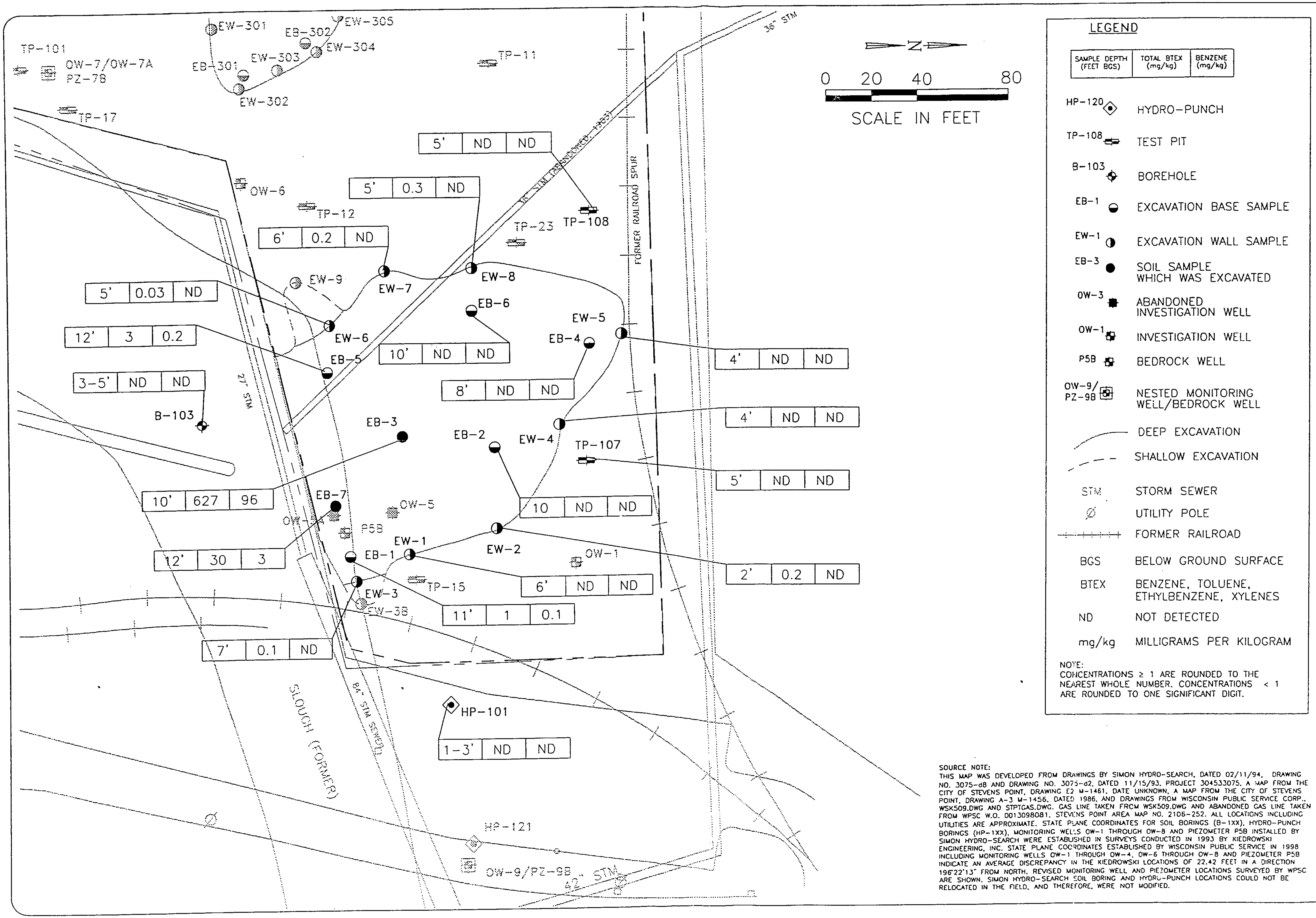
[DVP/AAS 2-00/HMS 4/01]

Notes:

A = All depths are in feet unless otherwise noted.
B = Total cyanide includes complexed and dissociable cyanide, PRGs are for free cyanide.
µg/kg = micrograms per kilogram
mg/kg = milligrams per kilogram
nd = Parameter was not detected above laboratory detection limit.
-- = Parameter analysis was not performed.
PRG = 1999 US EPA Region 9 Preliminary Remediation Goals for direct contact.
RCL = WDNR generic Residual Contaminant Level.
ns = Guidance level has not been established for parameter.
* = mg/kg
** = NR 720 direct contact RCL for lead is 50 mg/kg for non-industrial and 500 mg/kg for industrial land use.

APPENDIX C

FIGURES 3 THROUGH 11, TABLES 1 THROUGH 8, AND PLATES 1 THROUGH 4 (REMEDIAL ACTION DOCUMENTATION REPORT)



NOTE:
CONCENTRATIONS ≥ 1 ARE ROUNDED TO THE NEAREST WHOLE NUMBER. CONCENTRATIONS < 1 ARE ROUNDED TO ONE SIGNIFICANT DIGIT.

SOURCE NOTE:
THIS MAP WAS DEVELOPED FROM DRAWINGS BY SIMON HYDRO-SEARCH, DATED 02/11/94. DRAWING NO. 3075-d8 AND DRAWING NO. 3075-d2, DATED 11/15/93. PROJECT 304533075. A MAP FROM THE CITY OF STEVENS POINT, DRAWING E2 M-1461, DATE UNKNOWN, A MAP FROM THE CITY OF STEVENS POINT, DRAWING A-3 M-1456, DATED 1986, AND DRAWINGS FROM WISCONSIN PUBLIC SERVICE CORP., WSK509.DWG AND STPTGAS.DWG. GAS LINE TAKEN FROM WSK509.DWG AND ABANDONED GAS LINE TAKEN FROM WPSC W.O. 0013098081. STEVENS POINT AREA MAP NO. 2106-252. ALL LOCATIONS INCLUDING UTILITIES ARE APPROXIMATE. STATE PLANE COORDINATES FOR SOIL BORINGS (B-1XX), HYDRO-PUNCH BORINGS (HP-1XX), MONITORING WELLS OW-1 THROUGH OW-8 AND PIEZOMETER P5B INSTALLED BY SIMON HYDRO-SEARCH WERE ESTABLISHED IN SURVEYS CONDUCTED IN 1993 BY KIEDROWSKI ENGINEERING, INC. STATE PLANE COORDINATES ESTABLISHED BY WISCONSIN PUBLIC SERVICE IN 1998 INCLUDING MONITORING WELLS OW-1 THROUGH OW-4, OW-6 THROUGH OW-8 AND PIEZOMETER P5B INDICATE AN AVERAGE DISCREPANCY IN THE KIEDROWSKI LOCATIONS OF 22.42 FEET IN A DIRECTION 196°22'13" FROM NORTH. REVISED MONITORING WELL AND PIEZOMETER LOCATIONS SURVEYED BY WPSC ARE SHOWN. SIMON HYDRO-SEARCH SOIL BORING AND HYDRO-PUNCH LOCATIONS COULD NOT BE RELOCATED IN THE FIELD, AND THEREFORE, WERE NOT MODIFIED.

DRAWN BY: TAS DATE: 7/28/98
CHECKED BY: DATE: 9/15/98
APPROVED BY: DATE: 9.15.98
AUTOCAD FILE: 1177-B01.DWG

REMAINING SOIL QUALITY-EXCAVATION AREA 1
(TOTAL BTEX AND BENZENE)

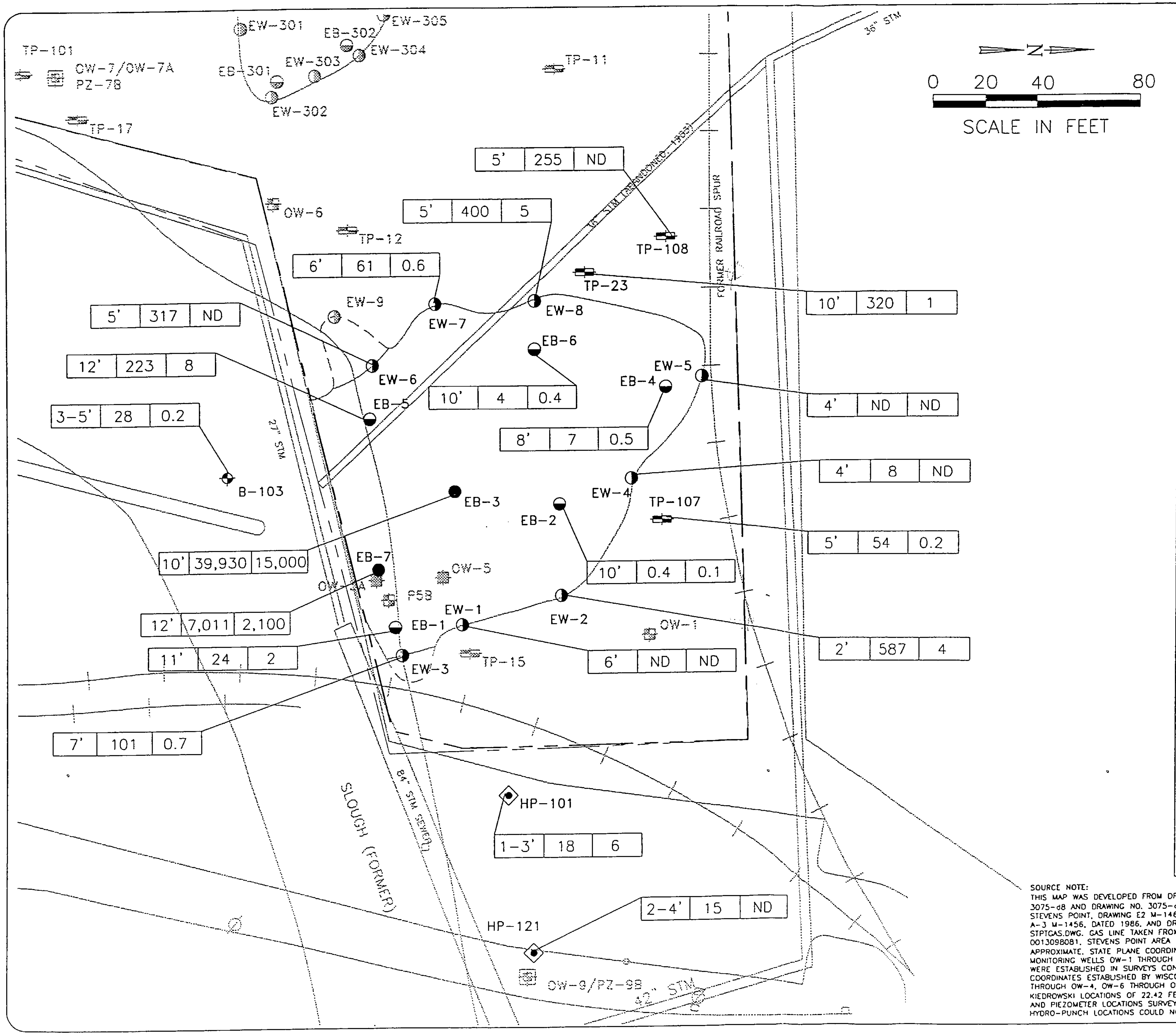
REMEDIAL ACTION DOCUMENTATION REPORT
STEVENS POINT MGP SITE - WPSC
STEVENS POINT, WISCONSIN

Natural
Resource
Technology

PROJECT NO.
1177/8.6/STPT

DRAWING NO.
1177-B01

FIGURE NO.
3



LEGEND

SAMPLE DEPTH (FEET BGS)	TOTAL PAHs (mg/kg)	NAPHTHALENE (mg/kg)

HP-120 ◈	HYDRO-PUNCH
TP-108	TEST PIT
B-103 ⊕	BOREHOLE
EB-1 ◒	EXCAVATION BASE SAMPLE
EW-1 ◑	EXCAVATION WALL SAMPLE
EB-3 ●	SOIL SAMPLE WHICH WAS EXCAVATED
OW-3 ■	ABANDONED INVESTIGATION WELL
OW-1	INVESTIGATION WELL
P5B	BEDROCK WELL
OW-9/ PZ-9B	NESTED MONITORING WELL/BEDROCK WELL
	DEEP EXCAVATION
	SHALLOW EXCAVATION
∅	UTILITY POLE
STM	STORM SEWER
	FORMER RAILROAD
BGS	BELOW GRADE SURFACE
PAHs	POLYNUCLEAR AROMATIC HYDROCARBONS
NA	NOT ANALYZED
ND	NOT DETECTED
mg/kg	MILLIGRAMS PER KILOGRAM

NOTES:
1. CONCENTRATIONS ≥ 1 ARE ROUNDED TO THE NEAREST WHOLE NUMBER. CONCENTRATIONS < 1 ARE ROUNDED TO ONE SIGNIFICANT DIGIT.

2. TP-15 PAHs DATA MAY BE IN ERROR, ACCORDING TO THE LABORATORY, AND IS NOT CONSIDERED FOR INTERPRETING REMAINING SITE CONDITIONS.

SOURCE NOTE:
THIS MAP WAS DEVELOPED FROM DRAWINGS BY SIMON HYDRO-SEARCH, DATED 02/11/94. DRAWING NO. 3075-d8 AND DRAWING NO. 3075-d2, DATED 11/15/93, PROJECT 304533075, A MAP FROM THE CITY OF STEVENS POINT, DRAWING E2 M-1461, DATE UNKNOWN, A MAP FROM THE CITY OF STEVENS POINT, DRAWING A-3 M-1456, DATED 1986, AND DRAWINGS FROM WISCONSIN PUBLIC SERVICE CORP., WSK509.DWG AND STPTGAS.DWG. GAS LINE TAKEN FROM WSK509.DWG AND ABANDONED GAS LINE TAKEN FROM WPSC W.O. 0013098081, STEVENS POINT AREA MAP NO. 2106-252. ALL LOCATIONS INCLUDING UTILITIES ARE APPROXIMATE. STATE PLANE COORDINATES FOR SOIL BORINGS (B-1XX), HYDRO-PUNCH BORINGS (HP-1XX), MONITORING WELLS OW-1 THROUGH OW-8 AND PIEZOMETER P5B INSTALLED BY SIMON HYDRO-SEARCH WERE ESTABLISHED IN SURVEYS CONDUCTED IN 1993 BY KIEDROWSKI ENGINEERING, INC. STATE PLANE COORDINATES ESTABLISHED BY WISCONSIN PUBLIC SERVICE IN 1998 INCLUDING MONITORING WELLS OW-1 THROUGH OW-4, OW-6 THROUGH OW-8 AND PIEZOMETER P5B INDICATE AN AVERAGE DISCREPANCY IN THE KIEDROWSKI LOCATIONS OF 22.42 FEET IN A DIRECTION 196°22'13" FROM NORTH. REVISED MONITORING WELL AND PIEZOMETER LOCATIONS SURVEYED BY WPSC ARE SHOWN. SIMON HYDRO-SEARCH SOIL BORING AND HYDRO-PUNCH LOCATIONS COULD NOT BE RELOCATED IN THE FIELD, AND THEREFORE, WERE NOT MODIFIED.

DRAWN BY: TAS DATE: 8/4/98
CHECKED BY: DATE: 9/15/98
APPROVED BY: LJP DATE: 9.15.98
AUTOCAD FILE: 1177-B05.DWG

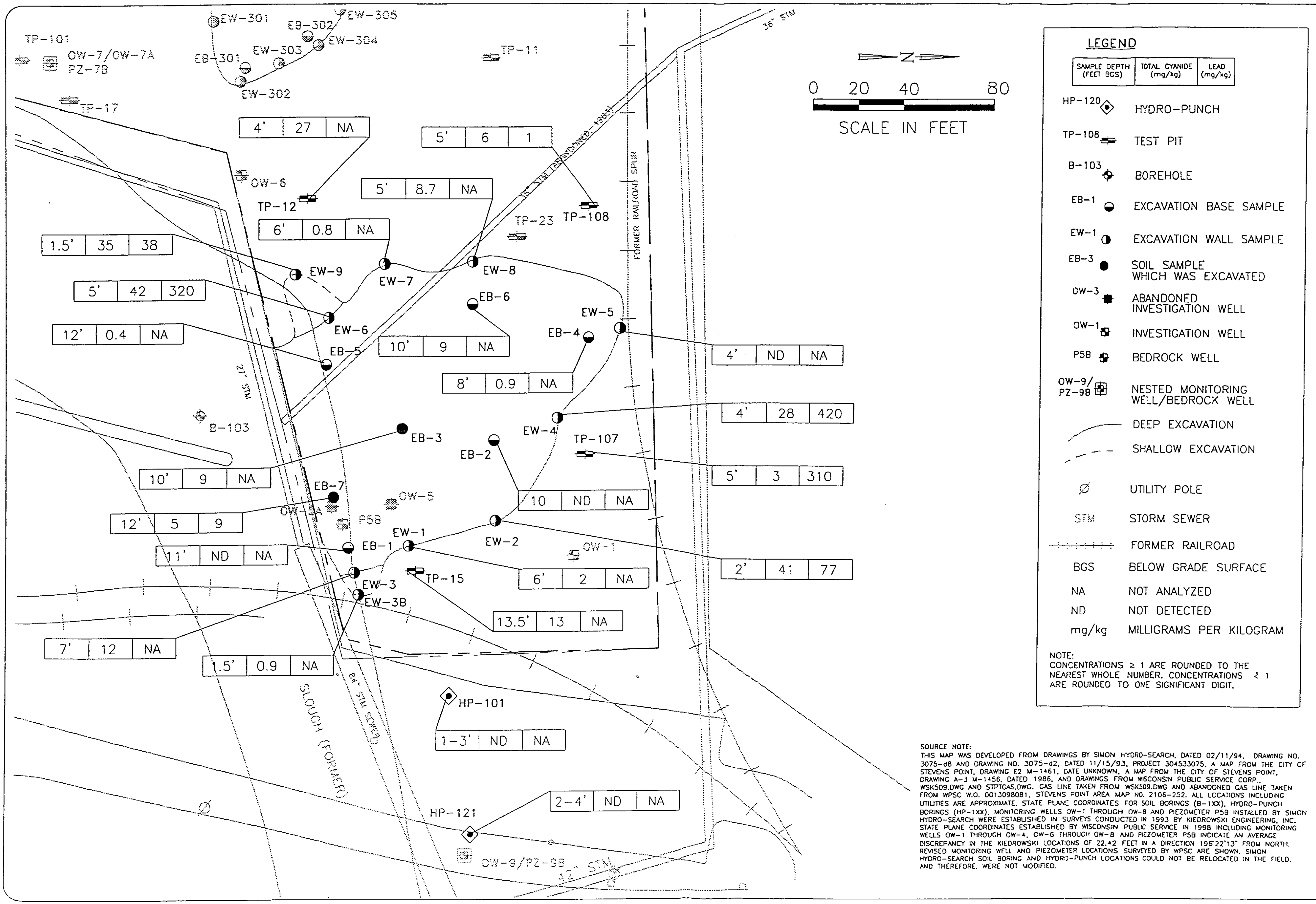
REMAINING SOIL QUALITY–EXCAVATION AREA 1
(TOTAL PAHs AND NAPHTHALENE)
REMEDIAL ACTION DOCUMENTATION REPORT
STEVENS POINT MGP SITE – WPSC
STEVENS POINT, WISCONSIN

Natural Resource Technology

PROJECT NO.
1177/8.6/STPT

DRAWING NO.
1177-B05

FIGURE NO.
4



SOURCE NOTE:
THIS MAP WAS DEVELOPED FROM DRAWINGS BY SIMON HYDRO-SEARCH, DATED 02/11/94, DRAWING NO. 3075-d8 AND DRAWING NO. 3075-d2, DATED 11/15/93, PROJECT 304533075, A MAP FROM THE CITY OF STEVENS POINT, DRAWING E2 M-1461, DATE UNKNOWN, A MAP FROM THE CITY OF STEVENS POINT, DRAWING A-3 M-1456, DATED 1986, AND DRAWINGS FROM WISCONSIN PUBLIC SERVICE CORP., WSK509.DWG AND STPTGAS.DWG. GAS LINE TAKEN FROM WSK509.DWG AND ABANDONED GAS LINE TAKEN FROM WPSC W.O. 0013098081, STEVENS POINT AREA MAP NO. 2106-252. ALL LOCATIONS INCLUDING UTILITIES ARE APPROXIMATE. STATE PLANE COORDINATES FOR SOIL BORINGS (B-1XX), HYDRO-PUNCH BORINGS (HP-1XX), MONITORING WELLS OW-1 THROUGH OW-8 AND PIEZOMETER P5B INSTALLED BY SIMON HYDRO-SEARCH WERE ESTABLISHED IN SURVEYS CONDUCTED IN 1993 BY KIEDROWSKI ENGINEERING, INC. STATE PLANE COORDINATES ESTABLISHED BY WISCONSIN PUBLIC SERVICE IN 1998 INCLUDING MONITORING WELLS OW-1 THROUGH OW-4, OW-6 THROUGH OW-8 AND PIEZOMETER P5B INDICATE AN AVERAGE DISCREPANCY IN THE KIEDROWSKI LOCATIONS OF 22.42 FEET IN A DIRECTION 196°22'13" FROM NORTH. REVISED MONITORING WELL AND PIEZOMETER LOCATIONS SURVEYED BY WPSC ARE SHOWN. SIMON HYDRO-SEARCH SOIL BORING AND HYDRO-PUNCH LOCATIONS COULD NOT BE RELOCATED IN THE FIELD, AND THEREFORE, WERE NOT MODIFIED.

DRAWN BY: TAS DATE: 7/28/98
CHECKED BY: DATE: 9/15/98
APPROVED BY: LTP DATE: 9.15.98
AUTOCAD FILE: 1177-B07.DWG

REMAINING SOIL QUALITY-EXCAVATION AREA 1
(TOTAL CYANIDE AND LEAD)

REMEDIAL ACTION DOCUMENTATION REPORT
STEVENS POINT MGP SITE - WPSC
STEVENS POINT, WISCONSIN

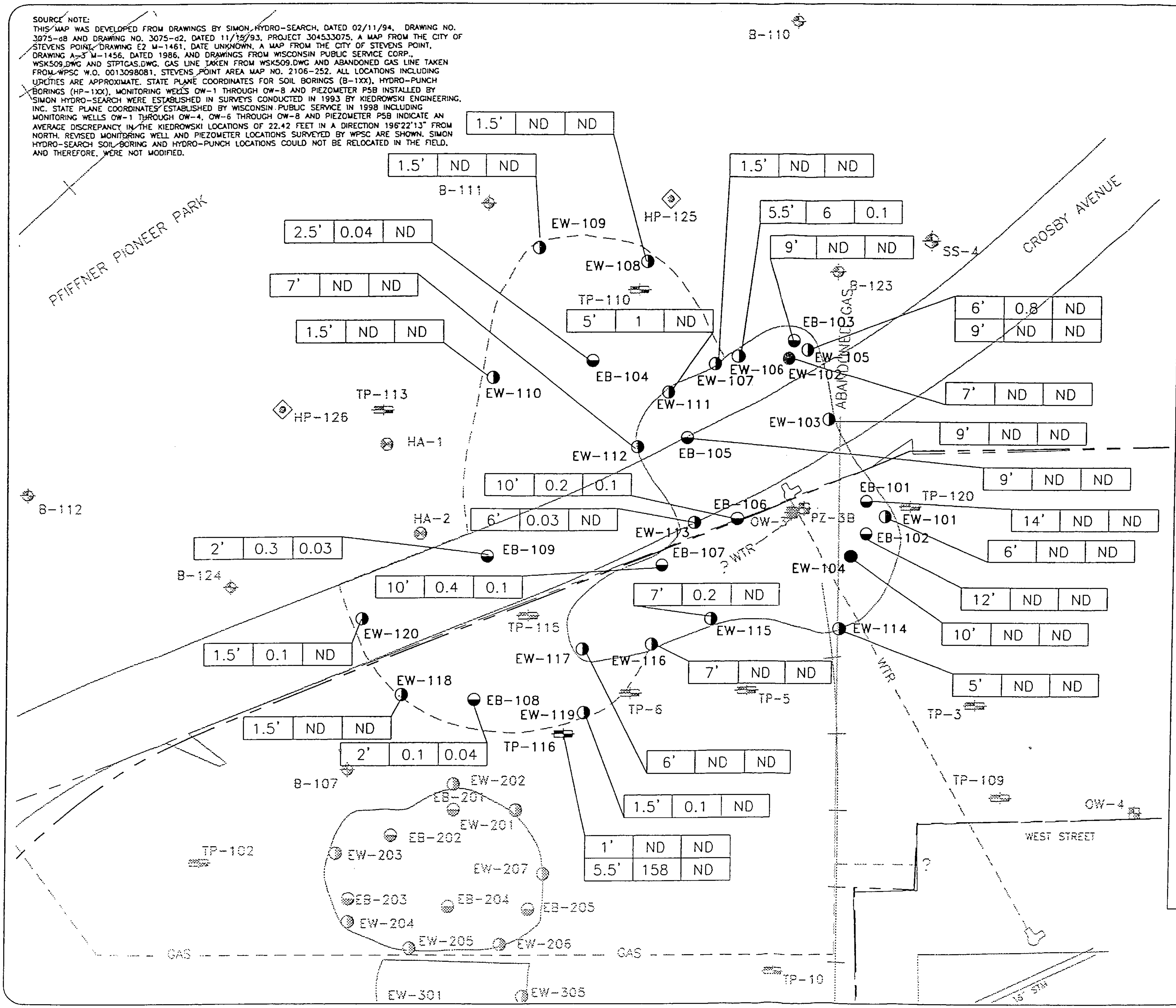
Natural
Resource
Technology

PROJECT NO.
1177/8.6/STPT

DRAWING NO.
1177-B07

FIGURE NO.
5

SOURCE NOTE:
THIS MAP WAS DEVELOPED FROM DRAWINGS BY SIMON HYDRO-SEARCH, DATED 02/11/94. DRAWING NO. 3075-d8 AND DRAWING NO. 3075-d2, DATED 11/15/93, PROJECT 304533075. A MAP FROM THE CITY OF STEVENS POINT, DRAWING E2 M-1461, DATE UNKNOWN, A MAP FROM THE CITY OF STEVENS POINT, DRAWING A-3 M-1456, DATED 1986, AND DRAWINGS FROM WISCONSIN PUBLIC SERVICE CORP., WSK509.DWG AND STPTCAS.DWG. GAS LINE TAKEN FROM WSK509.DWG AND ABANDONED GAS LINE TAKEN FROM WPSC W.O. 0013098081, STEVENS POINT AREA MAP NO. 2106-252. ALL LOCATIONS INCLUDING UTILITIES ARE APPROXIMATE. STATE PLANE COORDINATES FOR SOIL BORINGS (B-1XX), HYDRO-PUNCH BORINGS (HP-1XX), MONITORING WELLS OW-1 THROUGH OW-8 AND PIEZOMETER P5B INSTALLED BY SIMON HYDRO-SEARCH WERE ESTABLISHED IN SURVEYS CONDUCTED IN 1993 BY KIEDROWSKI ENGINEERING, INC. STATE PLANE COORDINATES ESTABLISHED BY WISCONSIN PUBLIC SERVICE IN 1998 INCLUDING MONITORING WELLS OW-1 THROUGH OW-4, OW-6 THROUGH OW-8 AND PIEZOMETER P5B INDICATE AN AVERAGE DISCREPANCY IN THE KIEDROWSKI LOCATIONS OF 22.42 FEET IN A DIRECTION 196°22'13" FROM NORTH. REVISED MONITORING WELL AND PIEZOMETER LOCATIONS SURVEYED BY WPSC ARE SHOWN. SIMON HYDRO-SEARCH SOIL BORING AND HYDRO-PUNCH LOCATIONS COULD NOT BE RELOCATED IN THE FIELD, AND THEREFORE, WERE NOT MODIFIED.



LEGEND

SAMPLE DEPTH (FEET BGS)	TOTAL BTEX (mg/kg)	BENZENE (mg/kg)

HP-120 ◈	HYDRO-PUNCH
TP-3	TEST PIT
B-124 ⊕	BOREHOLE
EB-1 ◒	EXCAVATION BASE SAMPLE
EW-102 ●	SOIL SAMPLE WHICH WAS EXCAVATED
EW-1 ◑	EXCAVATION WALL SAMPLE
HA-1 ⊗	HAND AUGER
SS-4 ⊕	SURFACE SOIL SAMPLE
OW-3 ■	ABANDONED INVESTIGATION WELL
OW-1	INVESTIGATION WELL
P5B	BEDROCK WELL
OW-9/ PZ-9B	NESTED MONITORING WELL/BEDROCK WELL
	DEEP EXCAVATION
	SHALLOW EXCAVATION
	HYDRANT
∅	UTILITY POLE
— -- WTR -- —	WATER LINE
— — GAS — —	GAS LINE
STM	STORM SEWER
?	PRECISE LOCATION UNKNOWN
	FORMER RAILROAD
BGS	BELOW GROUND SURFACE
BTEX	BENZENE, TOLUENE, ETHYLBENZENE, XYLENES
ND	NOT DETECTED
mg/kg	MILLIGRAMS PER KILOGRAM

NOTE:
CONCENTRATIONS ≥ 1 ARE ROUNDED TO THE NEAREST WHOLE NUMBER. CONCENTRATIONS < 1 ARE ROUNDED TO ONE SIGNIFICANT DIGIT.

N

0 20 40 80

SCALE IN FEET

DRAWN BY: TAS
DATE: 9/4/98
CHECKED BY:
DATE: 9/15/98
APPROVED BY: LSP
DATE: 9·15·98
AUTOCAD FILE: 1177-B02.DWG

REMAINING SOIL QUALITY-EXCAVATION AREA 2
(TOTAL BTEX AND BENZENE)

REMEDIAL ACTION DOCUMENTATION REPORT
STEVENS POINT MGP SITE – WPSC
STEVENS POINT, WISCONSIN

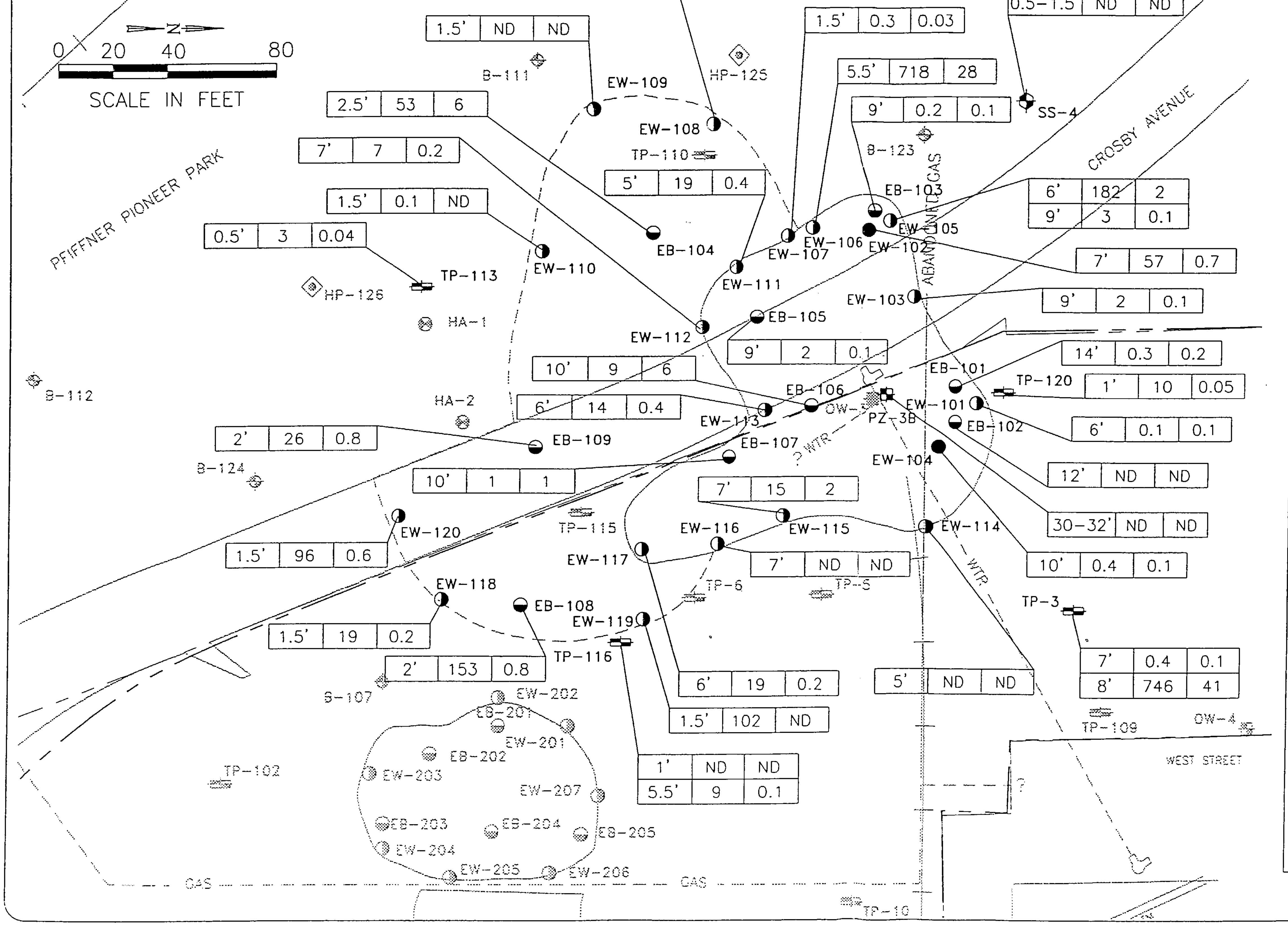
Natural Resource Technology

PROJECT NO.
1177/8.6/STPT

DRAWING NO.
1177-B02

FIGURE NO.
6

SOURCE NOTE:
THIS MAP WAS DEVELOPED FROM DRAWINGS BY SIMON HYDRO-SEARCH, DATED 02/11/94. DRAWING NO. 3075-d8 AND DRAWING NO. 3075-d2, DATED 11/15/93, PROJECT 304533075, A MAP FROM THE CITY OF STEVENS POINT, DRAWING E2 M-1461, DATE UNKNOWN, A MAP FROM THE CITY OF STEVENS POINT, DRAWING A-3 M-1456, DATED 1986, AND DRAWINGS FROM WISCONSIN PUBLIC SERVICE CORP., WSK509.DWG AND STPTGAS.DWG. GAS LINE TAKEN FROM WSK509.DWG AND ABANDONED GAS LINE TAKEN FROM WPSC W.O. 0013098081, STEVENS POINT AREA MAP NO. 2106-252. ALL LOCATIONS INCLUDING UTILITIES ARE APPROXIMATE. STATE PLANE COORDINATES FOR SOIL BORINGS (B-1XX), HYDRO-PUNCH BORINGS (HP-1XX), MONITORING WELLS OW-1 THROUGH OW-8 AND PIEZOMETER P5B INSTALLED BY SIMON HYDRO-SEARCH WERE ESTABLISHED IN SURVEYS CONDUCTED IN 1993 BY KIEDROWSKI ENGINEERING, INC. STATE PLANE COORDINATES ESTABLISHED BY WISCONSIN PUBLIC SERVICE IN 1998 INCLUDING MONITORING WELLS OW-1 THROUGH OW-4, OW-6 THROUGH OW-8 AND PIEZOMETER P5B INDICATE AN AVERAGE DISCREPANCY IN THE KIEDROWSKI LOCATIONS OF 22.42 FEET IN A DIRECTION 196°22'13" FROM NORTH. REVISED MONITORING WELL AND PIEZOMETER LOCATIONS SURVEYED BY WPSC ARE SHOWN. SIMON HYDRO-SEARCH SOIL BORING AND HYDRO-PUNCH LOCATIONS COULD NOT BE RELOCATED IN THE FIELD, AND THEREFORE, WERE NOT MODIFIED.



LEGEND

SAMPLE DEPTH (FEET BGS)	TOTAL PAHs (mg/kg)	NAPHTHALENE (mg/kg)

HP-120 ◈	HYDRO-PUNCH
TP-3	TEST PIT
B-124 ⊕	BOREHOLE
EB-1 ◒	EXCAVATION BASE SAMPLE
EW-102 ●	SOIL SAMPLE WHICH WAS EXCAVATED
EW-1 ◑	EXCAVATION WALL SAMPLE
HA-1 ⊗	HAND AUGER
SS-4 ⊕	SURFACE SOIL SAMPLE
OW-3 ■	ABANDONED INVESTIGATION WELL
OW-1	INVESTIGATION WELL
P5B	BEDROCK WELL
OW-9/ PZ-9B	NESTED MONITORING WELL/BEDROCK WELL
——	DEEP EXCAVATION
- - -	SHALLOW EXCAVATION
	HYDRANT
∅	UTILITY POLE
— -- WTR -- —	WATER LINE
— -- GAS -- —	GAS LINE
STM	STORM SEWER
?	PRECISE LOCATION UNKNOWN
┼┼┼┼┼	FORMER RAILROAD
BGS	BELOW GROUND SURFACE
PAHs	POLYNUCLEAR AROMATIC HYDROCARBONS
NA	NOT ANALYZED
ND	NOT DETECTED
mg/kg	MILLIGRAMS PER KILOGRAM

NOTES:
1. CONCENTRATIONS ≥ 1 ARE ROUNDED TO THE NEAREST WHOLE NUMBER. CONCENTRATIONS < 1 ARE ROUNDED TO ONE SIGNIFICANT DIGIT.

2. TP-6 PAHs DATA MAY BE IN ERROR, ACCORDING TO THE LABORATORY, AND IS NOT CONSIDERED FOR INTERPRETING REMAINING SITE CONDITIONS.

DRAWN BY: TAS	DATE: 9/4/98
CHECKED BY:	DATE: 9/15/98
APPROVED BY: LJP	DATE: 9.15.98

AUTOCAD FILE: 1177-B04.DWG

REMAINING SOIL QUALITY–EXCAVATION AREA 2
(TOTAL PAHs AND NAPHTHALENE)
REMEDIAL ACTION DOCUMENTATION REPORT
STEVENS POINT MGP SITE – WPSC
STEVENS POINT, WISCONSIN

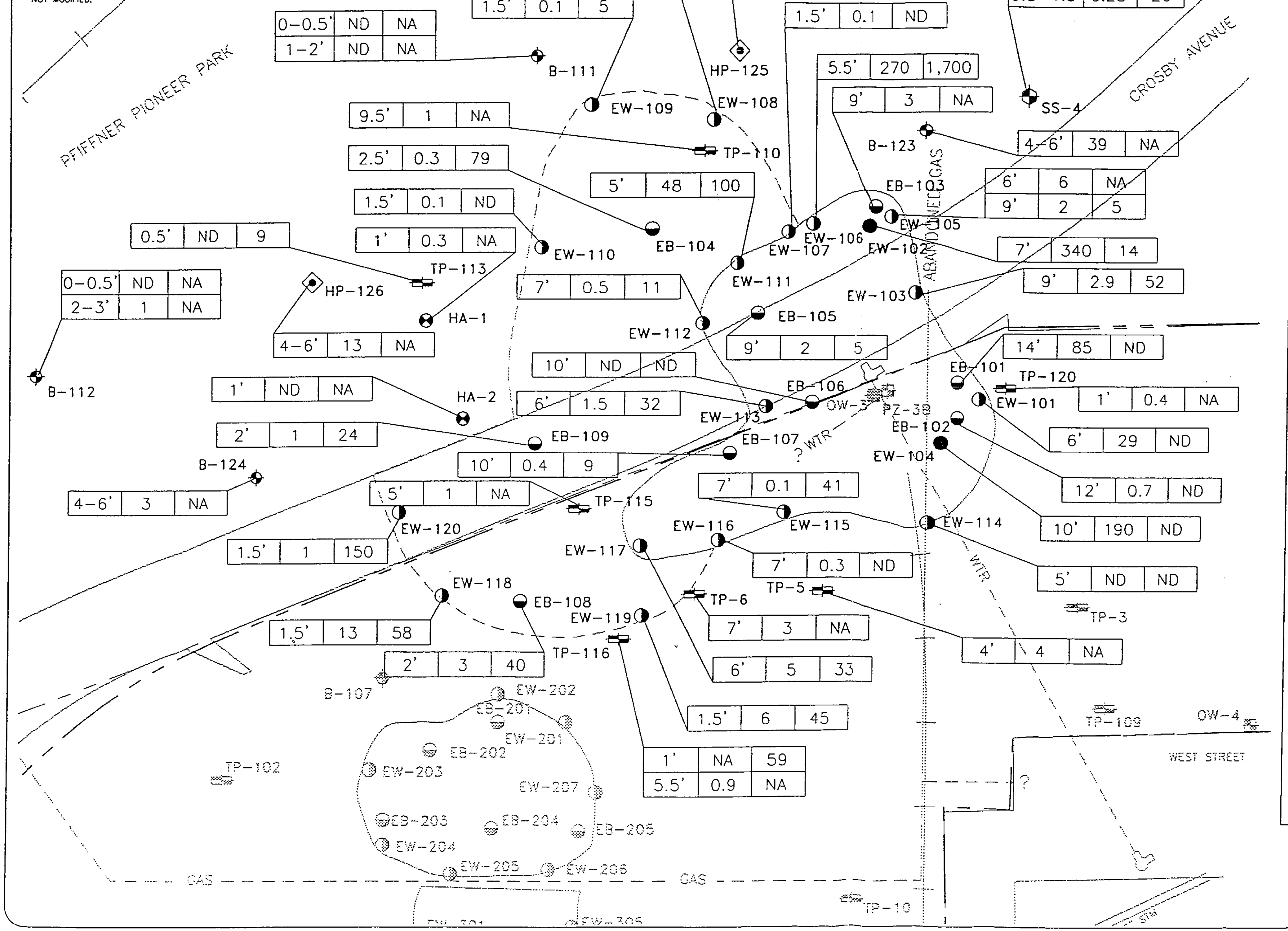
Natural
Resource
Technology

PROJECT NO.
1177/8.6/STPT

DRAWING NO.
1177-B04

FIGURE NO.
7

SOURCE NOTE:
THIS MAP WAS DEVELOPED FROM DRAWINGS BY SIMON HYDRO-SEARCH, DATED 02/11/94, DRAWING NO. 3075-d8 AND DRAWING NO. 3075-d2, DATED 11/15/93, PROJECT 304533075, A MAP FROM THE CITY OF STEVENS POINT, DRAWING E2 M-1461, DATE UNKNOWN, A MAP FROM THE CITY OF STEVENS POINT, DRAWING A-3 M-1456, DATED 1986, AND DRAWINGS FROM WISCONSIN PUBLIC SERVICE CORP., WSK509.DWG AND STPTGAS.DWG. GAS LINE TAKEN FROM WSK509.DWG AND ABANDONED GAS LINE TAKEN FROM WPSC W.O. 0013098081, STEVENS POINT AREA MAP NO. 2106-252. ALL LOCATIONS INCLUDING UTILITIES ARE APPROXIMATE. STATE PLANE COORDINATES FOR SOIL BORINGS (B-1XX), HYDRO-PUNCH BORINGS (HP-1XX), MONITORING WELLS OW-1 THROUGH OW-8 AND PIEZOMETER P5B INSTALLED BY SIMON HYDRO-SEARCH WERE ESTABLISHED IN SURVEYS CONDUCTED IN 1993 BY KIEDROWSKI ENGINEERING, INC. STATE PLANE COORDINATES ESTABLISHED BY WISCONSIN PUBLIC SERVICE IN 1998 INCLUDING MONITORING WELLS OW-1 THROUGH OW-4, OW-6 THROUGH OW-8 AND PIEZOMETER P5B INDICATE AN AVERAGE DISCREPANCY IN THE KIEDROWSKI LOCATIONS OF 22.42 FEET IN A DIRECTION 196°22'13" FROM NORTH. REVISED MONITORING WELL AND PIEZOMETER LOCATIONS SURVEYED BY WPSC ARE SHOWN. SIMON HYDRO-SEARCH SOIL BORING AND HYDRO-PUNCH LOCATIONS COULD NOT BE RELOCATED IN THE FIELD, AND THEREFORE, WERE NOT MODIFIED.



NOTE:
CONCENTRATIONS ≥ 1 ARE ROUNDED TO THE NEAREST WHOLE NUMBER. CONCENTRATIONS < 1 ARE ROUNDED TO ONE SIGNIFICANT DIGIT.

DRAWN BY: TAS	DATE: 9/4/98
CHECKED BY:	DATE: 9/15/98
APPROVED BY: LSP	DATE: 9.15.98
AUTOCAD FILE: 1177-B08.DWG	

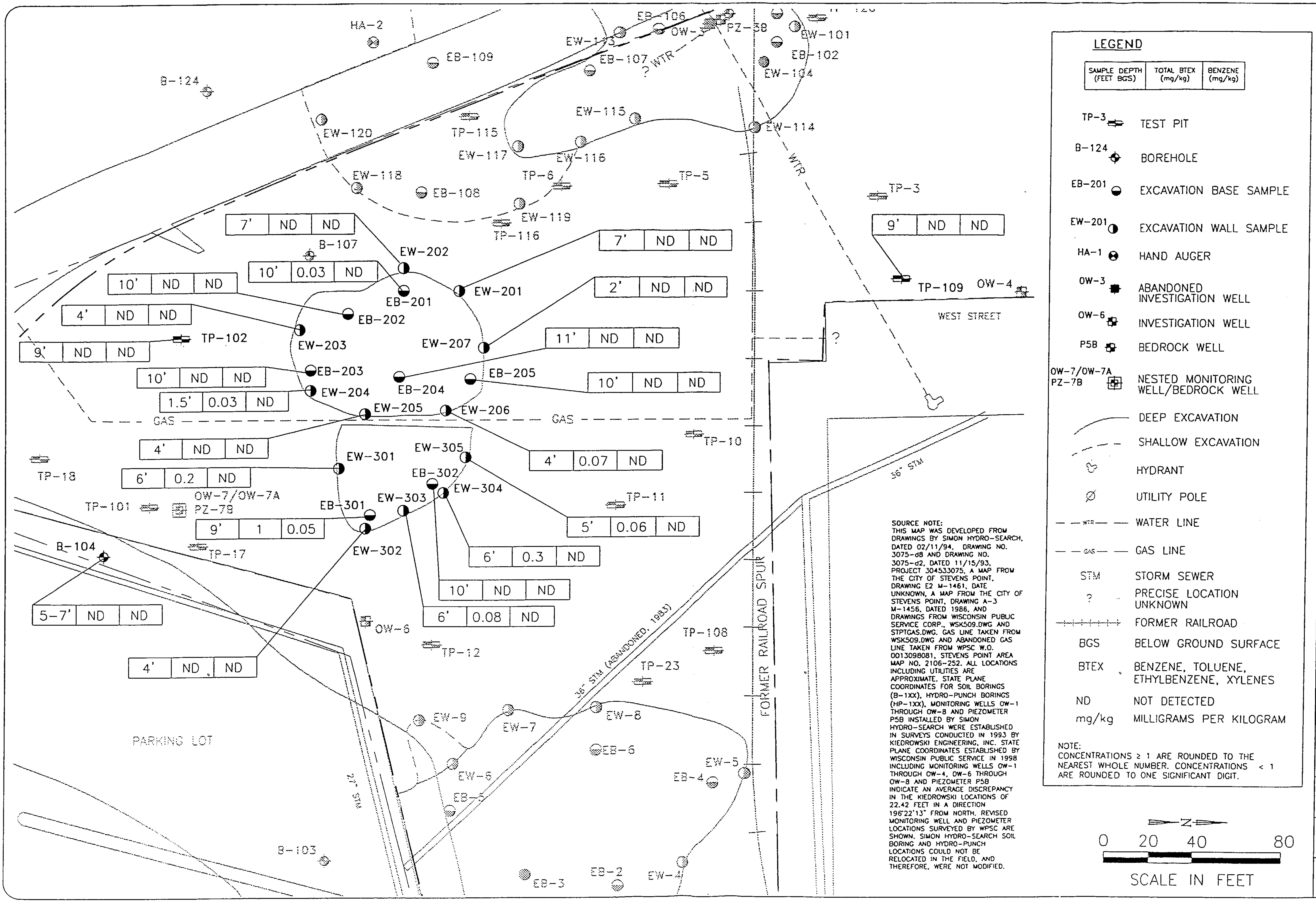
REMAINING SOIL QUALITY-EXCAVATION AREA 2
(TOTAL CYANIDE AND LEAD)
REMEDIAL ACTION DOCUMENTATION REPORT
STEVENS POINT MGP SITE - WPSC
STEVENS POINT, WISCONSIN

Natural
Resource
Technology

PROJECT NO.
1177/8.6/STPT

DRAWING NO.
1177-B08

FIGURE NO.
8



NOTE:
CONCENTRATIONS ≥ 1 ARE ROUNDED TO THE NEAREST WHOLE NUMBER. CONCENTRATIONS < 1 ARE ROUNDED TO ONE SIGNIFICANT DIGIT.

SOURCE NOTE:
THIS MAP WAS DEVELOPED FROM DRAWINGS BY SIMON HYDRO-SEARCH, DATED 02/11/94. DRAWING NO. 3075-d8 AND DRAWING NO. 3075-d2, DATED 11/15/93, PROJECT 304533075. A MAP FROM THE CITY OF STEVENS POINT, DRAWING E2 M-1461, DATE UNKNOWN, A MAP FROM THE CITY OF STEVENS POINT, DRAWING A-3 M-1456, DATED 1986, AND DRAWINGS FROM WISCONSIN PUBLIC SERVICE CORP., WSK509.DWG AND STPTGAS.DWG. GAS LINE TAKEN FROM WSK509.DWG AND ABANDONED GAS LINE TAKEN FROM WPSC W.O. 0013098081, STEVENS POINT AREA MAP NO. 2106-252. ALL LOCATIONS INCLUDING UTILITIES ARE APPROXIMATE. STATE PLANE COORDINATES FOR SOIL BORINGS (B-1XX), HYDRO-PUNCH BORINGS (HP-1XX), MONITORING WELLS OW-1 THROUGH OW-8 AND PIEZOMETER P5B INSTALLED BY SIMON HYDRO-SEARCH WERE ESTABLISHED IN SURVEYS CONDUCTED IN 1993 BY KIEDROWSKI ENGINEERING, INC. STATE PLANE COORDINATES ESTABLISHED BY WISCONSIN PUBLIC SERVICE IN 1998 INCLUDING MONITORING WELLS OW-1 THROUGH OW-4, OW-6 THROUGH OW-8 AND PIEZOMETER P5B INDICATE AN AVERAGE DISCREPANCY IN THE KIEDROWSKI LOCATIONS OF 22.42 FEET IN A DIRECTION 196°22'13" FROM NORTH. REVISED MONITORING WELL AND PIEZOMETER LOCATIONS SURVEYED BY WPSC ARE SHOWN. SIMON HYDRO-SEARCH SOIL BORING AND HYDRO-PUNCH LOCATIONS COULD NOT BE RELOCATED IN THE FIELD, AND THEREFORE, WERE NOT MODIFIED.

DRAWN BY: TAS | DATE: 7/28/98
CHECKED BY: SG | DATE: 9/3/98
APPROVED BY: LJP | DATE: 9·15·98
AUTOCAD FILE: 1177-B03.DWG

REMAINING SOIL QUALITY-EXCAVATION AREA 3
(TOTAL BTEX AND BENZENE)

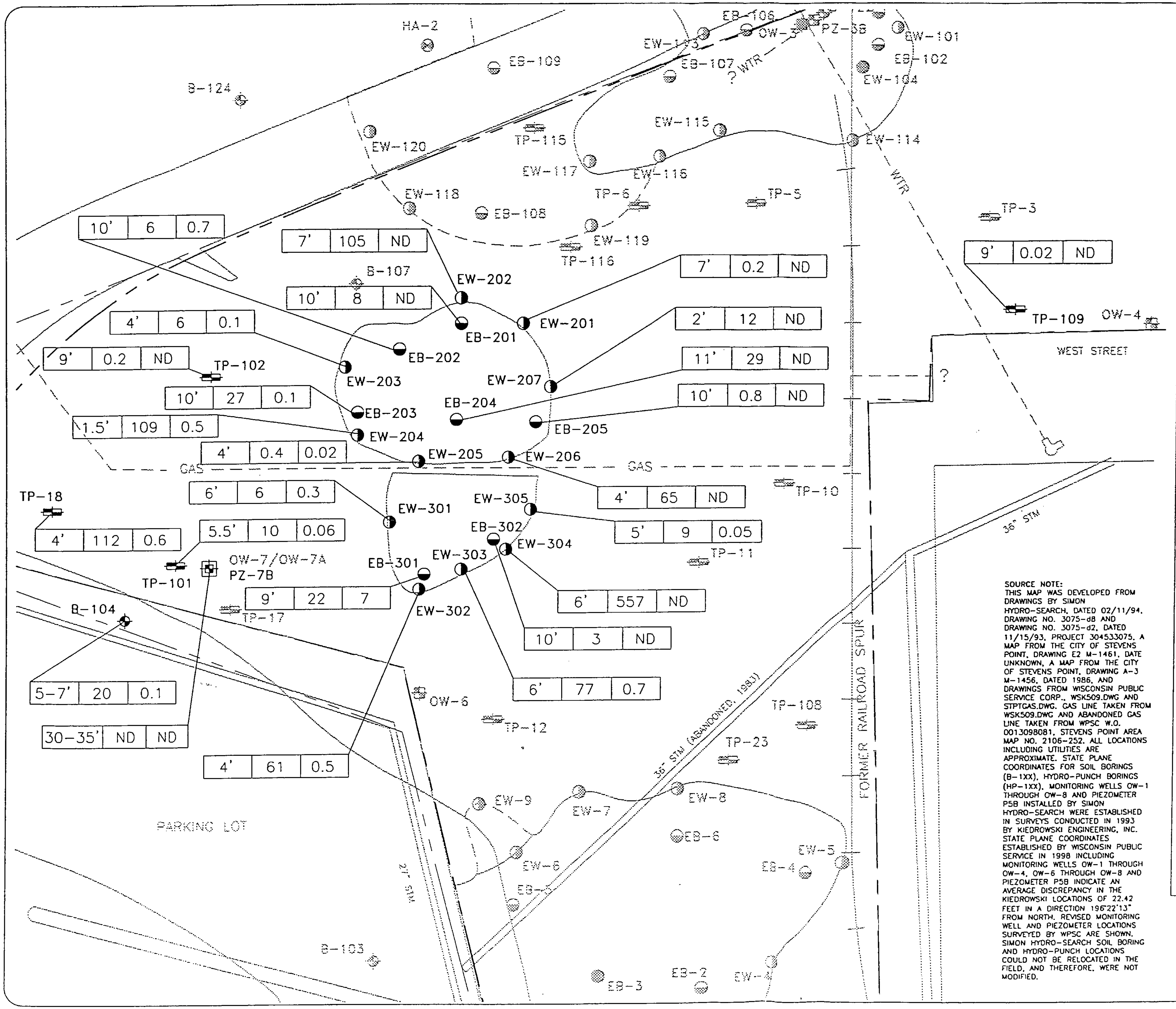
REMEDIAL ACTION DOCUMENTATION REPORT
STEVENS POINT MGP SITE - WPSC
STEVENS POINT, WISCONSIN

Natural
Resource
Technology

PROJECT NO.
1177/8.6/STPT

DRAWING NO.
1177-B03

FIGURE NO.
9



LEGEND

SAMPLE DEPTH (FEET BGS)	TOTAL PAHs (mg/kg)	NAPHTHALENE (mg/kg)

TP-3	TEST PIT
B-124	BOREHOLE
EB-201	EXCAVATION BASE SAMPLE
EW-201	EXCAVATION WALL SAMPLE
HA-1	HAND AUGER
OW-3	ABANDONED INVESTIGATION WELL
OW-6	INVESTIGATION WELL
P5B	BEDROCK WELL
OW-7/OW-7A PZ-7B	NESTED MONITORING WELL/BEDROCK WELL
	DEEP EXCAVATION
	SHALLOW EXCAVATION
	HYDRANT
Ø	UTILITY POLE
— — WTR — —	WATER LINE
— — GAS — —	GAS LINE
STM	STORM SEWER
?	PRECISE LOCATION UNKNOWN
	FORMER RAILROAD
BGS	BELOW GROUND SURFACE
PAHs	POLYNUCLEAR AROMATIC HYDROCARBONS
NA	NOT ANALYZED
ND	NOT DETECTED
mg/kg	MILLIGRAMS PER KILOGRAM

NOTE:
CONCENTRATIONS ≥ 1 ARE ROUNDED TO THE NEAREST WHOLE NUMBER. CONCENTRATIONS < 1 ARE ROUNDED TO ONE SIGNIFICANT DIGIT.

N

0 20 40 80

SCALE IN FEET

SOURCE NOTE:
THIS MAP WAS DEVELOPED FROM DRAWINGS BY SIMON HYDRO-SEARCH, DATED 02/11/94, DRAWING NO. 3075-d8 AND DRAWING NO. 3075-d2, DATED 11/15/93, PROJECT 304533075. A MAP FROM THE CITY OF STEVENS POINT, DRAWING E2 M-1461, DATE UNKNOWN, A MAP FROM THE CITY OF STEVENS POINT, DRAWING A-3 M-1456, DATED 1986, AND DRAWINGS FROM WISCONSIN PUBLIC SERVICE CORP., WSK509.DWG AND STPTGAS.DWG. GAS LINE TAKEN FROM WSK509.DWG AND ABANDONED GAS LINE TAKEN FROM WPSC W.O. 0013098081, STEVENS POINT AREA MAP NO. 2106-252. ALL LOCATIONS INCLUDING UTILITIES ARE APPROXIMATE. STATE PLANE COORDINATES FOR SOIL BORINGS (B-1XX), HYDRO-PUNCH BORINGS (HP-1XX), MONITORING WELLS OW-1 THROUGH OW-8 AND PIEZOMETER P5B INSTALLED BY SIMON HYDRO-SEARCH WERE ESTABLISHED IN SURVEYS CONDUCTED IN 1993 BY KIEDROWSKI ENGINEERING, INC. STATE PLANE COORDINATES ESTABLISHED BY WISCONSIN PUBLIC SERVICE IN 1998 INCLUDING MONITORING WELLS OW-1 THROUGH OW-4, OW-6 THROUGH OW-8 AND PIEZOMETER P5B INDICATE AN AVERAGE DISCREPANCY IN THE KIEDROWSKI LOCATIONS OF 22.42 FEET IN A DIRECTION 196°22'13" FROM NORTH. REVISED MONITORING WELL AND PIEZOMETER LOCATIONS SURVEYED BY WPSC ARE SHOWN. SIMON HYDRO-SEARCH SOIL BORING AND HYDRO-PUNCH LOCATIONS COULD NOT BE RELOCATED IN THE FIELD, AND THEREFORE, WERE NOT MODIFIED.

DRAWN BY: TAS DATE: 7/28/98
CHECKED BY: DATE: 9/15/98
APPROVED BY: LJP DATE: 9.15.98
AUTOCAD FILE: 1177-B06.DWG

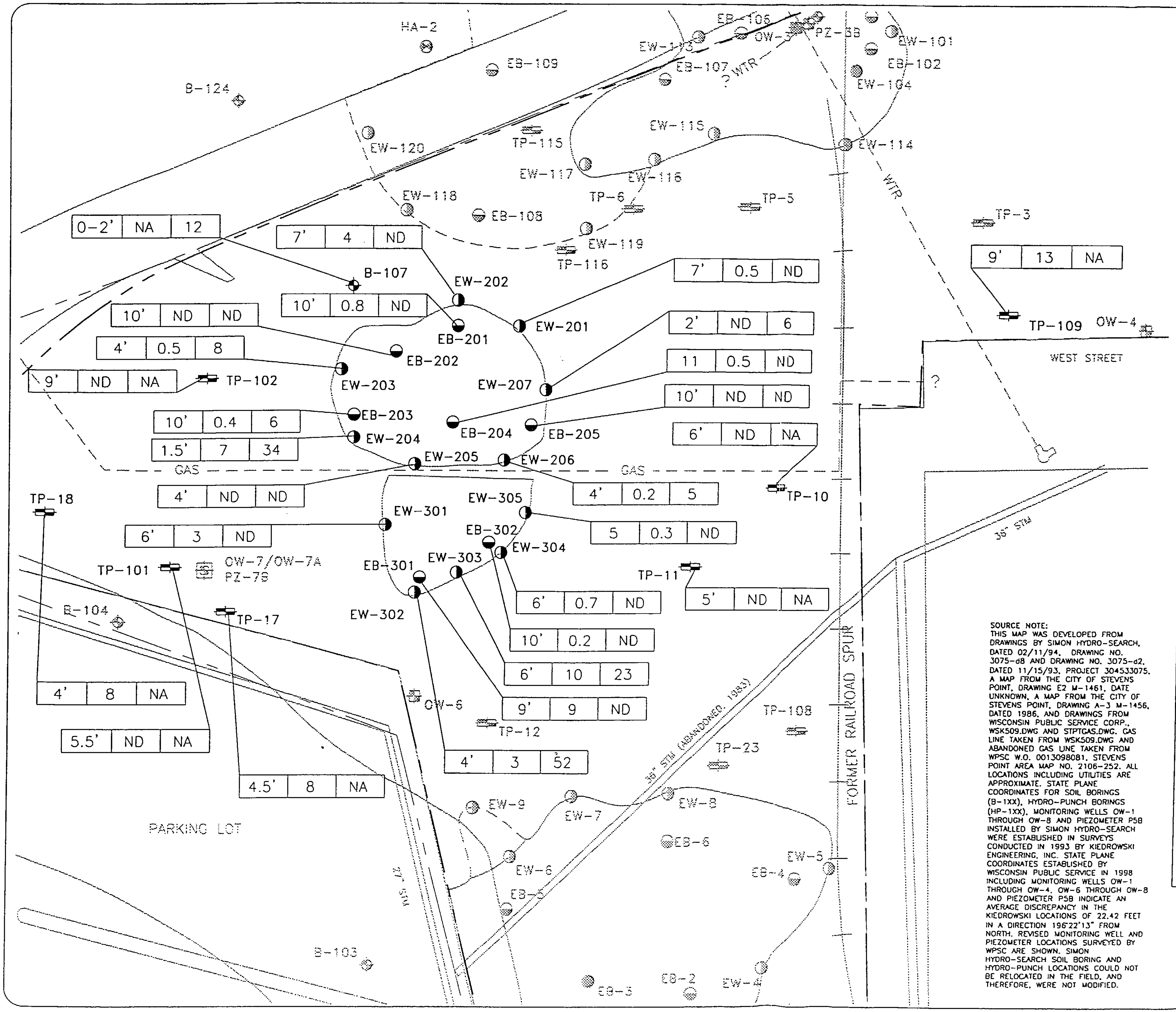
REMAINING SOIL QUALITY–EXCAVATION AREA 3 (TOTAL PAHs AND NAPHTHALENE)
REMEDIAL ACTION DOCUMENTATION REPORT
STEVENS POINT MGP SITE – WPSC
STEVENS POINT, WISCONSIN

Natural Resource Technology

PROJECT NO. 1177/8.6/STPT

DRAWING NO. 1177-B06

FIGURE NO. 10



SOURCE NOTE:
THIS MAP WAS DEVELOPED FROM DRAWINGS BY SIMON HYDRO-SEARCH, DATED 02/11/94, DRAWING NO. 3075-d8 AND DRAWING NO. 3075-d2, DATED 11/15/93, PROJECT 304533075. A MAP FROM THE CITY OF STEVENS POINT, DRAWING E2 M-1461, DATE UNKNOWN, A MAP FROM THE CITY OF STEVENS POINT, DRAWING A-3 M-1456, DATED 1986, AND DRAWINGS FROM WISCONSIN PUBLIC SERVICE CORP., WSK509.DWG AND STPTGAS.DWG. GAS LINE TAKEN FROM WSK509.DWG AND ABANDONED GAS LINE TAKEN FROM WPSC W.O. 0013098081, STEVENS POINT AREA MAP NO. 2106-252. ALL LOCATIONS INCLUDING UTILITIES ARE APPROXIMATE. STATE PLANE COORDINATES FOR SOIL BORINGS (B-1XX), HYDRO-PUNCH BORINGS (HP-1XX), MONITORING WELLS OW-1 THROUGH OW-8 AND PIEZOMETER P5B INSTALLED BY SIMON HYDRO-SEARCH WERE ESTABLISHED IN SURVEYS CONDUCTED IN 1993 BY KIEDROWSKI ENGINEERING, INC. STATE PLANE COORDINATES ESTABLISHED BY WISCONSIN PUBLIC SERVICE IN 1998 INCLUDING MONITORING WELLS OW-1 THROUGH OW-4, OW-6 THROUGH OW-8 AND PIEZOMETER P5B INDICATE AN AVERAGE DISCREPANCY IN THE KIEDROWSKI LOCATIONS OF 22.42 FEET IN A DIRECTION 196°22'13" FROM NORTH. REVISED MONITORING WELL AND PIEZOMETER LOCATIONS SURVEYED BY WPSC ARE SHOWN. SIMON HYDRO-SEARCH SOIL BORING AND HYDRO-PUNCH LOCATIONS COULD NOT BE RELOCATED IN THE FIELD, AND THEREFORE, WERE NOT MODIFIED.

LEGEND

SAMPLE DEPTH (FEET BGS)	TOTAL CYANIDE (mg/kg)	LEAD (mg/kg)

TP-3	TEST PIT
B-124 ⊕	BOREHOLE
EB-201 ⊖	EXCAVATION BASE SAMPLE
EW-201 ◑	EXCAVATION WALL SAMPLE
HA-1 ⊗	HAND AUGER
OW-3 ■	ABANDONED INVESTIGATION WELL
OW-6	INVESTIGATION WELL
P5B	BEDROCK WELL
OW-7/OW-7A PZ-7B	NESTED MONITORING WELL/BEDROCK WELL
———	DEEP EXCAVATION
— — —	SHALLOW EXCAVATION
	HYDRANT
Ø	UTILITY POLE
— — WTR — —	WATER LINE
— — GAS — —	GAS LINE
STM	STORM SEWER
?	PRECISE LOCATION UNKNOWN
+++++++	FORMER RAILROAD
BGS	BELOW GROUND SURFACE
NA	NOT ANALYZED
ND	NOT DETECTED
mg/kg	MILLIGRAMS PER KILOGRAM

NOTE:
CONCENTRATIONS ≥ 1 ARE ROUNDED TO THE NEAREST WHOLE NUMBER. CONCENTRATIONS < 1 ARE ROUNDED TO ONE SIGNIFICANT DIGIT.

N

0 20 40 80
SCALE IN FEET

DRAWN BY: TAS	DATE: 7/28/98
CHECKED BY: SCL	DATE: 9/15/98
APPROVED BY: WJP	DATE: 9-15-98

AUTOCAD FILE: 1177-B09.DWG

REMAINING SOIL QUALITY–EXCAVATION AREA 3
(TOTAL CYANIDE AND LEAD)

REMEDIAL ACTION DOCUMENTATION REPORT
STEVENS POINT MGP SITE – WPSC
STEVENS POINT, WISCONSIN

Natural Resource Technology

PROJECT NO.
1177/8.6/STPT

DRAWING NO.
1177-B09

FIGURE NO.
11

Table 1 - Soil Analytical Results - Test Pits
Remedial Action Documentation Report
Former Stevens Point Manufactured Gas Plant Site - WPSC

		BTEX (µg/kg)					PAHs (mg/kg)																			Inorganics (mg/kg)			
Sample ID	Sample Depth (ft)	Benzene	Ethylbenzene	Toluene	Xylenes (total)	Total BTEX	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenzo(a)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	1-Methylnaphthalene	2-Methylnaphthalene	Naphthalene	Phenanthrene	Pyrene	Total PAHs	Cyanide (Total)	Cyanide (Amenable)	Cyanide (Dissociable)	Lead (Total)
TP-101	5.5	--	--	--	--	--	nd	0.36	0.19	0.77	0.9	0.96	1.6	0.69	0.93	0.28	0.74	nd	0.88	0.04	0.052	0.061	0.39	1.5	10.3	nd	--	--	--
TP-102	9	nd	nd	nd	nd	nd	nd	nd	nd	0.022	0.027	0.02	nd	0.022	0.019	nd	0.024	nd	0.022	nd	nd	nd	nd	0.026	0.18	nd	--	--	--
TP-105	1.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	330	<680	190	--
TP-105	5	--	--	--	--	--	0.32	nd	2.0	11	13	11	9.0	8.3	9.8	2.5	15	nd	10	nd	nd	0.39	5.7	13	111	4.2	--	--	--
TP-107	5	nd	nd	nd	nd	nd	0.19	0.13	0.95	5.1	7.9	6.9	4.6	4.1	4.6	1.7	5.1	0.14	5.6	nd	nd	0.21	2.3	4.7	54.2	3.3	--	--	310
TP-108	5	nd	nd	nd	nd	nd	nd	5.4	11	28	30	22	13	18	25	4.7	35	nd	15	nd	nd	nd	1.3	47	255.4	6.4	--	-	1.4
TP-109	9	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	0.02	nd	nd	nd	nd	nd	nd	0.02	13	--	--	--
TP-110	2	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	0.29	nd	--
TP-110	9.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1.3	1.3	nd	--
TP-111	6	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	550	540	29	--
TP-112	0.5	--	--	--	--	--	0.021	0.044	0.078	0.45	0.59	0.6	0.42	0.35	0.47	0.11	0.69	0.022	0.46	nd	nd	0.03	0.26	0.65	5.2	0.29	nd	nd	44
TP-113	0.5	--	--	--	--	--	0.046	nd	0.09	0.17	0.19	0.19	0.14	0.13	0.19	0.034	0.45	0.034	0.15	nd	nd	0.036	0.32	0.36	2.5	nd	nd	nd	8.9
TP-115	5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1.0	1.0	nd	--
TP-116	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	59
TP-116	5.5	nd	nd	42	116	158	nd	0.14	0.09	0.7	1.4	0.97	1.2	0.69	0.77	0.32	0.5	nd	1.1	nd	nd	0.057	0.15	0.73	8.8	0.85	--	--	--
TP-117	4	1,500	120	1,400	1,100	4,120	2.4	5.7	3.4	20	35	32	35	24	21	11	16	1.5	39	1.9	2.6	11	7.9	17	286.4	70	--	--	--
TP-120	1	--	--	--	--	--	0.062	0.036	0.16	0.82	1.4	1.1	1.0	0.82	0.8	0.35	0.97	0.048	1.1	nd	0.036	0.049	0.46	0.87	10.1	0.37	--	--	--
HA-1	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.31	--	--	--
HA-2	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	nd	--	--	--
HA-3	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	2	--	--	--
HA-4	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	nd	--	--	--
Groundwater Pathway RCL		0.0055	2.9	1.5	4.1	ns	38	0.7	3,000	17	48	360	6,800	870	37	38	500	100	680	23	20	0.4	1.8	8,700	ns	ns	ns	ns	ns
Direct Contact Path.-Non-indust. RCL		ns	ns	ns	ns	ns	900	18	5,000	0.088	0.0088	0.088	1.8	0.88	8.8	0.0088	600	600	0.088	1,100	600	20	18	500	ns	ns	ns	ns	50
Direct Contact Path.-Industrial RCL		ns	ns	ns	ns	ns	60,000	360	300,000	3.9	0.39	3.9	39	39	390	0.39	40,000	40,000	3.9	70,000	40,000	110	390	30,000	ns	ns	ns	ns	500
US EPA Residential PRGs		0.63	230	790	320	ns	110	ns	5.7	0.61	0.061	0.61	ns	6.1	7.2	0.061	2,600	90	0.61	ns	ns	240	ns	100	ns	ns	ns	1,300	400
US EPA Industrial PRGs		1.4	230	880	320	ns	110	ns	5.7	2.6	0.26	2.6	ns	26	7.2	0.26	27,000	90	2.6	ns	ns	240	ns	100	ns	ns	ns	1,400	1,000

by: DVP
chk'd by: SLF

Notes:

1. nd = parameter not detected above laboratory detection limit.
2. -- = parameter not analyzed.
3. TP samples were collected March 3-5, 1998.
4. HA samples were collected March 26, 1998.
5. RCL = WDNR generic Residual Contaminant Level.
6. PRG = US EPA Region 9 Preliminary Remediation Goals for direct contact.
7. PRGs assume all dissociable cyanide as free cyanide.
8. Sample depths measured with respect to pre-remedial ground surface elevations.

Table 2 - Soil Analytical Results - Surface Soil
Remedial Action Documentation Report
Former Stevens Point Manufactured Gas Plant Site - WPSC

					BTEX (mg/kg)					Polynuclear Aromatic Hydrocarbons (mg/kg)																						
Sample ID	Sample Date	Sample Location	Pile Treated prior to Backfill (Y/N)	Field PID Reading (ppm)	Benzene	Ethylbenzene	Toluene	Xylenes	Total BTEX	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene [C][POM]	Benzo(a)pyrene [C][POM]	Benzo(b)fluoranthene [C][POM]	Benzo(g,h,i)perylene	Benzo(k)fluoranthene [C]	Chrysene [C]	Dibenzo(a,h)anthracene [C][POM]	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene [C][POM]	1-Methylnaphthalene	2-Methylnaphthalene	Naphthalene	Phenanthrene	Pyrene	Total PAHs	Total Carc. PAHs (mg/kg)	Lead (mg/kg)	Cyanide, Total (mg/kg)
CLN-1	4/1/98	Pile 1 southwest	Y	15.4	nd	nd	0.04	0.09	0.13	<0.58	**1.8**	4.7	19	16	11	7.6	13	17	3.3	38	0.91	7.1	<0.64	0.64	**1.6**	**10**	30	**181.7**	**86.4**	37	2
CLN-2	4/1/98	Pile 1 southwest	Y	3.6	nd	nd	0.04	0.04	0.08	0.15	0.53	1	5.9	6.5	4.4	3.4	5.1	5.6	1.5	9.3	0.27	3.1	<0.17	<0.15	**0.42**	**2.7**	7.7	**57.57**	**32.1**	32	0.33
CLN-3	4/2/98	Pile 2 eastern	N	24	nd	nd	0.04	0.07	0.11	0.1	0.28	0.68	3.6	4.2	3.4	2.6	3.5	3.7	1.2	5.1	0.12	2.3	0.19	0.28	0.33	1.7	4	37.28	**21.9**	57	0.92
CLN-4	4/2/98	Pile 2 eastern	N	2.7	nd	0.05	0.24	0.48	0.77	0.07	0.27	0.46	2.2	2.1	2	1.2	1.8	2.4	0.63	3.2	0.13	1	1.8	2.4	**1.8**	**1.9**	2.3	27.66	**12.13**	51	0.28
CLN-5	4/7/98	NW corner of site	N	1.8	nd	nd	nd	nd	nd	nd	nd	nd	0.05	0.05	0.06	0.04	0.04	0.05	nd	0.07	nd	0.03	nd	nd	nd	0.27	0.06	0.706	0.273	21	1.2
CLN-6	4/7/98	NW corner of site	N	2.3	nd	nd	nd	nd	nd	0.03	0.09	0.17	0.56	0.54	0.6	0.33	0.36	0.49	0.14	0.86	0.06	0.32	0.02	0.29	0.06	0.45	0.6	5.963	3.01	21	2.2
CLN-7	4/22/98	Crosby Ave.	Y	15.3	nd	nd	nd	nd	nd	0.83	1.5	2.9	12	17	12	10	13	11	2.8	19	1.4	9.1	0.43	nd	nd	6.2	16	135.2	76.9	9.7	0.67
Thermal Treatment Performance Criteria					0.03	2.9	1.5	4.1	nc	nc	0.7	nc	nc	nc	nc	nc	nc	nc	nc	nc	nc	nc	nc	nc	0.4	1.8	nc	50	10	50	50

Notes:
1. [POM] = Polycyclic Organic Matter according to NR 445, Table 3. Consist of benzo(a)anthracene, benzo(a) pyrene, benzo(b) fluoranthene, dibenzo (a,h) anthracene, indeno (1,2,3 - cd) pyrene.
2. [C] = Carcinogenic, classified as B2, probable human carcinogen.
3. Backfill RCLs (Residual Contaminant Levels) are the same as the Thermal Treatment Performance Criteria.
4. nc = no backfill RCL criteria
5. Pile 1 is the top 4" of soil from the southwest treated soil staging area.
6. Pile 2 is the top 4" of soil from eastern portion of site (east of eastern excavation).
7. nd = parameter not detected above laboratory detection limit
8. bold indicates concentration above thermal treatment performance criteria

By: kmz
Checked by: slm

Table 3 - Soil Analytical Data - Excavation Base & Sidewall
Remedial Action Documentation Report
Former Stevens Point Manufactured Gas Plant Site - WPSC

				BTEX (mg/kg)					Polynuclear Aromatic Hydrocarbons (mg/kg)																								
Sample ID	Sample Date	Sample Depth (feet BGS)	Field PID Reading (ppm)	Benzene	Ethylbenzene	Toluene	Xylenes	Total BTEX	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene [C][POM]	Benzo(a)pyrene [C][POM]	Benzo(b)fluoranthene [C][POM]	Benzo(g,h,i)perylene	Benzo(k)fluoranthene [C]	Chrysene [C]	Dibenzo(a,h)anthracene [C][POM]	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene [C][POM]	1-Methylnaphthalene	2-Methylnaphthalene	Naphthalene	Phenanthrene	Pyrene	Total PAHs	Total Carc. PAHs (mg/kg)	Cyanide, Total (mg/kg)	Cyanide, Amenable (mg/kg)	Cyanide, Dissociable (mg/kg)	Lead (mg/kg)	Total Organic Carbon (mg/kg)
EXCAVATION SIDEWALL SAMPLES REPRESENTING REMAINING SOIL QUALITY																																	
EW-1 (6)	3/30/98	6	0.8	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	1.5	–	–	–	–
EW-2 (2)	3/30/98	2	1.1	nd	nd	0.06	0.113	0.173	2.3	2.3	11	68	63	61	34	43	60	18	81	2.1	35	0.99	1.6	3.7	32	68	586.99	348	41	–	–	77	–
EW-3B (1.5)	5/14/98	1.5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	0.89	0.89	0.16	–	–
EW-3 (7)	4/1/98	7	1.0	nd	nd	0.039	0.044	0.083	0.46	0.37	1.5	11	14	13	7.5	6	8.6	2.8	12	0.26	7	0.39	0.54	0.65	5	10	101.07	62.4	12	–	–	–	–
EW-4 (4)	4/6/98	4	9.5	nd	nd	nd	nd	nd	nd	nd	0.13	0.95	1	0.83	0.44	0.64	0.77	0.18	1.2	nd	0.45	nd	nd	nd	0.38	0.9	7.87	4.82	28	–	–	420	–
EW-5 (4)	4/6/98	4	8.7	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	–	–	–	–
EW-6 (5)	4/7/98	5	5.9	nd	nd	nd	0.033	0.033	nd	3.1	5.5	41	29	38	15	29	34	7	49	nd	16	nd	nd	nd	9.7	41	317.3	194	42	–	–	320	–
EW-7 (6)	4/14/98	6	3.8	nd	nd	0.063	0.13	0.193	nd	0.83	0.91	6.6	8.4	5	4.5	4.3	6.5	1.1	6.1	nd	3.2	nd	0.44	0.58	2.3	9.8	60.56	35.1	0.8	–	–	–	13,000
EW-8 (5)	4/14/98	5	3.2	nd	nd	0.081	0.177	0.258	nd	7.9	19	59	50	50	17	27	45	7.2	49	nd	18	nd	1.3	5	3.6	41	400	256.2	8.7	–	–	–	–
EW-9 (1.5)	5/15/98	1.5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	35	–	–	38	–
EW-101 (6)	4/15/98	6	459	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	0.11	nd	nd	0.11	nd	29	–	–	nd	–
EW-103 (9)	4/15/98	9	15.4	nd	nd	nd	nd	nd	nd	0.019	0.05	0.27	0.29	0.24	0.14	0.18	0.22	0.061	0.28	0.019	0.14	nd	0.017	0.11	0.13	0.2	2.366	1.401	2.9	–	–	52	–
EW-105 (6)	4/20/98	6	6.9	nd	0.79	nd	0.043	0.833	0.75	1.6	4.7	19	19	12	7.7	18	15	3.1	31	3.9	8.2	1	nd	1.8	9.3	26	182.05	94.3	6.2	–	–	–	–
EW-105 (9)	4/27/98	9	6.9	nd	nd	nd	nd	nd	nd	nd	0.037	0.21	0.23	0.21	0.18	0.2	0.19	0.047	0.24	nd	0.15	0.019	nd	0.14	0.72	0.21	2.783	1.237	2.3	–	–	4.6	–
EW-106 (5.5)	4/21/98	5.5	28	0.071	5.1	0.16	0.78	6.111	3.3	7.2	18	47	35	33	27	47	41	6.8	120	25	27	25	17	28	120	91	718.3	236.8	270	–	–	1700	–
EW-107 (1.5)	4/21/98	1.5	57.1	nd	nd	nd	nd	nd	nd	nd	nd	0.03	0.039	0.029	0.028	0.032	0.025	nd	0.045	nd	0.025	nd	nd	0.033	0.02	0.035	0.341	0.18	0.07	–	–	nd	–
EW-108 (1.5)	4/21/98	1.5	61.8	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	0.05	–	–	9.5	–
EW-109 (1.5)	4/21/98	1.5	42.4	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	0.05	–	–	4.6	–
EW-110 (1.5)	4/21/98	1.5	32.4	nd	nd	nd	nd	nd	nd	nd	nd	nd	0.017	nd	nd	nd	nd	nd	0.021	nd	nd	nd	nd	nd	0.018	nd	0.056	0.017	0.05	–	–	nd	–
EW-111 (5)	4/27/98	5	19.6	nd	1	0.18	0.11	1.29	0.12	0.17	0.31	1.6	1.8	2.2	1.5	1.5	1.6	0.46	2.5	0.2	1.4	0.12	0.15	0.43	1.1	1.9	19.06	10.56	48	–	–	100	–
EW-112 (7)	4/27/98	7	44.9	nd	nd	nd	nd	nd	0.027	0.12	0.12	0.62	0.84	0.78	0.62	0.6	0.56	0.18	0.72	0.05	0.57	0.042	0.058	0.16	0.22	0.62	6.907	4.15	0.48	–	–	11	–
EW-113 (6)	4/29/98	6	2.8	nd	nd	nd	0.033	0.033	0.093	0.13	0.31	1.2	1.5	1.2	0.92	1.2	1.1	0.29	1.8	0.14	0.9	0.2	0.19	0.36	0.79	1.4	13.723	7.39	1.5	–	–	32	–
EW-114 (5)	4/30/98	5	0.6	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	–	–	nd	–
EW-115 (7)	4/30/98	7	28.2	nd	nd	0.054	0.162	0.216	0.1	0.46	0.56	0.98	1.3	0.98	0.75	0.9	0.82	0.21	1.6	0.4	0.69	0.35	0.48	1.8	1.2	1.4	14.98	5.88	0.12	–	–	41	–
EW-116 (7)	5/5/98	7	0.8	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	0.31	–	–	nd	–
EW-117 (6)	5/5/98	6	0.5	nd	nd	nd	nd	nd	nd	0.39	0.33	1.4	2.7	1.9	1.6	1.9	1.7	0.52	1.5	nd	1.1	0.066	0.24	0.15	0.61	2.9	19.006	11.22	4.5	–	–	33	–
EW-118 (1.5)	5/5/98	1.5	0	nd	nd	nd	nd	nd	0.047	0.23	0.46	1.4	2.1	2.4	1.4	2.1	1.6	0.63	2.3	0.057	1.3	nd	0.1	0.2	0.68	1.9	18.904	11.53	13	–	–	58	–
EW-119 (1.5)	5/6/98	1.5	1.3	nd	nd	0.036	0.071	0.107	nd	2	1.2	8.2	12	12	8.9	12	8.4	3.1	12	nd	7.3	nd	0.35	nd	1.2	13	101.65	63	6.2	–	–	45	–
EW-120 (1.5)	5/13/98	1.5	0.9	nd	nd	0.037	0.04	0.077	nd	1	1.5	8.7	11	12	5.5	8.7	8.1	1.9	14	0.47	5.1	nd	nd	0.57	3.4	14	95.94	55.5	1.3	–	–	150	–
EW-201 (7)	5/12/98	7	4.8	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	0.018	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	0.018	nd	0.5	–	–	nd	–
EW-202 (7)	5/12/98	7	5.9	nd	nd	nd	nd	nd	nd	3.3	0.51	1.7	27	18	17	11	6.6	3.8	1.2	nd	13	nd	nd	nd	nd	2.3	105.41	81.1	4.3	–	–	nd	–
EW-203 (4)	5/12/98	4	6.4	nd	nd	nd	nd	nd	0.017	0.12	0.1	0.47	0.8	0.56	0.62	0.55	0.44	0.16	0.69	0.034	0.51	0.026	0.041	0.1	0.21	0.69	6.138	3.49	0.49	–	–	8.4	–
EW-204 (1.5)	5/13/98	1.5	1.4	nd	nd	nd	0.028	0.028	0.37	2.1	1.9	9.2	14	9.7	7.3	9.3	8.6	2.2	13	0.55	5.9	nd	0.98	0.53	4.7	19	109.33	58.9	7.2	–	–	34	–
EW-205 (4)	5/14/98	4	5.8	nd	nd	nd	nd	nd	nd	nd	nd	0.039	0.061	0.04	0.033	0.038	0.034	nd	0.041	nd	0.028	nd	nd	0.017	nd	0.056	0.387	0.24	nd	–	–	nd	–
EW-206 (4)	5/14/98	4	2.4	nd	nd	0.033	0.035	0.068	nd	1.2	0.93	5.6	7.4	5.4	3.6	4.5	5.1	0.87	8.2	0.35	2.8	nd	0.49	nd	2.7	16	65.14	31.67	0.23	–	–	4.9	–
EW-207 (2)	5/14/98	2	3.2	nd	nd	nd	nd	nd	0.04	0.25	0.2	0.93	1.2	0.91	0.7	0.7	0.79	0.19	1.4	0.93	0.56	nd	0.086	nd	0.64	2.2	11.726	5.28	nd	–	–	6.2	–
EW-301 (6)	5/19/98	6	38.4	nd	0.045	nd	0.142	0.187	0.13	0.57	0.41	0.17	0.16	0.086	0.063	0.085	0.15	nd	0.41	0.4	0.047	0.39	0.46	0.33	1.5	0.85	6.211	0.698	2.7	–	–	nd	–
EW-302 (4)	5/15/98	4	18.9	nd	nd	nd	nd	nd	0.18	0.93	0.77	4.8	9.9	7.1	7	5.7	4.9	1.8	3.8	0.3	5.3	nd	0.42	0.53	1.6	6.4	61.43	39.5	2.7	–	–	52	–
EW-303 (6)	5/15/98	6	22.3	nd	nd	nd	0.083	0.083	nd	2.3	2	7	9.1	11	2.9	5.4	6.1	1.2	12	0.69	3.4	0.28	0.28	0.73	2.9	9.9	77.18	43.2	10	–	–	23	–
EW-304 (6)	5/15/98	6	12.4	nd	0.076	nd	0.2	0.276	3.5	19	13	49	63	39	22	39	42	5.8	76	7	19	2.3	7.5	nd	20	130	557.1	256.8	0.7	–	–	nd	–
EW-305 (5)	5/15/98	5	10.9	nd	nd	0.031	0.028	0.059	nd	0.19	0.081	0.7	0.97	1.1	0.67	0.76	0.63	0.17	1.1	0.038	0.55	0.018	0.041	0.049	0.15	1.4	8.617	4.88	0.28	–	–	nd	–
SIDEWALL SAMPLES REMOVED THROUGH ADDITIONAL EXCAVATION																																	
EW-3 (2)	4/1/98	2	0.0	0.05	nd	0.1	0.075	0.225	nd	36	39	400	220	330	160	260	380	68	430	nd	170	nd	8	25	73	320	2919	1828	990	990	76	26	–
EW-102 (7)	4/15/98	7	6.4	nd	nd	nd	nd	nd	0.62	0.3	2	5.7	4.1	5	2.2	2.2	4.7	0.85	12	0.93	2	0.27	0.26	0.65	6.2	7.4	57.38	24.55	340	–	–	14	–
EW-104 (10)	4/15/98	10	6.6	nd	nd	nd	nd	nd	0.026	nd	nd	nd	nd	nd	nd	nd	nd	nd	0.025	0.049	nd	0.03	0.029	0.095	0.16	nd	0.414	nd	190	–	–	nd	–
INTERIM AND PRELIMINARY GUIDANCE LEVELS																																	
Groundwater Pathway RCL				0.0055	2.9	1.5	4.1	ns	38	0.7	3,000	17	48	360	6,800	870	37	38	500	100	680	23	20	0.4	1.8	8,700	ns	ns	ns	ns	ns	ns	ns
Direct Contact Pathway-Non-industrial RCL				ns	ns	ns	ns	ns	900	18	5,000	0.088	0.0088	0.088	1.8	0.88	8.8	0.0088	600	600	0.088	1,100	600	20	18	500	ns	ns	ns	ns	ns	50	ns
Direct Contact Pathway-Industrial RCL				ns	ns	ns	ns	ns	60,000	360	300,000	3.9	0.39	3.9	39	39	390	0.39	40,000	40,000	3.9	70,000	40,000	110	390	30,000	ns	ns	ns	ns	ns	500	ns
US EPA Residential PRGs				0.63	230	790	320	ns	110	ns	5.7	0.61	0.061	0.61	ns	6.1	7.2	0.061	2,600	90	0.61	ns	ns	240	ns	100	ns	ns	ns	ns	1,300	400	ns
US EPA Industrial PRGs				1.4	230	880	320	ns	110	ns	5.7	2.6	0.26	2.6	ns	26	7.2	0.26	27,000	90	2.6	ns	ns	240	ns	100	ns	ns	ns	ns	1,400	1,000	ns

Table 3, continued - Soil Analytical Data - Excavation Base & Sidewall

				BTEX (mg/kg)					Polynuclear Aromatic Hydrocarbons (mg/kg)																								
Sample ID	Sample Date	Sample Depth (feet BGS)	Field PID Reading (ppm)	Benzene	Ethylbenzene	Toluene	Xylenes	Total BTEX	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene [C][POM]	Benzo(a)pyrene [C][POM]	Benzo(b)fluoranthene [C][POM]	Benzo(g,h,i)perylene	Benzo(k)fluoranthene [C]	Chrysene [C]	Dibenzo(a,h)anthracene [C][POM]	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene [C][POM]	1-Methylnaphthalene	2-Methylnaphthalene	Naphthalene	Phenanthrene	Pyrene	Total PAHs	Total Carc. PAHs (mg/kg)	Cyanide, Total (mg/kg)	Cyanide, Amenable (mg/kg)	Cyanide, Dissociable (mg/kg)	Lead (mg/kg)	Total Organic Carbon (mg/kg)
EXCAVATION BASE SAMPLES REPRESENTING REMAINING SOIL QUALITY																																	
EB-1 (11)	4/1/98	11	3.2	0.11	0.1	nd	0.77	0.98	1.2	0.17	3.2	0.66	0.23	0.17	0.097	0.14	0.37	nd	4.3	2.6	0.092	0.51	0.16	1.5	5.1	3.5	23.999	1.662	nd	–	–	–	–
EB-2 (10)	3/30/98	10	1.7	nd	nd	nd	nd	nd	0.081	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	0.06	nd	0.039	nd	0.086	0.11	nd	0.376	nd	nd	–	–	–	–
EB-4 (8)	4/6/98	8	18.9	nd	nd	nd	nd	nd	3.2	nd	nd	nd	0.29	nd	nd	nd	nd	nd	nd	0.62	nd	1.6	nd	0.49	1.2	nd	7.4	0.29	0.94	–	–	–	–
EB-5 (12)	4/7/98	12	45.7	0.24	1.2	nd	1.54	2.98	31	nd	13	11	7.2	5.3	3.5	2.9	7.5	1.1	25	18	2.5	5.9	7.9	7.6	51	23	223.4	37.5	0.35	–	–	–	–
EB-6 (10)	4/7/98	10	53	nd	nd	nd	nd	nd	0.046	0.042	0.67	nd	nd	nd	nd	nd	nd	nd	0.32	1.1	nd	nd	0.089	0.35	0.77	0.41	3.797	nd	9.2	9.2	0.27	–	–
EB-101 (14)	4/14/98	14	4	nd	nd	nd	nd	nd	0.016	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	0.031	nd	nd	nd	0.15	0.078	nd	0.275	nd	85	–	–	nd	–
EB-102 (12)	4/14/98	12	8.6	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	0.7	–	–	nd	–
EB-103 (9)	4/20/98	9	83.2	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	0.035	0.11	0.034	nd	0.179	nd	2.5	–	–	–	–
EB-104 (2.5)	4/21/98	2.5	23	nd	0.038	nd	nd	0.038	0.39	0.38	1.3	4	4.7	4	2.6	3.6	3.6	0.75	8.3	0.55	2.5	0.23	0.25	5.7	3	7.3	53.15	23.15	0.27	–	–	79	–
EB-105 (9)	4/27/98	9	7.3	nd	nd	nd	nd	nd	nd	nd	0.037	0.21	0.23	0.21	0.18	0.2	0.19	0.047	0.24	nd	0.15	0.019	nd	0.14	0.072	0.21	2.135	1.237	2.3	–	–	4.6	–
EB-106 (10)	4/28/98	10	6.1	0.084	nd	nd	0.153	0.237	0.08	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	0.66	nd	0.2	1.3	5.7	1.4	nd	9.34	nd	nd	–	–	nd	–
EB-107 (10)	4/29/98	10	4.9	0.07	0.11	nd	0.196	0.376	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	0.026	nd	nd	0.02	0.024	1.2	0.031	0.022	1.323	nd	0.44	–	–	9.2	–
EB-108 (2)	5/6/98	2	0.4	0.038	nd	0.062	0.036	0.136	nd	1.1	2.7	14	21	17	9.8	16	13	4	24	0.29	9.2	nd	0.56	0.81	2.1	17	152.56	94.2	2.5	–	–	40	–
EB-109 (2)	5/13/98	2	–	0.031	0.029	0.08	0.179	0.319	0.17	0.38	0.75	2	2.6	3	1.6	1.5	1.9	0.53	2.9	0.44	1.5	0.23	0.35	0.84	1.7	3.2	25.59	13.03	1.1	–	–	24	–
EB-201 (10)	5/12/98	10	272	nd	0.03	nd	nd	0.03	1.5	nd	0.68	0.11	0.11	0.059	nd	0.059	0.08	nd	0.53	1.4	nd	0.062	0.046	nd	3.3	0.56	8.496	0.418	0.78	–	–	nd	–
EB-202 (10)	5/12/98	10	20.9	nd	nd	nd	nd	nd	0.13	0.07	0.33	0.28	0.23	0.11	0.087	0.13	0.18	0.02	0.7	0.19	0.071	0.047	0.21	0.7	0.99	1.1	5.575	1.021	nd	–	–	nd	–
EB-203 (10)	5/13/98	10	17.6	nd	nd	nd	nd	nd	0.36	0.53	0.92	1.8	2.8	1.8	1.2	1.9	1.6	0.31	3.1	1	1.1	0.14	0.16	0.12	4	4.3	27.14	11.31	0.44	–	–	6.4	–
EB-204 (11)	5/14/98	11	103	nd	nd	nd	nd	nd	0.74	2.3	1.8	1.1	1.3	0.56	0.55	0.74	0.95	nd	2.5	1.8	0.43	1.1	1.4	nd	7.5	4.4	29.17	5.08	0.52	–	–	nd	–
EB-205 (10)	5/14/98	10	208	nd	nd	nd	nd	nd	0.02	nd	0.068	0.045	0.04	nd	nd	0.018	0.027	nd	0.11	0.043	nd	nd	nd	nd	0.24	0.2	0.811	0.13	nd	–	–	nd	–
EB-301 (9)	5/15/98	9	115	0.052	0.23	0.16	0.47	0.912	0.32	1.7	1.2	nd	nd	nd	nd	nd	nd	nd	1.5	2.9	nd	1.3	1.3	7.2	3.8	0.97	22.19	nd	8.5	–	–	nd	–
EB-302 (10)	5/15/98	10	21.1	nd	nd	nd	nd	nd	0.038	0.062	0.31	0.11	0.06	0.036	0.021	0.028	0.066	nd	0.33	0.2	nd	0.025	0.025	nd	1.1	0.66	3.071	0.3	0.21	–	–	nd	–
BASE SAMPLES REMOVED THROUGH ADDITIONAL EXCAVATION																																	
EB-3 (10)	4/1/98	10	1039	96	110	170	251	627	400	960	2300	520	730	450	310	540	2100	nd	2700	1800	320	1600	2900	15000	5100	2200	39930	4660	8.8	–	–	–	–
EB-7 (12)	4/13/98	12	1390	2.8	6.3	4.9	15.8	29.8	280	210	530	240	140	120	61	90	170	29	600	350	61	330	450	2100	900	350	7011	850	5.4	–	–	8.6	–
INTERIM AND PRELIMINARY GUIDANCE LEVELS																																	
Groundwater Pathway RCL				0.0055	2.9	1.5	4.1	ns	38	0.7	3,000	17	48	360	6,800	870	37	38	500	100	680	23	20	0.4	1.8	8,700	ns	ns	ns	ns	ns	ns	ns
Direct Contact Pathway-Non-industrial RCL				ns	ns	ns	ns	ns	900	18	5,000	0.088	0.0088	0.088	1.8	0.88	8.8	0.0088	600	600	0.088	1,100	600	20	18	500	ns	ns	ns	ns	ns	50	ns
Direct Contact Pathway-Industrial RCL				ns	ns	ns	ns	ns	60,000	360	300,000	3.9	0.39	3.9	39	39	390	0.39	40,000	40,000	3.9	70,000	40,000	110	390	30,000	ns	ns	ns	ns	ns	500	ns
US EPA Residential PRGs				0.63	230	790	320	ns	110	ns	5.7	0.61	0.061	0.61	ns	6.1	7.2	0.061	2,600	90	0.61	ns	ns	240	ns	100	ns	ns	ns	ns	1,300	400	ns
US EPA Industrial PRGs				1.4	230	880	320	ns	110	ns	5.7	2.6	0.26	2.6	ns	26	7.2	0.26	27,000	90	2.6	ns	ns	240	ns	100	ns	ns	ns	ns	1,400	1,000	ns

Notes:

1. [POM] = Polycyclic Organic Matter according to NR 445, Table 3. Consist of benzo(a)anthracene, benzo(a) pyrene, benzo(b) fluoranthene, dibenzo (a,h) anthracene, indeno (1,2,3 - cd) pyrene.
2. [C] = Carcinogenic, classified as B2, probable human carcinogen.
3. -- = parameter not analyzed
4. nd = parameter not detected above laboratory detection limit
5. RCL = WDNR generic Residual Contaminant Level
6. PRG = US EPA Region 9 Preliminary Remediation Goals for direct contact.
7. PRGs assume all dissociable cyanide as free cyanide.
8. Sample depths measured with respect to pre-remedial ground surface elevations.
9. Shaded sample results denote sample area was excavated and treated.

By: kmz
Checked by: slm

Table 4 - Soil Analytical Results - Pre-Treatment Soil
Remedial Action Documenation Report
Former Stevens Point Manufactured Gas Plant Site - WPSC

				BTEX & Naphthalene (mg/kg)						Polynuclear Aromatic Hydrocarbons (mg/kg)																						
Sample ID	Sample Date	Percent Solids	Moisture Content (by weight)	Benzene	Ethylbenzene	Toluene	Xylenes	Total BTEX	Naphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene [C][POM]	Benzo(a)pyrene [C][POM]	Benzo(b)fluoranthene [C][POM]	Benzo(g,h,i)perylene	Benzo(k)fluoranthene [C	Chrysene [C]	Dibenzo(a,h)anthracene [C][POM]	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene [C][POM]	1-Methylnaphthalene	2-Methylnaphthalene	Naphthalene	Phenanthrene	Pyrene	Total PAHs	Total POMs (mg/kg)	Total Organics (mg/kg)	Lead (mg/kg)	Cyanide, Total (mg/kg)
PRE-0324-N	3/24/98	82.4	21.4%	1.6	6.4	2.6	13.8	24.4	310	67	20	62	66	55	39	22	43	56	12	150	54	22	41	65	260	180	110	1324	194	1348.4	170	12
PRE-0324-S	3/24/98	79.8	25.3%	nd	9.3	6.0	22.2	37.5	550	64	33	77	51	42	27	18	31	48	8.1	110	56	15	46	72	260	180	100	1238.1	143.1	1275.6	70	7.2
PRE-0330	3/30/98	79.4	25.9%	1.8	6.1	3.6	16	27.5	330	55	23	49	50	39	32	17	26	40	6.5	110	51	16	37	64	170	150	81	1016.5	143.5	1044	170	13
PRE-0401	4/1/98	76.2	31.2%	1.0	3.5	2.9	12.8	20.2	210	45	43	65	72	56	58	24	28	53	8.9	150	59	24	45	81	190	180	110	1291.9	218.9	1312.1	150	17
PRE-0406	4/6/98	80.2	24.7%	nd	7.4	6.9	25.3	39.6	480	54	81	120	93	71	61	33	49	83	12	210	100	32	78	130	340	280	160	1987	269	2026.6	200	30
PRE-0408	4/8/98	80.9	23.6%	nd	0.89	0.64	3.4	4.93	78	26	21	39	42	28	25	14	20	32	5.1	84	34	13	25	47	180	100	60	795.1	113.1	800.03	86	46
PRE-0415	4/15/98	83	20.5%	nd	8.2	7.6	29.3	45.1	490	57	69	120	99	64	61	29	37	72	12	210	92	28	80	130	390	270	130	1950	264	1995.1	86	13
PRE-0416	4/16/98	86.4	15.7%	nd	1.7	1.7	9	12.4	210	16	15	36	23	18	16	6.9	10	17	3	54	24	7.4	20	29	74	68	34	471.3	67.4	483.7	44	25
PRE-0420	4/20/98	81.6	22.5%	1	3.4	3.3	16.3	24	300	64	60	120	74	70	51	33	52	59	9.8	170	84	32	71	100	240	230	120	1639.8	236.8	1663.8	110	13
PRE-0422	4/22/98	85.3	17.2%	nd	1.7	1.8	7.7	11.2	150	25	65	93	51	55	30	33	48	46	6.3	180	49	28	42	46	85	240	180	1302.3	170.3	1313.5	42	27
PRE-0427	4/27/98	84.6	18.2%	nd	0.98	0.98	4.9	6.86	92	15	17	36	27	27	19	14	20	23	4.3	64	24	13	24	29	70	74	45	545.3	90.3	552.16	24	34
PRE-0428	4/28/98	74.1	35.0%	8.9	4.2	18	47	78.1	520	14	52	64	36	34	20	15	28	28	4.7	88	50	14	47	68	290	120	61	1033.7	108.7	1111.8	46	36
PRE-0505	5/5/98	87.1	14.8%	1.1	2.2	2.4	7.3	13	150	15	18	29	22	22	12	10	18	17	3.8	47	24	10	22	30	120	61	35	515.8	69.8	528.8	48	22
PRE-0506	5/6/98	85.8	16.6%	0.64	0.8	1.2	4.8	7.44	84	13	15	25	22	25	19	13	18	17	4	46	22	12	16	21	44	56	36	424	82	431.44	51	30
PRE-0512	5/12/98	91.2	9.6%	nd	0.052	nd	0.215	0.267	1.9	4.3	3.8	8.4	9.7	14	7.2	6.2	7.8	9.1	1.4	16	4.4	4.9	3.5	4.6	1.2	25	28	159.5	37.2	159.767	16	0.73
PRE-0513	5/13/98	89.8	11.4%	0.39	0.4	0.66	2.51	3.96	40	8.3	6.1	16	17	21	17	9.8	11	15	2.8	34	9.3	8.5	4.7	5.2	5.5	37	32	260.2	66.3	264.16	27	9.6
PRE-0519A	5/19/98	91.8	8.9%	nd	0.29	0.41	2.4	3.1	49	3	14	15	20	20	18	8.3	17	17	2.9	37	12	8.4	9.6	11	19	40	38	310.2	69.3	313.3	31	17
PRE-0519B	5/19/98	91.5	9.3%	nd	3	1.4	6	10.4	150	8.5	38	36	40	43	30	18	31	33	5.4	76	32	16	28	38	85	110	79	746.9	134.4	757.3	17	11
Air Permit Limits				nl	nl	nl	nl	nl	nl	nl	nl	nl	nl	nl	nl	nl	nl	nl	nl	nl	nl	nl	nl	nl	nl	nl	nl	nl	230	10,000	nl	nl

Notes:

1. [POM] = Polycyclic Organic Matter according to NR 445, Table 3. Consist of benzo(a)anthracene, benzo(a) pyrene, benzo(b) fluoranthene, dibenzo (a,h) anthracene, indeno (1,2,3 - cd) pyrene.
2. [C] = Carcinogenic PAH, classified as B2, probable human carcinogen.
3. Total Organics consists of Total BTEX plus Total PAHs.
4. -- = parameter not analyzed
5. nd = parameter not detected above laboratory detection limit (reference laboratory reports).
6. nl = no air permit limit established for parameter.

By: kmz
Checked by: slm

Table 5 - Soil Analytical Results - Post-Treatment Soil
Remedial Action Documenation Report
Former Stevens Point Manufactured Gas Plant Site - WPSC

		BTEX (mg/kg)					Polynuclear Aromatic Hydrocarbons (mg/kg)																					
Sample ID	Sample Date	Benzene	Ethylbenzene	Toluene	Xylenes	Total BTEX	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene [C][POM]	Benzo(a)pyrene [C][POM]	Benzo(b)fluoranthene [C][POM]	Benzo(g,h,i)perylene	Benzo(k)fluoranthene [C]	Chrysene [C]	Dibenzo(a,h)anthracene [C][POM]	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene [C][POM]	1-Methylnaphthalene	2-Methylnaphthalene	Naphthalene	Phenanthrene	Pyrene	Total PAHs	Total Carc. PAHs (mg/kg)	Lead (mg/kg)	Cyanide, Total (mg/kg)
PST-0404 (A)	4/4/98	**0.034**	nd	0.062	0.038	0.134	0.34	**0.83**	4.2	8.1	8.6	6.3	4.9	6.5	7.7	2.2	9.7	1.1	4.5	0.38	0.67	2.5	8.6	7.1	**84.22**	43.9	**290**	1.4
PST-0405	4/5/98	**0.027**	nd	0.086	0.098	0.211	0.088	0.21	0.71	1.1	1.1	0.95	0.84	0.74	0.93	0.24	1.7	0.23	0.68	0.21	0.3	**1.1**	**2**	1.2	14.33	5.74	**200**	0.5
PST-0407	4/7/98	**0.031**	nd	0.097	0.095	0.223	0.05	0.057	0.27	0.46	0.37	0.38	0.26	0.25	0.38	0.092	0.71	0.11	0.22	0.22	0.25	**0.46**	0.83	0.46	5.829	2.152	**100**	0.54
PST-0408	4/8/98	**0.035**	nd	0.045	0.031	0.111	0.029	0.02	0.092	0.12	0.11	0.1	0.08	0.096	0.14	0.028	0.44	0.04	0.059	0.049	0.055	0.27	0.49	0.28	2.498	0.653	**110**	0.64
PST-0412	4/12/98	**0.03**	nd	0.03	nd	0.06	nd	nd	0.068	0.11	0.073	0.11	0.066	0.074	0.12	0.018	0.42	0.022	0.045	0.033	0.036	0.37	0.39	0.24	2.195	0.55	**250**	nd
PST-0413	4/13/98	**0.045**	nd	0.062	0.039	0.146	nd	0.017	0.1	0.15	0.13	0.13	0.13	0.096	0.14	0.038	0.22	0.044	0.086	0.099	0.14	**0.41**	0.36	0.14	2.43	0.77	**290**	nd
PST-0415	4/15/98	nd	nd	nd	nd	nd	0.022	nd	0.089	0.13	0.1	0.1	0.088	0.087	0.14	0.029	0.22	0.024	0.067	0.039	0.045	0.25	0.32	0.12	1.87	0.653	**94**	nd
PST-0417	4/17/98	**0.036**	nd	0.066	0.036	0.138	0.019	0.049	0.14	0.16	0.14	0.18	0.1	0.084	0.14	0.033	0.35	0.06	0.083	0.073	0.1	0.31	0.41	0.18	2.611	0.82	**140**	nd
PST-0418	4/18/98	**0.042**	nd	0.062	0.038	0.142	0.05	0.11	0.48	0.47	0.44	0.46	0.28	0.3	0.42	0.076	1.1	0.13	0.23	0.11	0.18	**0.63**	1.2	0.67	7.336	2.396	**150**	nd
PST-0420	4/20/98	**0.033**	nd	0.055	0.035	0.123	0.039	0.058	0.38	0.56	0.63	0.53	0.5	0.54	0.48	0.15	0.83	0.11	0.42	0.087	0.13	**0.5**	1	0.55	7.494	3.31	**140**	nd
PST-0421	4/21/98	**0.032**	nd	0.06	0.036	0.128	0.062	0.11	0.51	0.75	0.8	0.74	0.52	0.6	0.66	0.17	1.2	0.18	0.47	0.13	0.17	**0.58**	1.2	0.78	9.632	4.19	**170**	0.58
PST-0423	4/23/98	nd	nd	0.036	nd	0.036	nd	0.022	0.14	0.32	0.31	0.27	0.21	0.34	0.3	0.062	0.43	0.052	0.18	0.033	0.042	0.15	0.38	0.3	3.541	1.782	**53**	0.31
PST-0424	4/24/98	**0.029**	nd	0.055	0.034	0.118	0.016	0.025	0.14	0.19	0.18	0.16	0.11	0.19	0.19	0.037	0.33	0.047	0.097	0.051	0.061	0.24	0.36	0.22	2.644	1.044	**82**	0.31
PST-0427	4/27/98	**0.047**	nd	0.069	0.036	0.152	0.018	0.016	0.087	0.093	0.088	0.067	0.077	0.071	0.094	0.024	0.18	0.046	0.059	0.061	0.072	0.29	0.3	0.13	1.773	0.496	**94**	0.29
PST-0428	4/28/98	nd	nd	0.037	nd	0.037	nd	nd	0.05	0.068	0.065	0.063	0.063	0.056	0.072	0.018	0.13	0.026	0.048	0.043	0.041	0.17	0.2	0.086	1.199	0.39	**150**	0.22
PST-0429	4/29/98	nd	nd	nd	nd	nd	nd	nd	0.028	0.037	0.039	0.035	0.037	0.034	0.04	nd	0.12	0.02	0.028	0.039	0.033	0.27	0.16	0.087	1.007	0.213	48	0.21
PST-0501	5/1/98	**0.05**	nd	0.039	nd	0.089	0.015	nd	0.05	0.056	0.061	0.05	0.054	0.051	0.058	0.017	0.1	0.027	0.041	0.054	0.055	0.23	0.18	0.073	1.172	0.334	**140**	nd
PST-0502	5/1/98	**0.044**	nd	0.05	0.03	0.124	nd	nd	0.062	0.085	0.095	0.076	0.081	0.075	0.079	0.024	0.14	0.035	0.062	0.053	0.057	0.25	0.23	0.097	1.501	0.496	**110**	0.005
PST-0504	5/4/98	**0.04**	nd	0.047	0.028	0.115	nd	nd	0.055	0.075	0.084	0.07	0.071	0.068	0.07	0.022	0.14	0.028	0.054	0.048	0.047	0.23	0.21	0.095	1.367	0.443	**180**	nd
PST-0506A	5/6/98	nd	nd	nd	nd	nd	nd	nd	0.016	0.021	0.021	0.025	0.022	0.018	0.025	nd	0.042	nd	0.018	0.02	0.018	0.1	0.065	0.035	0.446	0.128	72	nd
PST-0506B	5/6/98	nd	nd	nd	nd	nd	nd	nd	0.061	0.089	0.11	0.085	0.081	0.078	0.082	0.025	0.15	0.023	0.066	0.035	0.032	0.14	0.2	0.11	1.367	0.535	47	0.23
PST-0508	5/8/98	nd	nd	0.034	nd	0.034	0.026	0.053	0.15	0.15	0.21	0.18	0.14	0.16	0.16	0.067	0.36	0.082	0.13	0.081	0.12	0.34	0.5	0.22	3.129	1.057	**61**	0.26
PST-0509	5/9/98	nd	nd	nd	nd	nd	nd	nd	0.039	0.055	0.089	0.077	0.053	0.08	0.065	0.027	0.097	0.015	0.049	0.023	0.024	0.098	0.12	0.066	0.977	0.442	**78**	nd
PST-0512	5/12/98	nd	nd	nd	nd	nd	0.024	0.069	0.27	0.4	0.46	0.49	0.35	0.39	0.39	0.081	0.78	0.089	0.31	0.056	0.091	0.27	0.68	0.54	5.74	2.521	77	0.3
PST-0513	5/12/98	**0.028**	nd	nd	nd	0.028	nd	0.028	0.1	0.2	0.29	0.21	0.24	0.22	0.21	0.05	0.33	0.029	0.2	nd	0.021	0.073	0.25	0.3	2.751	1.38	27	nd
PST-0514	5/14/98	nd	nd	nd	nd	nd	nd	nd	0.039	0.054	0.071	0.068	0.046	0.065	0.072	nd	0.13	nd	0.039	nd	0.015	0.068	0.13	0.12	0.917	0.369	42	nd
PST-0515	5/15/98	nd	nd	nd	nd	nd	nd	nd	0.045	0.066	0.081	0.063	0.047	0.069	0.072	nd	0.12	nd	0.04	nd	0.016	0.06	0.13	0.13	0.939	0.391	33	0.21
PST-0516	5/16/98	nd	nd	nd	nd	nd	0.045	nd	0.051	0.081	0.073	0.083	0.063	0.063	0.085	0.02	0.14	0.036	0.049	0.084	0.15	0.19	0.2	0.14	1.553	0.454	53	nd
PST-0519	5/19/98	nd	nd	nd	nd	nd	nd	nd	0.016	0.027	0.027	0.032	0.027	0.024	0.033	nd	0.048	nd	0.023	nd	nd	0.061	0.09	0.05	0.458	0.166	44	nd
PST-0520	5/20/98	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	0.016	nd	nd	nd	nd	0.04	0.032	nd	0.088	nd	**66**	nd
PST-520A	5/20/98	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	0.018	nd	nd	0.019	nd	0.03	nd	nd	nd	nd	0.034	0.04	0.026	0.167	0.037	75	nd
PST-0521	5/21/98	nd	nd	nd	nd	nd	nd	nd	nd	0.028	0.027	0.039	0.027	0.026	0.036	nd	0.055	nd	0.022	nd	nd	0.069	0.083	0.056	0.468	0.178	59	nd
Thermal Treatment Perf. Criteria		0.025	2.9	1.5	4.1	nc	nc	0.7	nc	nc	nc	nc	nc	nc	nc	nc	nc	nc	nc	nc	nc	0.4	1.8	nc	50	10	50	50

Notes:
1. [POM] = Polycyclic Organic Matter according to NR 445, Table 3. Consist of benzo(a)anthracene, benzo(a) pyrene, benzo(b) fluoranthene, dibenzo (a,h) anthracene, indeno (1,2,3 - cd) pyrene.
2. [C] = Carcinogenic, classified as B2, probable human carcinogen.
3. -- = parameter not analyzed
4. nd = parameter not detected above laboratory detection limit
5. bold indicates concentration above thermal treatment performance criteria.

By:
Checked by: slm

Table 6 - Ambient Air Analytical Results - Perimeter
Remedial Action Documentation Report
Former Stevens Point Manufactured Gas Plant Site - WPSC

				Polynuclear Aromatic Hydrocarbons ($\mu g/m^3$)															
Sample Date	Monitoring Station	Sample Vol. (m^3)	TSP (mg/m^3)	Naphthalene	Acenapthylene	Acenaphthene	Fluorene	Phenanthrene	Anthracene	Fluoranthene	Pyrene	Benzo(a)anthracene	Chrysene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Benzo(a)pyrene	Indeno(1,2,3-cd)pyrene	Dibenzo(a,h)anthracene	Benzo(g,h,i)perylene
2/(26-27)/98	AM-1	325.44	0.025	0.037	<0.009	<0.009	<0.009	0.006	<0.009	<0.009	<0.009	<0.009	<0.009	<0.009	<0.009	<0.009	<0.009	<0.009	<0.009
3/(2-3)/98	AM-2	326.34	0.005	0.018	<0.009	<0.009	<0.009	0.003	<0.009	<0.009	<0.009	<0.009	<0.009	<0.009	<0.009	<0.009	<0.009	<0.009	<0.009
3/(23-24)/98	AM-3	323.33	0.032	1.794	0.049	0.192	0.111	0.084	0.009	0.006	0.006	<0.009	<0.009	<0.009	<0.009	<0.009	<0.009	<0.009	<0.009
3/(25-26)/98	AM-4	310.50	0.104	2.254	0.100	0.216	0.155	0.167	0.026	0.023	0.019	0.006	0.006	0.006	0.003	0.006	0.006	<0.009	0.006
4/(1-2)98	AM-4	325.35	0.015	2.520	0.065	0.144	0.144	0.105	0.015	0.006	0.006	<0.009	<0.009	<0.009	<0.009	<0.009	<0.009	<0.009	<0.009
4/(2-3)98	AM-3	324.00	0.014	1.883	0.034	0.102	0.105	0.077	0.006	0.003	<0.009	<0.009	<0.009	<0.009	<0.009	<0.009	<0.009	<0.009	<0.009
4/(6-7)/98	AM-4	339.00	0.098	4.130	0.083	0.295	0.186	0.156	0.021	0.027	0.021	0.009	0.009	0.009	0.003	0.006	0.006	<0.009	0.006
4/(14-15)/98	AM-6	324.00	0.129	3.395	0.127	0.340	0.290	0.309	0.059	0.071	0.059	0.022	0.022	0.022	0.009	0.015	0.012	<0.009	0.012
4/(15-16)/98	AM-7	324.16	0.006	0.025	<0.009	0.003	0.003	0.009	<0.009	<0.009	<0.009	<0.009	<0.009	<0.009	<0.009	<0.009	<0.009	<0.009	<0.009
4/(20-21)/98	AM-7	327.15	0.064	1.559	0.034	0.092	0.070	0.073	0.012	0.015	0.012	0.003	0.003	0.003	<0.009	<0.009	<0.009	<0.009	<0.009
4/(21-22)/98	AM-5	317.31	0.094	0.378	0.019	0.047	0.079	0.136	0.019	0.035	0.025	0.006	0.009	0.009	<0.009	0.006	0.006	<.009	0.006
4/(27-28)/98	AM-8	321.75	0.120	0.684	0.016	0.034	0.056	0.078	0.012	0.019	0.016	0.006	0.006	0.009	0.003	0.006	0.003	<.009	0.003
4/(28-29)/98	AM-1	323.10	0.191	1.919	0.102	0.099	0.124	0.152	0.028	0.034	0.025	0.009	0.009	0.009	0.003	0.006	0.006	<.009	0.006
5/(4-5)/98	AM-1	328.90	**0.292**	1.034	0.070	0.088	0.128	0.222	0.040	0.024	0.018	0.003	0.003	0.006	<0.009	<0.009	<0.009	<0.009	<0.009
5/(5-6)/98	AM-6	320.32	**0.284**	2.092	0.106	0.150	0.162	0.300	0.053	0.069	0.053	0.016	0.019	0.019	0.009	0.012	0.012	0.003	0.012
5/(12-13)/98	AM-9	324.23	**0.276**	0.102	0.015	0.046	0.056	0.204	0.046	0.089	0.077	0.015	0.022	0.022	0.006	0.009	0.012	0.003	0.012
5/(13-14)/98	AM-6	333.90	0.131	0.689	0.075	0.120	0.126	0.299	0.033	0.036	0.033	0.006	0.006	0.009	0.003	0.006	0.006	<0.009	0.006
5/(19-20)/98	AM-6	324.00	**0.358**	1.204	0.167	0.130	0.247	0.463	0.077	0.108	0.102	0.031	0.031	0.037	0.015	0.028	0.028	0.006	0.028
	PELs		0.2	1,200*	--	--	--	200	200	--	200	--	200	--	--	200	--	--	--
	Odor Threshold		--	1,600	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

				BTEX ($\mu g/m^3$)			
Sample Date	Sample ID	Sample Vol. (mL)	Sample Vol. (m^3)	Benzene	Ethylbenzene	Toluene	Xylenes (total)
2/26/98	AM-1	18,017	0.01802	<4.2	<4.2	<4.2	<4.2
3/3/98	AM-2	27,000	0.02700	<2.8	<2.8	<2.8	<2.8
3/23/98	AM-3	29,200	0.02920	2.9	3.8	5.5	10.5
3/25/98	AM-4	28,370	0.02837	6.7	4.9	6.3	6.3
4/1/98	AM-4	53,800	0.05380	16.0	11.0	18.0	20.6
4/2/98	AM-3	36,900	0.03690	8.3	9.6	14.0	20.1
4/6/98	AM-4	45,500	0.04550	4.2	6.7	8.6	1.4
4/15/98	AM-7	23,500	0.02350	<3.2	<3.2	<3.2	<6.4
4/22/98	AM-5	44,700	0.04470	<1.7	<1.7	<1.7	<3.4
4/29/98	AM-7	56,623	0.05662	2.1	<2	2.0	<4
4/29/98	AM-8	59,700	0.05970	<1.3	<1.3	<1.3	<2.6
5/5/98	AM-1	31,700	0.03170	<2.4	<2.4	<2.4	<4.8
5/12/98	AM-9	14,367	0.01437	<5.2	<5.2	9.1	<5.2
5/13/98	AM-6	29,600	0.02960	2.9	5	7.1	1.25
5/15/98	AM-1	42,000	0.04200	19	13	25	62
5/19/98	AM-6	17,100	0.01710	<4.4	<4.4	9.2	12.9
5/27/98**	AM-4	21,500	0.02150	<3.5	<3.5	<3.5	<3.5
	PELs			3,250	441,000	383,000	441,000
	Odor Threshold			4,800	399	600	86,800

Notes:

AM-1 is located on the north central property boundary approximately 100 ft south of fire hydrant adjacent to West Street (near former AS-2 sample).

AM-2 is located on the northeast corner property boundary.

AM-3 is located on the eastern property boundary - east of HP-101.

AM-4 is located on the north central property boundary - north of TP-13.

AM-5 is located on the southeast corner of the property.

AM-6 is located on the east side of the work area in the city of Stevens Point parking lot.

AM-7 is located on the northwest corner of the property, near Crosby Ave.

AM-8 is located in Pioneer Park, at the west extent of the site perimeter fence.

AM-9 is located on the north central property boundary adjacent to OW-4.

*denotes NR 445 compound limit of 2.5 percent of PEL

**Naphthalene also analyzed and not detected (detection limit = 3.5 $\mu g/m^3$).

PEL = permissible exposure limit.

Table 7 - Water Analytical Results - Wastewater Pretreatment System
Remedial Action Documentation Report
Former Stevens Point Manufactured Gas Plant Site - WPSC

		BTEX (µg/L)					Polynuclear Aromatic Hydrocarbons (µg/L)																							
Sample ID	Sample Date	Benzene	Ethylbenzene	Toluene	Xylenes	Total BTEX	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenzo(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	1-Methylnaphthalene	2-Methylnaphthalene	Naphthalene	Phenanthrene	Pyrene	Total PAHs	Cyanide, Total (mg/L)	Cyanide, Amenable (mg/L)	Cyanide, Dissociable (mg/L)	Total Suspended Solids (mg/L)	Oil & Grease (mg/L)
INFLUENT																														
INF-0324	3/24/98	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	510	--
INF-0326	3/26/98	80	53	38.0	101	272	42	12	3.5	0.9	0.95	1	1	0.47	0.93	nd	4.7	17	3	39	51	390	34	4.4	606	0.110	--	--	--	18
INF-0330	3/30/98	170	72	100	168	510	70	13	8.9	0.33	0.37	0.31	nd	nd	nd	nd	3.8	28	0.61	64	12	nd	43	2.8	247	0.076	--	--	--	2.3
INF-0401	4/1/98	64	56	40	120	280	56	nd	14	5.6	7.2	5.1	4.1	2.6	5.1	4	16	25	14	33	7.4	nd	47	13	259	0.150	0.150	0.013	--	1.6
INF-0408	4/8/98	210	86	150	240	686	75	29	8.4	0.96	0.91	0.82	0.8	0.44	0.78	0.61	7.5	33	2.2	78	110	530	61	6.5	946	0.086	--	--	--	nd
INF-0414	4/14/98	190	74	160	240	664	82	56	18	4.6	3.6	3.1	2.7	1.8	4.3	2.9	22	49	5.9	89	140	530	89	17	1121	0.093	--	--	--	1.4
INF-0421	4/21/98	37	21	28	75	161	33	nd	3.6	nd	nd	nd	nd	nd	nd	nd	3.3	13	nd	32	37	140	16	2.9	281	0.120	--	--	--	nd
INF-0428	4/28/98	71	21	55	74	221	26	8.5	3.2	0.28	nd	nd	nd	nd	nd	nd	3.2	9.5	nd	21	20	82	14	3	191	0.170	--	--	--	0.22
INF-0504	5/4/98	9	2.2	10	12.1	33.3	nd	nd	1.2	0.49	0.52	0.41	0.38	0.22	0.45	0.21	1.6	nd	0.97	nd	nd	nd	0.84	1.2	8.49	0.160	--	--	--	--
INF-0513	5/13/98	2.8	1.7	3.2	7.6	15.3	68	17	4.1	0.66	0.85	0.33	0.62	0.25	0.53	0.42	3.5	28	1.2	65	73	49	42	5	359	0.046	--	--	--	--
EFFLUENT																														
EFF-0326	3/26/98	0.87	0.81	0.48	1.65	3.81	0.9	nd	0.21	0.39	0.45	0.46	0.48	0.24	0.43	0.46	0.6	0.31	1.4	0.7	nd	nd	0.87	0.6	8.5	0.032	--	--	12	--
EFF-0330	3/30/98	14	5.9	7.7	13.9	41.5	nd	nd	0.67	nd	0.31	0.31	nd	nd	nd	nd	0.78	nd	0.71	nd	nd	nd	nd	0.65	3.43	0.079	--	--	36	--
EFF-0401	4/1/98	11	10	6.5	23.2	50.7	nd	nd	1.5	1.4	1.6	1.4	0.93	0.78	1.4	1.3	3.3	1.9	3.7	nd	nd	nd	2.1	2.7	24	0.043	0.043	0.006	14	--
EFF-0408	4/8/98	10	2.5	5.6	8.1	26.2	nd	nd	2.1	2.1	2.9	2.6	2.5	1.4	2.2	1.8	4.3	nd	6.8	nd	nd	nd	1.4	4	34.1	0.075	--	--	33	--
EFF-0414	4/14/98	88	21	73	95	277	nd	nd	9.5	6	5.4	4.6	4	3.2	5.8	4	17	3.9	12	nd	nd	nd	6.9	13	95.3	0.077	--	--	26	--
EFF-0421	4/21/98	14	5.8	10	26.2	56	12	nd	1.1	0.29	nd	nd	nd	nd	nd	nd	1.9	3.7	nd	nd	nd	nd	1.7	1.5	22.2	0.110	--	--	5	--
EFF-0428	4/28/98	21	9.3	20	40	90.3	20	nd	1.8	nd	nd	nd	nd	nd	nd	nd	2.3	7.9	nd	14	9.5	13	6.4	2	76.9	0.160	--	--	11	--
EFF-0504	5/4/98	4.1	0.93	4.6	6.2	15.8	nd	nd	1.1	0.66	0.73	0.56	0.49	0.31	0.6	0.58	1.7	nd	1.4	nd	nd	nd	0.64	1.4	10.2	0.120	--	--	40	--
EFF-0513	5/13/98	nd	0.37	nd	nd	0.37	18	4.6	0.41	0.36	0.66	0.37	0.48	0.22	0.4	0.63	1.2	4.3	1.2	16	9.6	nd	2.4	1.6	62.4	0.052	--	--	9	--
SPWWTP Limits		nl	nl	nl	nl	nl	nl	nl	nl	nl	nl	nl	nl	nl	nl	nl	nl	nl	nl	nl	nl	nl	nl	nl	nl	nl	nl	nl	250	nl

By: KMZ
Checked by: SLF

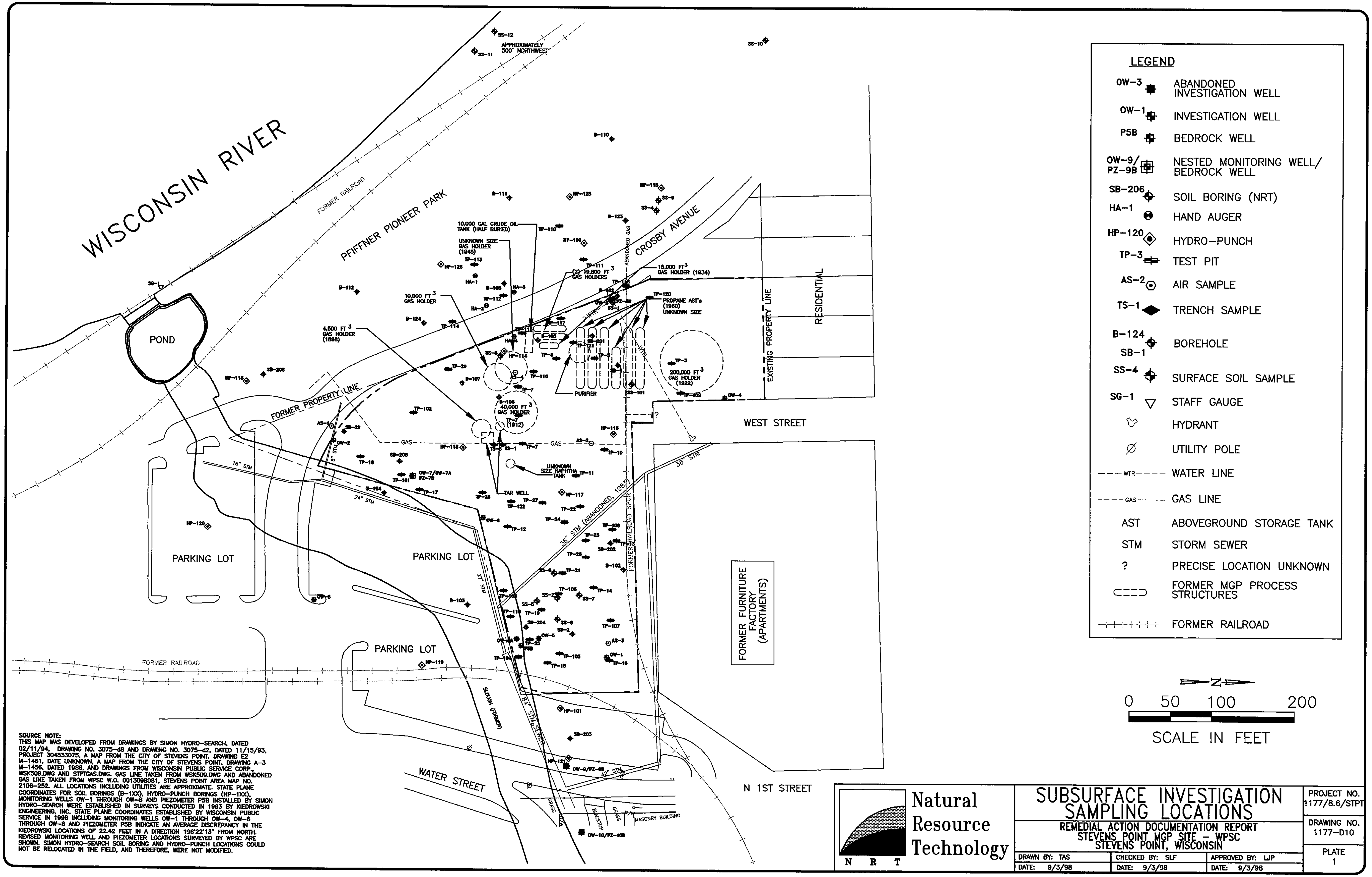
Notes:
1. -- = parameter not analyzed
2. nd = parameter not detected above laboratory detection limit.
3. nl = no effluent limit established for parameter.
4. cyanide samples are not field filtered.

Table 8 - Soil Analytical Results - Surface Soil Quality
Remedial Action Documentation Report
Former Stevens Point Manufactured Gas Plant Site - WPSC

			BTEX (mg/kg)					Polynuclear Aromatic Hydrocarbons (mg/kg)																						
Sample ID	Sample Date	Sample Depth (feet BGS)	Benzene	Ethylbenzene	Toluene	Xylenes	Total BTEX	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Dibenzo(a,h)anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	1-Methylnaphthalene	2-Methylnaphthalene	Naphthalene	Phenanthrene	Pyrene	Total PAHs	Cyanide, Total (mg/kg)	Cyanide, Amenable (mg/kg)	Cyanide, Dissociable (mg/kg)	Lead (mg/kg)
ON-SITE SURFACE SOIL QUALITY																														
B-107	6/9/93	0-2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	12
TP-116	3/4/98	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	59
TP-120	3/4/98	1	--	--	--	--	--	0.062	0.036	0.16	0.82	1.4	1.1	1.0	0.82	0.8	0.35	0.97	0.048	1.1	nd	0.036	0.049	0.46	0.87	10	0.37	--	--	--
EW-3B (1.5)	5/14/98	1.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.89	0.89	0.16	--
EW-9 (1.5)	5/15/98	1.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	35	--	--	38
EW-118 (1.5)	5/5/98	1.5	nd	nd	nd	nd	nd	0.047	0.23	0.46	1.4	2.1	2.4	1.4	2.1	1.6	0.63	2.3	0.057	1.3	nd	0.1	0.2	0.68	1.9	19	13	--	--	58
EW-119 (1.5)	5/6/98	1.5	nd	nd	0.036	0.071	0.1	nd	2	1.2	8.2	12	12	8.9	12	8.4	3.1	12	nd	7.3	nd	0.35	nd	1.2	13	102	6.2	--	--	45
EW-204 (1.5)	5/13/98	1.5	nd	nd	nd	0.028	0.03	0.37	2.1	1.9	9.2	14	9.7	7.3	9.3	8.6	2.2	13	0.55	5.9	nd	0.98	0.53	4.7	19	109	7.2	--	--	34
OFF-SITE SURFACE SOIL QUALITY																														
HA-1	3/26/98	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.31	--	--	--
HA-2	3/26/98	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	nd	--	--	--
SS-4	5/23/85	surface	--	--	--	--	--	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	--	--	nd	nd	nd	nd	nd	nd	--	65
SS-4	5/23/85	6-18"	--	--	--	--	--	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	--	--	nd	nd	nd	nd	0.28	nd	--	26
B-110	6/9/93	0-0.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	nd	--	--	--
B-111	6/9/93	0-0.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	nd	--	--	--
B-112	6/9/93	0-0.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	nd	--	--	--
HP-113/B-113	6/9/93	0-0.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.56	--	--	--
TP-113	3/4/98	0.5	--	--	--	--	--	0.046	nd	0.09	0.17	0.19	0.19	0.14	0.13	0.19	0.034	0.45	0.034	0.15	nd	nd	0.036	0.32	0.36	3	nd	nd	nd	8.9
EW-107 (1.5)	4/21/98	1.5	nd	nd	nd	nd	nd	nd	nd	nd	0.03	0.039	0.029	0.028	0.032	0.025	nd	0.045	nd	0.025	nd	nd	0.033	0.02	0.035	0.3	0.07	--	--	nd
EW-108 (1.5)	4/21/98	1.5	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	0.05	--	--	9.5
EW-109 (1.5)	4/21/98	1.5	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	0.05	--	--	4.6
EW-110 (1.5)	4/21/98	1.5	nd	nd	nd	nd	nd	nd	nd	nd	nd	0.017	nd	nd	nd	nd	nd	0.021	nd	nd	nd	nd	nd	0.018	nd	0.06	0.05	--	--	nd
EW-120 (1.5)	5/13/98	1.5	nd	nd	0.037	0.04	0.08	nd	1	1.5	8.7	11	12	5.5	8.7	8.1	1.9	14	0.47	5.1	nd	nd	0.57	3.4	14	96	1.3	--	--	150
INTERIM AND PRELIMINARY GUIDANCE LEVELS																														
Groundwater Pathway RCL			0.0055	2.9	1.5	4.1	ns	38	0.7	3,000	17	48	360	6,800	870	37	38	500	100	680	23	20	0.4	1.8	8,700	ns	ns	ns	ns	ns
Direct Contact Pathway-Non-industrial RCL			ns	ns	ns	ns	ns	900	18	5,000	0.088	0.0088	0.088	1.8	0.88	8.8	0.0088	600	600	0.088	1,100	600	20	18	500	ns	ns	ns	ns	50
Direct Contact Pathway-Industrial RCL			ns	ns	ns	ns	ns	60,000	360	300,000	3.9	0.39	3.9	39	39	390	0.39	40,000	40,000	3.9	70,000	40,000	110	390	30,000	ns	ns	ns	ns	500
US EPA Residential PRGs			0.63	230	790	320	ns	110	ns	5.7	0.61	0.061	0.61	ns	6.1	7.2	0.061	2,600	90	0.61	ns	ns	240	ns	100	ns	ns	ns	1,300	400
US EPA Industrial PRGs			1.4	230	880	320	ns	110	ns	5.7	2.6	0.26	2.6	ns	26	7.2	0.26	27,000	90	2.6	ns	ns	240	ns	100	ns	ns	ns	1,400	1,000
TACO - Construction Worker SRO			2.1	58	42	410	ns	120,000	ns	610,000	170	17	170	ns	1,700	17,000	17	82,000	82,000	170	ns	ns	8,200	ns	61,000	ns	ns	4,100	ns	400

Notes:

1. -- = parameter not analyzed
2. nd = parameter not detected above laboratory detection limit
3. RCL = WDNR generic Residual Contaminant Level.
4. PRG = US EPA Region 9 Preliminary Remediation Goals for direct contact.
5. PRGs assume all dissociable cyanide as free cyanide.
6. TACO = Illinois Tiered Approach to Corrective Objectives, Title 35 IL Admin. Code.
7. SRO = Soil Remediation Objectives for inhalation (BTEX) and ingestion (PAHs, cyanide, lead).
8. Sample depths measured with respect to pre-remedial ground surface elevations.
9. ns = no interim or guidance level has been established.
10. HP-113 and B-113 appear to be the sampe sample location, based on survey data presented in the Phase II Investigation Report by Simon Hydro-Search. Location is shown as HP-113 in Plates 1 through 4.



SOURCE NOTE:
THIS MAP WAS DEVELOPED FROM DRAWINGS BY SIMON HYDRO-SEARCH, DATED 02/11/94. DRAWING NO. 3075-d8 AND DRAWING NO. 3075-d2, DATED 11/15/93, PROJECT 304533075, A MAP FROM THE CITY OF STEVENS POINT, DRAWING E2 M-1461, DATE UNKNOWN, A MAP FROM THE CITY OF STEVENS POINT, DRAWING A-3 M-1456, DATED 1986, AND DRAWINGS FROM WISCONSIN PUBLIC SERVICE CORP., WSK509.DWG AND STPTGAS.DWG. GAS LINE TAKEN FROM WSK509.DWG AND ABANDONED GAS LINE TAKEN FROM WPSC W.O. 0013098081, STEVENS POINT AREA MAP NO. 2106-252. ALL LOCATIONS INCLUDING UTILITIES ARE APPROXIMATE. STATE PLANE COORDINATES FOR SOIL BORINGS (B-1XX), HYDRO-PUNCH BORINGS (HP-1XX), MONITORING WELLS OW-1 THROUGH OW-8 AND PIEZOMETER P5B INSTALLED BY SIMON HYDRO-SEARCH WERE ESTABLISHED IN SURVEYS CONDUCTED IN 1993 BY KIEDROWSKI ENGINEERING, INC. STATE PLANE COORDINATES ESTABLISHED BY WISCONSIN PUBLIC SERVICE IN 1998 INCLUDING MONITORING WELLS OW-1 THROUGH OW-4, OW-6 THROUGH OW-8 AND PIEZOMETER P5B INDICATE AN AVERAGE DISCREPANCY IN THE KIEDROWSKI LOCATIONS OF 22.42 FEET IN A DIRECTION 196°22'13" FROM NORTH. REVISED MONITORING WELL AND PIEZOMETER LOCATIONS SURVEYED BY WPSC ARE SHOWN. SIMON HYDRO-SEARCH SOIL BORING AND HYDRO-PUNCH LOCATIONS COULD NOT BE RELOCATED IN THE FIELD, AND THEREFORE, WERE NOT MODIFIED.

Natural
Resource
Technology
N R T

SUBSURFACE INVESTIGATION SAMPLING LOCATIONS

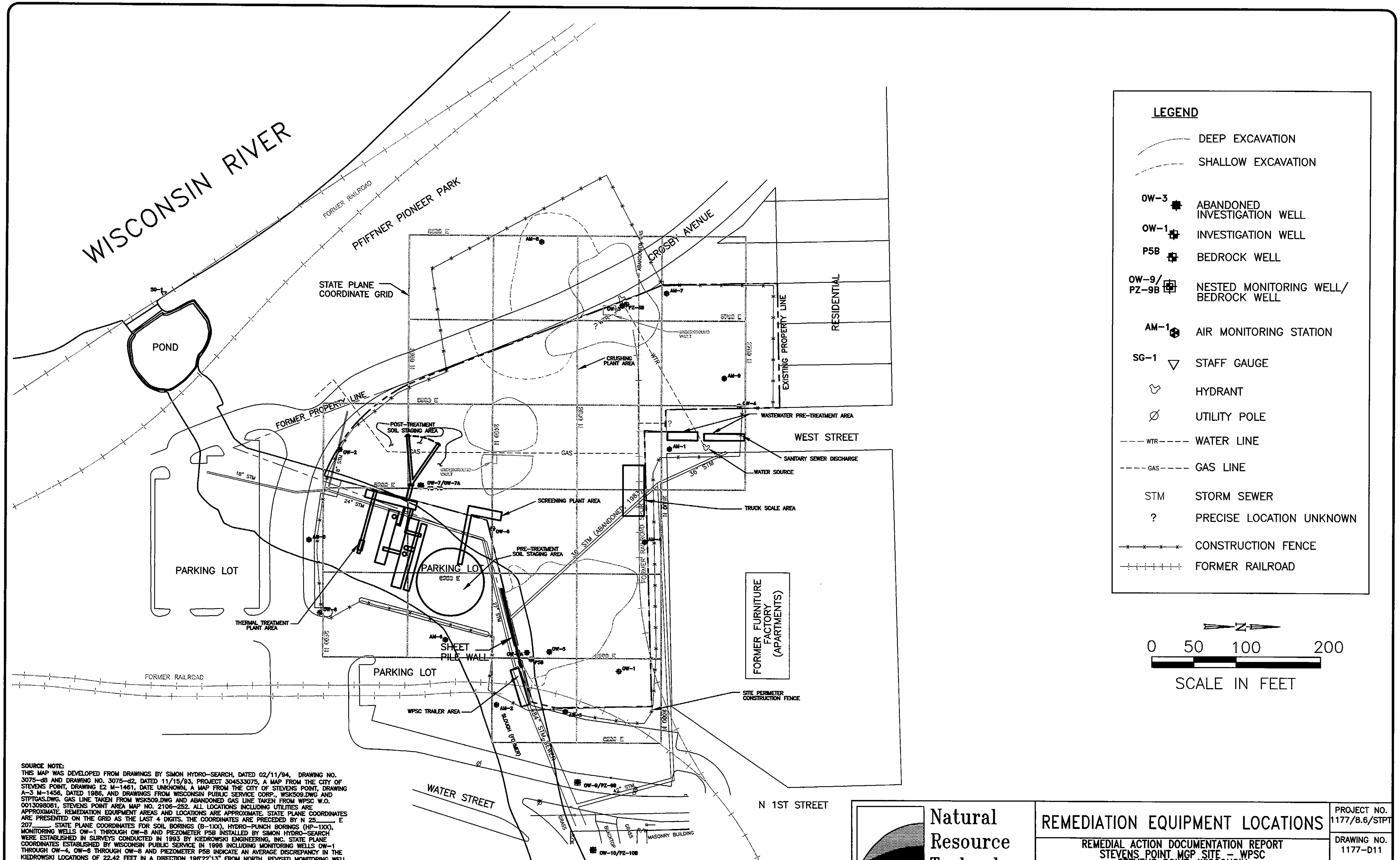
REMEDIAL ACTION DOCUMENTATION REPORT
STEVENS POINT MGP SITE – WPSC
STEVENS POINT, WISCONSIN

DRAWN BY: TAS	CHECKED BY: SLF	APPROVED BY: LJP
DATE: 9/3/98	DATE: 9/3/98	DATE: 9/3/98

PROJECT NO.
1177/8.6/STPT

DRAWING NO.
1177–D10

PLATE
1



SOURCE NOTE:
THIS MAP WAS DEVELOPED FROM DRAWINGS BY SIMON HYDRO-SEARCH, DATED 02/11/94, DRAWING NO. 3075-d8 AND DRAWING NO. 3075-d2, DATED 11/15/93, PROJECT 304533075, A MAP FROM THE CITY OF STEVENS POINT, DRAWING E2 M-1461, DATE UNKNOWN, A MAP FROM THE CITY OF STEVENS POINT, DRAWING A-3 M-1456, DATED 1986, AND DRAWINGS FROM WISCONSIN PUBLIC SERVICE CORP., WSK509.DWG AND STPTGAS.DWG. GAS LINE TAKEN FROM WSK509.DWG AND ABANDONED GAS LINE TAKEN FROM WPSC W.O. 0013098081, STEVENS POINT AREA MAP NO. 2106-252. ALL LOCATIONS INCLUDING UTILITIES ARE APPROXIMATE. REMEDIATION EQUIPMENT AREAS AND LOCATIONS ARE APPROXIMATE. STATE PLANE COORDINATES ARE PRESENTED ON THE GRID AS THE LAST 4 DIGITS. THE COORDINATES ARE PRECEDED BY N 25_____, E 207_____. STATE PLANE COORDINATES FOR SOIL BORINGS (B-1XX), HYDRO-PUNCH BORINGS (HP-1XX), MONITORING WELLS OW-1 THROUGH OW-8 AND PIEZOMETER P5B INSTALLED BY SIMON HYDRO-SEARCH WERE ESTABLISHED IN SURVEYS CONDUCTED IN 1993 BY KIEDROWSKI ENGINEERING, INC. STATE PLANE COORDINATES ESTABLISHED BY WISCONSIN PUBLIC SERVICE IN 1998 INCLUDING MONITORING WELLS OW-1 THROUGH OW-4, OW-6 THROUGH OW-8 AND PIEZOMETER P5B INDICATE AN AVERAGE DISCREPANCY IN THE KIEDROWSKI LOCATIONS OF 22.42 FEET IN A DIRECTION 196°22'13" FROM NORTH. REVISED MONITORING WELL AND PIEZOMETER LOCATIONS SURVEYED BY WPSC ARE SHOWN. SIMON HYDRO-SEARCH SOIL BORING AND HYDRO-PUNCH LOCATIONS COULD NOT BE RELOCATED IN THE FIELD, AND THEREFORE, WERE NOT MODIFIED.

Natural
Resource
Technology
N R T

REMEDIATION EQUIPMENT LOCATIONS

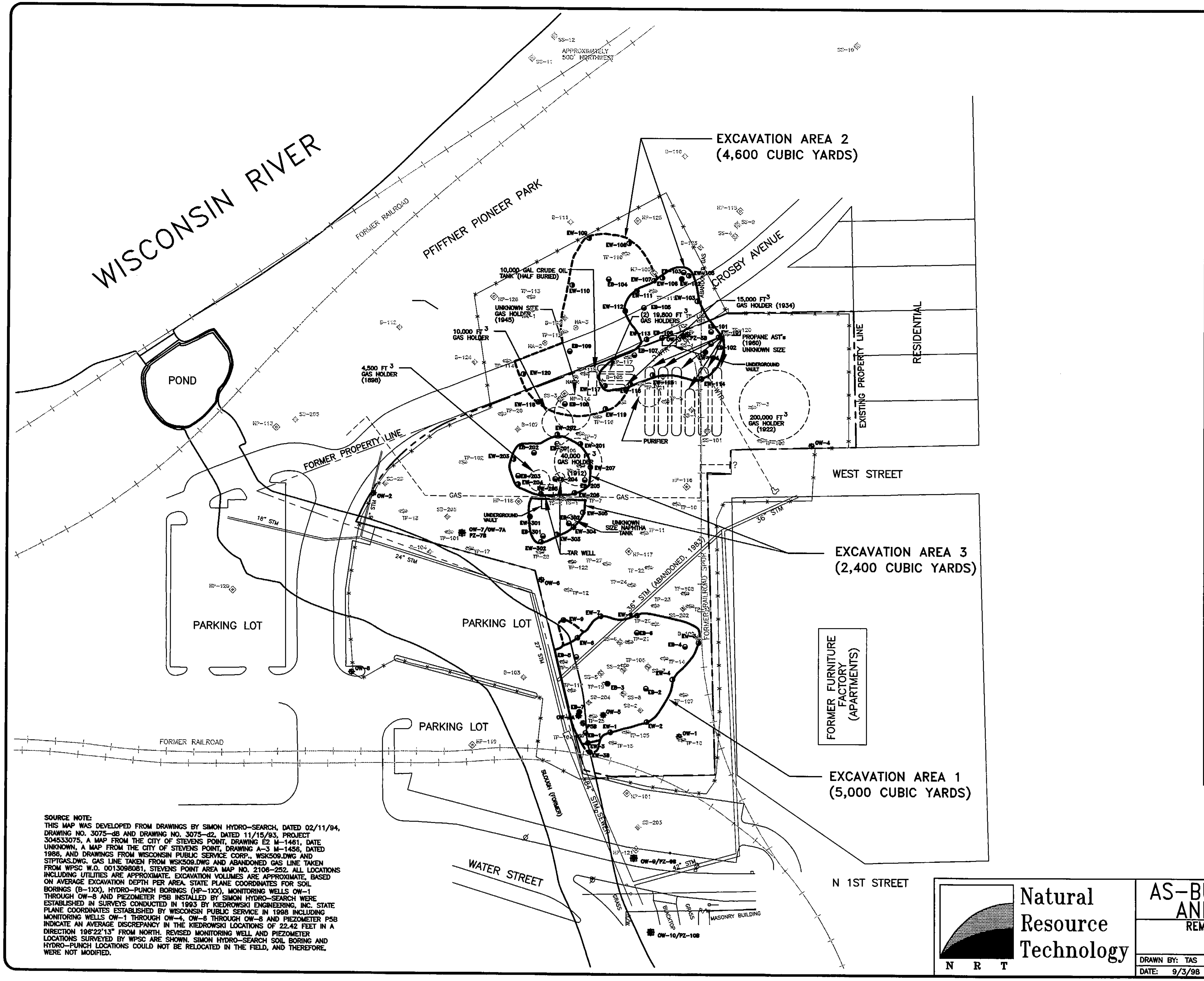
REMEDIAL ACTION DOCUMENTATION REPORT
STEVENS POINT MGP SITE - WPSC
STEVENS POINT, WISCONSIN

DRAWN BY: TAS	CHECKED BY: SLF	APPROVED BY: LJP
DATE: 9/3/98	DATE: 9/3/98	DATE: 9/3/98

PROJECT NO.
1177/8.6/STPT

DRAWING NO.
1177-D11

PLATE
2



LEGEND

	DEEP EXCAVATION (AVERAGE DEPTH IS 9–10 FEET)
	SHALLOW EXCAVATION (AVERAGE DEPTH IS 2 FEET)
EB–1	EXCAVATION BASE SAMPLE
EB–3	SOIL SAMPLE WHICH WAS EXCAVATED
EW–1	EXCAVATION WALL SAMPLE
OW–3	ABANDONED INVESTIGATION WELL
OW–1	INVESTIGATION WELL
P5B	BEDROCK WELL
OW–9/ PZ–9B	NESTED MONITORING WELL/ BEDROCK WELL
SB–206	SOIL BORING (NRT)
TP–3	TEST PIT
B–124 SB–1	BOREHOLE
TS–1	TRENCH SAMPLE
HP–120	HYDRO–PUNCH
SS–4	SURFACE SOIL SAMPLE
	HYDRANT
∅	UTILITY POLE
---WTR---	WATER LINE
---GAS---	GAS LINE
AST	ABOVEGROUND STORAGE TANK
STM	STORM SEWER
?	PRECISE LOCATION UNKNOWN
	FORMER MGP PROCESS STRUCTURES
	CONSTRUCTION FENCE
	FORMER RAILROAD

N

0 50 100 200

SCALE IN FEET

SOURCE NOTE:
THIS MAP WAS DEVELOPED FROM DRAWINGS BY SIMON HYDRO–SEARCH, DATED 02/11/94, DRAWING NO. 3075–d8 AND DRAWING NO. 3075–d2, DATED 11/15/93, PROJECT 304533075, A MAP FROM THE CITY OF STEVENS POINT, DRAWING E2 M–1461, DATE UNKNOWN, A MAP FROM THE CITY OF STEVENS POINT, DRAWING A–3 M–1456, DATED 1986, AND DRAWINGS FROM WISCONSIN PUBLIC SERVICE CORP., WSK509.DWG AND STPTGAS.DWG. GAS LINE TAKEN FROM WSK509.DWG AND ABANDONED GAS LINE TAKEN FROM WPSC W.O. 0013098081, STEVENS POINT AREA MAP NO. 2106–252. ALL LOCATIONS INCLUDING UTILITIES ARE APPROXIMATE. EXCAVATION VOLUMES ARE APPROXIMATE, BASED ON AVERAGE EXCAVATION DEPTH PER AREA. STATE PLANE COORDINATES FOR SOIL BORINGS (B–1XX), HYDRO–PUNCH BORINGS (HP–1XX), MONITORING WELLS OW–1 THROUGH OW–8 AND PIEZOMETER P5B INSTALLED BY SIMON HYDRO–SEARCH WERE ESTABLISHED IN SURVEYS CONDUCTED IN 1993 BY KIEDROWSKI ENGINEERING, INC. STATE PLANE COORDINATES ESTABLISHED BY WISCONSIN PUBLIC SERVICE IN 1998 INCLUDING MONITORING WELLS OW–1 THROUGH OW–4, OW–6 THROUGH OW–8 AND PIEZOMETER P5B INDICATE AN AVERAGE DISCREPANCY IN THE KIEDROWSKI LOCATIONS OF 22.42 FEET IN A DIRECTION 196°22'13" FROM NORTH. REVISED MONITORING WELL AND PIEZOMETER LOCATIONS SURVEYED BY WPSC ARE SHOWN. SIMON HYDRO–SEARCH SOIL BORING AND HYDRO–PUNCH LOCATIONS COULD NOT BE RELOCATED IN THE FIELD, AND THEREFORE, WERE NOT MODIFIED.

Natural
Resource
Technology
N R T

AS–BUILT EXCAVATION AREAS AND SAMPLE LOCATIONS

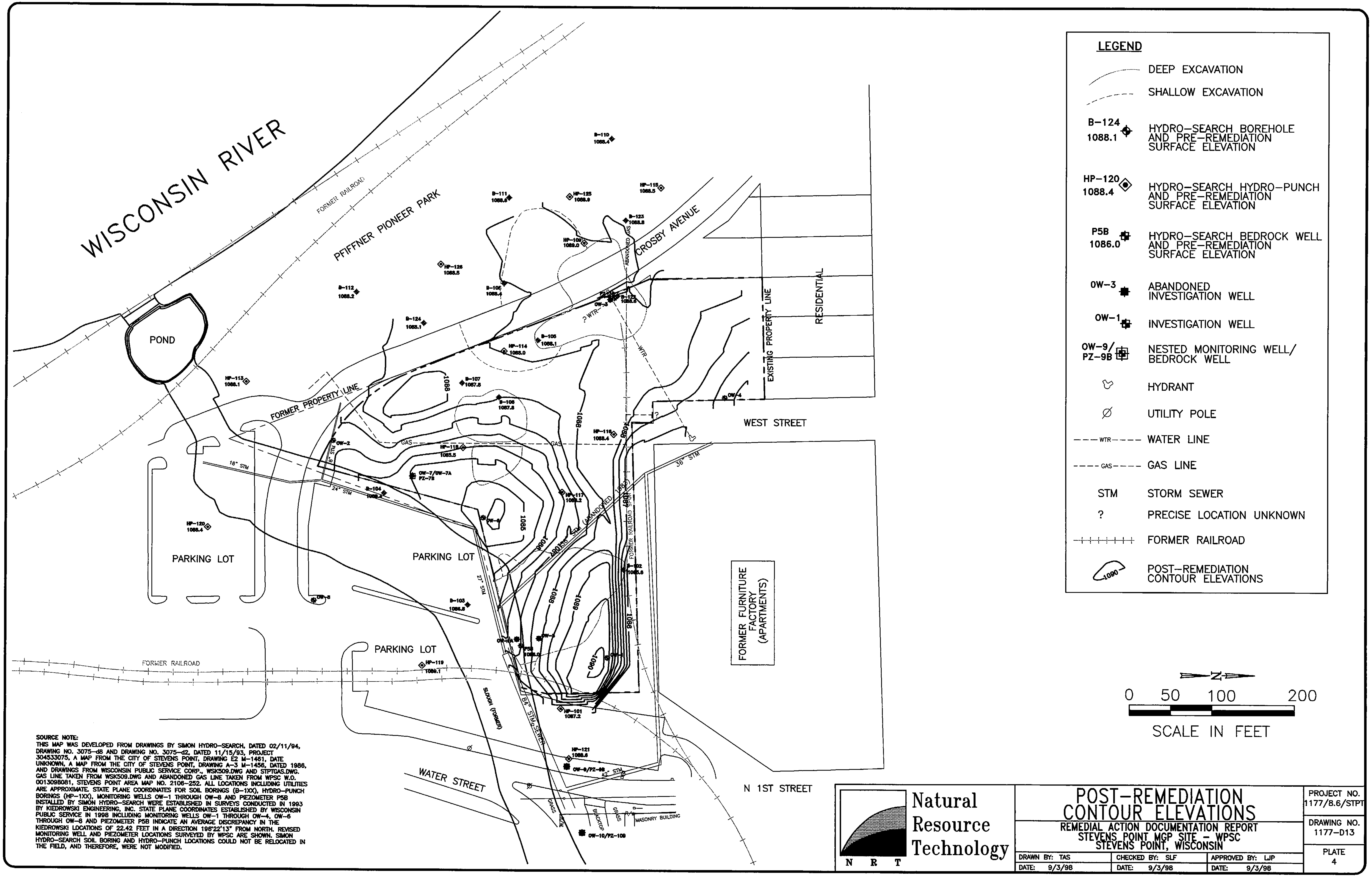
REMEDIAL ACTION DOCUMENTATION REPORT
STEVENS POINT MGP SITE – WPSC
STEVENS POINT, WISCONSIN

DRAWN BY: TAS	CHECKED BY: SLF	APPROVED BY: LJP
DATE: 9/3/98	DATE: 9/3/98	DATE: 9/3/98

PROJECT NO.
1177/8.6/STPT

DRAWING NO.
1177–D12

PLATE
3



SOURCE NOTE:
THIS MAP WAS DEVELOPED FROM DRAWINGS BY SIMON HYDRO-SEARCH, DATED 02/11/94, DRAWING NO. 3075-d8 AND DRAWING NO. 3075-d2, DATED 11/15/93, PROJECT 304533075, A MAP FROM THE CITY OF STEVENS POINT, DRAWING E2 M-1481, DATE UNKNOWN, A MAP FROM THE CITY OF STEVENS POINT, DRAWING A-3 M-1456, DATED 1986, AND DRAWINGS FROM WISCONSIN PUBLIC SERVICE CORP., WSK509.DWG AND STPTGAS.DWG. GAS LINE TAKEN FROM WSK509.DWG AND ABANDONED GAS LINE TAKEN FROM WPSC W.O. 0013098081, STEVENS POINT AREA MAP NO. 2106-252. ALL LOCATIONS INCLUDING UTILITIES ARE APPROXIMATE. STATE PLANE COORDINATES FOR SOIL BORINGS (B-1XX), HYDRO-PUNCH BORINGS (HP-1XX), MONITORING WELLS OW-1 THROUGH OW-8 AND PIEZOMETER P5B INSTALLED BY SIMON HYDRO-SEARCH WERE ESTABLISHED IN SURVEYS CONDUCTED IN 1993 BY KIEDROWSKI ENGINEERING, INC. STATE PLANE COORDINATES ESTABLISHED BY WISCONSIN PUBLIC SERVICE IN 1998 INCLUDING MONITORING WELLS OW-1 THROUGH OW-4, OW-6 THROUGH OW-8 AND PIEZOMETER P5B INDICATE AN AVERAGE DISCREPANCY IN THE KIEDROWSKI LOCATIONS OF 22.42 FEET IN A DIRECTION 196°22'13" FROM NORTH. REVISED MONITORING WELL AND PIEZOMETER LOCATIONS SURVEYED BY WPSC ARE SHOWN. SIMON HYDRO-SEARCH SOIL BORING AND HYDRO-PUNCH LOCATIONS COULD NOT BE RELOCATED IN THE FIELD, AND THEREFORE, WERE NOT MODIFIED.

Natural
Resource
Technology
N R T

POST-REMEDIATION CONTOUR ELEVATIONS

REMEDIAL ACTION DOCUMENTATION REPORT
STEVENS POINT MGP SITE - WPSC
STEVENS POINT, WISCONSIN

DRAWN BY: TAS	CHECKED BY: SLF	APPROVED BY: LJP
DATE: 9/3/98	DATE: 9/3/98	DATE: 9/3/98

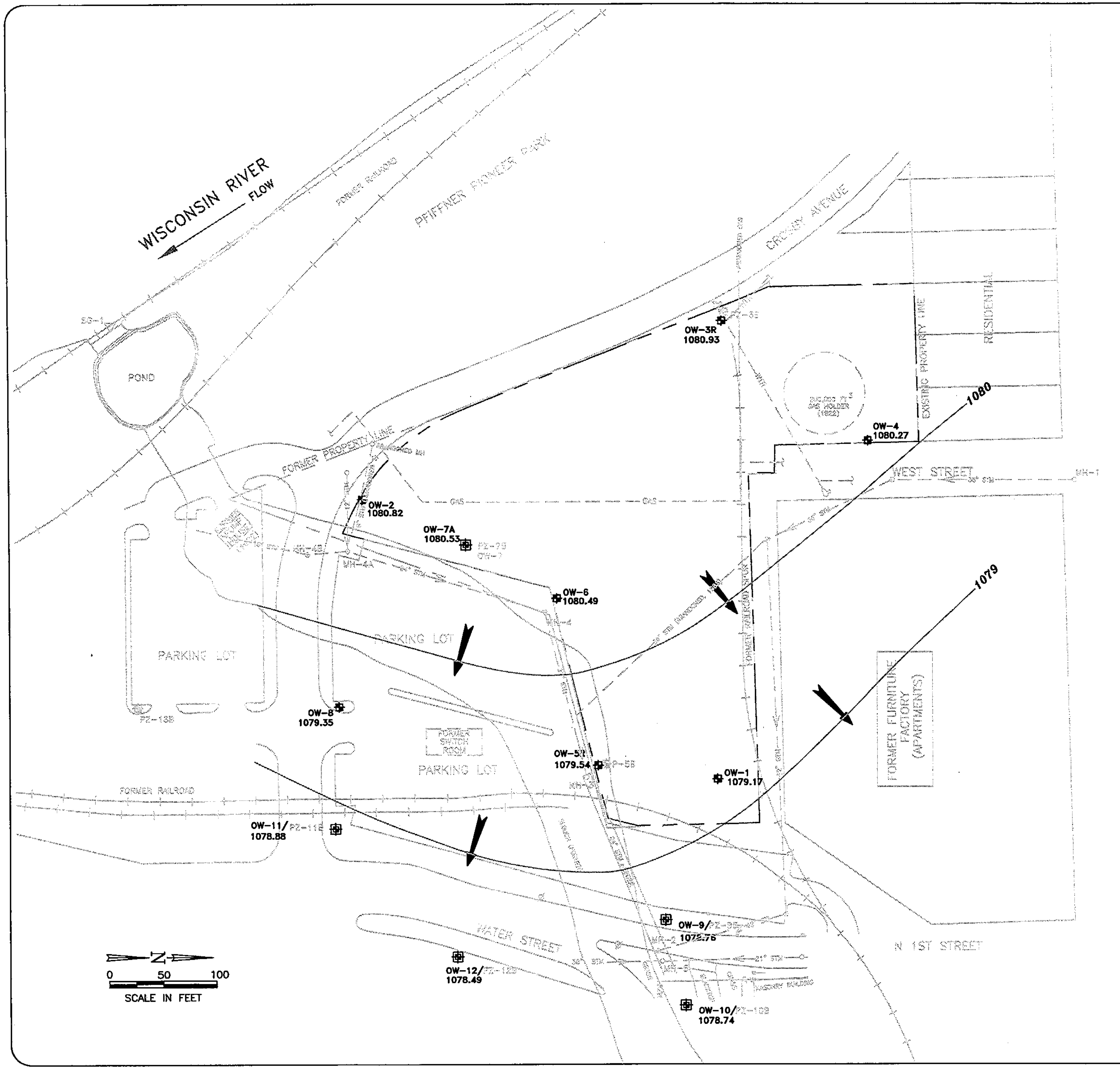
PROJECT NO.
1177/8.6/STPT

DRAWING NO.
1177-D13

PLATE
4

APPENDIX D

FIGURES 1 THROUGH 7 AND TABLES 1 THROUGH 5 (UPDATED FROM PREVIOUS ANNUAL MONITORING REPORTS)



LEGEND

⌒	WATER TABLE ELEVATION CONTOURS, FT.
➡	GROUNDWATER FLOW DIRECTION
OW-1 1079.17 ⊕	WATER TABLE OBSERVATION WELL AND GROUNDWATER ELEVATION, FT.
OW-9 1078.76 ⊞ /PZ-9B	WATER TABLE OBSERVATION WELL AND GROUNDWATER ELEVATION, FT./NESTED MONITORING WELL
P-5B ⊕	PIEZOMETER
SG-1 ▽	STAFF GAUGE
MH-1 ○	STORM SEWER MANHOLE
	HYDRANT
∅	UTILITY POLE
— — WTR — —	WATER LINE
— — GAS — —	GAS LINE
— — STM — —	STORM SEWER
MGP	MANUFACTURED GAS PLANT
▭	FORMER BUILDINGS
⊂ ⊃	FORMER MGP PROCESS STRUCTURES
┼┼┼┼┼	FORMER RAILROAD

NOTES:
SUBSURFACE UTILITY LINE AND FORMER STRUCTURES/BUILDINGS LOCATIONS ARE APPROXIMATE.

SOURCE NOTE:
THIS MAP WAS DEVELOPED FROM DRAWINGS BY SIMON HYDRO-SEARCH, DATED 02/11/94, DRAWING NO. 3075-d8 AND DRAWING NO. 3075-d2, DATED 11/15/93, PROJECT 304533075, A MAP FROM THE CITY OF STEVENS POINT, DRAWING E2 M-1461, DATE UNKNOWN, A MAP FROM THE CITY OF STEVENS POINT, DRAWING A-3 M-1456, DATED 1986, AND DRAWINGS FROM WISCONSIN PUBLIC SERVICE CORP., WSK509.DWG AND STPTGAS.DWG. GAS LINE TAKEN FROM WSK509.DWG AND ABANDONED GAS LINE TAKEN FROM WPSC W.O. 0013098081, STEVENS POINT AREA MAP NO. 2106-252. ALL LOCATIONS INCLUDING UTILITIES ARE APPROXIMATE.
STATE PLANE COORDINATES FOR SOIL BORINGS (B-1XX), HYDRO-PUNCH BORINGS (HP-1XX), MONITORING WELLS OW-1 THROUGH OW-8 AND PIEZOMETER P5B INSTALLED BY SIMON HYDRO-SEARCH WERE ESTABLISHED IN SURVEYS CONDUCTED IN 1993 BY KIEDROWSKI ENGINEERING, INC. STATE PLANE COORDINATES ESTABLISHED BY WISCONSIN PUBLIC SERVICE IN 1998 INCLUDING MONITORING WELLS OW-1 THROUGH OW-4, OW-6 THROUGH OW-8 AND PIEZOMETER P5B INDICATE AN AVERAGE DISCREPANCY IN THE KIEDROWSKI LOCATIONS OF 22.42 FEET IN A DIRECTION 196°22'13" FROM NORTH. REVISED MONITORING WELL AND PIEZOMETER LOCATIONS SURVEYED BY WPSC ARE SHOWN. SIMON HYDRO-SEARCH SOIL BORING AND HYDRO-PUNCH LOCATIONS COULD NOT BE RELOCATED IN THE FIELD, AND THEREFORE, WERE NOT MODIFIED.
A SURVEY FROM WPSC DATED JANUARY 31, 2000 LOCATED NEW WELLS AND BORINGS (SB-207 THROUGH SB-216 INSTALLED JANUARY 2000).
A SURVEY FROM WPSC DATED 6/2/00 LOCATED MH-1, SG-1 AT BRIDGE AND RIVERS NORTH EDGE. RIVERS NORTH EDGE ESTABLISHES TRANSECT POLING AND SEDIMENT SAMPLE MARKER LOCATIONS. POLING AND SEDIMENT SAMPLE LOCATIONS FIELD MEASURED BY NRT AND TIED TO TRANSECT MARKERS ESTABLISHED BY WPSC ON 6/2/00.
POND SEDIMENT SAMPLINGS FIELD MEASURED BY NRT.
UNSURVEYED PORTION OF RIVER AND ISLAND FROM EARTHVISIONS U.S. TERRAIN SERIES © EARTHVISIONS, INC. 603-433-8500.

DRAWN BY:	RLH	DATE:	05/19/06
CHECKED BY:	EPK	DATE:	06/05/06
APPROVED BY:	EPK	DATE:	06/05/06

DRAWING NO: 1177-138-B06
REFERENCE: .

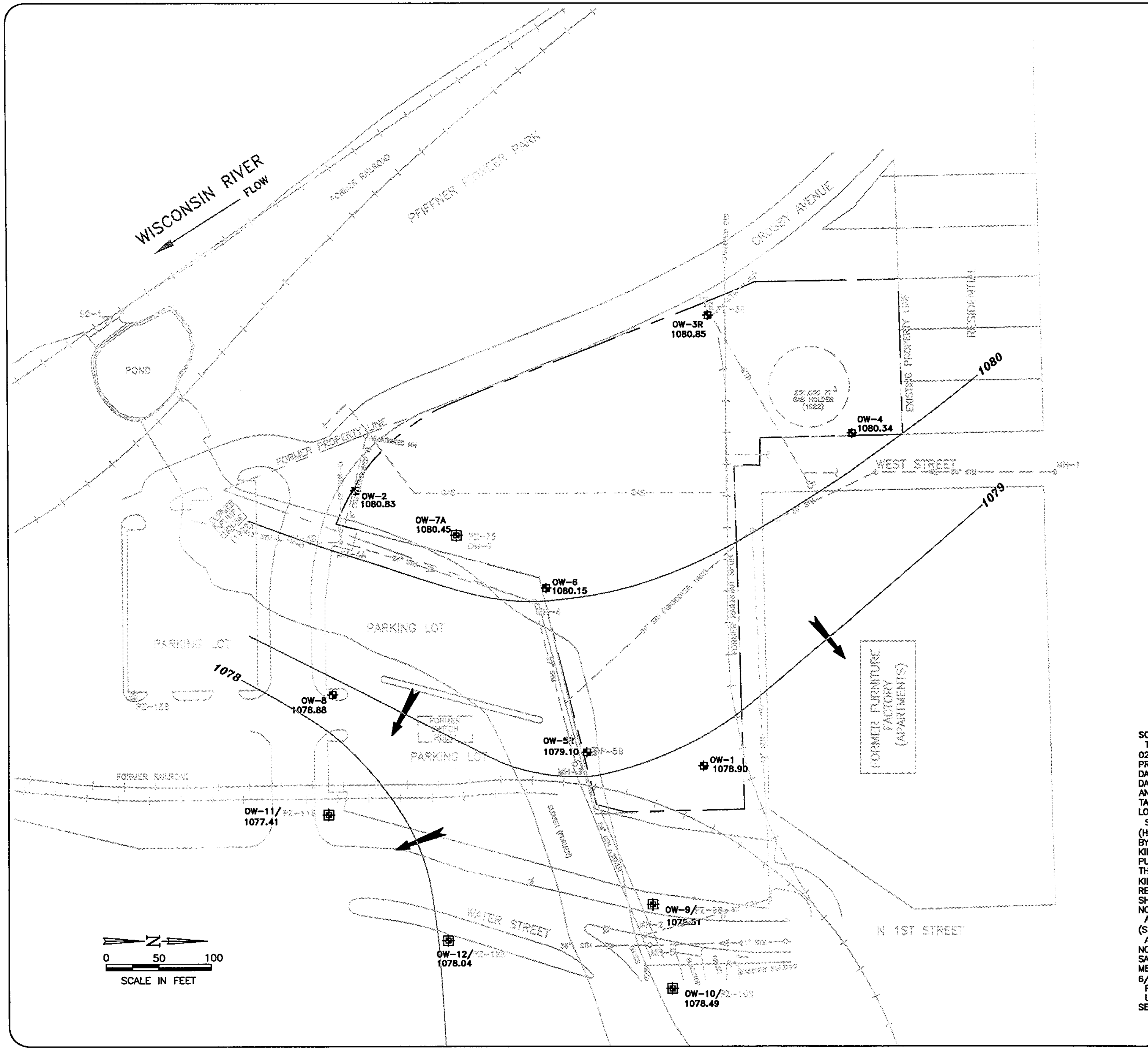
WATER TABLE ELEVATION CONTOURS
OCTOBER, 2005

2006 COMPLETION REPORT
WISCONSIN PUBLIC SERVICE CORPORATION
FORMER MANUFACTURED GAS PLANT, STEVENS POINT, WISCONSIN

NATURAL
RESOURCE
TECHNOLOGY

PROJECT NO.
1177/13.8

FIGURE NO.
1



LEGEND

⌒	WATER TABLE ELEVATION CONTOURS, FT.
➞	GROUNDWATER FLOW DIRECTION
OW-1 1078.90 ⊞	WATER TABLE OBSERVATION WELL AND GROUNDWATER ELEVATION, FT.
OW-9 1078.51 ⊞ /PZ-9B	WATER TABLE OBSERVATION WELL AND GROUNDWATER ELEVATION, FT./NESTED MONITORING WELL
P-5B ⊕	PIEZOMETER
SG-1 ▽	STAFF GAUGE
MH-1 ○	STORM SEWER MANHOLE
	HYDRANT
Ø	UTILITY POLE
— WTR —	WATER LINE
— GAS —	GAS LINE
— STM —	STORM SEWER
MGP	MANUFACTURED GAS PLANT
⬚	FORMER BUILDINGS
⊂⊃	FORMER MGP PROCESS STRUCTURES
┼┼┼┼	FORMER RAILROAD

NOTES:
SUBSURFACE UTILITY LINE AND FORMER STRUCTURES/BUILDINGS LOCATIONS ARE APPROXIMATE.

SOURCE NOTE:
THIS MAP WAS DEVELOPED FROM DRAWINGS BY SIMON HYDRO-SEARCH, DATED 02/11/94, DRAWING NO. 3075-d8 AND DRAWING NO. 3075-d2, DATED 11/15/93, PROJECT 304533075, A MAP FROM THE CITY OF STEVENS POINT, DRAWING E2 M-1461, DATE UNKNOWN, A MAP FROM THE CITY OF STEVENS POINT, DRAWING A-3 M-1456, DATED 1986, AND DRAWINGS FROM WISCONSIN PUBLIC SERVICE CORP., WSK509.DWG AND STPTGAS.DWG. GAS LINE TAKEN FROM WSK509.DWG AND ABANDONED GAS LINE TAKEN FROM WPSC W.O. 0013098081, STEVENS POINT AREA MAP NO. 2106-252. ALL LOCATIONS INCLUDING UTILITIES ARE APPROXIMATE.

STATE PLANE COORDINATES FOR SOIL BORINGS (B-1XX), HYDRO-PUNCH BORINGS (HP-1XX), MONITORING WELLS OW-1 THROUGH OW-8 AND PIEZOMETER P5B INSTALLED BY SIMON HYDRO-SEARCH WERE ESTABLISHED IN SURVEYS CONDUCTED IN 1993 BY KIEDROWSKI ENGINEERING, INC. STATE PLANE COORDINATES ESTABLISHED BY WISCONSIN PUBLIC SERVICE IN 1998 INCLUDING MONITORING WELLS OW-1 THROUGH OW-4, OW-6 THROUGH OW-8 AND PIEZOMETER P5B INDICATE AN AVERAGE DISCREPANCY IN THE KIEDROWSKI LOCATIONS OF 22.42 FEET IN A DIRECTION 196°22'13" FROM NORTH. REVISED MONITORING WELL AND PIEZOMETER LOCATIONS SURVEYED BY WPSC ARE SHOWN. SIMON HYDRO-SEARCH SOIL BORING AND HYDRO-PUNCH LOCATIONS COULD NOT BE RELOCATED IN THE FIELD, AND THEREFORE, WERE NOT MODIFIED.

A SURVEY FROM WPSC DATED JANUARY 31, 2000 LOCATED NEW WELLS AND BORINGS (SB-207 THROUGH SB-216 INSTALLED JANUARY 2000).

A SURVEY FROM WPSC DATED 6/2/00 LOCATED MH-1, SG-1 AT BRIDGE AND RIVERS NORTH EDGE. RIVERS NORTH EDGE ESTABLISHES TRANSECT POLING AND SEDIMENT SAMPLE MARKER LOCATIONS. POLING AND SEDIMENT SAMPLE LOCATIONS FIELD MEASURED BY NRT AND TIED TO TRANSECT MARKERS ESTABLISHED BY WPSC ON 6/2/00.

POND SEDIMENT SAMPLINGS FIELD MEASURED BY NRT.

UNSURVEYED PORTION OF RIVER AND ISLAND FROM EARTHVISIONS U.S. TERRAIN SERIES © EARTHVISIONS, INC. 603-433-8500.

DRAWN BY: RLH DATE: 05/19/06
CHECKED BY: EPK DATE: 06/05/06
APPROVED BY: EPK DATE: 06/05/06
DRAWING NO: 1177-138-B26
REFERENCE: .

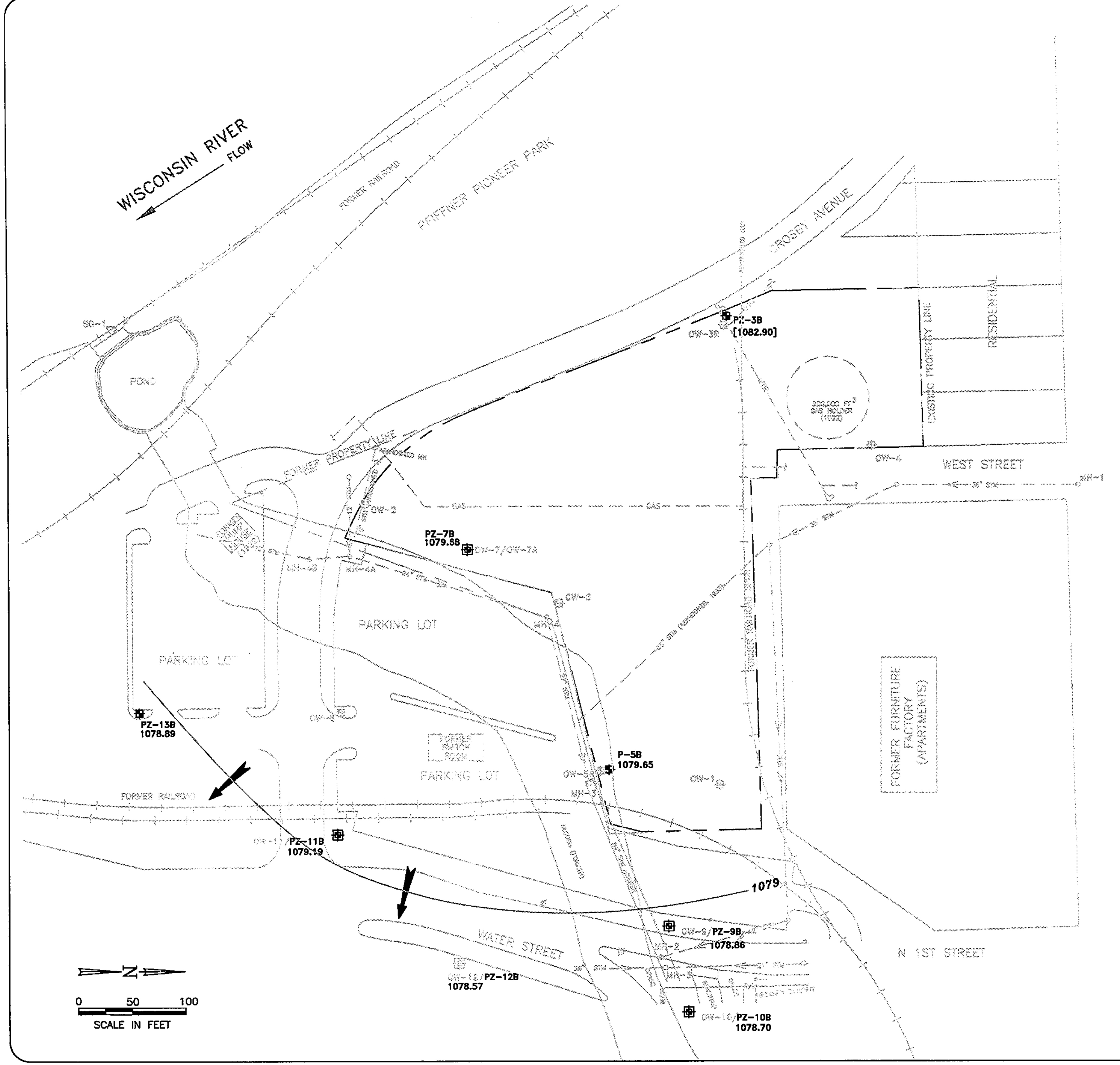
WATER TABLE ELEVATION CONTOURS
APRIL, 2006

2006 COMPLETION REPORT
WISCONSIN PUBLIC SERVICE CORPORATION
FORMER MANUFACTURED GAS PLANT, STEVENS POINT, WISCONSIN

NATURAL RESOURCE TECHNOLOGY

PROJECT NO.
1177/13.8

FIGURE NO.
2



LEGEND

⌒	PIEZOMETRIC SURFACE ELEVATION CONTOURS, FT.
➡	GROUNDWATER FLOW DIRECTION
P-5B ⊕ 1079.65	PIEZOMETER AND PIEZOMETRIC ELEVATION, FT.
PZ-9B 1078.86 ⊞ /OW-9	PIEZOMETER AND PIEZOMETRIC ELEVATION, FT./NESTED MONITORING WELL
⊕ PZ-3B [1082.90]	INTERMEDIATE PIEZOMETER, ELEVATION IS NOT UTILIZED FOR CONTOURING
OW-1 ⊕	WATER TABLE OBSERVATION WELL
SG-1 ▽	STAFF GAUGE
MH-1 ○	STORM SEWER MANHOLE
☆	HYDRANT
∅	UTILITY POLE
— WTR —	WATER LINE
— GAS —	GAS LINE
— STM —	STORM SEWER
MGP	MANUFACTURED GAS PLANT
▭	FORMER BUILDINGS
⊂⊃	FORMER MGP PROCESS STRUCTURES
┼┼┼┼	FORMER RAILROAD

NOTES:
SUBSURFACE UTILITY LINE AND FORMER STRUCTURES/BUILDINGS LOCATIONS ARE APPROXIMATE.

SOURCE NOTE:
THIS MAP WAS DEVELOPED FROM DRAWINGS BY SIMON HYDRO-SEARCH, DATED 02/11/94, DRAWING NO. 3075-d8 AND DRAWING NO. 3075-d2, DATED 11/15/93, PROJECT 304533075, A MAP FROM THE CITY OF STEVENS POINT, DRAWING E2 M-1461, DATE UNKNOWN, A MAP FROM THE CITY OF STEVENS POINT, DRAWING A-3 M-1456, DATED 1986, AND DRAWINGS FROM WISCONSIN PUBLIC SERVICE CORP., WSK509.DWG AND STPTGAS.DWG. GAS LINE TAKEN FROM WSK509.DWG AND ABANDONED GAS LINE TAKEN FROM WPSC W.O. 0013098081, STEVENS POINT AREA MAP NO. 2106-252. ALL LOCATIONS INCLUDING UTILITIES ARE APPROXIMATE.

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POND SEDIMENT SAMPLINGS FIELD MEASURED BY NRT.

UNSURVEYED PORTION OF RIVER AND ISLAND FROM EARTHVISIONS U.S. TERRAIN SERIES © EARTHVISIONS, INC. 603-433-8500.

DRAWN BY:	RLH	DATE:	05/19/06
CHECKED BY:	EPK	DATE:	06/05/06
APPROVED BY:	EPK	DATE:	06/05/06

DRAWING NO: 1177-138-B07
REFERENCE: .

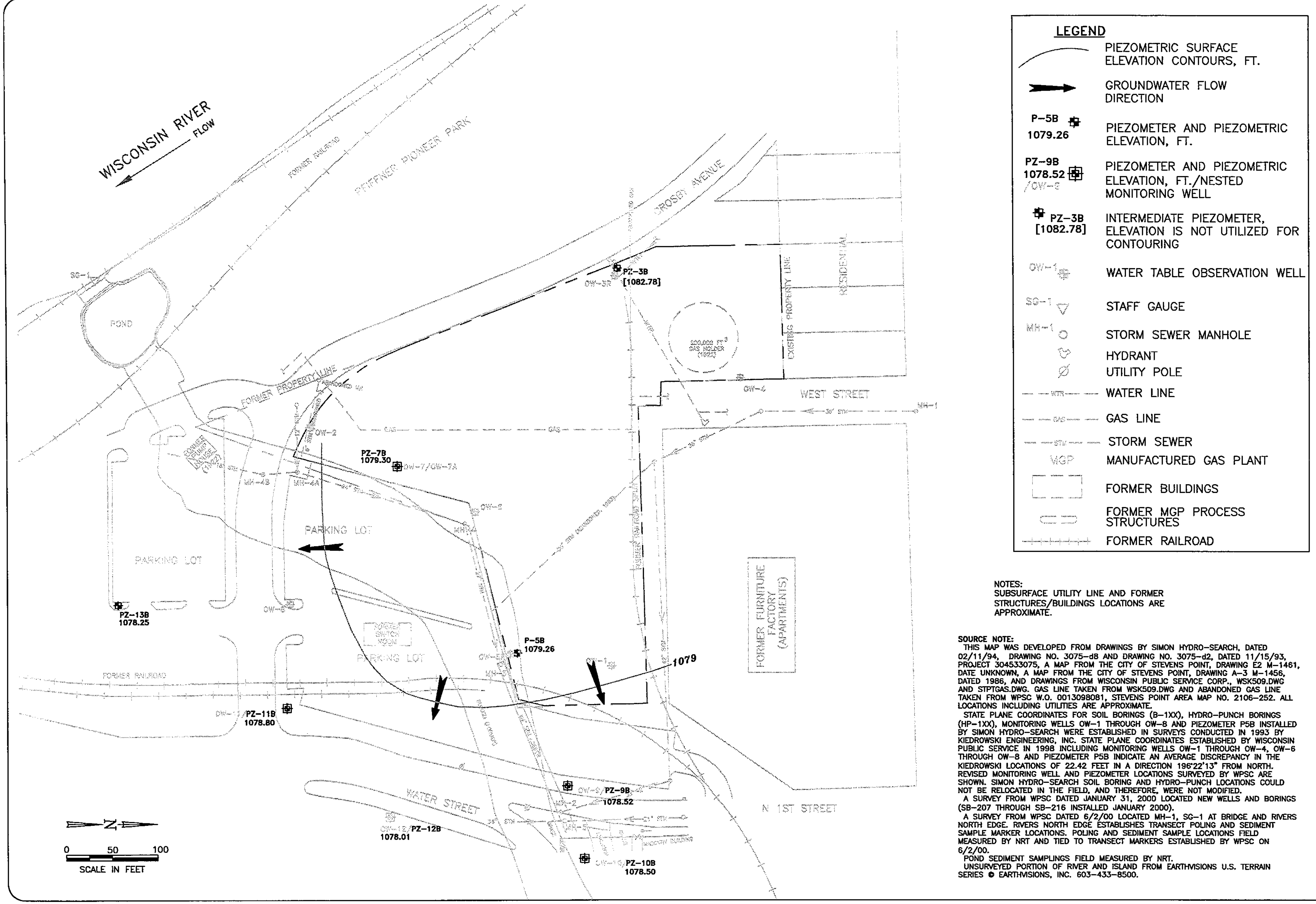
PIEZOMETRIC SURFACE ELEVATION CONTOURS, OCTOBER, 2005

2006 COMPLETION REPORT
WISCONSIN PUBLIC SERVICE CORPORATION
FORMER MANUFACTURE GAS PLANT, STEVENS POINT, WISCONSIN

NATURAL
RESOURCE
TECHNOLOGY

PROJECT NO.
1177/13.8

FIGURE NO.
3



NOTES:
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SOURCE NOTE:
THIS MAP WAS DEVELOPED FROM DRAWINGS BY SIMON HYDRO-SEARCH, DATED 02/11/94, DRAWING NO. 3075-d8 AND DRAWING NO. 3075-d2, DATED 11/15/93, PROJECT 304533075, A MAP FROM THE CITY OF STEVENS POINT, DRAWING E2 M-1461, DATE UNKNOWN, A MAP FROM THE CITY OF STEVENS POINT, DRAWING A-3 M-1456, DATED 1986, AND DRAWINGS FROM WISCONSIN PUBLIC SERVICE CORP., WSK509.DWG AND STPTGAS.DWG. GAS LINE TAKEN FROM WSK509.DWG AND ABANDONED GAS LINE TAKEN FROM WPSC W.O. 0013098081, STEVENS POINT AREA MAP NO. 2106-252. ALL LOCATIONS INCLUDING UTILITIES ARE APPROXIMATE.

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POND SEDIMENT SAMPLINGS FIELD MEASURED BY NRT.

UNSURVEYED PORTION OF RIVER AND ISLAND FROM EARTHVISIONS U.S. TERRAIN SERIES © EARTHVISIONS, INC. 603-433-8500.

DRAWN BY:	RLH	DATE:	05/19/06
CHECKED BY:	EPK	DATE:	06/05/06
APPROVED BY:	EPK	DATE:	06/05/06

DRAWING NO: 1177-138-B27
REFERENCE: .

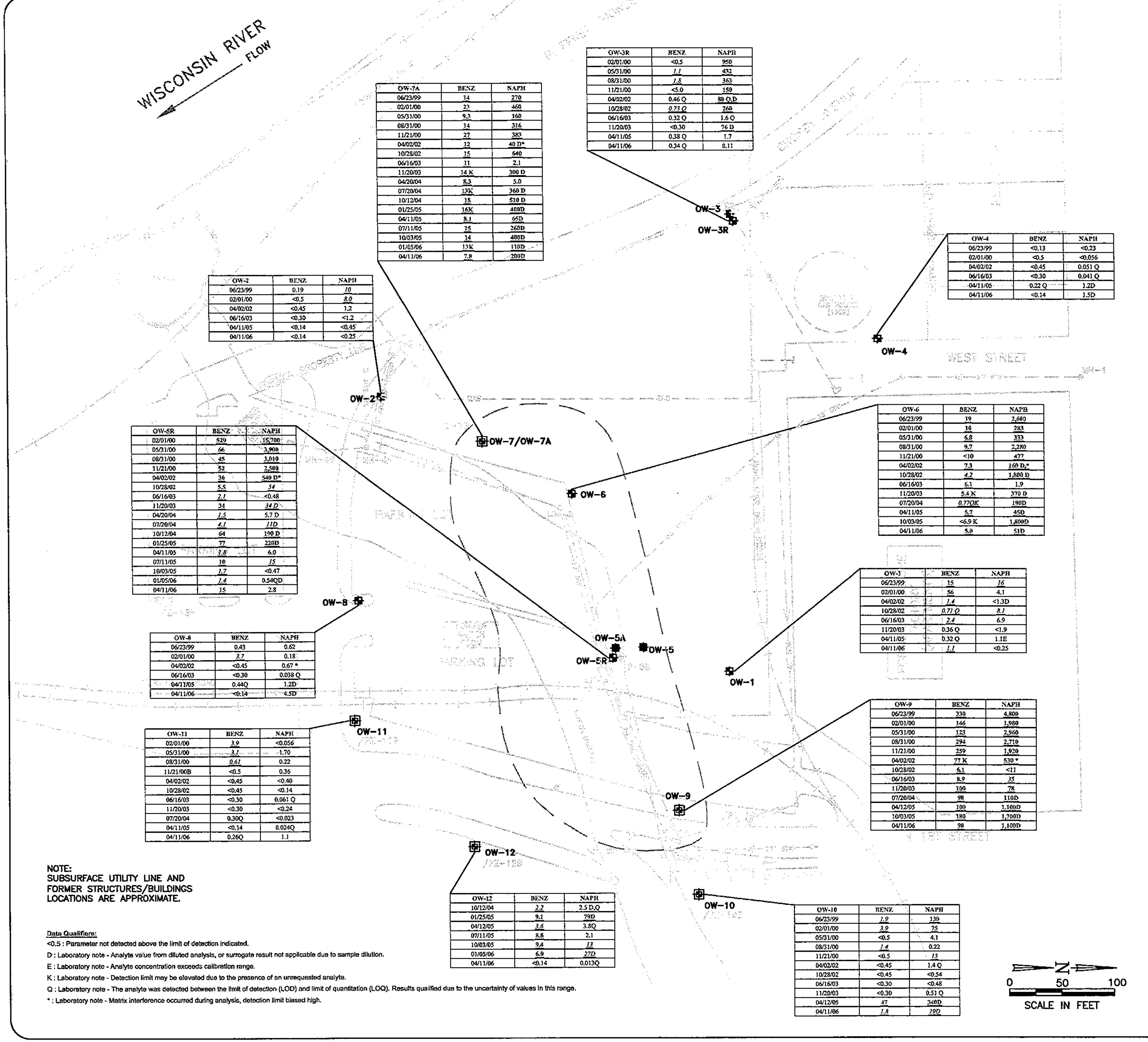
PIEZOMETRIC SURFACE ELEVATION CONTOURS, APRIL, 2006

2006 COMPLETION REPORT
WISCONSIN PUBLIC SERVICE CORPORATION
FORMER MANUFACTURE GAS PLANT, STEVENS POINT, WISCONSIN

NATURAL RESOURCE TECHNOLOGY

PROJECT NO.
1177/13.8

FIGURE NO.
4



OW-3R	BENZ	NAPH
02/01/00	<0.5	**950**
05/31/00	*1.1*	**432**
08/31/00	*1.8*	**363**
11/21/00	<5.0	**150**
04/02/02	0.46 Q	**88 Q,D**
10/28/02	*0.73 Q*	**260**
06/16/03	0.32 Q	1.6 Q
11/20/03	<0.30	**76 D**
04/11/05	0.38 Q	1.7
04/11/06	0.34 Q	0.11

OW-7A	BENZ	NAPH
06/23/99	**14**	**270**
02/01/00	**23**	**460**
05/31/00	**9.3**	**160**
08/31/00	**14**	**316**
11/21/00	**27**	**383**
04/02/02	**12**	**40 D***
10/28/02	**15**	**640**
06/16/03	**11**	2.1
11/20/03	**14 K**	**300 D**
04/20/04	**8.3**	5.0
07/20/04	**13K**	**360 D**
10/12/04	**18**	**510 D**
01/25/05	**16K**	**400D**
04/11/05	**8.1**	**65D**
07/11/05	**15**	**260D**
10/03/05	**14**	**400D**
01/05/06	**13K**	**110D**
04/11/06	**7.8**	**200D**

OW-4	BENZ	NAPH
06/23/99	<0.13	<0.23
02/01/00	<0.5	<0.056
04/02/02	<0.45	0.051 Q
06/16/03	<0.30	0.041 Q
04/11/05	0.22 Q	1.2D
04/11/06	<0.14	1.5D

OW-2	BENZ	NAPH
06/23/99	0.19	*10*
02/01/00	<0.5	*8.0*
04/02/02	<0.45	1.2
06/16/03	<0.30	<1.2
04/11/05	<0.14	<0.45
04/11/06	<0.14	<0.25

OW-5R	BENZ	NAPH
02/01/00	**529**	**15,700**
05/31/00	**66**	**3,900**
08/31/00	**45**	**3,010**
11/21/00	**52**	**2,500**
04/02/02	**36**	**540 D***
10/28/02	**5.5**	*54*
06/16/03	*2.1*	<0.48
11/20/03	**34**	*34 D*
04/20/04	*1.5*	5.7 D
07/20/04	*4.1*	*11D*
10/12/04	**64**	**190 D**
01/25/05	**77**	**220D**
04/11/05	*1.8*	6.0
07/11/05	**10**	*15*
10/03/05	*1.7*	<0.47
01/05/06	*1.4*	0.54QD
04/11/06	**15**	2.8

OW-6	BENZ	NAPH
06/23/99	**19**	**2,600**
02/01/00	**10**	**283**
05/31/00	**6.8**	**333**
08/31/00	**9.7**	**2,280**
11/21/00	<10	**477**
04/02/02	**7.3**	**160 D,***
10/28/02	*4.2*	**1,800 D**
06/16/03	**6.1**	1.9
11/20/03	**5.4 K**	**370 D**
07/20/04	*0.77QK*	**190D**
04/11/05	**5.7**	**45D**
10/03/05	<6.9 K	**1,800D**
04/11/06	**5.0**	**51D**

OW-1	BENZ	NAPH
06/23/99	**15**	*16*
02/01/00	**56**	4.1
04/02/02	*1.4*	<1.3D
10/28/02	*0.71 Q*	*8.1*
06/16/03	*2.4*	6.9
11/20/03	0.36 Q	<1.9
04/11/05	0.32 Q	1.1E
04/11/06	*1.1*	<0.25

OW-8	BENZ	NAPH
06/23/99	0.43	0.62
02/01/00	*3.7*	0.18
04/02/02	<0.45	0.67 *
06/16/03	<0.30	0.038 Q
04/11/05	0.44Q	1.2D
04/11/06	<0.14	4.5D

OW-11	BENZ	NAPH
02/01/00	*3.9*	<0.056
05/31/00	*3.1*	1.70
08/31/00	*0.61*	0.22
11/21/00B	<0.5	0.36
04/02/02	<0.45	<0.40
10/28/02	<0.45	<0.14
06/16/03	<0.30	0.061 Q
11/20/03	<0.30	<0.24
07/20/04	0.30Q	<0.023
04/11/05	<0.14	0.024Q
04/11/06	0.26Q	1.1

OW-9	BENZ	NAPH
06/23/99	**330**	**4,800**
02/01/00	**146**	**1,980**
05/31/00	**123**	**2,960**
08/31/00	**294**	**2,710**
11/21/00	**259**	**1,920**
04/02/02	**77 K**	**530 ***
10/28/02	**6.1**	<11
06/16/03	**8.9**	**35**
11/20/03	**100**	**78**
07/20/04	**98**	**110D**
04/12/05	**100**	**1,100D**
10/03/05	**180**	**1,700D**
04/11/06	**98**	**1,100D**

OW-12	BENZ	NAPH
10/12/04	*2.2*	2.5 D,Q
01/25/05	**9.1**	**79D**
04/12/05	*3.6*	3.8Q
07/11/05	**8.8**	2.1
10/03/05	**9.4**	*13*
01/05/06	**6.9**	*27D*
04/11/06	<0.14	0.013Q

OW-10	BENZ	NAPH
06/23/99	*1.9*	**130**
02/01/00	*3.9*	**75**
05/31/00	<0.5	4.1
08/31/00	*1.4*	0.22
11/21/00	<0.5	*15*
04/02/02	<0.45	1.4 Q
10/28/02	<0.45	<0.54
06/16/03	<0.30	<0.48
11/20/03	<0.30	0.51 Q
04/12/05	**47**	**340D**
04/11/06	*1.8*	*19D*

NOTE:
SUBSURFACE UTILITY LINE AND FORMER STRUCTURES/BUILDINGS LOCATIONS ARE APPROXIMATE.

Data Qualifiers:
<0.5 : Parameter not detected above the limit of detection indicated.
D : Laboratory note - Analyte value from diluted analysis, or surrogate result not applicable due to sample dilution.
E : Laboratory note - Analyte concentration exceeds calibration range.
K : Laboratory note - Detection limit may be elevated due to the presence of an unrequested analyte.
Q : Laboratory note - The analyte was detected between the limit of detection (LOD) and limit of quantitation (LOQ). Results qualified due to the uncertainty of values in this range.
* : Laboratory note - Matrix interference occurred during analysis, detection limit biased high.

LEGEND

ESTIMATED EXTENT OF SHALLOW GROUNDWATER WITH BENZENE AND NAPHTHALENE CONCENTRATIONS ABOVE THE NR140 ES
OW-9 NESTED MONITORING WELL
OW-1 WATER TABLE OBSERVATION WELL
OW-3 ABANDONED WATER TABLE OBSERVATION WELL
PIEZOMETER
STAFF GAUGE

WELL NUMBER	BENZENE	NAPHTHALENE
DATE SAMPLED	µg/L	µg/L

µg/L MICROGRAMS PER LITER
10 CONCENTRATION ATTAINS/EXCEEDS NR 140 ENFORCEMENT STANDARDS
2.3 CONCENTRATION ATTAINS/EXCEEDS NR 140 PREVENTIVE ACTION LIMIT
STORM SEWER MANHOLE
HYDRANT
UTILITY POLE
WATER LINE
GAS LINE
STORM SEWER
MGP MANUFACTURED GAS PLANT
FORMER BUILDINGS
FORMER MGP PROCESS STRUCTURES
FORMER RAILROAD

SOURCE NOTE:
THIS MAP WAS DEVELOPED FROM DRAWINGS BY SIMON HYDRO-SEARCH, DATED 02/11/94, DRAWING NO. 3075-d8 AND DRAWING NO. 3075-d2, DATED 11/15/93, PROJECT 304533075, A MAP FROM THE CITY OF STEVENS POINT, DRAWING E2 M-1461, DATE UNKNOWN, A MAP FROM THE CITY OF STEVENS POINT, DRAWING A-3 M-1456, DATED 1986, AND DRAWINGS FROM WISCONSIN PUBLIC SERVICE CORP., WSK509.DWG AND STPTGAS.DWG. GAS LINE TAKEN FROM WSK509.DWG AND ABANDONED GAS LINE TAKEN FROM WPSC W.O. 0013098081, STEVENS POINT AREA MAP NO. 2106-252. ALL LOCATIONS INCLUDING UTILITIES ARE APPROXIMATE.

STATE PLANE COORDINATES FOR MONITORING WELLS OW-1 THROUGH OW-8 AND PIEZOMETER P-5B INSTALLED BY SIMON HYDRO-SEARCH WERE ESTABLISHED IN SURVEYS CONDUCTED IN 1993 BY KIEDROWSKI ENGINEERING, INC. STATE PLANE COORDINATES ESTABLISHED BY WISCONSIN PUBLIC SERVICE IN 1998 INCLUDING MONITORING WELLS OW-1 THROUGH OW-4, OW-6 THROUGH OW-8 AND PIEZOMETER P-5B INDICATE AN AVERAGE DISCREPANCY IN THE KIEDROWSKI LOCATIONS OF 22.42 FEET IN A DIRECTION 196°22'13" FROM NORTH. REVISED MONITORING WELL AND PIEZOMETER LOCATIONS SURVEYED BY WPSC ARE SHOWN. SIMON HYDRO-SEARCH SOIL BORING AND HYDRO-PUNCH LOCATIONS COULD NOT BE RELOCATED IN THE FIELD, AND THEREFORE, WERE NOT MODIFIED.

A SURVEY FROM WPSC DATED JANUARY 31, 2000 LOCATED NEW WELLS AND BORINGS (SB-207 THROUGH SB-216 INSTALLED JANUARY 2000).

A SURVEY FROM WPSC DATED 6/2/00 LOCATED MH-1, SG-1 AT BRIDGE AND RIVERS NORTH EDGE. RIVERS NORTH EDGE ESTABLISHES TRANSECT POLING AND SEDIMENT SAMPLE MARKER LOCATIONS. POLING AND SEDIMENT SAMPLE LOCATIONS FIELD MEASURED BY NRT AND TIED TO TRANSECT MARKERS ESTABLISHED BY WPSC ON 6/2/00.

POND SEDIMENT SAMPLINGS FIELD MEASURED BY NRT.

UNSURVEYED PORTION OF RIVER AND ISLAND FROM EARTHVISIONS U.S. TERRAIN SERIES © EARTHVISIONS, INC. 603-433-8500.

DRAWN BY: RLH DATE: 05/24/06
CHECKED BY: EPK DATE: 06/05/06
APPROVED BY: EPK DATE: 06/05/06
DRAWING NO: 1177-138-B08
REFERENCE: CAD Table 060503.xls

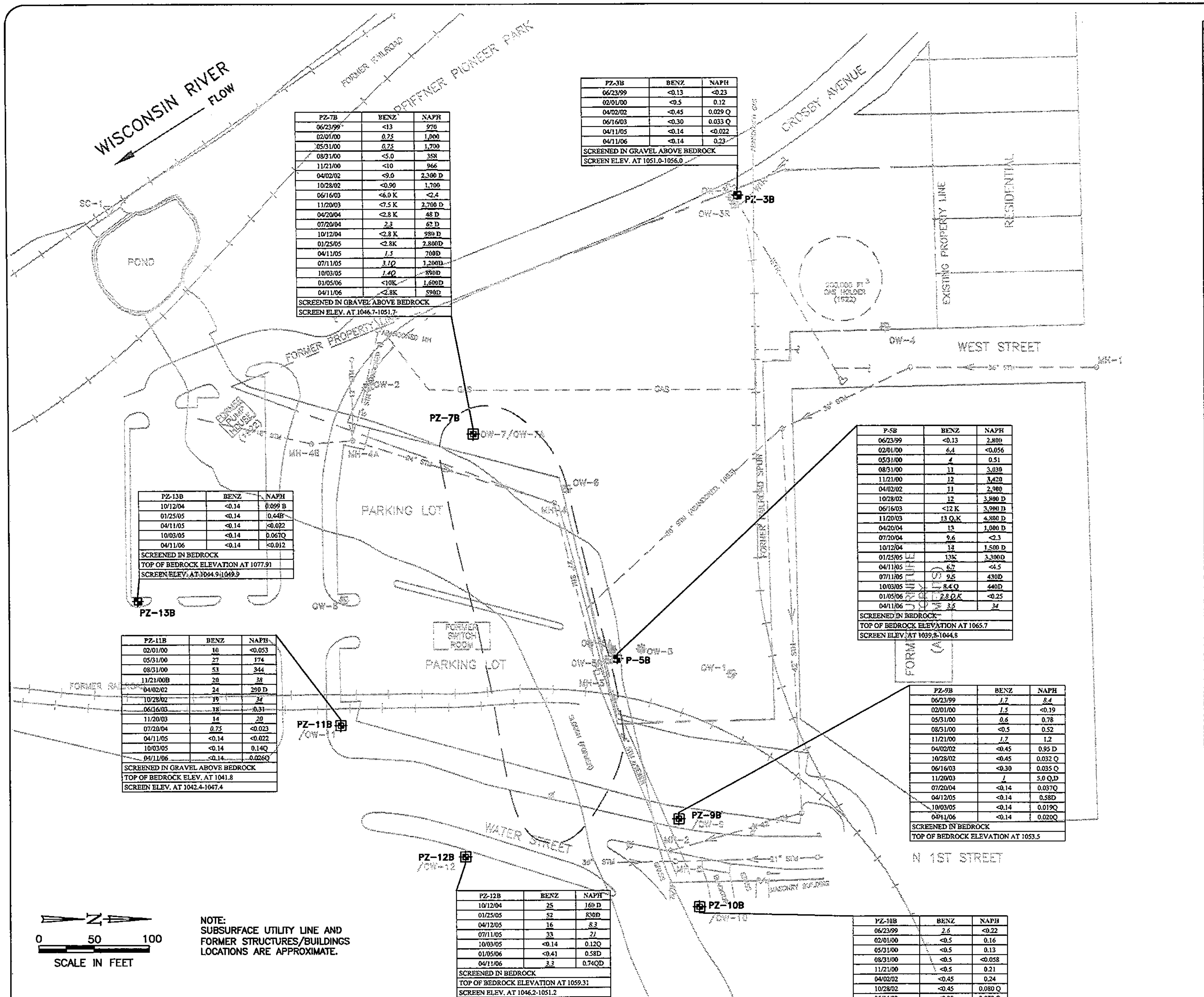
SHALLOW GROUNDWATER QUALITY
1999-2006

2005 GROUNDWATER QUALITY UPDATE
WISCONSIN PUBLIC SERVICE CORPORATION
FORMER MANUFACTURED GAS PLANT, STEVENS POINT, WISCONSIN

NATURAL RESOURCE TECHNOLOGY

PROJECT NO.
1177/13.8

FIGURE NO.
5



PZ-3B	BENZ	NAPH
06/23/99	<0.13	<0.23
02/01/00	<0.5	0.12
04/02/02	<0.45	0.029 Q
06/16/03	<0.30	0.033 Q
04/11/05	<0.14	<0.022
04/11/06	<0.14	0.23
SCREENED IN GRAVEL ABOVE BEDROCK		
SCREEN ELEV. AT 1051.0-1056.0		

PZ-7B	BENZ	NAPH
06/23/99	<13	970
02/01/00	*0.75*	1,000
05/31/00	*0.75*	1,700
08/31/00	<5.0	358
11/21/00	<10	966
04/02/02	<9.0	2,300 D
10/28/02	<0.90	1,700
06/16/03	<6.0 K	<2.4
11/20/03	<7.5 K	2,700 D
04/20/04	<2.8 K	48 D
07/20/04	2.3	62 D
10/12/04	<2.8 K	980 D
01/25/05	<2.8K	2,800D
04/11/05	*1.5*	700D
07/11/05	*3.1Q*	1,200D
10/03/05	*1.4Q*	890D
01/05/06	<10K	1,600D
04/11/06	<2.8K	590D
SCREENED IN GRAVEL ABOVE BEDROCK		
SCREEN ELEV. AT 1046.7-1051.7		

P-5B	BENZ	NAPH
06/23/99	<0.13	2,800
02/01/00	6.4	<0.056
05/31/00	4	0.51
08/31/00	11	3,030
11/21/00	12	3,420
04/02/02	11	2,900
10/28/02	12	3,800 D
06/16/03	<12 K	3,900 D
11/20/03	13 Q,K	4,800 D
04/20/04	13	1,000 D
07/20/04	9.6	<2.3
10/12/04	14	1,500 D
01/25/05	13K	3,300D
04/11/05	6.7	<4.5
07/11/05	9.5	430D
10/03/05	8.4 Q	440D
01/05/06	*2.8 Q,K*	<0.25
04/11/06	*3.5*	*34*
SCREENED IN BEDROCK		
TOP OF BEDROCK ELEVATION AT 1065.7		
SCREEN ELEV. AT 1039.8-1044.8		

PZ-13B	BENZ	NAPH
10/12/04	<0.14	0.099 B
01/25/05	<0.14	0.44B
04/11/05	<0.14	<0.022
10/03/05	<0.14	0.067Q
04/11/06	<0.14	<0.012
SCREENED IN BEDROCK		
TOP OF BEDROCK ELEVATION AT 1077.91		
SCREEN ELEV. AT 1044.9-1049.9		

PZ-11B	BENZ	NAPH
02/01/00	10	<0.053
05/31/00	27	174
08/31/00	53	344
11/21/00B	20	*38*
04/02/02	24	290 D
10/28/02	19	*34*
06/16/03	18	0.31
11/20/03	14	*20*
07/20/04	*0.75*	<0.023
04/11/05	<0.14	<0.022
10/03/05	<0.14	0.14Q
04/11/06	<0.14	0.026Q
SCREENED IN GRAVEL ABOVE BEDROCK		
TOP OF BEDROCK ELEV. AT 1041.8		
SCREEN ELEV. AT 1042.4-1047.4		

PZ-9B	BENZ	NAPH
06/23/99	*1.7*	*8.4*
02/01/00	*1.5*	<0.19
05/31/00	*0.6*	0.78
08/31/00	<0.5	0.52
11/21/00	*1.7*	1.2
04/02/02	<0.45	0.95 D
10/28/02	<0.45	0.032 Q
06/16/03	<0.30	0.035 Q
11/20/03	*1*	5.0 Q,D
07/20/04	<0.14	0.037Q
04/12/05	<0.14	0.58D
10/03/05	<0.14	0.019Q
04/11/06	<0.14	0.020Q
SCREENED IN BEDROCK		
TOP OF BEDROCK ELEVATION AT 1053.5		

PZ-12B	BENZ	NAPH
10/12/04	25	160 D
01/25/05	52	830D
04/12/05	16	*8.3*
07/11/05	33	*21*
10/03/05	<0.14	0.12Q
01/05/06	<0.41	0.58D
04/11/06	*3.3*	0.74QD
SCREENED IN BEDROCK		
TOP OF BEDROCK ELEVATION AT 1059.31		
SCREEN ELEV. AT 1046.2-1051.2		

PZ-10B	BENZ	NAPH
06/23/99	*2.6*	<0.22
02/01/00	<0.5	0.16
05/31/00	<0.5	0.13
08/31/00	<0.5	<0.058
11/21/00	<0.5	0.21
04/02/02	<0.45	0.24
10/28/02	<0.45	0.080 Q
06/16/03	<0.30	0.072 Q
11/20/03	<0.30	0.042 Q
04/12/05	<0.14	0.040 Q
04/11/06	<0.14	0.045
SCREENED IN BEDROCK		
TOP OF BEDROCK ELEVATION AT 1058.6		
SCREEN ELEV. AT 1037.8-1042.8		

NOTE:
SUBSURFACE UTILITY LINE AND FORMER STRUCTURES/BUILDINGS LOCATIONS ARE APPROXIMATE.

Data Qualifiers:

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B : Laboratory note - BTEX parameters analyzed past holding time, results may be biased low.

D : Laboratory note - Analyte value from diluted analysis, or surrogate result not applicable due to sample dilution.

K : Laboratory note - Detection limit may be elevated due to the presence of an unrequested analyte.

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LEGEND

ESTIMATED EXTENT OF DEEP GROUNDWATER WITH BENZENE AND NAPHTHALENE CONCENTRATIONS ABOVE THE NR140 ES

PZ-9B /OW-9 — NESTED PIEZOMETER WELL

P-5B — PIEZOMETER

OW-1 — WATER TABLE OBSERVATION WELL

OW-3 — ABANDONED WATER TABLE OBSERVATION WELL

SG-1 ▽ STAFF GAUGE

WELL NUMBER	BENZENE	NAPHTHALENE
DATE SAMPLED	μg/L	μg/L

μg/L — MICROGRAMS PER LITER

11 — CONCENTRATION ATTAINS/EXCEEDS NR 140 ENFORCEMENT STANDARDS

2.0 — CONCENTRATION ATTAINS/EXCEEDS NR 140 PREVENTIVE ACTION LIMIT

MH-1 ○ STORM SEWER MANHOLE

HYDRANT

Ø UTILITY POLE

— WTR — WATER LINE

— GAS — GAS LINE

— STM — STORM SEWER

MGP — MANUFACTURED GAS PLANT

FORMER BUILDINGS

FORMER MGP PROCESS STRUCTURES

FORMER RAILROAD

SOURCE NOTE:
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A SURVEY FROM WPSC DATED 6/2/00 LOCATED MH-1, SG-1 AT BRIDGE AND RIVERS NORTH EDGE. RIVERS NORTH EDGE ESTABLISHES TRANSECT POLING AND SEDIMENT SAMPLE MARKER LOCATIONS. POLING AND SEDIMENT SAMPLE LOCATIONS FIELD MEASURED BY NRT AND TIED TO TRANSECT MARKERS ESTABLISHED BY WPSC ON 6/2/00.

POND SEDIMENT SAMPLINGS FIELD MEASURED BY NRT.

UNSURVEYED PORTION OF RIVER AND ISLAND FROM EARTHVISIONS U.S. TERRAIN SERIES © EARTHVISIONS, INC. 603-433-8500.

DRAWN BY:	RLH	DATE:	05/19/06
CHECKED BY:	PAR	DATE:	06/05/06
APPROVED BY:	EPK	DATE:	06/05/06

DRAWING NO: 1177-138-B09
REFERENCE: CAD Table 060503.xls

DEEP GROUNDWATER QUALITY
1999-2006

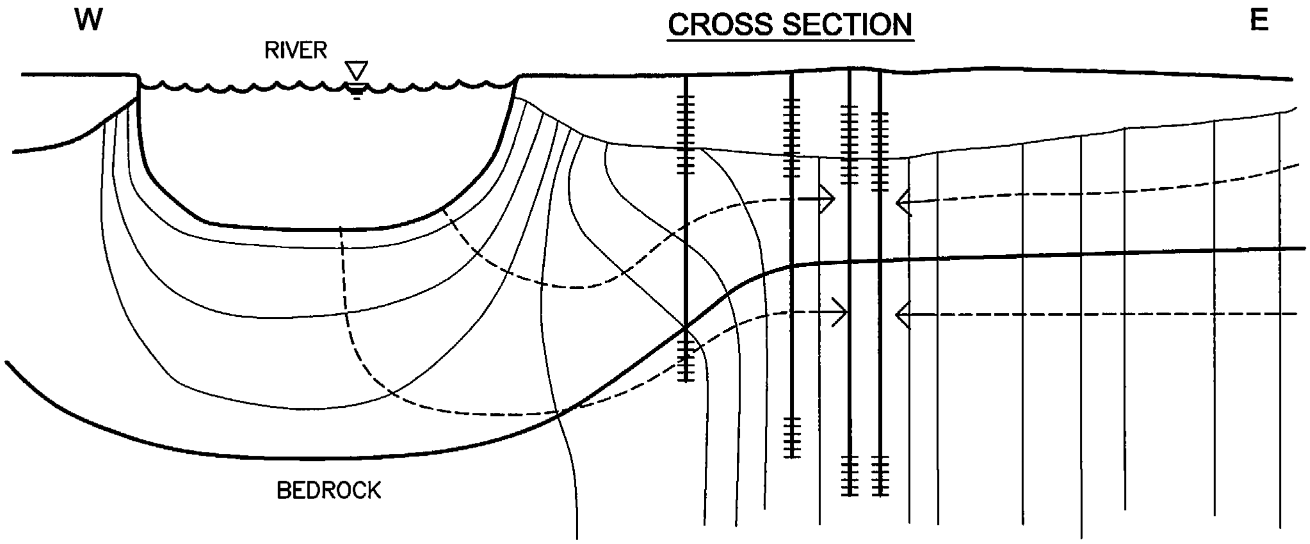
2005 GROUNDWATER QUALITY UPDATE
WISCONSIN PUBLIC SERVICE CORPORATION
FORMER MANUFACTURED GAS PLANT, STEVENS POINT, WISCONSIN

NATURAL
RESOURCE
TECHNOLOGY

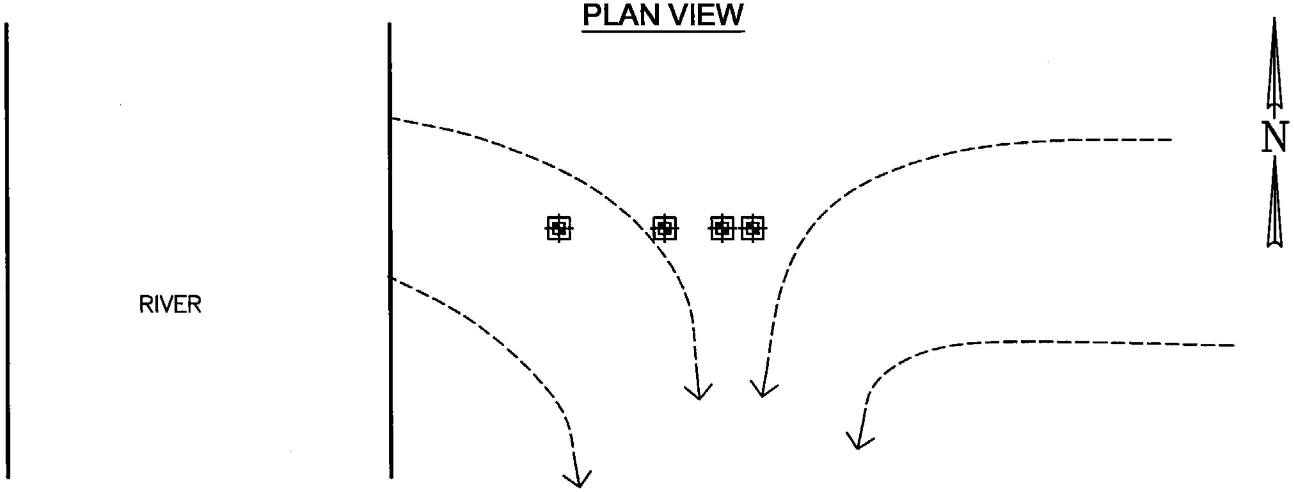
PROJECT NO.
1177/13.8

FIGURE NO.
6

CROSS SECTION



PLAN VIEW



LEGEND

⊞	NESTED WELL
—	EQUIPOTENTIAL LINE
←- - -	FLOW DIRECTION
▽	WATER LEVEL
≡	WELL SCREEN

Natural
Resource
Technology
N R T

CONCEPTUAL FLOW NET

2003 GROUNDWATER QUALITY UPDATE
WISCONSIN PUBLIC SERVICE CORPORATION
FORMER MANUFACTURE GAS PLANT
STEVENS POINT, WISCONSIN

DRAWN BY: TAS 02/13/04 APP'D BY: EPK DATE: 02/13/04

PROJECT NO.
1177/13.9

DRAWING NO.
1177-139-A01

FIGURE NO.
7

Table 1. Groundwater Elevation Summary

Wisconsin Public Service - Former Stevens Point Manufactured Gas Plant Site

1111 Crosby Avenue, Stevens Point, Wisconsin

USEPA WIN000509983 / BRRTS # 02-50-000079 / FID # 750081200

Well Data	**OW-1**				**OW-2**		**OW-3**	
Well Depth from TOC (feet)	12.51		15.62		15.6		13.98	
Screen Length (feet)	5		5		5		5	
Surface Elevation (MSL)	1085.8		1085.8		1086.9		1088.6	
Top of Casing Elevation (MSL)	1088.21		1091.32		1089.74		1091.58	
Top of Screen Elevation (MSL)	1080.7		1080.7		1079.14		1082.6	
Bottom of Screen Elevation (MSL)	1075.7		1075.7		1074.14		1077.6	
Date	**Depth to Water from TOC (feet)**	**Water Elevation (MSL)**	**Depth to Water from TOC (feet)**	**Water Elevation (MSL)**	**Depth to Water from TOC (feet)**	**Water Elevation (MSL)**	**Depth to Water from TOC (feet)**	**Water Elevation (MSL)**
09/16/93	8.88	1079.33	Casing added to the top of the well		9.42	1080.32 *	8.85	1082.73 *
08/15/96	8.94	1079.27			9.21	1080.53 *	9.49	1082.09
08/16/97	9.08	1079.13			9.35	1080.39 *	10.44	1081.14
09/03 & 04/97	9.20	1079.01			9.46	1080.28 *	10.67	1080.91
02/26/98	9.29	1078.92			9.26	1080.48 *	10.57	1081.01
06/22/99	Casing added to the top of the well		not measured		9.00	1080.74 *	Abandoned April 1998 Replaced with OW-3R	
01/31/00			12.87	1078.45	9.45	1080.29 *		
05/31/00			13.00	1078.32	9.08	1080.66 *		
08/31/00			12.15	1079.17	9.10	1080.64 *		
11/21/00			12.82	1078.50	9.38	1080.36 *		
04/01/02			12.33	1078.99	9.06	1080.68 *		
07/22/02			12.05	1079.27	9.05	1080.69 *		
10/28/02			11.95	1079.37	9.00	1080.74 *		
06/16/03			11.76	1079.56	8.68	1081.06 *		
11/20/03			12.33	1078.99	9.06	1080.68 *		
04/20/04			12.18	1079.14	8.90	1080.84 *		
07/20/04			11.68	1079.64	8.78	1080.96 *		
10/12/04			12.31	1079.01	9.09	1080.65 *		
01/25/05			12.43	1078.89	9.10	1080.64 *		
04/11/05			12.31	1079.01	8.90	1080.84 *		
07/11/05			12.33	1078.99	8.91	1080.83 *		
10/03/05			12.15	1079.17	8.92	1080.82 *		
01/05/06			12.51	1078.81	9.11	1080.63 *		
04/11/06			12.42	1078.90	8.91	1080.83 *		

Table 1. Groundwater Elevation Summary

Wisconsin Public Service - Former Stevens Point Manufactured Gas Plant Site

1111 Crosby Avenue, Stevens Point, Wisconsin

USEPA WIN000509983 / BRRTS # 02-50-000079 / FID # 750081200

Well Data	**OW-3R**		**PZ-3B**		**OW-4**		**OW-5**	
Well Depth from TOC (feet)	17.21		41.76		16.98		22.51	
Screen Length (feet)	10		5		10		10	
Surface Elevation (MSL)	1088.5		1090.1		1086.8		1085.5	
Top of Casing Elevation (MSL)	1090.60		1092.77		1090.16		1088.39	
Top of Screen Elevation (MSL)	1083.4		1056.0		1083.2		1075.9	
Bottom of Screen Elevation (MSL)	1073.4		1051.0		1073.2		1065.9	
Date	**Depth to Water from TOC (feet)**	**Water Elevation (MSL)**	**Depth to Water from TOC (feet)**	**Water Elevation (MSL)**	**Depth to Water from TOC (feet)**	**Water Elevation (MSL)**	**Depth to Water from TOC (feet)**	**Water Elevation (MSL)**
09/16/93	Constructed January 2000		Constructed in 1996		9.56	1080.60	8.88	1079.51 *
08/15/96			9.74	1083.03 *	9.89	1080.27	8.93	1079.46 *
08/16/97			9.76	1083.01 *	9.86	1080.30	9.03	1079.36 *
09/03 & 04/97			9.87	1082.90 *	9.96	1080.20	9.14	1079.25 *
02/26/98			10.79	1081.98 *	9.66	1080.50	9.31	1079.08 *
06/22/99			9.74	1083.03 *	9.88	1080.28	Abandoned April 1998 Well Was Not Replaced	
01/31/00	9.97	1080.63	10.18	1082.59 *	10.04	1080.12		
05/31/00	9.75	1080.85	9.91	1082.86 *	9.95	1080.21		
08/31/00	9.68	1080.92	9.78	1082.99 *	9.92	1080.24		
11/21/00	9.32	1081.28	10.71	1082.06 *	10.04	1080.12		
04/01/02	9.69	1080.91	9.92	1082.85 *	9.81	1080.35		
07/22/02	9.72	1080.88	9.90	1082.87 *	9.90	1080.26		
10/28/02	9.65	1080.95	9.90	1082.87 *	9.85	1080.31		
06/16/03	9.48	1081.12	9.76	1083.01 *	9.66	1080.50		
11/20/03	9.76	1080.84	10.08	1082.69 *	10.83	1079.33		
04/20/04	9.71	1080.89	9.92	1082.85 *	9.80	1080.36		
07/20/04	9.54	1081.06	9.71	1083.06 *	9.78	1080.38		
10/12/04	9.89	1080.71	10.01	1082.76 *	10.10	1080.06		
01/25/05	9.91	1080.69	10.11	1082.66 *	10.02	1080.14		
04/11/05	9.71	1080.89	9.70	1083.07 *	9.84	1080.32		
07/11/05	9.89	1080.71	10.09	1082.68 *	10.19	1079.97		
10/03/05	9.67	1080.93	9.87	1082.90 *	9.89	1080.27		
01/05/06	9.86	1080.74	10.04	1082.73 *	9.88	1080.28		
04/11/06	9.75	1080.85	9.99	1082.78 *	9.82	1080.34		

Table 1. Groundwater Elevation Summary

Wisconsin Public Service - Former Stevens Point Manufactured Gas Plant Site

1111 Crosby Avenue, Stevens Point, Wisconsin

USEPA WIN000509983 / BRRTS # 02-50-000079 / FID # 750081200

Well Data	**OW-5A**		**OW-5R**		**P-5B**		**OW-6**	
Well Depth from TOC (feet)	18.14		16.35		48.78		18.04	
Screen Length (feet)	10		10		5		10	
Surface Elevation (MSL)	1085.5		1086.9		1086.0		1084.7	
Top of Casing Elevation (MSL)	1088.39		1089.21		1088.62		1087.62	
Top of Screen Elevation (MSL)	1080.3		1082.9		1044.8		1079.6	
Bottom of Screen Elevation (MSL)	1070.3		1072.9		1039.8		1069.6	
Date	**Depth to Water from TOC (feet)**	**Water Elevation (MSL)**	**Depth to Water from TOC (feet)**	**Water Elevation (MSL)**	**Depth to Water from TOC (feet)**	**Water Elevation (MSL)**	**Depth to Water from TOC (feet)**	**Water Elevation (MSL)**
09/16/93	8.88	1079.51			8.73	1079.89 *	6.99	1080.63 *
08/15/96	8.93	1079.46			8.76	1079.86 *	7.10	1080.52 *
08/16/97	9.03	1079.36			8.88	1079.74 *	7.16	1080.46 *
09/03 & 04/97	9.14	1079.25			8.99	1079.63 *	7.19	1080.43 *
02/26/98	9.31	1079.08			9.22	1079.40 *	7.36	1080.26 *
06/22/99	Abandoned April 1998		Constructed January 2000		9.00	1079.62 *	7.10	1080.52 *
01/31/00	Replaced with OW-5R		10.60	1078.61	9.70	1078.92 *	7.71	1079.91 *
05/31/00			9.92	1079.29	9.32	1079.30 *	7.41	1080.21 *
08/31/00			9.73	1079.48	8.97	1079.65 *	7.15	1080.47 *
11/21/00			10.19	1079.02	9.30	1079.32 *	7.44	1080.18 *
04/01/02			10.16	1079.05	9.33	1079.29 *	7.47	1080.15 *
07/22/02			9.75	1079.46	9.00	1079.62 *	7.18	1080.44 *
10/28/02			9.62	1079.59	8.85	1079.77 *	7.10	1080.52 *
06/16/03			9.28	1079.93	9.85	1078.77 *	6.97	1080.65 *
11/20/03			10.04	1079.17	9.26	1079.36 *	7.39	1080.23 *
04/20/04			--	--	--	--	--	--
07/20/04			9.48	1079.73	8.62	1080.00 *	6.90	1080.72 *
10/12/04			10.02	1079.19	9.06	1079.56 *	7.25	1080.37 *
01/25/05			10.15	1079.06	9.33	1079.29 *	7.44	1080.18 *
04/11/05			9.95	1079.26	9.24	1079.38 *	7.37	1080.25 *
07/11/05			10.01	1079.20	9.16	1079.46 *	7.30	1080.32 *
10/03/05			9.67	1079.54	8.97	1079.65 *	7.13	1080.49 *
01/05/06			10.18	1079.03	9.38	1079.24 *	7.49	1080.13 *
04/11/06			10.11	1079.10	9.36	1079.26 *	7.47	1080.15 *

Table 1. Groundwater Elevation Summary

Wisconsin Public Service - Former Stevens Point Manufactured Gas Plant Site

1111 Crosby Avenue, Stevens Point, Wisconsin

USEPA WIN000509983 / BRRTS # 02-50-000079 / FID # 750081200

Well Data	**OW-7A**		**OW-7**		**PZ-7B^A**		**OW-8**	
Well Depth from TOC (feet)	18.15		27.1		43.17		17.62	
Screen Length (feet)	10		10		5		10	
Surface Elevation (MSL)	1085.4		1085.6		1087.2		1089.9	
Top of Casing Elevation (MSL)	1088.76		1088.46		1086.60		1092.26	
Top of Screen Elevation (MSL)	1080.6		1071.4		1048.4		1084.6	
Bottom of Screen Elevation (MSL)	1070.6		1061.4		1043.4		1074.6	
Date	**Depth to Water from TOC (feet)**	**Water Elevation (MSL)**	**Depth to Water from TOC (feet)**	**Water Elevation (MSL)**	**Depth to Water from TOC (feet)**	**Water Elevation (MSL)**	**Depth to Water from TOC (feet)**	**Water Elevation (MSL)**
09/16/93	8.94	1079.82	7.84	1080.62 *	Constructed in 1996		12.54	1079.72
08/15/96	8.73	1080.03	7.93	1080.53 *	8.12	1078.48 *	12.60	1079.66
08/16/97	8.80	1079.96	8.04	1080.42 *	8.35	1078.25 *	12.68	1079.58
09/03 & 04/97	8.90	1079.86	8.11	1080.35 *	8.47	1078.13 *	12.81	1079.45
02/26/98	8.75	1080.01	8.36	1080.10 *	8.71	1077.89 *	13.17	1079.09
06/22/99	8.25	1080.51	Abandoned April 1998		6.88	1079.72 *	12.87	1079.39
01/31/00	8.63	1080.13	Well Was Not Replaced		7.56	1079.04 *	13.72	1078.54
05/31/00	8.35	1080.41			7.22	1079.38 *	13.34	1078.92
08/31/00	8.35	1080.41			6.89	1079.71 *	12.90	1079.36
11/21/00	8.50	1080.26			7.22	1079.38 *	13.30	1078.96
04/01/02	8.35	1080.41			7.29	1079.31 *	13.42	1078.84
07/22/02	8.33	1080.43			6.88	1079.72 *	12.90	1079.36
10/28/02	8.30	1080.46			6.80	1079.80 *	12.80	1079.46
06/16/03	8.31	1080.45			6.79	1079.81 *	12.82	1079.44
11/20/03	8.28	1080.48			7.20	1079.40 *	13.31	1078.95
04/20/04	8.24	1080.52			7.15	1079.45 *	13.19	1079.07
07/20/04	8.21	1080.55			6.50	1080.10 *	12.37	1079.89
10/12/04	8.30	1080.46			7.02	1079.58 *	12.96	1079.30
01/25/05	8.40	1080.36			7.28	1079.32 *	13.29	1078.97
04/11/05	8.24	1080.52			7.20	1079.40 *	13.27	1078.99
07/11/05	8.29	1080.47			7.10	1079.50 *	13.06	1079.20
10/03/05	8.23	1080.53			6.92	1079.68 *	12.91	1079.35
01/05/06	8.41	1080.35			7.31	1079.29 *	13.26	1079.00
04/11/06	8.31	1080.45			7.30	1079.30 *	13.38	1078.88

Table 1. Groundwater Elevation Summary

Wisconsin Public Service - Former Stevens Point Manufactured Gas Plant Site

1111 Crosby Avenue, Stevens Point, Wisconsin

USEPA WIN000509983 / BRRTS # 02-50-000079 / FID # 750081200

Well Data	OW-9		PZ-9B		OW-10		PZ-10B	
Well Depth from TOC (feet)	21.18		53.65		12.3		53.3	
Screen Length (feet)	10		5		10		5	
Surface Elevation (MSL)	1088.6		1088.5		1088.6		1088.6	
Top of Casing Elevation (MSL)	1090.92		1090.91		1091.04		1091.09	
Top of Screen Elevation (MSL)	1079.7		1042.3		1088.7		1042.8	
Bottom of Screen Elevation (MSL)	1069.7		1037.3		1078.7		1037.8	
Date	**Depth to Water from TOC (feet)**	**Water Elevation (MSL)**	**Depth to Water from TOC (feet)**	**Water Elevation (MSL)**	**Depth to Water from TOC (feet)**	**Water Elevation (MSL)**	**Depth to Water from TOC (feet)**	**Water Elevation (MSL)**
08/16/97	Constructed August 1997		Constructed August 1997		Constructed August 1997		Constructed August 1997	
09/03 & 04/97	12.25	1078.67	12.17	1078.74 *	12.30	1078.74	12.44	1078.65 *
02/26/98	12.37	1078.55	12.37	1078.54 *	12.55	1078.49	12.51	1078.58 *
06/22/99	12.24	1078.68	12.25	1078.66 *	12.38	1078.66	13.14	1077.95 *
01/31/00	12.85	1078.07	12.85	1078.06 *	13.05	1077.99	12.95	1078.14 *
05/31/00	12.55	1078.37	12.47	1078.44 *	12.63	1078.41	12.70	1078.39 *
08/31/00	12.98	1077.94	12.08	1078.83 *	11.26	1079.78	11.29	1079.80 *
11/21/00	12.51	1078.41	12.43	1078.48 *	12.60	1078.44	12.64	1078.45 *
04/01/02	12.42	1078.50	12.36	1078.55 *	12.44	1078.60	12.54	1078.55 *
07/22/02	12.20	1078.72	12.10	1078.81 *	12.28	1078.76	12.16	1078.93 *
10/28/02	12.00	1078.92	11.90	1079.01 *	12.10	1078.94	12.12	1078.97 *
06/16/03	11.92	1079.00	11.87	1079.04 *	11.97	1079.07	12.20	1078.89 *
11/20/03	12.28	1078.64	12.30	1078.61 *	12.40	1078.64	12.48	1078.61 *
04/20/04	12.17	1078.75	12.15	1078.76 *	12.21	1078.83	12.36	1078.73 *
07/20/04	12.79	1078.13	11.70	1079.21 *	11.94	1079.10	11.77	1079.32 *
10/12/04	12.28	1078.64	12.23	1078.68 *	12.43	1078.61	12.23	1078.86 *
01/25/05	12.44	1078.48	12.41	1078.50 *	12.72	1078.32	12.43	1078.66 *
04/12/05	12.33	1078.59	12.32	1078.59 *	12.34	1078.70	12.55	1078.54 *
07/11/05	12.32	1078.60	12.27	1078.64 *	12.38	1078.66	12.64	1078.45 *
10/03/05	12.16	1078.76	12.05	1078.86 *	12.30	1078.74	12.39	1078.70 *
01/05/06	12.49	1078.43	12.38	1078.53 *	12.49	1078.55	12.80	1078.29 *
04/11/06	12.41	1078.51	12.39	1078.52 *	12.55	1078.49	12.59	1078.50 *

Table 1. Groundwater Elevation Summary

Wisconsin Public Service - Former Stevens Point Manufactured Gas Plant Site
1111 Crosby Avenue, Stevens Point, Wisconsin
USEPA WIN000509983 / BRRTS # 02-50-000079 / FID # 750081200

Well Data	OW-11		PZ-11B		OW-12[A]		PZ-12B[A]	
Well Depth from TOC (feet)	16.07		51.42		18.35		43.8	
Screen Length (feet)	10		5		10		5	
Surface Elevation (MSL)	1091.92		1091.8		1090.33		1090.31	
Top of Casing Elevation (MSL)	1094.14		1093.78		1090.06	1089.92	1090.02	1089.97
Top of Screen Elevation (MSL)	1088.1		1047.4		1081.7		1051.2	
Bottom of Screen Elevation (MSL)	1078.1		1042.4		1071.7		1046.2	
Date	**Depth to Water from TOC (feet)**	**Water Elevation (MSL)**	**Depth to Water from TOC (feet)**	**Water Elevation (MSL)**	**Depth to Water from TOC (feet)**	**Water Elevation (MSL)**	**Depth to Water from TOC (feet)**	**Water Elevation (MSL)**
06/22/99	Constructed January 2000		Constructed January 2000		Constructed September 2004		Constructed September 2004	
01/31/00	16.07	1078.07	15.43	1078.35 *				
05/31/00	15.76	1078.38	14.95	1078.83 *				
08/31/00	14.25	1079.89	14.60	1079.18 *				
11/21/00	15.71	1078.43	14.91	1078.87 *				
04/01/02	15.82	1078.32	14.94	1078.84 *				
07/22/02	15.23	1078.91	14.53	1079.25 *				
10/28/02	15.05	1079.09	14.40	1079.38 *				
06/16/03	15.20	1078.94	14.39	1079.39 *				
11/20/03	15.70	1078.44	14.88	1078.90 *				
04/20/04	15.54	1078.60	14.75	1079.03 *				
07/20/04	14.65	1079.49	14.13	1079.65 *				
10/12/04	15.30	1078.84	14.71	1079.07 *	11.42	1078.64	11.36	1078.66 *
01/25/05	15.70	1078.44	14.95	1078.83 *	11.56	1078.50	11.69	1078.33 *
4/11 & 12/05	15.61	1078.53	14.88	1078.90 *	11.87	1078.05	11.79	1078.18 *
07/11/05	15.41	1078.73	14.77	1079.01 *	11.60	1078.32	11.51	1078.46 *
10/03/05	15.26	1078.88	14.59	1079.19 *	11.43	1078.49	11.40	1078.57 *
01/05/06	15.56	1078.58	14.90	1078.88 *	11.68	1078.24	11.59	1078.38 *
04/11/06	16.73	1077.41	14.98	1078.80 *	11.88	1078.04	11.96	1078.01 *

Table 1. Groundwater Elevation Summary

Wisconsin Public Service - Former Stevens Point Manufactured Gas Plant Site

1111 Crosby Avenue, Stevens Point, Wisconsin

USEPA WIN000509983 / BRRTS # 02-50-000079 / FID # 750081200

Well Data	**PZ-13[A]**	
Well Depth from TOC (feet)	45.55	
Screen Length (feet)	5	
Surface Elevation (MSL)	1090.91	
Top of Casing Elevation (MSL)	1090.47	1090.44
Top of Screen Elevation (MSL)	1049.9	
Bottom of Screen Elevation (MSL)	1044.9	
Date	**Depth to Water from TOC (feet)**	**Water Elevation (MSL)**
10/12/04	11.63	1078.84 *
01/25/05	12.11	1078.36 *
04/11/05	12.05	1078.39 *
07/11/05	11.78	1078.66 *
10/03/05	11.55	1078.89 *
01/05/06	11.95	1078.49 *
04/11/06	12.19	1078.25 *

[U-EPK/JTB 1/05][U-EPK/PAR 5/05][U-PAR/RLH 8/05][U-EPK/PAR 6/06]

TOC : Top of PVC well casing
OW : Water table monitoring well
--: Not measured
Water level stopped functioning during field activities on 4/20/04.
* : Water level elevation above top of screen elevation
P/PZ : Piezometer
MSL: Elevations are referenced to feet above Mean Sea Level
A: Elevations for these wells determined by NRT field crew on Jan. 25, 2005. Survey was updated by WPSC personnel in Spring 2005.

Table 2. Vertical Gradients

Wisconsin Public Service - Former Stevens Point Manufactured Gas Plant Site

1111 Crosby Avenue, Stevens Point, Wisconsin

USEPA WIN000509983 / BRRTS # 02-50-000079 / FID # 750081200

Monitoring Location	TOC^{A} Elevation (feet)^{B}	Well Depth from TOC (feet)	Base of Well Elevation^{B}	Screen Length (feet)	Top of Screen Elevation (feet)^{B}	Middle of Screen Elevation^{B}	Monitoring Date	Depth to Water from TOC (feet)	Groundwater Elevation^{B}	Change in Head (dH)	Change in Distance (dL)	Vertical Hydraulic Gradient (dH/dL)	
Well Nest OW-3R(OW-3) / PZ-3B													
OW-3	1091.58	14.0	1077.6	5.0	1082.6	na	09/16/93	8.85	1082.73	na	na	na	na
							08/15/96	9.49	1082.09	-0.94	28.58	-3.3E-02	up
							08/16/97	10.44	1081.14	-1.87	27.63	-6.8E-02	strongly up
							09/03 & 04/97	10.67	1080.91	-1.99	27.40	-7.3E-02	strongly up
							02/26/98	10.57	1081.01	-0.97	27.50	-3.5E-02	up
							06/22/99	Abandoned in 1998 and OW-3R was not yet constructed					
OW-3R	1090.60	17.2	1073.4	10.0	1083.4	na	01/31/00	9.97	1080.63	-1.96	27.12	-7.2E-02	strongly up
							05/31/00	9.75	1080.85	-2.01	27.34	-7.4E-02	strongly up
							08/31/00	9.68	1080.92	-2.07	27.41	-7.6E-02	strongly up
							11/21/00	9.32	1081.28	-0.78	27.77	-2.8E-02	up
							04/01/02	9.69	1080.91	-1.94	27.40	-7.1E-02	strongly up
							07/22/02	9.72	1080.88	-1.99	27.37	-7.3E-02	strongly up
							10/28/02	9.65	1080.95	-1.92	27.44	-7.0E-02	strongly up
							06/16/03	9.48	1081.12	-1.89	27.61	-6.8E-02	strongly up
							11/20/03	9.76	1080.84	-1.85	27.33	-6.8E-02	strongly up
							04/20/04	9.71	1080.89	-1.96	27.38	-7.2E-02	strongly up
							07/20/04	9.54	1081.06	-2.00	27.55	-7.3E-02	strongly up
							10/12/04	9.89	1080.71	-2.05	27.20	-7.5E-02	strongly up
							01/25/05	9.91	1080.69	-1.97	27.18	-7.2E-02	strongly up
							04/11/05	9.71	1080.89	-2.18	27.38	-8.0E-02	strongly up
							07/11/05	9.89	1080.71	-1.97	27.20	-7.2E-02	strongly up
							10/03/05	9.67	1080.93	-1.97	27.42	-7.2E-02	strongly up
							01/05/06	9.86	1080.74	-1.99	27.23	-7.3E-02	strongly up
							04/11/06	9.75	1080.85	-1.93	27.34	-7.1E-02	strongly up
PZ-3B	1092.77	41.8	1051.0	5.0	1056.0	1053.5	09/16/93	not constructed					
							08/15/96	9.74	1083.03				
							08/16/97	9.76	1083.01				
							09/03 & 04/97	9.87	1082.90				
							02/26/98	10.79	1081.98				
							06/22/99	9.74	1083.03				
							01/31/00	10.18	1082.59				
							05/31/00	9.91	1082.86				
							08/31/00	9.78	1082.99				
							11/21/00	10.71	1082.06				
							04/01/02	9.92	1082.85				
							07/22/02	9.90	1082.87				
							10/28/02	9.90	1082.87				
							06/16/03	9.76	1083.01				
							11/20/03	10.08	1082.69				
							04/20/04	9.92	1082.85				
							07/20/04	9.71	1083.06				
							10/12/04	10.01	1082.76				
							01/25/05	10.11	1082.66				
							04/11/05	9.70	1083.07				
							07/11/05	10.09	1082.68				
							10/03/05	9.87	1082.90				
							01/05/06	10.04	1082.73				
							04/11/06	9.99	1082.78				
Well Nest OW-5R(OW-5A) / PZ-5B													
OW-5A	1088.39	18.1	1070.3	10.0	1080.3	na	09/16/93	8.88	1079.51	-0.38	37.17	-1.0E-02	up
							08/15/96	8.93	1079.46	-0.40	37.12	-1.1E-02	up
							08/16/97	9.03	1079.36	-0.38	37.02	-1.0E-02	up
							09/03 & 04/97	9.14	1079.25	-0.38	36.91	-1.0E-02	up
							02/26/98	9.31	1079.08	-0.32	36.74	-8.7E-03	weakly up
							06/22/99	Abandoned in 1998 and OW-5R was not yet constructed					
OW-5R	1089.21	16.4	1072.9	10.0	1082.9	na	01/31/00	10.60	1078.61	-0.31	36.27	-8.5E-03	weakly up
							05/31/00	9.92	1079.29	-0.01	36.95	-2.7E-04	flat
							08/31/00	9.73	1079.48	-0.17	37.14	-4.6E-03	flat
							11/21/00	10.19	1079.02	-0.30	36.68	-8.2E-03	weakly up
							04/01/02	10.16	1079.05	-0.24	36.71	-6.5E-03	weakly up
							07/22/02	9.75	1079.46	-0.16	37.12	-4.3E-03	flat
							10/28/02	9.62	1079.59	-0.18	37.25	-4.8E-03	flat
							06/16/03	9.28	1079.93	0.16	37.59	4.3E-03	flat
							11/20/03	10.04	1079.17	-0.19	36.83	-5.2E-03	weakly up
							04/20/04	--	--	--	--	--	--
							07/20/04	9.48	1079.73	-0.27	37.39	-7.2E-03	weakly up
							10/12/04	10.02	1079.19	-0.37	36.85	-1.0E-02	up
							01/25/05	10.15	1079.06	-0.23	36.72	-6.3E-03	weakly up
							04/11/05	9.95	1079.26	-0.12	36.92	-3.3E-03	flat
							07/11/05	10.01	1079.20	-0.26	36.86	-7.1E-03	weakly up
							10/03/05	9.67	1079.54	-0.11	37.20	-3.0E-03	flat
							01/05/06	10.18	1079.03	-0.21	36.69	-5.7E-03	weakly up
							04/11/06	10.11	1079.10	-0.16	36.76	-4.4E-03	flat
P-5B	1088.62	48.8	1039.8	5.0	1044.8	1042.3	09/16/93	8.73	1079.89				
							08/15/96	8.76	1079.86				
							08/16/97	8.88	1079.74				
							09/03 & 04/97	8.99	1079.63				
							02/26/98	9.22	1079.40				
							06/22/99	9.00	1079.62				
							01/31/00	9.70	1078.92				
							05/31/00	9.32	1079.30				
							08/31/00	8.97	1079.65				
							11/21/00	9.30	1079.32				
							04/01/02	9.33	1079.29				
							07/22/02	9.00	1079.62				
							10/28/02	8.85	1079.77				
							06/16/03	8.85	1079.77				
							11/20/03	9.26	1079.36				
							04/20/04	--	--				
							07/20/04	8.62	1080.00				
							10/12/04	9.06	1079.56				
							01/25/05	9.33	1079.29				
							04/11/05	9.24	1079.38				
							07/11/05	9.16	1079.46				
							10/03/05	8.97	1079.65				
							01/05/06	9.38	1079.24				
							04/11/06	9.36	1079.26				

Table 2. Vertical Gradients

Wisconsin Public Service - Former Stevens Point Manufactured Gas Plant Site

1111 Crosby Avenue, Stevens Point, Wisconsin

USEPA WIN000509983 / BRRTS # 02-50-000079 / FID # 750081200

Monitoring Location	TOC^A Elevation (feet)^B	Well Depth from TOC (feet)	Base of Well Elevation^B	Screen Length (feet)	Top of Screen Elevation (feet)^B	Middle of Screen Elevation^B	Monitoring Date	Depth to Water from TOC (feet)	Groundwater Elevation^B	Change in Head (dH)	Change in Distance (dL)	Vertical Hydraulic Gradient (dH/dL)	
Well Nest OW-7A & PZ-7B													
OW-7A	1088.76	18.2	1070.6	10.0	1080.6	na	08/15/96	8.73	1080.03	1.55	34.10	4.5E-02	down
							08/16/97	8.80	1079.96	1.71	34.03	5.0E-02	strongly down
							09/03 & 04/97	8.90	1079.86	1.73	33.93	5.1E-02	strongly down
							02/26/98	8.75	1080.01	2.12	34.08	6.2E-02	strongly down
							06/22/99	8.25	1080.51	0.79	34.58	2.3E-02	down
							01/31/00	8.63	1080.13	1.09	34.20	3.2E-02	down
							05/31/00	8.35	1080.41	1.03	34.48	3.0E-02	down
							08/31/00	8.35	1080.41	0.70	34.48	2.0E-02	down
							11/21/00	8.50	1080.26	0.88	34.33	2.6E-02	down
							04/01/02	8.35	1080.41	1.10	34.48	3.2E-02	down
							07/22/02	8.33	1080.43	0.71	34.50	2.1E-02	down
							10/28/02	8.30	1080.46	0.66	34.53	1.9E-02	down
							06/16/03	8.31	1080.45	0.64	34.52	1.9E-02	down
							11/20/03	8.28	1080.48	1.08	34.55	3.1E-02	down
							04/20/04	8.24	1080.52	1.07	34.59	3.1E-02	down
							07/20/04	8.21	1080.55	0.45	34.62	1.3E-02	down
							10/12/04	8.30	1080.46	0.88	34.53	2.5E-02	down
							01/25/05	8.40	1080.36	1.04	34.43	3.0E-02	down
							04/11/05	8.24	1080.52	1.12	34.59	3.2E-02	down
							07/11/05	8.29	1080.47	0.97	34.54	2.8E-02	down
							10/03/05	8.23	1080.53	0.85	34.60	2.5E-02	down
							01/05/06	8.41	1080.35	1.06	34.42	3.1E-02	down
							04/11/06	8.31	1080.45	1.15	34.52	3.3E-02	down
PZ-7B	1086.60	43.2	1043.4	5.0	1048.4	1045.9	08/15/96	8.12	1078.48				
							08/16/97	8.35	1078.25				
							09/03 & 04/97	8.47	1078.13				
							02/26/98	8.71	1077.89				
							06/22/99	6.88	1079.72				
							01/31/00	7.56	1079.04				
							05/31/00	7.22	1079.38				
							08/31/00	6.89	1079.71				
							11/21/00	7.22	1079.38				
							04/01/02	7.29	1079.31				
							07/22/02	6.88	1079.72				
							10/28/02	6.80	1079.80				
							06/16/03	6.79	1079.81				
							11/20/03	7.20	1079.40				
							04/20/04	7.15	1079.45				
							07/20/04	6.50	1080.10				
							10/12/04	7.02	1079.58				
							01/25/05	7.28	1079.32				
							04/11/05	7.20	1079.40				
							07/11/05	7.10	1079.50				
							10/03/05	6.92	1079.68				
							01/05/06	7.31	1079.29				
							04/11/06	7.30	1079.30				
Well Nest OW-9 & PZ-9B													
OW-9	1090.92	21.2	1069.7	10.0	1079.7	na	09/03 & 04/97	12.25	1078.67	-0.07	38.91	-1.8E-03	flat
							02/26/98	12.37	1078.55	0.01	38.79	2.6E-04	flat
							06/22/99	12.24	1078.68	0.02	38.92	5.1E-04	flat
							01/31/00	12.85	1078.07	0.01	38.31	2.6E-04	flat
							05/31/00	12.55	1078.37	-0.07	38.61	-1.8E-03	flat
							08/31/00	12.98	1077.94	-0.89	38.18	-2.3E-02	up
							11/21/00	12.51	1078.41	-0.07	38.65	-1.8E-03	flat
							04/01/02	12.42	1078.50	-0.05	38.74	-1.3E-03	flat
							07/22/02	12.20	1078.72	-0.09	38.96	-2.3E-03	flat
							10/28/02	12.00	1078.92	-0.09	39.16	-2.3E-03	flat
							06/16/03	11.92	1079.00	-0.04	39.24	-1.0E-03	flat
							11/20/03	12.28	1078.64	0.03	38.88	7.7E-04	flat
							04/20/04	12.17	1078.75	-0.01	38.99	-2.6E-04	flat
							07/20/04	12.79	1078.13	-1.08	38.37	-2.8E-02	up
							10/12/04	12.28	1078.64	-0.04	38.88	-1.0E-03	flat
							01/25/05	12.44	1078.48	-0.02	38.72	-5.2E-04	flat
							04/12/05	12.33	1078.59	0.00	38.83	0.0E+00	flat
							07/11/05	12.32	1078.60	-0.04	38.84	-1.0E-03	flat
							10/03/05	12.16	1078.76	-0.10	39.00	-2.6E-03	flat
							01/05/06	12.49	1078.43	-0.10	38.67	-2.6E-03	flat
							04/11/06	12.41	1078.51	-0.01	38.75	-2.6E-04	flat
PZ-9B	1090.91	53.7	1037.3	5.0	1042.3	1039.8	09/03 & 04/97	12.17	1078.74				
							02/26/98	12.37	1078.54				
							06/22/99	12.25	1078.66				
							01/31/00	12.85	1078.06				
							05/31/00	12.47	1078.44				
							08/31/00	12.08	1078.83				
							11/21/00	12.43	1078.48				
							04/01/02	12.36	1078.55				
							07/22/02	12.10	1078.81				
							10/28/02	11.90	1079.01				
							06/16/03	11.87	1079.04				
							11/20/03	12.30	1078.61				
							04/20/04	12.15	1078.76				
							07/20/04	11.70	1079.21				
							10/12/04	12.23	1078.68				
							01/25/05	12.41	1078.50				
							04/12/05	12.32	1078.59				
							07/11/05	12.27	1078.64				
							10/03/05	12.05	1078.86				
							01/05/06	12.38	1078.53				
							04/11/06	12.39	1078.52				

Table 2. Vertical Gradients

Wisconsin Public Service - Former Stevens Point Manufactured Gas Plant Site
1111 Crosby Avenue, Stevens Point, Wisconsin
USEPA WIN000509983 / BRRTS # 02-50-000079 / FID # 750081200

Monitoring Location	TOC[A] Elevation (feet)[B]	Well Depth from TOC (feet)	Base of Well Elevation[B]	Screen Length (feet)	Top of Screen Elevation (feet)[B]	Middle of Screen Elevation[B]	Monitoring Date	Depth to Water from TOC (feet)	Groundwater Elevation[B]	Change in Head (dH)	Change in Distance (dL)	Vertical Hydraulic Gradient (dH/dL)	
Well Nest OW-10 & PZ-10B													
OW-10	1091.04	12.3	1078.7	10.0	1088.7	na	09/03 & 04/97	12.30	1078.74	0.09	38.45	2.3E-03	flat
							02/26/98	12.55	1078.49	-0.09	38.20	-2.4E-03	flat
							06/22/99	12.38	1078.66	0.71	38.37	1.9E-02	down
							01/31/00	13.05	1077.99	-0.15	37.70	-4.0E-03	flat
							05/31/00	12.63	1078.41	0.02	38.12	5.2E-04	flat
							08/31/00	11.26	1079.78	-0.02	39.49	-5.1E-04	flat
							11/21/00	12.60	1078.44	-0.01	38.15	-2.6E-04	flat
							04/01/02	12.44	1078.60	0.05	38.31	1.3E-03	flat
							07/22/02	12.28	1078.76	-0.17	38.47	-4.4E-03	flat
							10/28/02	12.10	1078.94	-0.03	38.65	-7.8E-04	flat
							06/16/03	11.97	1079.07	0.18	38.78	4.6E-03	flat
							11/20/03	12.40	1078.64	0.03	38.35	7.8E-04	flat
							04/20/04	12.21	1078.83	0.10	38.54	2.6E-03	flat
							07/20/04	11.94	1079.10	-0.22	38.81	-5.7E-03	weakly up
							10/12/04	12.43	1078.61	-0.25	38.32	-6.5E-03	weakly up
							01/25/05	12.72	1078.32	-0.34	38.03	-8.9E-03	weakly up
							04/12/05	12.34	1078.70	0.16	38.41	4.2E-03	flat
							07/11/05	12.38	1078.66	0.21	38.37	5.5E-03	weakly down
							10/03/05	12.30	1078.74	0.04	38.45	1.0E-03	flat
							01/05/06	12.49	1078.55	0.26	38.26	6.8E-03	weakly down
							04/11/06	12.55	1078.49	-0.01	38.20	-2.6E-04	flat
PZ-10B	1091.09	53.3	1037.8	5.0	1042.8	1040.3	09/03 & 04/97	12.44	1078.65				
							02/26/98	12.51	1078.58				
							06/22/99	13.14	1077.95				
							01/31/00	12.95	1078.14				
							05/31/00	12.70	1078.39				
							08/31/00	11.29	1079.80				
							11/21/00	12.64	1078.45				
							04/01/02	12.54	1078.55				
							07/22/02	12.16	1078.93				
							10/28/02	12.12	1078.97				
							06/16/03	12.20	1078.89				
							11/20/03	12.48	1078.61				
							04/20/04	12.36	1078.73				
							07/20/04	11.77	1079.32				
							10/12/04	12.23	1078.86				
							01/25/05	12.43	1078.66				
							04/12/05	12.55	1078.54				
							07/11/05	12.64	1078.45				
							10/03/05	12.39	1078.70				
							01/05/06	12.80	1078.29				
							04/11/06	12.59	1078.50				
Well Nest OW-11 & PZ-11B													
OW-11	1094.14	16.1	1078.1	10.0	1088.1	na	01/31/00	16.07	1078.07	-0.28	33.21	-8.4E-03	weakly up
							05/31/00	15.76	1078.38	-0.45	33.52	-1.3E-02	up
							08/31/00	14.25	1079.89	0.71	35.03	2.0E-02	down
							11/21/00	15.71	1078.43	-0.44	33.57	-1.3E-02	up
							04/01/02	15.82	1078.32	-0.52	33.46	-1.6E-02	up
							07/22/02	15.23	1078.91	-0.34	34.05	-1.0E-02	weakly up
							10/28/02	15.05	1079.09	-0.29	34.23	-8.5E-03	weakly up
							06/16/03	15.20	1078.94	-0.45	34.08	-1.3E-02	up
							11/20/03	15.70	1078.44	-0.46	33.58	-1.4E-02	up
							04/20/04	15.54	1078.60	-0.43	33.74	-1.3E-02	up
							07/20/04	14.65	1079.49	-0.16	34.63	-4.6E-03	flat
							10/12/04	15.30	1078.84	-0.23	33.98	-6.8E-03	weakly up
							01/25/05	15.70	1078.44	-0.39	33.58	-1.2E-02	up
							04/11/05	15.61	1078.53	-0.37	33.67	-1.1E-02	up
							07/11/05	15.41	1078.73	-0.28	33.87	-8.3E-03	weakly up
							10/03/05	15.26	1078.88	-0.31	34.02	-9.1E-03	weakly up
							01/05/06	15.56	1078.58	-0.30	33.72	-8.9E-03	weakly up
							04/11/06	16.73	1077.41	-1.39	32.55	-4.3E-02	up
PZ-11B	1093.78	51.4	1042.4	5.0	1047.4	1044.86	01/31/00	15.43	1078.35				
							05/31/00	14.95	1078.83				
							08/31/00	14.60	1079.18				
							11/21/00	14.91	1078.87				
							04/01/02	14.94	1078.84				
							07/22/02	14.53	1079.25				
							10/28/02	14.40	1079.38				
							06/16/03	14.39	1079.39				
							11/20/03	14.88	1078.90				
							04/20/04	14.75	1079.03				
							07/20/04	14.13	1079.65				
							10/12/04	14.71	1079.07				
							01/25/05	14.95	1078.83				
							04/11/05	14.88	1078.90				
							07/11/05	14.77	1079.01				
							10/03/05	14.59	1079.19				
							01/05/06	14.90	1078.88				
							04/11/06	14.98	1078.80				
Well Nest OW-12 & PZ-12B													
OW-12	1089.92	18.35	1071.6	10.0	1081.6	na	10/12/04	11.42	1078.50	-0.11	29.83	-3.7E-03	flat
							01/25/05	11.56	1078.36	0.08	29.69	2.7E-03	flat
							4/11 & 12/05	11.87	1078.05	-0.13	29.38	-4.4E-03	flat
							07/11/05	11.60	1078.32	-0.14	29.65	-4.7E-03	flat
							10/03/05	11.43	1078.49	-0.08	29.82	-2.7E-03	flat
							01/05/06	11.68	1078.24	-0.14	29.57	-4.7E-03	flat
							04/11/06	11.88	1078.04	0.03	29.37	1.0E-03	flat
PZ-12B	1089.97	43.80	1046.2	5.0	1051.2	1048.67	10/12/04	11.36	1078.61				
							01/25/05	11.69	1078.28				
							4/11 & 12/05	11.79	1078.18				
							07/11/05	11.51	1078.46				
							10/03/05	11.40	1078.57				
							01/05/06	11.59	1078.38				
							04/11/06	11.96	1078.01				

Notes:
A) TOC is the top of the well casing.
B) These elevations are feet above mean sea level (msl)
--: Not measured
Water level stopped functioning during field activities on 04/20/04.

(O-EPK/JAZ)(U-PAR/JTB 05/04)(U-PAR/EPK 11/04)(U-EPK/PAR 6/06)

Vertical Gradient Descriptors:

Strongly down:	> 0.05	Strongly up:	> -0.05
down:	0.05 to 0.01	up:	-0.05 to -0.01
weakly down:	0.01 to 0.005	weakly up:	-0.01 to -0.005
flat:	0.005 to -0.005	flat:	-0.005 to 0.005

Table 3. Groundwater Analytical Results - BTEX, Cyanide, and Lead

Wisconsin Public Service - Former Stevens Point Manufactured Gas Plant Site

1111 Crosby Avenue, Stevens Point, Wisconsin

USEPA WIN000509983 / BRRTS # 02-50-000079 / FID # 750081200

		BTEX Parameters (µg/L)					Cyanide (mg/L)			
Well	**Date**	**Benzene**	**Ethylbenzene**	**Toluene**	**Xylenes (total)**	**Total BTEX**	**Cyanide (Total Dissolved) ^{A}**	**Cyanide (Amenable) ^{A}**	**Cyanide (Weak Acid Dissociable) ^{A}**	**Lead, dissolved (mg/L) ^{A}**
		NR 140 Wisconsin Groundwater Quality Standards (2004)								
NR 140 PAL		*0.5*	*140*	*200*	*1,000*	ns	ns	ns	*0.04*	*0.0015*
NR 140 ES		**5**	**700**	**1,000**	**10,000**	ns	ns	ns	**0.2**	**0.015**
OW-1	06/02/93	nd	nd	nd	nd	nd	0.011	0.011	nd	nd
	08/16/96	nd	nd	nd	nd	nd	--	--	--	--
	09/03/97	0.4	nd	1.3	2.1	3.8	<0.054	--	--	--
	06/23/99	**15**	<0.22	0.28	1.2	16	0.042	<0.0077	0.01	*0.002*
	02/01/00	**56**	<0.6	<0.6	<1.7	56	0.043	0.043	0.017	--
	04/02/02	*1.4*	<0.82	<0.68	<1.7	1.4	0.050	0.050	0.0040 Q	0.0012
	10/28/02	*0.71 Q*	<0.82	<0.68	3.3	4.0	--	--	--	--
	06/16/03	*2.4*	0.91 Q	<0.58	1.1	4.4	0.037	0.037	0.0054 Q	**0.0350**
	11/20/03	0.36 Q	<0.60	<0.58	<1.2	0.4	--	--	--	--
	04/11/05	0.26Q	--	--	--	--	--	--	--	<0.0015
Dup (QC-2)	04/11/05	0.32Q	--	--	--	--	--	--	--	--
	04/11/06	*1.1*	--	--	--	--	--	--	--	--
OW-2	06/03/93	*2.4*	nd	nd	nd	2.4	0.093	0.093	nd	nd
	08/16/96	nd	nd	nd	nd	nd	--	--	--	--
	09/03/97	nd	nd	nd	nd	nd	<0.054	--	--	--
	06/23/99	0.19	<0.22	<0.2	0.59	0.8	<0.0077	<0.0077	<0.0077	<0.0012
	02/01/00	<0.5	<0.6	<0.6	<1.7	nd	0.006	0.006	0.005	
	04/02/02	<0.45	<0.82	<0.68	<1.7	nd	0.018	0.017	<0.0021	--
	06/16/03	<0.30	<0.60	<0.58	<1.2	nd	0.024	0.024	0.0021 Q	--
	04/11/05	<0.14	--	--	--	--	--	--	--	--
	04/11/06	<0.14	--	--	--	--	--	--	--	--
OW-3	06/04/93	**220**	*200*	90	400	910	1.1	1.1	*0.083*	nd
	08/16/96	**700**	*220*	170	540	1,630	0.95	0.20	*0.048*	--
	09/03/97	**1,300**	*650*	*520*	*1,500*	3,970	0.081	nd	*0.062*	--
		Abandoned April 1998. Well replaced with OW-3R.								
OW-3R	02/01/00	<0.5	2.0	<0.6	12	14	1.3	1.3	*0.093*	<0.00073
	05/31/00	*1.1*	1.1	<0.6	3.7	5.9	--	--	**--**	--
	08/31/00	*1.8*	5.7	24	51	83	--	--	--	--
	11/21/00	<5.0	<6.0	<6.0	<17	nd	--	--	--	--
	04/02/02	0.46 Q	<0.82	<0.68	<1.7	0.5	<0.0021 N,J	<0.0021	<0.0021	<0.00039
	10/28/02	*0.73 Q*	11	23	61	85	--	--	--	--
	06/16/03	0.32 Q	0.65 Q	<0.58	<1.2	1.0	0.18	0.18	0.023	<0.0012
dup (QC-001)	06/16/03	0.37 Q	0.68 Q	<0.58	<1.2	1.1	0.073	0.073	0.010	<0.0012
	11/20/03	<0.30	3.8	2.2	10.5	17	--	--	--	--
	04/11/05	0.38Q	--	--	--	--	--	--	--	--
	04/11/06	0.34 Q	--	--	--	--	--	--	--	--

Table 3. Groundwater Analytical Results - BTEX, Cyanide, and Lead

Wisconsin Public Service - Former Stevens Point Manufactured Gas Plant Site

1111 Crosby Avenue, Stevens Point, Wisconsin

USEPA WIN000509983 / BRRTS # 02-50-000079 / FID # 750081200

		BTEX Parameters (µg/L)					**Cyanide (mg/L)**			
Well	**Date**	**Benzene**	**Ethylbenzene**	**Toluene**	**Xylenes (total)**	**Total BTEX**	**Cyanide (Total Dissolved) ^{A}**	**Cyanide (Amenable) ^{A}**	**Cyanide (Weak Acid Dissociable) ^{A}**	**Lead, dissolved (mg/L) ^{A}**
NR 140 Wisconsin Groundwater Quality Standards (2004)										
NR 140 PAL		*0.5*	*140*	*200*	*1,000*	ns	ns	ns	*0.04*	*0.0015*
NR 140 ES		**5**	**700**	**1,000**	**10,000**	ns	ns	ns	**0.2**	**0.015**
PZ-3B	07/09/96	nd	nd	nd	nd	nd	nd	nd	nd	--
	08/16/96	nd	nd	nd	nd	nd	0.0074	nd	nd	--
	09/03/97	nd	nd	nd	nd	nd	<0.054	--	--	--
	06/23/99	<0.13	<0.22	<0.2	<0.23	nd	<0.0077	<0.0077	<0.0077	<0.0012
	02/01/00	<0.5	<0.6	<0.6	<1.7	nd	0.001	0.001	<0.001	--
	04/02/02	<0.45	<0.82	<0.68	<1.7	nd	0.0050 Q	0.0047 Q	<0.0021	--
	06/16/03	<0.30	<0.60	<0.58	<1.2	nd	<0.0015	<0.0015	<0.0019	--
	04/11/05	<0.14	--	--	--	--	--	--	--	--
	04/11/06	<0.14	--	--	--	--	--	--	--	--
Dup (QC01)	04/11/06	<0.14	--	--	--	--	--	--	--	--
OW-4	06/10/93	nd	nd	nd	nd	nd	0.122	nd	**0.51**	--
	08/16/96	nd	nd	nd	nd	nd	--	--	--	--
	09/03/97	nd	nd	nd	nd	nd	<0.054	--	--	--
	06/23/99	<0.13	<0.22	<0.2	<0.23	nd	0.029	<0.0077	<0.0077	<0.0012
	02/01/00	<0.5	<0.6	<0.6	<1.7	nd	0.014	0.014	0.007	--
	04/02/02	<0.45	<0.82	<0.68	<1.7	nd	0.022	0.022	0.0027 Q	--
	06/16/03	<0.30	<0.60	<0.58	<1.2	nd	0.031	0.031	0.0019 Q	--
	04/11/05	0.23Q	--	--	--	--	--	--	--	--
Dup (QC-1)	04/11/05	0.22Q	--	--	--	--	--	--	--	--
	04/11/06	<0.14	--	--	--	--	--	--	--	--
OW-5	06/03/93	**1,300**	*690*	*390*	*1,200*	3,580	0.016	0.016	nd	nd
	08/16/96	**750**	*300*	*230*	700	1,980	--	--	--	--
	09/04/97	**50**	2.4	1.5	13	67	<0.054	--	--	--
		Abandoned April 1998. Well was not replaced.								
OW-5A	06/03/93	**820**	*260*	90	470	1,640	0.065	0.065	nd	nd
	08/16/96	**140**	20	3.3	51	214	--	--	--	--
	09/04/97	**650**	*230*	*210*	490	1,580	<0.054	--	--	--
		Abandoned April 1998. Well replaced with OW-5R.								
OW-5R	02/01/00	**529**	*490*	*542*	*1,060*	2,621	0.2	0.2	0.039	<0.00073
Dup (OW-99)	02/01/00	**633**	*521*	*631*	*1,120*	2,905	0.23	0.23	0.036	--
	05/31/00	**66**	13	111	458	648	--	--	--	--
	08/31/00	**45**	90	33	204	372	--	--	--	--
	11/21/00	**52**	*160*	28	435	675	--	--	--	--
	04/02/02	**36**	24 Q	<6.8	37	97	0.11	<0.0021	0.0046 Q	<0.00039
	10/28/02	**5.5**	6.1	<0.68	8.5 Q	14	--	--	--	--
	06/16/03	*2.1*	1.5 Q	<0.58	0.83 Q	4.4	0.033	0.033	0.0046 Q	<0.0012
	11/20/03	**34**	17	1.4 Q	13.3	66	--	--	--	--
	04/20/04	*1.5*	5.0	0.65 Q	7.0	14	--	--	--	--

Table 3. Groundwater Analytical Results - BTEX, Cyanide, and Lead

Wisconsin Public Service - Former Stevens Point Manufactured Gas Plant Site

1111 Crosby Avenue, Stevens Point, Wisconsin

USEPA WIN000509983 / BRRTS # 02-50-000079 / FID # 750081200

		BTEX Parameters (µg/L)					Cyanide (mg/L)			
Well	**Date**	**Benzene**	**Ethylbenzene**	**Toluene**	**Xylenes (total)**	**Total BTEX**	**Cyanide (Total Dissolved) ^{A}**	**Cyanide (Amenable) ^{A}**	**Cyanide (Weak Acid Dissociable) ^{A}**	**Lead, dissolved (mg/L) ^{A}**
		NR 140 Wisconsin Groundwater Quality Standards (2004)								
NR 140 PAL		*0.5*	*140*	*200*	*1,000*	ns	ns	ns	*0.04*	*0.0015*
NR 140 ES		**5**	**700**	**1,000**	**10,000**	ns	ns	ns	**0.2**	**0.015**
OW-5R cont.	07/20/04	*4.1*	4.7	0.48Q	5.5Q	15	--	--	--	--
	10/12/04	**64**	28	4.3	40	136	--	--	--	--
Dup (QC-1)	10/12/04	**65**	28	4.4	39	136	--	--	--	--
	01/25/05	**77**	54	3.8	46	181	--	--	--	--
Dup (QC-1)	01/25/05	**75**	50	3.6	41	170	--	--	--	--
	04/11/05	*1.8*	--	--	--	--	--	--	--	--
	07/11/05	**10**	--	--	--	--	--	--	--	--
	10/03/05	*1.7*	--	--	--	--	--	--	--	--
	01/05/06	*1.4*	--	--	--	--	--	--	--	--
	04/11/06	**15**	--	--	--	--	--	--	--	--
P-5B	09/17/93	nd	50	10	96	156	nd	nd	nd	--
	08/16/96	nd	80	8.7	170	259	--	--	--	--
	09/04/97	*2.0*	63	8.9	140	214	<0.054	--	--	--
	06/23/99	<0.13	66	21	130	217	<0.0077	<0.0077	<0.0077	<0.0012
Dup (OW-99)	06/23/99	*1.9*	18	4.1	32	56	<0.0077	<0.0077	<0.0077	<0.0012
	02/01/00	**6.4**	58	9.2	105	179	0.017	0.017	0.002	--
	05/31/00	*4*	19	10	53	86	--	--	--	--
Dup(MW-98)	05/31/00	*4.3*	18	9.8	49	81	--	--	--	--
	08/31/00	**11**	86	<12	163	260	--	--	--	--
	11/21/00	**12**	76	<12	152	240	--	--	--	--
	04/02/02	**11**	75	<14	139	225	0.018	<0.0021	0.0026 Q	--
	10/28/02	**12**	68	6.2	136	222	--	--	--	--
	06/16/03	<12 K	69 Q,K	<23 K	141 Q,K	210	0.018	0.018	0.0031 Q	--
	11/20/03	**13 Q,K**	77 K	<14 K	156 K	246	--	--	--	--
	04/20/04	**13**	68	15	107	203	--	--	--	--
Dup (QC-1)	04/20/04	**11**	57	13	93	174	--	--	--	--
	07/20/04	**9.6**	42	10 Q	73 Q	135	--	--	--	--
	10/12/04	**14**	61	11 Q	110	196	--	--	--	--
	01/25/05	**13 K**	57K	<8.9K	120K	190	--	--	--	--
	04/11/05	**6.7**	--	--	--	--	--	--	--	--
	07/11/05	**9.5**	--	--	--	--	--	--	--	--
	10/03/05	**8.4Q**	--	--	--	--	--	--	--	--
Dup (QC02)	10/03/05	**7.8Q**	--	--	--	--	--	--	--	--
	01/05/06	*2.8 QK*	--	--	--	--	--	--	--	--
	04/11/06	*3.5*	--	--	--	--	--	--	--	--
OW-6	06/03/93	**5.2**	6.0	5.0	18	34	0.042	0.042	nd	nd
	08/16/96	nd*	2.3	nd*	nd*	2.3	--	--	--	--
	09/03/97	*2.3*	3.0	nd	4.7	10	<0.054	--	--	--
	06/23/99	**19**	<0.22	21	37	77	0.10	<0.0077	0.028	<0.0012

Table 3. Groundwater Analytical Results - BTEX, Cyanide, and Lead

Wisconsin Public Service - Former Stevens Point Manufactured Gas Plant Site

1111 Crosby Avenue, Stevens Point, Wisconsin

USEPA WIN000509983 / BRRTS # 02-50-000079 / FID # 750081200

		BTEX Parameters (µg/L)					Cyanide (mg/L)			
Well	**Date**	**Benzene**	**Ethylbenzene**	**Toluene**	**Xylenes (total)**	**Total BTEX**	**Cyanide (Total Dissolved) ^{A}**	**Cyanide (Amenable) ^{A}**	**Cyanide (Weak Acid Dissociable) ^{A}**	**Lead, dissolved (mg/L) ^{A}**
		NR 140 Wisconsin Groundwater Quality Standards (2004)								
NR 140 PAL		*0.5*	*140*	*200*	*1,000*	ns	ns	ns	*0.04*	*0.0015*
NR 140 ES		**5**	**700**	**1,000**	**10,000**	ns	ns	ns	**0.2**	**0.015**
OW-6 cont.	02/01/00	**10**	23	1.9	30	65	0.04	0.04	0.01	--
	05/31/00	**6.8**	17	2.6	27	53	--	--	--	--
	08/31/00	**9.7**	12	13	47	82	--	--	--	--
	11/21/00	<10	16	<12	<34	16	--	--	--	--
	04/02/02	**7.3**	17	2.4	26	53	0.054	<0.0021	0.0034 Q	--
	10/28/02	*4.2*	12	5.3	32	54	--	--	--	--
	06/16/03	**6.1**	14	2	17.3	39	0.096	0.096	0.0061	--
	11/20/03	**5.4 K**	10 K	<2.9 K	18.2 Q,K	34	--	--	--	--
	07/20/04	*0.77 Q,K*	2.9 Q,K	<1.8 K	3.0 Q,K	6.7	--	--	--	--
	04/11/05	**5.7**	--	--	--	--	--	--	--	--
	10/03/05	<6.9 K	--	--	--	--	--	--	--	--
	04/11/06	**5.0**	--	--	--	--	--	--	--	--
OW-7	06/04/93	**21**	61	35	130	247	nd	--	--	nd
	08/16/96	nd	3.7	1.2	5.0	9.9	--	--	--	--
	09/03/97	0.23	2.3	0.93	2.8	6.3	<0.054	--	--	--
		Abandoned April 1998. Well was not replaced.								
OW-7A	06/02/93	**6.0**	28	nd	14	48	0.020	0.020	nd	nd
	08/16/96	**7.0**	28	nd	11.0	46	--	--	--	--
	09/03/97	*2.1*	8.7	0.27	3.6	15	<0.054	--	--	--
	06/23/99	**14**	52	3.1	48	117	0.067	<0.0077	<0.0077	<0.0012
	02/01/00	**23**	55	2.9	78	159	0.025	0.025	0.007	<0.73
	05/31/00	**9.3**	<0.6	1.6	52	63	--	--	--	--
	08/31/00	**14**	56	2	62	134	--	--	--	--
	11/21/00	**27**	77	2.7	112	219	--	--	--	--
	04/02/02	**12**	33	2.5	47	95	0.028	<0.0021	0.0028 Q	0.0012
	10/28/02	**15**	50	1.7 Q	74	139	--	--	--	--
	06/16/03	**11**	40	3.6	42	97	0.078	0.078	0.0061 N	<0.0012
	11/20/03	**14 K**	33 K	<2.9 K	46 K	93	--	--	--	--
	04/20/04	**8.3**	27	2.8	32	70	--	--	--	--
	07/20/04	**13 K**	47K	<1.8K	39K	99	--	--	--	--
	10/12/04	**18**	71	1.5	88	179	--	--	--	--
	01/25/05	**16 K**	51K	<1.8K	56K	123	--	--	--	--
	04/11/05	**8.1**	--	--	--	--	--	--	--	--
	07/11/05	**15**	--	--	--	--	--	--	--	--
	10/03/05	**14**	--	--	--	--	--	--	--	--
Dup (QC01)	10/03/05	**14**	--	--	--	--	--	--	--	--
	01/05/06	**13 K**	--	--	--	--	--	--	--	--
	04/11/06	**7.8**	--	--	--	--	--	--	--	--

Table 3. Groundwater Analytical Results - BTEX, Cyanide, and Lead

Wisconsin Public Service - Former Stevens Point Manufactured Gas Plant Site

1111 Crosby Avenue, Stevens Point, Wisconsin

USEPA WIN000509983 / BRRTS # 02-50-000079 / FID # 750081200

		BTEX Parameters (µg/L)					Cyanide (mg/L)			
Well	**Date**	**Benzene**	**Ethylbenzene**	**Toluene**	**Xylenes (total)**	**Total BTEX**	**Cyanide (Total Dissolved) ^{A}**	**Cyanide (Amenable) ^{A}**	**Cyanide (Weak Acid Dissociable) ^{A}**	**Lead, dissolved (mg/L) ^{A}**
NR 140 Wisconsin Groundwater Quality Standards (2004)										
NR 140 PAL		*0.5*	*140*	*200*	*1,000*	ns	ns	ns	*0.04*	*0.0015*
NR 140 ES		**5**	**700**	**1,000**	**10,000**	ns	ns	ns	**0.2**	**0.015**
PZ-7B	07/09/96	*3.7*	54	4.9	150	213	nd	nd	nd	--
	08/16/96	*2.9*	36	nd	66	105	0.016	0.016	nd	--
	09/03/97	*3.3*	45	4.7	130	183	<0.054	--	--	--
	06/23/99	<13	40	<20	120	160	<0.0077	<0.0077	<0.0077	<0.0012
	02/01/00	*0.75*	71	4.6	150	226	0.008	0.008	<0.001	--
	05/31/00	*0.75*	59	4	128	192	--	--	--	--
	08/31/00	<5.0	54	<6.0	93	147	--	--	--	--
	11/21/00	<10	63	<12	146	209	--	--	--	--
	04/02/02	<9.0	64	<14	179	243	<0.0021	<0.0021	<0.0021	--
	10/28/02	<0.90	55	4.2 Q	146	205	--	--	--	--
	06/16/03	<6.0 K	49 K	<12 K	125 Q,K	174	<0.0015	<0.0015	<0.0019	--
Dup(QC-002)	06/16/03	<6.0 K	49 K	<12 K	128 Q,K	177	<0.0015	<0.0015	<0.0019	--
	11/20/03	<7.5 K	49 Q,K	<14 K	127 Q,K	176	--	--	--	--
	04/20/04	<2.8 K	77 K	<7.1 K	154 K	231	--	--	--	--
	07/20/04	*2.3*	51	3.9	99	156	--	--	--	--
	10/12/04	<2.8 K	64 K	<7.1 K	118 K	182	--	--	--	--
	01/25/05	<2.8K	70K	<7.1K	170K	240	--	--	--	--
	04/11/05	*1.5*	--	--	--	--	--	--	--	--
	07/11/05	*3.1 Q*	--	--	--	--	--	--	--	--
Dup(QC-1)	07/11/05	<2.8 K	--	--	--	--	--	--	--	--
	07/11/05	*3.1 Q*	--	--	--	--	--	--	--	--
	10/03/05	*1.4 Q*	--	--	--	--	--	--	--	--
	01/05/06	<10 K	--	--	--	--	--	--	--	--
Dup(QC01)	01/05/06	<8.2 K	--	--	--	--	--	--	--	--
	04/11/06	<2.8 K	--	--	--	--	--	--	--	--
OW-8	06/02/93	nd	nd	nd	nd	nd	nd	--	--	nd
	06/23/99	0.43	<0.22	<0.2	0.25	0.7	<0.0077	<0.0077	<0.0077	<0.0012
	02/01/00	*3.7*	<0.6	<0.6	<1.7	3.7	0.009	0.009	0.001	<0.00073
	04/02/02	<0.45	<0.82	<0.68	<1.7	nd	0.0036 Q	<0.0021	<0.0021	<0.00039
	06/16/03	<0.30	<0.60	<0.58	<1.2	nd	0.0048	0.0048	<0.0019	<0.0012
	04/11/05	0.44Q	--	--	--	--	--	--	--	--
	04/11/06	<0.14	--	--	--	--	--	--	--	--
OW-9	09/04/97	**240**	72	19	87	418	<0.054	--	--	--
	06/23/99	**330**	120	37	180	667	0.068	<0.0077	0.011	--
Dup (OW-98)	06/23/99	**300**	100	21	150	571	0.062	<0.0077	0.013	<0.0012
	02/01/00	**146**	48	8.1	79	281	0.053	0.053	0.018	<0.00081
	05/31/00	**123**	113	27	152	415	--	--	--	--
	08/31/00	**294**	*179*	<12	129	602	--	--	--	--
Dup (OW-99)	08/31/00	**409**	*228*	9.5	140	787	--	--	--	--

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1111 Crosby Avenue, Stevens Point, Wisconsin

USEPA WIN000509983 / BRRTS # 02-50-000079 / FID # 750081200

		BTEX Parameters (µg/L)					Cyanide (mg/L)			
Well	**Date**	**Benzene**	**Ethylbenzene**	**Toluene**	**Xylenes (total)**	**Total BTEX**	**Cyanide (Total Dissolved) ^{A}**	**Cyanide (Amenable) ^{A}**	**Cyanide (Weak Acid Dissociable) ^{A}**	**Lead, dissolved (mg/L) ^{A}**
NR 140 Wisconsin Groundwater Quality Standards (2004)										
NR 140 PAL		*0.5*	*140*	*200*	*1,000*	ns	ns	ns	*0.04*	*0.0015*
NR 140 ES		**5**	**700**	**1,000**	**10,000**	ns	ns	ns	**0.2**	**0.015**
OW-9 cont.	11/21/00	**259**	*154*	13	106	532	--	--	--	--
Dup (OW-99)	11/21/00	**259**	*154*	13	106	532	--	--	--	--
	04/02/02	**77 K**	56 K	<6.8 K	58 Q,K	191	0.033	<0.0021	0.0041 Q	<0.00039
Dup (OW-98)	04/02/02	**100**	73	3.7	70	247	0.028	0.028	0.0029 Q	--
	10/28/02	**6.1**	8.0	<0.68	2.7	17	--	--	--	--
	06/16/03	**8.9**	1.5 Q	<0.58	2.3	13	0.041	0.041	0.0035 Q	<0.0012
	11/20/03	**100**	32	1.9 Q	20.4	154	--	--	--	--
Dup (QC-1)	11/20/03	**100**	35	1.8 Q	20.1	157	--	--	--	--
	07/20/04	**98**	66	4.2	29	197	--	--	--	--
	04/12/05	**100**	--	--	--	--	--	--	--	--
	10/03/05	**180**	--	--	--	--	--	--	--	--
	04/11/06	**98**	--	--	--	--	--	--	--	--
PZ-9B	09/04/97	**37**	8.1	1.9	9.6	57	<0.054	--	--	--
	06/23/99	*1.7*	0.4	0.46	4	6.6	<0.0077	<0.0077	<0.0077	<0.0012
	02/01/00	*1.5*	<0.6	<0.6	3.2	4.7	<0.001	<0.001	<0.001	--
	05/31/00	*0.6*	<0.6	<0.6	<1.7	0.6	--	--	--	--
	08/31/00	<0.5	<0.6	<0.6	<1.7	nd	--	--	--	--
	11/21/00	*1.7*	<0.6	<0.6	3.6	5.3	--	--	--	--
	04/02/02	<0.45	<0.82	<0.68	<1.7	nd	<0.0021	<0.0021	<0.0021	--
	10/28/02	<0.45	<0.82	<0.68	<1.7	nd	--	--	--	--
	06/16/03	<0.30	<0.60	<0.58	<1.2	nd	<0.0015 Q	<0.0015 Q	<0.0019	--
	11/20/03	*1*	<0.60	<0.58	2.9	3.9	--	--	--	--
	07/20/04	<0.14	<0.40	<0.36	<0.74	nd	--	--	--	--
Dup(QC-1)	07/20/04	<0.14	<0.40	<0.36	<0.74	nd	--	--	--	--
	04/12/05	<0.14	--	--	--	--	--	--	--	--
	10/03/05	<0.14	--	--	--	--	--	--	--	--
	04/11/06	<0.14	--	--	--	--	--	--	--	--
OW-10	09/04/97	nd	nd	nd	nd	nd	<0.054	--	--	--
	06/23/99	*1.9*	5.1	1.1	8.6	17	0.0096	<0.0077	<0.0077	<0.0012
	02/01/00	*3.9*	2.5	<0.6	1.9	8.3	0.037	0.036	0.013	--
	05/31/00	<0.5	<0.6	<0.6	<1.7	nd	--	--	--	--
	08/31/00	*1.4*	1.4	<0.6	2.5	5.3	--	--	--	--
	11/21/00	<0.5	<0.6	<0.6	<1.7	nd	--	--	--	--
Dup (OW-98)	11/21/00^B	<0.5	<0.6	<0.6	<1.7	nd	--	--	--	--
	04/02/02	<0.45	<0.82	<0.68	<1.7	nd	0.011	0.011	0.0049 Q	--
Dup (OW-99)	04/02/02	<0.45	<0.82	<0.68	<1.7	nd	0.0097	0.0097	0.0027 Q	--
	10/28/02	<0.45	<0.82	<0.68	<1.7	nd	--	--	--	--
	06/16/03	<0.30	<0.60	<0.58	<1.2	nd	0.015	0.015	<0.0019	--
	11/20/03	<0.30	<0.60	<0.58	<1.2	nd	--	--	--	--
Dup (QC-2)	11/20/03	<0.30	<0.60	<0.58	<1.2	nd	--	--	--	--

Table 3. Groundwater Analytical Results - BTEX, Cyanide, and Lead

Wisconsin Public Service - Former Stevens Point Manufactured Gas Plant Site

1111 Crosby Avenue, Stevens Point, Wisconsin

USEPA WIN000509983 / BRRTS # 02-50-000079 / FID # 750081200

		BTEX Parameters (µg/L)					Cyanide (mg/L)			
Well	**Date**	**Benzene**	**Ethylbenzene**	**Toluene**	**Xylenes (total)**	**Total BTEX**	**Cyanide (Total Dissolved)** [A]	**Cyanide (Amenable)** [A]	**Cyanide (Weak Acid Dissociable)** [A]	**Lead, dissolved (mg/L)** [A]
		NR 140 Wisconsin Groundwater Quality Standards (2004)								
NR 140 PAL		*0.5*	*140*	*200*	*1,000*	ns	ns	ns	*0.04*	*0.0015*
NR 140 ES		**5**	**700**	**1,000**	**10,000**	ns	ns	ns	**0.2**	**0.015**
OW-10 cont.	04/12/05	**47**	--	--	--	--	--	--	--	--
	04/11/06	*1.8*	--	--	--	--	--	--	--	--
PZ-10B	09/04/97	0.14	nd	nd	nd	0.1	<0.054	--	--	--
	06/23/99	*2.6*	<0.22	0.24	<0.23	2.8	<0.0077	<0.0077	<0.0077	<0.0012
	02/01/00	<0.5	<0.6	<0.6	<1.7	nd	<0.001	<0.001	<0.001	--
	05/31/00	<0.5	<0.6	<0.6	<1.7	nd	--	--	--	--
	08/31/00	<0.5	<0.6	<0.6	<1.7	nd	--	--	--	--
	11/21/00	<0.5	<0.6	<0.6	<1.7	nd	--	--	--	--
	04/02/02	<0.45	<0.82	<0.68	<1.7	nd	<0.0021	<0.0021	<0.0021	--
Dup (OW-97)	04/02/02	<0.45	<0.82	<0.68	<1.7	nd	<0.0021	<0.0021	<0.0021	--
	10/28/02	<0.45	<0.82	<0.68	<1.7	nd	--	--	--	--
	06/16/03	<0.30	<0.60	<0.58	<1.2	nd	<0.0015	<0.0015	<0.0019	--
	11/20/03	<0.30	<0.60	<0.58	<1.2	nd	--	--	--	--
	04/12/05	<0.14	--	--	--	--	--	--	--	--
	04/11/06	<0.14	--	--	--	--	--	--	--	--
OW-11	02/01/00	*3.9*	2.5	<0.6	1.9	8.3	0.007	0.007	0.002	--
	05/31/00	*3.1*	<0.6	<0.6	<1.7	3.1	--	--	--	--
	08/31/00	*0.61*	<0.6	<0.6	<1.7	0.6	--	--	--	--
Dup (OW-98)	08/31/00	*1.3*	<0.6	<0.6	<1.7	1.3	--	--	--	--
	11/21/00[B]	<0.5	<0.6	<0.6	<1.7	nd	--	--	--	--
Dup (OW-98)	11/21/00[B]	<0.5	<0.6	<0.6	<1.7	nd	--	--	--	--
	04/02/02	<0.45	<0.82	<0.68	<1.7	nd	0.018	0.018	<0.0021	--
	10/28/02	<0.45	<0.82	<0.68	<1.7	nd	--	--	--	--
	06/16/03	<0.30	<0.60	<0.58	<1.2	nd	0.0092	0.0092	<0.0019	--
	11/20/03	<0.30	<0.60	<0.58	<1.2	nd	--	--	--	--
	07/20/04	0.30Q	<0.40	<0.36	<0.74	0.3	--	--	--	--
	04/11/05	<0.14	--	--	--	--	--	--	--	--
	04/11/06	0.26 Q	--	--	--	--	--	--	--	--
PZ-11B	02/01/00	**10**	7.7	2.2	38	58	0.003	0.003	<0.001	--
	05/31/00	**27**	43	4.3	78	152	--	--	--	--
	08/31/00	**53**	113	8.6	156	331	--	--	--	--
	11/21/2000[B]	**20**	38	3.9	63	125	--	--	--	--
	04/02/02	**24**	52	5.0	74	155	<0.0021	<0.0021	<0.0021	--
	10/28/02	**19**	40	2.3	54	115	--	--	--	--
	06/16/03	**18**	16	1.3 Q	27.5	63	<0.0015	<0.0015	<0.0019	--
	11/20/03	**14**	19	1.4 Q	27	61	--	--	--	--
	07/20/04	*0.75*	<0.40	<0.36	<0.74	0.75	--	--	--	--
	04/11/05	<0.14	--	--	--	--	--	--	--	--
	10/03/05	<0.14	--	--	--	--	--	--	--	--
	04/11/06	<0.14	--	--	--	--	--	--	--	--

Table 3. Groundwater Analytical Results - BTEX, Cyanide, and Lead

Wisconsin Public Service - Former Stevens Point Manufactured Gas Plant Site

1111 Crosby Avenue, Stevens Point, Wisconsin

USEPA WIN000509983 / BRRTS # 02-50-000079 / FID # 750081200

		BTEX Parameters (µg/L)					Cyanide (mg/L)			
Well	**Date**	**Benzene**	**Ethylbenzene**	**Toluene**	**Xylenes (total)**	**Total BTEX**	**Cyanide (Total Dissolved) ^{A}**	**Cyanide (Amenable) ^{A}**	**Cyanide (Weak Acid Dissociable) ^{A}**	**Lead, dissolved (mg/L) ^{A}**
				NR 140 Wisconsin Groundwater Quality Standards (2004)						
NR 140 PAL		*0.5*	*140*	*200*	*1,000*	ns	ns	ns	*0.04*	*0.0015*
NR 140 ES		**5**	**700**	**1,000**	**10,000**	ns	ns	ns	**0.2**	**0.015**
OW-12	10/12/04	*2.2*	<0.40	<0.36	0.51 Q	2.7	--	--	--	--
	01/25/05	**9.1**	0.88Q	<0.36	4.2Q	14.2	--	--	--	--
	04/12/05	*3.6*	--	--	--	--	--	--	--	--
	07/11/05	**8.8**	--	--	--	--	--	--	--	--
	10/03/05	**9.4**	--	--	--	--	--	--	--	--
	01/05/06	**6.9**	--	--	--	--	--	--	--	--
	04/11/06	<0.14	--	--	--	--	--	--	--	--
Dup (QC02)	04/11/06	<0.14	--	--	--	--	--	--	--	--
PZ-12B	10/12/04	**25**	56	2.9 Q	44	128	--	--	--	--
	01/25/05	**52**	*190*	7.7Q	114	364	--	--	--	--
	04/12/05	**16**	--	--	--	--	--	--	--	--
	07/11/05	**33**	--	--	--	--	--	--	--	--
	10/03/05	<0.14	--	--	--	--	--	--	--	--
	01/05/06	<0.41	--	--	--	--	--	--	--	--
	04/11/06	*3.3*	--	--	--	--	--	--	--	--
PZ-13B	10/12/04	<0.14	<0.40	<0.36	<0.74	nd	--	--	--	--
	01/25/05	<0.14	<0.40	<0.36	<0.74	nd	--	--	--	--
	04/11/05	<0.14	--	--	--	--	--	--	--	--
	10/03/05	<0.14	--	--	--	--	--	--	--	--
	04/11/06	<0.14	--	--	--	--	--	--	--	--

[U-EPK/JTB 2/05][U-EPK/PAR 5/05][U-PAR/RLH 8/05]

Notes:

1) Concentrations that attain/exceed an NR 140 Preventive Action Limit (PAL) are shown *underlined/italicized.*

2) Concentrations that attain/exceed an NR 140 Enforcement Standard (ES) are shown **bold/underlined.**

<0.5 : Parameter not detected above the limit of detection indicated.

-- : Analysis not performed

nd : not detected

ns : NR 140 groundwater standards have not been established.

µg/L : Micrograms per liter.

mg/L : Milligrams per liter.

Dup (OW-98) : Field duplicate sample with field identity in parentheses.

A : Cyanide and lead samples were field filtered.

B : Laboratory note - BTEX parameters analyzed past holding time, results may be biased low.

J : Laboratory note - Duplicate analysis not within control limits.

K : Laboratory note - Detection limit may be elevated due to the presence of an unrequested analyte.

N : Laboratory note - Spiked sample recovery not within control limits.

Q : Laboratory note - The analyte was detected between the limit of detection (LOD) and limit of quantitation (LOQ). Results qualified due to the uncertainty of values in this range.

*** :** Laboratory note - Matrix interference occurred during analysis, detection limit biased high.

Table 4. Groundwater Analytical Results - Polynuclear Aromatic Hydrocarbons (PAHs)

Wisconsin Public Service - Former Stevens Point Manufactured Gas Plant Site

1111 Crosby Avenue, Stevens Point, Wisconsin

USEPA WIN000509983 / BRRTS # 02-50-000079 / FID # 750081200

Location	Date	POLYNUCLEAR AROMATIC HYDROCARBONS (µg/L)																	
		Acenaphthene	Acenaphthylene	Anthracene	Benz(a) anthracene	Benzo(a)pyrene	Benzo(b) fluoranthene	Benzo(ghi) perylene	Benzo(k) fluoranthene	Chrysene	Dibenz(a,h) anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd) pyrene	1-Methyl- naphthalene	2-Methyl- naphthalene	Naphthalene	Phenanthrene	Pyrene
		NR 140 Groundwater Quality Standards (µg/L)																	
NR 140 PAL		ns	ns	*600*	ns	*0.02*	*0.02*	ns	ns	*0.02*	ns	*80*	*80*	ns	ns	ns	*8*	ns	*50*
NR 140 ES		ns	ns	**3,000**	ns	**0.2**	**0.2**	ns	ns	**0.2**	ns	**400**	**400**	ns	ns	ns	**40**	ns	**250**
OW-1	06/02/93	nd	nd	nd	0.36	nd	*0.12*	nd	nd	**0.30**	nd	0.80	0.54	nd	--	--	nd	nd	0.56
	08/16/96	nd	nd	nd	0.20	**0.32**	*0.10*	0.35	0.10	*0.19*	nd	0.28	nd	0.28	nd	nd	nd	nd	0.21
	09/03/97	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
	06/23/99	7.7	<0.55	<0.018	<0.017	<0.027	<0.043	<0.1	<0.029	<0.013	<0.16	<0.1	0.13	<0.083	3.9	0.71	*16*	0.035	<0.047
	02/01/00	30	0.47	0.39	1.3	**3.2**	**2.0**	1.4	<0.11	**1.1**	0.28	2.2	7.1	1.5	13	<0.072	4.1	1.7	2.7
	04/02/02	13D	0.34	0.079	0.37	**0.47**	**0.37**	0.32	0.32	**0.30**	0.099	0.49	<1.1D	0.28	3.0QD	<0.028	<1.3D	0.29	0.44
	10/28/02	59D	<1.8	<1.6	<1.5	<0.96	<1.1	<1.2	<1.0	<1.4	<1.4	<2.2	11	<1.1	37	<2.2	*8.1*	8.9	<1.6
	06/16/03	28D	0.50Q	<0.41	<0.25	<0.29	<0.27	<0.33	<0.39	<0.29	<0.33	<0.27	2.4	<0.44	15D	<0.35	6.9	1.4	<0.35
	11/20/03	27	<1.5	<1.6	<.96	<1.1	<1.0	<1.3	<1.5	<1.1	<1.3	<1.0	1.6 Q	<1.7	5.9	<1.4	<1.9	1.5 Q	<1.4
	04/11/05	14	<0.97	<0.88	<0.98	<0.91	<0.89	<1.0	<0.97	<0.82	<1.1	<0.82	<1.1	<0.85	<1.0	<1.1	<1.1	<1.0	<0.81
Dup (QC-2)	04/11/05	18D	0.29	0.029Q	<0.020	<0.018	<0.018	<0.021	<0.019	<0.016	<0.022	0.020Q	1.0E	<0.017	0.92E	0.036Q	1.1E	0.58E	<0.016
	04/11/06	25 D	0.58	<0.23	<0.31	<0.37	<0.31 Z	<0.39	<0.39 Z	<0.38	<0.38	<0.31	4.1	<0.38	3.4	<0.22	<0.25	2.2	<0.29
OW-2	06/03/93	nd	nd	0.41	nd	nd	nd	nd	nd	**0.44**	nd	1.4	5.0	nd	--	--	*11*	2.8	0.38
	08/16/96	1.3	nd	nd	0.46	nd	nd	nd	nd	nd	nd	0.39	3.1	nd	nd	1.6	*10*	2.3	0.35
	09/03/97	7.8	nd	0.41	0.37	nd	nd	nd	nd	nd	nd	0.66	5.2	nd	nd	nd	*11*	2.4	0.25
	06/23/99	14	<0.55	0.77	0.7	**0.34**	**0.22**	0.26	0.13	**0.23**	<0.16	1.3	7	0.31	0.77	2.5	*10*	3.3	0.31
	02/01/00	14	<0.15	0.52	<0.11	<0.013	**0.24**	0.39	0.16	**0.57**	<0.068	0.87	7.1	0.91	2.9	1.0	*8.0*	3.2	0.28
	04/02/02	7.8	2.7	<0.40	<0.38	**0.26Q**	<0.28	<0.30	0.30Q	<0.36	<0.34	<0.56	3.3	<0.28	0.71Q	0.68 Q	1.2	1.8	0.41Q
	06/16/03	12 D	0.10	<1.0 D	0.18	*0.15*	*0.17*	0.12	0.14	*0.15*	0.036 Q	0.50	4.6 D	0.11	0.32	0.031 Q	<1.2	3.0 D	0.45
	04/11/05	7.7	<0.39	0.59Q	<0.39	<0.36	<0.36	<0.41	<0.39	<0.33	<0.44	0.36 Q	3.0	<0.34	0.41Q	<0.45	<0.45	1.8	<0.33
	04/11/06	4.2	<0.16	0.27 Q	<0.31	<0.37	<0.31 Z	<0.39	<0.39 Z	<0.38	<0.38	<0.31	1.6	<0.38	0.21 Q	<0.22	<0.25	0.93	<0.29
OW-3	06/04/93	28	nd	nd	nd	nd	nd	nd	nd	nd	nd	0.45	2.0	nd	--	--	**620**	3.4	nd
	08/16/96	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	4.2	3.1	**56**	nd	nd
	09/03/97**	94	580	nd	nd	nd	nd	nd	nd	nd	nd	nd	4.4	nd	130	119	**2,500**	2.3	nd
Abandoned. Well was replaced with OW-3R.																			
OW-3R	02/01/00	203	119	124	126	**75**	**73**	27	17	**36**	5	*202*	*244*	24	158	428	**950**	390	*146*
	05/31/00	115	70	145	64	**86**	**137**	27	71	**55**	6.9	*254*	*208*	25	82	235	**432**	424	*219*
	08/31/00	43	21	77	163	**28**	**25**	17	12	**34**	5.7	*190*	*87*	17	32	68	**363**	240	*98*
	11/21/00	5.5	31	27	44	**2.1**	**1.4**	0.36	0.81	**5.3**	<0.068	29	32	0.32	19	34	**150**	70	24
	04/02/02	<22	34 Q,D	84 D	120 D	**110 D**	**63 D**	51 Q,D	75 D	**98 D**	<20 D	*240 D*	30 Q,D	46 Q,D	<32 D	<34 D	**88 Q,D**	160 D	*200 D*
	10/28/02	<14	<18	<16	<15	<9.6	<11	<12	<10	<14	<14	<22	<17	<11	<22	<22	**260**	21 Q	<16
	06/16/03	1.2 Q	1.1 Q	3.0	3.4	**2.7**	**1.9**	1.4	2.1	**3.0**	<0.41	7.7	2.1	1.2 Q	0.60 Q	<0.44	1.6 Q	3.6	6.0
Dup (QC-001)	06/16/03	1.2 Q	1.1 Q	4.2	3.5	**2.5**	**1.7 Q**	1.4 Q	2.3 Q	**3.6**	<0.80	11	2.5 Q	1.2 Q	<0.90	0.86 Q	2.9 Q	5.1	8.3
	11/20/03	9.0	2.1	4.6	1.3	**0.95 Q**	**0.67 Q**	0.50 Q	0.92 Q	**1.3**	<0.40	5.5	7.7	<0.52	8.4	9.4	**76 D**	12	3.9
	04/11/05	1.6	0.36	0.68	0.24Q	*0.15Q*	*0.11Q*	<0.10	0.13Q	*0.17Q*	<0.11	1.1	0.89	<0.085	0.98	0.15Q	1.7	2.0	0.82
	04/11/06	0.47	0.12	0.35	0.040 Q	<0.037	<0.031 Z	<0.039	<0.039 Z	<0.038	<0.038	0.54	0.36	<0.038	0.27	<0.022	0.11	0.42	0.33

Table 4. Groundwater Analytical Results - Polynuclear Aromatic Hydrocarbons (PAHs)

Wisconsin Public Service - Former Stevens Point Manufactured Gas Plant Site

1111 Crosby Avenue, Stevens Point, Wisconsin

USEPA WIN000509983 / BRRTS # 02-50-000079 / FID # 750081200

Location	Date	POLYNUCLEAR AROMATIC HYDROCARBONS (µg/L)																	
		Acenaphthene	**Acenaphthylene**	**Anthracene**	**Benz(a) anthracene**	**Benzo(a)pyrene**	**Benzo(b) fluoranthene**	**Benzo(ghi) perylene**	**Benzo(k) fluoranthene**	**Chrysene**	**Dibenz(a,h) anthracene**	**Fluoranthene**	**Fluorene**	**Indeno(1,2,3-cd) pyrene**	**1-Methyl-naphthalene**	**2-Methyl-naphthalene**	**Naphthalene**	**Phenanthrene**	**Pyrene**
		NR 140 Groundwater Quality Standards (µg/L)																	
NR 140 PAL		ns	ns	*600*	ns	*0.02*	*0.02*	ns	ns	*0.02*	ns	*80*	*80*	ns	ns	ns	*8*	ns	*50*
NR 140 ES		ns	ns	**3,000**	ns	**0.2**	**0.2**	ns	ns	**0.2**	ns	**400**	**400**	ns	ns	ns	**40**	ns	**250**
PZ-3B	07/09/96	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
	08/16/96	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
	09/03/97	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
	06/23/99	<0.23	<0.57	<0.019	0.06	*0.12*	*0.049*	<0.10	<0.030	*0.047*	<0.17	<0.10	<0.030	<0.086	<0.42	<0.62	<0.23	0.055	<0.049
	02/01/00	<0.13	<0.15	<0.020	<0.11	<0.013	<0.055	<0.074	<0.11	<0.059	<0.068	<0.066	<0.11	<0.080	<0.082	<0.072	0.12	<0.045	<0.032
	04/02/02	<0.018	<0.023	<0.020	0.049 Q	*0.062*	*0.050*	0.046 Q	0.047	*0.049Q*	<0.017	0.055 Q	<0.021	0.038 Q	<0.027	<0.028	0.029 Q	0.021Q	0.052 Q
	06/16/03	<0.018	<0.019	<0.020	0.016 Q	0.016 Q	<0.013	<0.016	<0.019	<0.014	<0.016	0.026 Q	<0.017	<0.021	<0.018	<0.017	0.033 Q	<0.016	0.025 Q
	04/11/05	<0.019	<0.019	<0.018	<0.020	<0.018	<0.018	<0.021	<0.019	<0.016	<0.022	<0.016	<0.022	<0.017	<0.020	<0.023	<0.022	<0.020	<0.016
	04/11/06	0.078	<0.0082	0.014 Q	<0.016	<0.019	<0.016 Z	<0.019	<0.020 Z	<0.019	<0.019	<0.016	0.045	<0.019	0.054	0.056	0.23	0.062	<0.015
Dup (QC01)	04/11/06	0.022 Q	<0.0081	<0.012	<0.016	<0.018	<0.016 Z	<0.019	<0.019 Z	<0.019	<0.019	<0.015	0.015 Q	<0.019	0.014 Q	0.021 Q	0.098	0.027 Q	<0.015
OW-4	06/10/93	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	--	--	nd	nd	nd
	08/16/96	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
	09/03/97	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
	06/23/99	<0.23	<0.57	<0.019	<0.018	<0.028	<0.045	<0.10	<0.030	<0.014	<0.17	<0.10	<0.030	<0.086	<0.42	<0.62	<0.23	<0.015	<0.049
	02/01/00	<0.13	<0.15	<0.020	<0.11	<0.013	<0.055	<0.074	<0.11	<0.059	<0.068	<0.066	<0.11	<0.080	<0.082	<0.072	<0.056	<0.045	<0.032
	04/02/02	0.033Q	<0.023 *	<0.020 *	<0.019	*0.022 Q*	0.015 Q	<0.015	0.015 Q	<0.018	<0.017	<0.028 *	<0.021 *	<0.014	<0.027	<0.028	0.051 Q	0.029 Q	0.023 Q
	06/16/03	0.020Q	<0.019	<0.020	0.013 Q	0.016 Q	0.014 Q	<0.016	<0.019	<0.014	<0.016	0.018 Q	<0.017	<0.021	<0.018	<0.017	0.041 Q	0.019 Q	0.018 Q
	04/11/05	0.030Q	<0.019	<0.018	<0.020	<0.018	<0.018	<0.021	<0.019	<0.016	<0.022	<0.016	<0.022	<0.017	0.020Q	<0.023	0.38	<0.020	<0.016
Dup (QC-1)	04/11/05	0.078Q	<0.039	<0.035	<0.039	<0.036	<0.036	<0.041	<0.039	<0.033	<0.044	<0.033	<0.044	<0.034	0.11Q	<0.045	1.2D	<0.041	<0.033
	04/11/06	0.059	0.0092 Q	<0.012	<0.016	<0.018	<0.016 Z	<0.019	<0.019 Z	<0.019	<0.019	<0.015	<0.0091	<0.019	0.093	0.017 Q	1.5 D	<0.011	<0.015
OW-5	06/03/93	450	810	56	44	**46**	**21**	18	15	**27**	0.97	*210*	*260*	25	--	--	**9,000**	330	*74*
(dup.)	06/03/93	340	600	75	88	**80**	**35**	32	26	**55**	1.7	*350*	*260*	41	--	--	**5,600**	430	*100*
	08/16/96**	710	1,800	100	60	**47**	**22**	36	27	**28**	nd	*280*	*270*	34	1,300	1,500	**6,700**	350	*69*
	09/04/97**	20	46	16	26	**1.2**	**8.3**	19	9.6	**12**	nd	54	23	15	110	97	**120**	37	34
Abandoned April 1998. Well was not replaced.																			
OW-5A	06/03/93	350	240	45	78	**68**	**30**	26	20	**36**	nd	*260*	*140*	35	--	--	**2,700**	220	*96*
	08/16/96**	60	230	23	22	**18**	**8.1**	18	5.9	**9.1**	nd	67	31	15	190	110	**440**	63	24
	09/04/97**	240	nd	40	20	**15**	**6.1**	13	7.1	**10**	nd	*87*	*170*	9.8	900	880	**5,300**	170	36
Abandoned April 1998. Well Replaced with OW-5R.																			
OW-5R	02/01/00	1,180	1,020	*882*	37	**541**	**256**	181	126	**223**	<0.34	**1,610**	**1,390**	192	34	17	**15,700**	2,360	**1,190**
Dup (OW-99)	02/01/00	1,470	1,080	*1,160*	346	**579**	**450**	453	371	**324**	85	**2,640**	**1,960**	303	1,340	2,640	**14,700**	3,130	**1,600**
	05/31/00	305	341	194	74	**102**	**64**	87	64	**56**	9.1	*304*	*317*	48	303	580	**3,900**	527	*221*
	08/31/00	373	222	513	419	**101**	**218**	138	104	**253**	<3.4	**909**	**472**	127	294	566	**3,010**	1,110	**694**
	11/21/00	328	155	410	320	**244**	**142**	87	66	**252**	29	**683**	*393*	103	247	423	**2,500**	1150	**461**
	04/02/02	180 D*	170 Q,D*	420 D*	410 D	**370 D**	**250 D**	200 D	310 D	**370 D**	64 Q,D	**990 D***	*180 Q,D**	210 D	100 Q,D*	<90D*	**540 D***	1,000 D*	**720 D**
	10/28/02	24 Q	23 Q	57	57	**58**	**51**	36	49	**63**	10Q	*140*	19 Q	32	16Q	<14	**54**	140	*100*
	06/16/03	<0.36	0.47 Q	0.99 Q	1.6	**1.6**	**1.1**	0.76 Q	1.4	**1.5**	<0.32	4.4	<0.34	0.75 Q	<0.36	<0.34	<0.48	1.6	3.1
	11/20/03	31 D	11 D	9.2	6.9	**6.5**	**4.8**	2.9	4.9	**5.2**	1.0 Q	18 D	13 D	3.0	32 D	0.70 Q	*34 D*	30 D	13 D
	04/20/04	4.2 D,&	1.5 D,&	1.1 D,Q	1.0 D	**1.1 D,&**	**0.63 D,Q**	0.35	0.41	**0.88 D,Q,&**	0.12	2.1 D	1.4 D,&	0.37	2.8 D,&	0.13	5.7 D	1.3 D,&	1.5 D

Table 4. Groundwater Analytical Results - Polynuclear Aromatic Hydrocarbons (PAHs)

Wisconsin Public Service - Former Stevens Point Manufactured Gas Plant Site

1111 Crosby Avenue, Stevens Point, Wisconsin

USEPA WIN000509983 / BRRTS # 02-50-000079 / FID # 750081200

Location	Date	POLYNUCLEAR AROMATIC HYDROCARBONS (µg/L)																	
		Acenaphthene	**Acenaphthylene**	**Anthracene**	**Benz(a) anthracene**	**Benzo(a)pyrene**	**Benzo(b) fluoranthene**	**Benzo(ghi) perylene**	**Benzo(k) fluoranthene**	**Chrysene**	**Dibenz(a,h) anthracene**	**Fluoranthene**	**Fluorene**	**Indeno(1,2,3-cd) pyrene**	**1-Methyl-naphthalene**	**2-Methyl-naphthalene**	**Naphthalene**	**Phenanthrene**	**Pyrene**
		NR 140 Groundwater Quality Standards (µg/L)																	
NR 140 PAL		ns	ns	*600*	ns	*0.02*	*0.02*	ns	ns	*0.02*	ns	*80*	*80*	ns	ns	ns	*8*	ns	*50*
NR 140 ES		ns	ns	**3,000**	ns	**0.2**	**0.2**	ns	ns	**0.2**	ns	**400**	**400**	ns	ns	ns	**40**	ns	**250**
OW-5R cont.	07/20/04	8.6D	5.5D	1.2QD	0.13	*0.050*	*0.034Q*	0.020Q	0.040Q	*0.079*	<0.015	1.9 D	4.4 D	<0.020	9.5D	0.082	*11 D*	5.0D	1.2QD
	10/12/04	48 D,Q	<15 D	6.9	0.52 Q	<0.36	<0.36	<0.41	<0.39	**0.43 Q**	<0.44	7.6	<17 D	<0.34	73 D	1.6	**190 D**	25 D,Q	4.6
Dup (QC-1)	10/12/04	57 D	15 D,Q	<7.1	0.47	*0.12*	*0.082*	0.035 Q	0.090	**0.23**	<0.022	<6.6 D	9.9 D,Q	0.039 Q	85 D	<9.1 D	**230 D**	28 D	<6.5 D
	01/25/05	68D	21	22	18	**18**	**12**	7.6	13	**15**	2.3Q	46 D	22	7.6	77D	2.6Q	**220 D**	48 Q,D	29
Dup (QC-1)	01/25/05	78D	24	30	29	**26**	**17**	11	19	**19**	3.1Q	75 D	32	11	85D	7.5Q	**200 D**	88 D	*51 D*
	04/11/05	6.9	3.8	1.5	<0.39	<0.36	<0.36	<0.41	<0.39	<0.33	<0.44	2.3	3.6	<0.34	6.8	<0.45	6.0	4.6	1.6
	07/11/05	10	4.9	1.7 Q	<0.78	<0.92	<0.78 Z	<0.96	<0.97 Z	<0.95	<0.94	1.9 Q	5.0	<0.94	11	<0.56	*15*	3.8	1.3 Q
	10/03/05	2.3	0.99	0.18 Q	<0.16	<0.18	<0.16 Z	<0.19	<0.19 Z	<0.19	<0.19	1.1	0.46	<0.19	1.2	<0.11	<0.47	<0.11	0.67
	01/05/06	5.3 D	2.7 D	1.3 D	0.11	*0.033 Q*	0.019 QZ	<0.019	<0.39 ZD	*0.059 Q*	<0.019	1.4 D	2.9 D	<0.019	4.2 D	0.026 Q	0.54 QD	3.3 D	1.1 D
	04/11/06	6.6	2.1	0.92	<0.31	<0.37	<0.31 Z	<0.39	<0.39 Z	<0.38	<0.38	1.8	2.9	<0.38	5.3	<0.22	2.8	2.4	1.1
P-5B	09/17/93	nd	nd	20	0.71	nd	nd	nd	nd	**0.23**	nd	17	*130*	nd	--	--	nd	110	5.7
	08/16/96**	nd	nd	12	0.25	nd	nd	nd	nd	nd	nd	11	*97*	nd	660	390	**3,500**	76	3.2
	09/04/97**	110	770	110	nd	nd	nd	nd	nd	nd	nd	11	*110*	nd	630	300	**2,600**	67	3.5
	06/23/99	190	180	13	<0.17	<0.27	<0.43	<1.0	<0.29	<0.13	<1.6	17	*130*	<0.83	250	530	**2,800**	84	5.3
Dup (OW-99)	06/23/99	220	240	13	<0.17	<0.27	<0.43	<1.0	<0.29	<0.13	<1.6	9.6	*130*	<0.83	280	580	**4,200**	80	4.8
	02/01/00	4.3	<0.15	<0.020	<0.11	<0.013	<0.055	<0.074	<0.11	<0.059	<0.068	<0.066	1.3	<0.080	<0.082	<0.072	<0.056	<0.045	<0.032
	05/31/00	29	<0.15	<0.020	<0.11	<0.013	<0.055	<0.074	<0.11	*0.06*	<0.069	0.72	13	<0.081	<0.072	29	0.51	2.6	0.42
Dup (OW-98)	05/31/00	0.53	<0.15	0.08	<0.11	<0.013	<0.055	<0.074	<0.11	<0.059	<0.068	0.43	<0.11	<0.080	<0.082	<0.072	0.53	0.32	0.25
	08/31/00	262	<0.15	18	2.4	**0.85**	**0.5**	<0.074	<0.11	**0.74**	<0.068	14	*159*	<0.080	340	134	**3,030**	93	10
	11/21/00	266	141	15	1.3	<0.013	**0.26**	0.18	0.14	**0.65**	<0.068	7.4	*156*	<0.080	326	94	**3,420**	103	7.8
	04/02/02	<220 D	<280 D	<240 D	0.55 Q	**0.34 Q**	<0.28	<0.30	<0.26	<0.36	<0.34	5.7	<250 D	<0.28	<320 D	<340 D	**2,900**	<230 D	3.6
	10/28/02	230 Q	<120	<100	<95	<60	<70	<75	<65	<90	<85	<140	<110	<70	320 Q	<140	**3,800 D**	110 Q	<100
	06/16/03	260 Q,D	<95 D	<100 D	0.29 Q	<0.28	<0.26	<0.32	<0.38	<0.28	<0.32	8.1	*110 Q,D*	<0.42	360 D	130 Q,D	**3,900 D**	100 Q,D	6.5
	11/20/03	260 Q,D	82	17 Q	<6.0	<7.0	<6.5	<8.0	<9.5	<7.0	<8.0	8.0 Q	*120*	<10	370 Q,D	170	**4,800 D**	110	<8.5
	04/20/04	79 D,Q,*	<65 D,*	4.2	<0.48	<0.56 *	<0.52	<0.64	<0.76	<0.56 &	<0.64	2.0	<58 D	<0.84	91 D,Q,*	18	**1,000 D**	<54 D,*	1.2 Q
Dup (QC-1)	04/20/04	<140 D,*	<150 D,*	7.0	<1.2	<1.4 *	<1.3	<1.6	<1.9	<1.4 &	<1.6	3.2 Q	<140 D	<2.1	140 D,Q,*	36	**1,700 D**	38 *	2.0 Q
	07/20/04	62D	6.0Q	2.0Q	<1.1	<1.3	<1.2	<1.5	<1.8	<1.3	<1.5	2.5 Q	20	<2.0	24	<1.6	<2.3	5.8	1.7Q
	10/12/04	<160 D	32	8.2	<2.0	<1.8	<1.8	<2.1	<1.9	<1.6	<2.2	6.7	<170 D	<1.7	<160 D	42	**1,500 D**	<160 D	4.4 Q
	01/25/05	210E	66	18	<3.9	<3.6	<3.6	<4.1	<3.9	<3.3	<4.4	10 Q	*100 E*	<3.4	270E	140E	**3,300D**	95	5.6 Q
	04/11/05	94	12Q	<3.5	<3.9	<3.6	<3.6	<4.1	<3.9	<3.3	<4.4	<3.3	21	<3.4	38	<4.5	<4.5	<4.1	<3.3
	07/11/05	100 D	21	5.8 Q	<3.1	<3.7	<3.1 Z	<3.9	<3.9 Z	<3.8	<3.8	<3.1	35	<3.8	92 D	18	**430 D**	22	<2.9
	10/03/05	130 D	21	5.2 Q	<3.1	<3.7	<3.1 Z	<3.9	<3.9 Z	<3.8	<3.8	<3.1	44	<3.8	130 D	31	**440 D**	30	<2.9
Dup (QC02)	10/03/05	120 D	18	4.7 Q	<3.1	<3.7	<3.1 Z	<3.9	<3.9 Z	<3.8	<3.8	<3.1	39	<3.8	110 D	29	**390 D**	24	<2.9
	01/05/06	80 D	4.4	1.0	<0.31	<0.37	<0.31 Z	<0.39	<0.39 Z	<0.38	<0.38	0.93 Q	12 D	<0.38	8.8	<0.22	<0.25	<0.23	0.59 Q
	04/11/06	90	7.8	3.2 Q	<3.1	<3.7	<3.1 Z	<3.9	<3.9 Z	<3.8	<3.8	<3.1	29	<3.8	57	5.3 Q	*34*	11	<2.9
OW-6	06/03/93	63	47	13	nd	**1.1**	**0.68**	nd	0.46	**0.93**	nd	35	38	nd	--	--	**230**	100	18
	08/16/96	8.6	44	4.3	1.4	**0.35**	*0.06*	nd	nd	**0.39**	nd	14	8.2	nd	4.6	2.8	**50**	32	11
	09/03/97**	5.2	110	12	1.6	nd	nd	nd	nd	**0.41**	nd	22	42	nd	340	35	**330**	99	19
	06/23/99	78	450	12	<0.34	<0.54	<0.86	<2.0	<0.58	<0.26	<3.2	23	79	<1.7	250	270	**2,600**	98	16

Table 4. Groundwater Analytical Results - Polynuclear Aromatic Hydrocarbons (PAHs)

Wisconsin Public Service - Former Stevens Point Manufactured Gas Plant Site

1111 Crosby Avenue, Stevens Point, Wisconsin

USEPA WIN000509983 / BRRTS # 02-50-000079 / FID # 750081200

Location	Date	POLYNUCLEAR AROMATIC HYDROCARBONS (µg/L)																		
		Acenaphthene	Acenaphthylene	Anthracene	Benz(a) anthracene	Benzo(a)pyrene	Benzo(b) fluoranthene	Benzo(ghi) perylene	Benzo(k) fluoranthene	Chrysene	Dibenz(a,h) anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd) pyrene	1-Methyl- naphthalene	2-Methyl- naphthalene	Naphthalene	Phenanthrene	Pyrene
		NR 140 Groundwater Quality Standards (µg/L)																		
NR 140 PAL		ns	ns	*600*	ns	*0.02*	*0.02*	ns	ns	*0.02*	ns	*80*	*80*	ns	ns	ns	*8*	ns	*50*
NR 140 ES		ns	ns	**3,000**	ns	**0.2**	**0.2**	ns	ns	**0.2**	ns	**400**	**400**	ns	ns	ns	**40**	ns	**250**
OW-6 cont.	02/01/00	40	21	9.7	1.6	**3.8**	**1.4**	6.2	<0.11	<0.059	<0.068	9.7	19	6.5	38	28	**283**	31	8.8
	05/31/00	25	34	5.1	3.5	**0.68**	**1.6**	2.1	0.68	**3.3**	0.4	9.1	14	2.5	36	28	**333**	20	9
	08/31/00	87	275	20	<0.11	**4.5**	**2.8**	2.8	<0.11	**4.5**	<0.068	33	*84*	3.1	238	218	**2,280**	140	30
	11/21/00	50	42	9.1	2.6	**2.3**	**1.5**	1.7	1.2	**1.7**	0.38	11	25	1.7	53	39	**477**	50	13
	04/02/02	31 D,*	4.2 *	4.4 *	2.6	**2.1**	**1.4**	0.91 Q	1.5	**1.9**	0.39 Q	7.3 *	14 Q,D,*	0.94	22 Q,D*	15 Q,D*	**160 D,***	27 Q,D,*	8.6
	10/28/02	88 Q,D	150 Q,D	9.0	<1.9	<1.2	<1.4	<1.5	<1.3	<1.8	<1.7	8.0 Q	41	<1.4	170 Q,D	<110 D	**1,800 D**	100 Q,D	10
	06/16/03	29 D	4.9	2.4	0.64 Q	**0.44 Q**	**0.33 Q**	<0.32	0.39 Q	**0.56 Q**	<0.32	2.9	10 D	<0.42	10	0.39 Q	1.9	2.3	4.4
	11/20/03	31	20	3.8 Q	<1.2	<1.4	<1.3	<1.6	<1.9	<1.4	<1.6	3.5 Q	14	<2.1	33	25	**370 D**	21	3.9 Q
	07/20/04	46	26	13	<1.1	<1.3	<1.2	<1.5	<1.8	<1.3	<1.5	8.4	28	<2.0	59D	18	**190 D**	88D	10
	04/11/05	9.6QD	0.49Q	1.3	<0.39	<0.36	<0.36	<0.41	<0.39	<0.33	<0.44	1.2	4.5	<0.34	7.2	5.1	**45 D**	4.0	1.1
	10/03/05	79	120 QD	5.1 Q	<3.1	<3.7	<3.1 Z	<3.9	<3.9 Z	<3.8	<3.8	<3.1	21	<3.8	130 QD	100 E	**1,800 D**	40	<2.9
	04/11/06	11 D	0.31 Q	1.6	<0.31	<0.37	<0.32 Z	<0.39	<0.39 Z	<0.38	<0.38	1.1	5.2	<0.38	7.3	6.3	**51 D**	6.2	0.84 Q
OW-7	06/04/93	40	70	9.0	2.5	**1.8**	**0.85**	nd	0.97	**1.6**	nd	23	33	1.2	--	--	**460**	64	9.7
	08/16/96	nd	22	3.1	0.40	nd	nd	nd	nd	nd	nd	2.3	14	nd	26	46	**70**	18	1.0
	09/03/97	2.0	nd	1.8	0.30	*0.18*	nd	nd	nd	*0.12*	nd	2.6	7.5	nd	18	19	**48**	10	1.3
	02/26/98	Abandoned. Well was not replaced.																		
OW-7A	06/02/93	26	nd	24	nd	**12**	**3.9**	5.1	2.0	**7.4**	nd	*82*	25	5.4	--	--	**88**	170	*65*
	08/16/96	nd	nd	25	33	**9.9**	**1.8**	6.9	3.1	**7.1**	nd	72	24	4.4	87	100	**76**	130	*66*
Dup	08/16/96	nd	nd	17	33	**9.4**	**2.0**	7.5	3.2	**6.8**	nd	66	8.5	4.9	43	41	*14*	55	*60*
	9/3/97**	14	nd	14	9.2	**5.9**	**1.2**	5.2	1.6	**4.2**	nd	43	15	3.1	110	5.9	**56**	78	*51*
	06/23/99	40	3.3	15	13	**13**	**4.3**	11	4.8	**6.2**	1.1	67	27	5.3	28	56	**270**	60	*63*
	02/01/00	49	7.5	23	3	**18**	**6.4**	6.7	2.7	**6.1**	5.9	57	27	5.2	31	28	**460**	80	*74*
	05/31/00	38	<0.15	17	13	**5.6**	**6.8**	5.7	3.2	**26**	1.6	50	40	6.9	21	20	**160**	62	*69*
	08/31/00	56	<0.15	29	21	**11**	**11**	14	11	**24**	2.1	61	39	12	35	26	**316**	93	*102*
	11/21/00	49	3.8	14	13	**4.7**	**2.8**	3.2	1.2	**15**	<0.068	23	32	1.8	32	29	**383**	51	32
	04/02/02	35 D,*	5.2 *	16 D,*	15 D	**11 D**	**5.6**	6.6	5.4	**13 D**	1.6	34 D,*	21 D,*	4.7	18 D*	12 Q,D*	**40 D***	55 D,*	*60 D*
	10/28/02	48	<2.3	5.1 Q	<1.9	<1.2	<1.4	<1.5	<1.3	<1.8	<1.7	5.1 Q	23	<1.4	49	48	**640**	34	6.0 Q
	06/16/03	29 D	1.7	3.7	1.8	**1.6**	**0.85**	0.96 Q	0.84 Q	**1.7**	<0.32	4.7	13 D	0.63 Q	11 D	4.7	2.1	5.6	9.0
	11/20/03	46	3.2 Q	10	5.1	**5.1**	**3.0 Q**	3.2 Q	3.0 Q	**5.6**	<1.6	16	25	<2.1	33	32	**300 D**	45	23
	04/20/04	15 D,&	0.68 Q,&	2.0	0.7 Q	**0.61 Q,&**	**0.26 Q**	0.33 Q	<0.37	**0.51 Q,&**	<0.31	2.1	7.0 &	<0.40	7.8 &	3.8	5.0	2.4 &	2.7
	07/20/04	38	<1.8	4.0 Q	<1.1	<1.3	<1.2	<1.5	<1.8	<1.3	<1.5	2.7 Q	16	<2.0	34	16	**360 D**	22	2.5 Q
	10/12/04	42	<1.9	4.0 Q	<2.0	<1.8	<1.8	<2.1	<1.9	<1.6	<2.2	3.0 Q	18	<1.7	43	42	**510 D**	25	2.7 Q
	01/25/05	45	6.7Q	18	9.9 Q	**9.8 Q**	**5.0 Q**	5.9 Q	5.4 Q	**10 Q**	<4.4	28	24	3.5Q	33	31	**400 D**	56	38
	04/11/05	20	<1.9	4.0 Q	<2.0	<1.8	<1.8	<2.1	<1.9	<1.6	<2.2	2.7Q	8.9	<1.7	13	11	**65 D**	9.2	3.8 Q
	07/11/05	31	<1.6	4.9 Q	<3.1	<3.7	<3.1 Z	<3.9	<3.9 Z	<3.8	<3.8	<3.1	11	<3.8	30	27	**260 D**	16	2.9 Q
	10/03/05	40	<1.6	3.8 Q	<3.1	<3.7	<3.1 Z	<3.9	<3.9 Z	<3.8	<3.8	<3.1	17	<3.8	34	36	**400 D**	21	<2.9
Dup (QC01)	10/03/05	39 D	0.87	4.5	<0.31	<0.37	<0.31 Z	<0.39	<0.39 Z	<0.38	<0.38	2.8	14 QD	<0.38	33 QD	29 QD	**400 D**	20 QD	2.5
	01/05/06	24 D	0.57 E	2.5 QD	0.20	*0.059 Q*	*0.033 QZ*	0.023 Q	<2.4 ZD	*0.11*	<0.019	1.7 E	11 D	<0.019	18 D	20 D	**110 D**	9.6 D	1.8 E
	04/11/06	26 D	0.69	2.9	<0.31	<0.37	<0.31 Z	<0.39	<0.39 Z	<0.38	<0.38	1.7	11 QD	<0.38	17 QD	15 QD	**200 D**	12 QD	1.4

Table 4. Groundwater Analytical Results - Polynuclear Aromatic Hydrocarbons (PAHs)

Wisconsin Public Service - Former Stevens Point Manufactured Gas Plant Site

1111 Crosby Avenue, Stevens Point, Wisconsin

USEPA WIN000509983 / BRRTS # 02-50-000079 / FID # 750081200

Location	Date	POLYNUCLEAR AROMATIC HYDROCARBONS (µg/L)																	
		Acenaphthene	Acenaphthylene	Anthracene	Benz(a) anthracene	Benzo(a)pyrene	Benzo(b) fluoranthene	Benzo(ghi) perylene	Benzo(k) fluoranthene	Chrysene	Dibenz(a,h) anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd) pyrene	1-Methyl-naphthalene	2-Methyl-naphthalene	Naphthalene	Phenanthrene	Pyrene
		NR 140 Groundwater Quality Standards (µg/L)																	
NR 140 PAL		ns	ns	*600*	ns	*0.02*	*0.02*	ns	ns	*0.02*	ns	*80*	*80*	ns	ns	ns	*8*	ns	*50*
NR 140 ES		ns	ns	**3,000**	ns	**0.2**	**0.2**	ns	ns	**0.2**	ns	**400**	**400**	ns	ns	ns	**40**	ns	**250**
PZ-7B	07/09/96**	440	nd	10	nd	nd	nd	nd	nd	nd	nd	5.6	*130*	nd	1,700	350	**2,600**	87	nd
	08/16/96	390	450	1.4	nd	nd	nd	nd	nd	nd	nd	1.5	36	nd	620	180	**870**	15	0.76
	09/03/97**	290	350	2.4	nd	nd	nd	nd	nd	nd	nd	nd	32	nd	110	53	nd	15	nd
Dup	09/03/97	140	340	3.1	nd	nd	nd	nd	nd	nd	nd	2.6	36	nd	390	100	**210**	20	nd
	06/23/99	190	100	2.7	<0.017	<0.027	<0.043	<0.1	<0.029	<0.013	<0.16	2.2	52	<0.083	170	170	**970**	23	1.0
	02/01/00	223	<0.15	3.1	<0.11	<0.013	<0.055	<0.074	<0.11	*0.13*	<0.068	3.4	54	<0.080	219	224	**1,000**	20	1.8
	05/31/00	154	207	11	0.23	<0.013	<0.055	<0.074	<0.11	*0.09*	<0.068	6.2	*164*	<0.080	289	348	**1,700**	101	6.2
	08/31/00	173	195	17	0.36	<0.013	<0.055	<0.074	<0.11	*0.15*	<0.068	7.3	*181*	<0.080	300	324	**358**	93	7.8
	11/21/00	174	176	15	0.25	<0.013	<0.055	<0.074	<0.11	*0.11*	<0.068	8.3	*111*	<0.080	305	374	**966**	98	7.3
	04/02/02	160 Q,D	<170 D	8.3	<0.38	<0.24	<0.28	<0.30	<0.26	<0.36	<0.34	2.9	<150 D	<0.28	270 Q,D	350 Q,D	**2,300 D**	<140 D	4.5
	10/28/02	160 Q	130 Q	7.4	<1.9	<1.2	<1.4	<1.5	<1.3	<1.8	<1.7	3.3 Q	<84	<1.4	300 Q	380	**1,700**	98 Q	5.4 Q
	06/16/03	150 D	25	11	<1.2	<1.4	<1.3	<1.6	<1.9	<1.4	<1.6	2.9 Q	50 D	<2.1	190 D	5.5	<2.4	87 D	6.0
Dup(QC-002)	06/16/03	160 Q,D	110 Q,D	8.7	<0.24	<0.28	<0.26	<0.32	<0.38	<0.28	<0.32	3.4	<68 D	<0.42	300 D	310 D	**630 D**	100 Q,D	6.9
	11/20/03	<180 D	<190 D	15 Q	<3.0	<3.5	<3.2	<4.0	<4.8	<3.5	<4.0	<3.2	56	<5.2	310 Q,D	400 Q,D	**2,700 D**	95	5.2 Q
	04/20/04	140 D,&	32 D,&	1.3 Q	<0.46	<0.53 &	<0.50	<0.61	<0.72	<0.53 &	<0.61	<0.50	30 D,&	<0.80	160 D,&	140 D	**48 D**	18 &	<0.65
	07/20/04	50 D	8.5	<1.9	<1.1	<1.3	<1.2	<1.5	<1.8	<1.3	<1.5	<1.2	8.6	<2.0	52D	46	**62 D**	11	<1.6
	10/12/04	<78	9.8	<1.8	<2.0	<1.8	<1.8	<2.1	<1.9	<1.6	<2.2	<1.6	7.9	<1.7	<80 D	<91 D	**980 D**	5.9 Q	<1.6
	01/25/05	140E	170E	15	<3.9	<3.6	<3.6	<4.1	<3.9	<3.3	<4.4	4.4Q	55	<3.4	290E	390E	**2,800 D**	88	6.3 Q
	04/11/05	84	41	16	<3.9	<3.6	<3.6	<4.1	<3.9	<3.3	<4.4	<3.3	19	<3.4	120QD	130QD	**700 D**	39	<3.3
	07/11/05	77	26	4.2 Q	<3.1	<3.7	<3.1 Z	<3.9	<3.9 Z	<3.8	<3.8	<3.1	10	<3.8	95 D	98 D	**810 D**	8.6	<2.9
Dup(QC-1)	07/11/05	73 Q,D	33	3.9	<1.6	<1.8	<1.6 Z	<1.9	<1.9 Z	<1.9	<1.9	<1.5	13	<1.9	110 Q,D	96 Q,D	**1,200 D**	14	<1.5
	10/03/05	72	20	<2.3	<3.1	<3.7	<3.1 Z	<3.9	<3.9 Z	<3.8	<3.8	<3.1	9.5	<3.8	97 D	85 QD	**890 D**	7.9	<2.9
	01/05/06	94	26	<4.6	<6.2	<7.3	<6.3 Z	<7.7	<7.7 Z	<7.6	<7.5	<6.2	12	<7.5	120	160	**1,600 D**	9.6 Q	<5.8
Dup (QC01)	01/05/06	97 QD	28	3.3 Q	<1.6	<1.8	<1.6 Z	<1.9	<1.9 Z	<1.9	<1.9	<1.5	15	<1.9	150 QD	87 QD	**1,100 D**	14	<1.5
	04/11/06	78 D	30	1.4 Q	<1.6	<1.8	<1.6 Z	<1.9	<1.9 Z	<1.9	<1.9	<1.5	13	<1.9	110 D	100 D	**590 D**	9.1	<1.5
OW-8	06/02/93	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	--	--	nd	nd	5.4 Q
	08/16/96	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	1.9	nd	nd
	09/03/97	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	5.4 Q
	06/23/99	0.66	<0.56	0.089	<0.017	<0.027	<0.043	<0.1	<0.029	<0.013	<0.16	0.11	0.032	<0.084	<0.4	<0.6	0.62	0.62	nd
	02/01/00	<0.13	<0.15	<0.020	<0.11	<0.013	<0.055	<0.074	<0.11	<0.059	<0.068	<0.066	<0.11	<0.080	<0.082	<0.072	0.18	<0.045	5.4 Q
	04/02/02	0.69 *	0.046 Q*	0.070 *	0.047 Q	*0.050*	*0.040 Q*	0.031 Q	0.039 Q	*0.041 Q*	<0.017	0.13 *	0.15 *	0.027 Q	0.33 *	0.063 Q*	0.67 *	0.58 *	nd
	06/16/03	0.50	<0.019	0.071	0.021 Q	*0.020 Q*	0.017 Q	<0.016	<0.019	0.019 Q	<0.016	0.14	0.059	<0.021	<0.018	<0.017	0.038 Q	0.63 D	0.14
	04/11/05	1.0D	0.029Q	0.046Q	<0.020	<0.018	<0.018	<0.021	<0.019	<0.016	<0.022	0.047Q	0.33	<0.017	0.61D	0.090	1.2 D	0.52D	0.053 Q
	04/11/06	2.1 D	0.080	0.13	<0.016	<0.018	<0.016 Z	<0.019	<0.019 Z	<0.019	<0.019	0.063	0.76 D	<0.019	1.6 D	0.21	4.5 D	0.95 D	0.055

Table 4. Groundwater Analytical Results - Polynuclear Aromatic Hydrocarbons (PAHs)

Wisconsin Public Service - Former Stevens Point Manufactured Gas Plant Site

1111 Crosby Avenue, Stevens Point, Wisconsin

USEPA WIN000509983 / BRRTS # 02-50-000079 / FID # 750081200

Location	Date	POLYNUCLEAR AROMATIC HYDROCARBONS (µg/L)																	
		Acenaphthene	**Acenaphthylene**	**Anthracene**	**Benz(a) anthracene**	**Benzo(a)pyrene**	**Benzo(b) fluoranthene**	**Benzo(ghi) perylene**	**Benzo(k) fluoranthene**	**Chrysene**	**Dibenz(a,h) anthracene**	**Fluoranthene**	**Fluorene**	**Indeno(1,2,3-cd) pyrene**	**1-Methyl-naphthalene**	**2-Methyl-naphthalene**	**Naphthalene**	**Phenanthrene**	**Pyrene**
		NR 140 Groundwater Quality Standards (µg/L)																	
NR 140 PAL		ns	ns	*600*	ns	*0.02*	*0.02*	ns	ns	*0.02*	ns	*80*	*80*	ns	ns	ns	*8*	ns	*50*
NR 140 ES		ns	ns	**3,000**	ns	**0.2**	**0.2**	ns	ns	**0.2**	ns	**400**	**400**	ns	ns	ns	**40**	ns	**250**
OW-9	09/04/97**	61	200	1.7	nd	nd	nd	nd	nd	nd	nd	nd	23	nd	140	75	**1,000**	17	nd
	06/23/99	260	210	15	<0.34	<0.54	<0.86	<2.0	<0.58	<0.26	<3.2	22	*160*	<1.7	340	680	**4,800**	110	7.2
Dup (OW-98)	06/23/99	130	120	8	<0.34	<0.54	<0.86	<2.0	<0.58	<0.26	<3.2	10	*92*	<1.7	180	360	**2,500**	59	3.2
	02/01/00	203	163	28	<0.11	**4.3**	**1.9**	9.3	<0.11	<0.059	<0.068	48	49	13	291	42	**1,980**	153	25
	05/31/00	200	190	11	<0.11	**0.33**	**0.6**	0.13	0.71	<0.059	<0.068	19	*101*	0.27	277	63	**2,960**	84	8.7
	08/31/00	269	85	10	<0.11	**2.0**	<0.055	1.3	<0.11	<0.059	<0.068	17	*111*	3.8	268	42	**2,710**	91	8.5
Dup (OW-99)	08/31/00	278	<0.15	13	<0.11	<0.013	**0.20**	<0.074	<0.11	<0.059	<0.068	14	*121*	<0.080	279	44	**2,990**	99	9.7
	11/21/00	215	77	11	<0.11	**1.7**	*0.19*	<0.074	<0.11	<0.059	<0.068	7.7	*89*	3.8	223	<0.072	**1,920**	87	5.8
	04/02/02	160 *	35 Q*	4.5 *	0.32 Q	**0.32 Q**	<0.28	<0.30	<0.26	<0.36	<0.34	<34 *	48 Q*	<0.28	150 *	1.8 *	**530 ***	70 Q*	6.8
Dup (OW-98)	04/02/02	130 D	<32 D	6.2	0.51 Q	**0.75 Q**	**0.54 Q**	0.53 Q	0.51 Q	**0.55 Q**	<0.34	<39 D	39 Q,D	0.47 Q	140 D	1.6 Q	**590 D**	66 Q,D	<0.40 D
	10/28/02	110	<9.2	<8.0	<7.6	<4.8	<5.6	<6.0	<5.2	<7.2	<6.8	<11	25 Q	<5.6	63	<11	<11	52	<8.0
	06/16/03	85 D	6.7	<2.1	<1.3	<1.5	<1.4	<1.7	<2.0	<1.5	<1.7	3.4 Q	7.2	<2.2	38	<1.8	*35*	21	2.4 Q
	11/20/03	110	7.7 Q	<5.0	<3.0	<3.5	<3.2	<4.0	<4.8	<3.5	<4.0	5.4 Q	9.8 Q	<5.2	62	<4.2	**78**	28	<4.2
Dup (QC-1)	11/20/03	85 D	6.4	1.5	<0.24	<0.28	<0.26	<0.32	<0.38	<0.28	<0.32	6.8	8.4	<0.42	42 D	<0.34	**44 D**	22 D	3.9
	07/20/04	92D	8.7	2.4Q	<1.1	<1.3	<1.2	<1.5	<1.8	<1.3	<1.5	4.1	14	<2.0	63D	<1.6	**110D**	27	2.5 Q
	04/12/05	100QD	31	5.2Q	<2.0	<1.8	<1.8	<2.1	<1.9	<1.6	<2.2	4.9Q	42	<1.7	130E	20	**1,100D**	56E	2.7 Q
	10/03/05	120 QD	50	6.3 Q	<3.1	<3.7	<3.1 Z	<3.9	<3.9 Z	<3.8	<3.8	5.8 Q	59	<3.8	160 QD	49	**1,700 D**	72	3.7 Q
	04/11/06	76 QD	39	3.8 Q	<1.6	<1.8	<1.6 Z	<1.9	<1.9 Z	<1.9	<1.9	5.3	37	<1.9	92 QD	15	**1,100 D**	48 E	2.6 Q
PZ-9B	09/04/97	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	2.0	nd	14	6.6	**81**	0.95	nd
	06/23/99	32	<0.55	0.58	<0.017	<0.027	<0.043	<0.1	<0.029	<0.013	<0.16	0.89	3.9	<0.083	12	29	*8.4*	0.85	0.33
	02/01/00	2.1	<0.51	<0.067	<0.38	<0.045	<0.18	<0.25	<0.38	<0.2	<0.23	<0.22	<0.38	<0.27	<0.28	<0.24	<0.19	<0.15	<0.11
	05/31/00	17	<0.15	0.39	<0.11	<0.013	<0.055	<0.074	<0.11	<0.059	<0.068	0.56	<0.11	<0.08	5.7	<0.072	0.78	0.23	0.35
	08/31/00	2.1	<0.15	<0.020	<0.11	<0.013	<0.055	<0.074	<0.11	<0.059	<0.068	<0.066	<0.11	<0.080	0.78	0.12	0.52	0.12	<0.032
	11/21/00	40	<0.15	0.95	<0.11	<0.013	<0.055	<0.074	<0.11	<0.059	<0.068	<0.066	2.2	<0.080	11	<0.072	1.2	<0.045	<0.032
	04/02/02	1.1D	0.12	0.070	<0.019	<0.012	<0.014	<0.015	<0.013	<0.018	<0.017	0.15	0.12	<0.014	0.49	<0.028	0.95 D	0.17	0.15
	10/28/02	0.059	<0.023	<0.020	<0.019	<0.012	<0.014	<0.015	<0.013	<0.018	<0.017	0.052 Q	<0.021	<0.014	<0.027	<0.028	0.032 Q	<0.019	0.11
	06/16/03	0.036 Q	<0.019	0.063 Q	<0.012	<0.014	<0.013	<0.016	<0.019	<0.014	<0.016	0.15	<0.017	<0.021	<0.018	<0.017	0.035 Q	<0.016	0.27
	11/20/03	34 D	0.25	0.46	<0.013	<0.015	<0.014	<0.017	<0.020	<0.015	<0.017	0.43	0.056 Q	<0.022	14 D	0.13	5.0 Q,D	0.069	0.39
	07/20/04	0.15	<0.018	<0.019	<0.011	<0.013	<0.012	<0.015	<0.018	<0.013	<0.015	<0.012	<0.016	<0.020	0.032Q	<0.016	0.037 Q	<0.015	<0.016
Dup(QC-1)	07/20/04	0.16	<0.018	<0.019	<0.011	<0.013	<0.012	<0.015	<0.018	<0.013	<0.015	<0.012	<0.016	<0.020	0.018Q	<0.016	<0.023	<0.015	<0.016
	04/12/05	0.40	0.021Q	<0.018	<0.020	<0.018	<0.018	<0.021	<0.019	<0.016	<0.022	<0.016	<0.022	<0.017	0.18	<0.023	0.58 D	<0.020	<0.016
	10/03/05	1.6 D	0.044	0.014 Q	<0.016	<0.018	<0.016 Z	<0.019	<0.019 Z	<0.019	<0.019	<0.015	0.023 Q	<0.019	0.72 D	0.034 Q	1.2 D	0.019 Q	<0.015
	04/11/06	1.4 D	0.048	0.013 Q	<0.016	<0.018	<0.016 Z	<0.019	<0.019 Z	<0.019	<0.019	<0.015	0.024 Q	<0.019	0.86 D	0.029 Q	0.75 D	0.020 Q	<0.015

Table 4. Groundwater Analytical Results - Polynuclear Aromatic Hydrocarbons (PAHs)

Wisconsin Public Service - Former Stevens Point Manufactured Gas Plant Site

1111 Crosby Avenue, Stevens Point, Wisconsin

USEPA WIN000509983 / BRRTS # 02-50-000079 / FID # 750081200

Location	Date	POLYNUCLEAR AROMATIC HYDROCARBONS (µg/L)																	
		Acenaphthene	**Acenaphthylene**	**Anthracene**	**Benz(a) anthracene**	**Benzo(a)pyrene**	**Benzo(b) fluoranthene**	**Benzo(ghi) perylene**	**Benzo(k) fluoranthene**	**Chrysene**	**Dibenz(a,h) anthracene**	**Fluoranthene**	**Fluorene**	**Indeno(1,2,3-cd) pyrene**	**1-Methyl-naphthalene**	**2-Methyl-naphthalene**	**Naphthalene**	**Phenanthrene**	**Pyrene**
		NR 140 Groundwater Quality Standards (µg/L)																	
NR 140 PAL		ns	ns	*600*	ns	*0.02*	*0.02*	ns	ns	*0.02*	ns	*80*	*80*	ns	ns	ns	*8*	ns	*50*
NR 140 ES		ns	ns	**3,000**	ns	**0.2**	**0.2**	ns	ns	**0.2**	ns	**400**	**400**	ns	ns	ns	**40**	ns	**250**
OW-10	09/04/97	nd	nd	0.84	1.0	**0.62**	**0.24**	0.46	0.24	**0.51**	nd	2.8	1.2	0.40	nd	nd	0.89	3.7	1.6
	06/23/99	6.6	6.1	0.28	0.51	**0.5**	**0.24**	0.51	0.27	**0.37**	<0.16	1.8	0.45	0.31	11	5.2	**130**	0.71	1.6
	02/01/00	10	4.0	1.0	<0.11	**3.9**	**2.9**	1.0	0.69	**2.0**	<0.068	5.9	2.8	1.1	9.2	<0.072	**75**	2.7	4.6
	05/31/00	1.2	0.37	0.17	0.28	**0.28**	*0.11*	0.21	0.18	**0.35**	<0.068	0.79	0.27	0.24	0.78	<0.072	4.1	0.44	0.65
	08/31/00	32	6.9	1.2	3.3	**1.7**	**5.9**	1.1	1.9	**1.9**	<0.068	4.4	4.6	1.2	26	<0.072	0.22	3.1	4.1
	11/21/00	14	2.0	0.64	1.6	**0.83**	**0.46**	0.3	0.18	**0.59**	<0.068	1.7	4.7	0.39	7.2	<0.072	*15*	1.7	1.5
Dup (OW-98)	11/21/00	13	2.0	0.69	0.7	<0.013	**0.45**	0.28	0.19	**0.58**	0.07	2.5	2.7	0.28	6.8	<0.072	*17*	1.3	2
	04/02/02	3.5	0.73 Q	0.94 Q	3.0	**2.9**	**1.8**	1.5	2.3	**2.7**	0.49 Q	5.5	0.61 Q	1.3	0.80 Q	<0.56	1.4 Q	3.0	4.7
Dup (OW-99)	04/02/02	1.8	0.38 Q	0.50 Q	1.4	**1.3**	**0.88**	0.65	1.1	**1.2**	0.22 Q	2.6	0.23 Q	0.60	0.51 Q	<0.22	1.3	1.4	2.2
	10/28/02	4.7	<0.46	<0.40	<0.38	<0.24	<0.28	<0.30	<0.26	<0.36	<0.34	<0.56	<0.42	<0.28	<0.54	<0.56	<0.54	<0.38	<0.40
	06/16/03	0.43Q	0.59 Q	0.56 Q	2.7	**2.4**	**2.1**	1.4	2.0	**2.5**	0.48 Q	3.9	<0.34	1.30	<0.36	<0.34	<0.48	1.4	4.3
	11/20/03	2.1	<0.38	<0.40	1.3	**1.2**	**1.0**	0.68 Q	1.1 Q	**1.3**	<0.32	2.7	<0.34	0.59 Q	0.47 Q	<0.34	0.51 Q	1.2	2.0
Dup (QC-2)	11/20/03	2.6	0.42 Q	0.47 Q	1.5	**1.5**	**1.3**	0.84 Q	1.3	**1.5**	<0.32	3.0	<0.34	0.75 Q	0.41 Q	<0.34	<0.48	1.2	2.4
	04/12/05	20QD	7.1	<0.35	<0.39	<0.36	<0.36	<0.41	<0.39	<0.33	<0.44	<0.33	4.0	<0.34	30QD	3.3	**340 D**	<0.41	<0.33
	04/11/06	2.4	0.37 Q	<0.23	<0.31	<0.37	<0.31 Z	<0.39	<0.39 Z	<0.38	<0.38	<0.31	0.50 Q	<0.38	2.8	0.35 Q	*19 D*	<0.23	<0.29
PZ-10B	09/04/97	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
	06/23/99	<0.22	<0.55	<0.018	<0.017	<0.027	<0.043	<0.1	<0.029	<0.013	<0.16	<0.1	<0.029	<0.083	<0.4	<0.6	<0.22	<0.014	<0.047
	02/01/00	<0.12	<0.14	<0.019	<0.11	<0.012	<0.052	<0.069	<0.11	<0.056	<0.064	<0.062	<0.11	<0.076	<0.077	<0.068	0.16	<0.043	<0.030
	05/31/00	<0.13	<0.15	<0.02	<0.11	<0.013	<0.055	<0.074	<0.11	<0.059	<0.068	<0.066	<0.11	<0.08	<0.082	<0.072	0.13	<0.045	<0.032
	08/31/00	<0.14	<0.16	<0.021	0.23	<0.014	<0.057	<0.077	<0.12	**0.21**	<0.071	<0.069	<0.12	<0.086	<0.084	<0.075	<0.058	<0.048	<0.034
	11/21/00	<0.19	<0.21	<0.028	<0.16	<0.019	<0.077	<0.1	<0.16	<0.084	<0.096	<0.093	<0.16	<0.11	<0.12	<0.1	0.21	<0.064	<0.045
	04/02/02	0.26	<0.023	<0.020	0.034 Q	*0.033 Q*	*0.037 Q*	0.029 Q	0.031 Q	*0.040 Q*	<0.017	0.087 Q	<0.021	0.024 Q	0.039 Q	<0.028	0.24	0.048 Q	0.070
Dup (OW-97)	04/02/02	0.23	<0.046	<0.040	0.039 Q	*0.045 Q*	*0.047 Q*	0.039 Q	0.036 Q	*0.053 Q*	<0.034	0.11 Q	<0.042	0.029 Q	0.11 Q	<0.056	0.61	0.084 Q	0.093 Q
	10/28/02	0.021 Q	<0.023	<0.020	<0.019	0.017 Q	*0.020 Q*	0.018 Q	0.013 Q	<0.018	<0.017	0.032 Q	<0.021	<0.014	<0.027	<0.028	0.080 Q	0.027 Q	0.027 Q
	06/16/03	0.046 Q	<0.019	<0.020	<0.012	<0.014	<0.013	<0.016	<0.019	<0.014	<0.016	0.019 Q	<0.017	<0.021	0.034 Q	0.022 Q	0.072 Q	0.038 Q	0.019 Q
	11/20/03	<0.018	<0.019	<0.020	0.015 Q	0.019 Q	*0.021 Q*	0.016 Q	<0.019	**0.22 Q**	<0.016	0.037 Q	<0.017	<0.021	<0.018	<0.017	0.042 Q	0.024 Q	0.028 Q
	04/12/05	0.033Q	<0.019	<0.018	<0.020	<0.018	<0.018	<0.021	<0.019	<0.016	<0.022	0.018Q	<0.022	<0.017	<0.020	<0.023	0.040 Q	<0.020	<0.016
	04/11/06	<0.0083	<0.0083	<0.012	<0.016	<0.019	<0.016 Z	<0.020	<0.020 Z	<0.019	<0.019	0.020 Q	<0.0092	<0.019	<0.010	0.013 Q	0.045	<0.012	0.016 Q

Table 4. Groundwater Analytical Results - Polynuclear Aromatic Hydrocarbons (PAHs)

Wisconsin Public Service - Former Stevens Point Manufactured Gas Plant Site

1111 Crosby Avenue, Stevens Point, Wisconsin

USEPA WIN000509983 / BRRTS # 02-50-000079 / FID # 750081200

		POLYNUCLEAR AROMATIC HYDROCARBONS (µg/L)																	
Location	**Date**	**Acenaphthene**	**Acenaphthylene**	**Anthracene**	**Benz(a) anthracene**	**Benzo(a)pyrene**	**Benzo(b) fluoranthene**	**Benzo(ghi) perylene**	**Benzo(k) fluoranthene**	**Chrysene**	**Dibenz(a,h) anthracene**	**Fluoranthene**	**Fluorene**	**Indeno(1,2,3-cd) pyrene**	**1-Methyl-naphthalene**	**2-Methyl-naphthalene**	**Naphthalene**	**Phenanthrene**	**Pyrene**
		NR 140 Groundwater Quality Standards (µg/L)																	
NR 140 PAL		ns	ns	*600*	ns	*0.02*	*0.02*	ns	ns	*0.02*	ns	*80*	*80*	ns	ns	ns	*8*	ns	*50*
NR 140 ES		ns	ns	**3,000**	ns	**0.2**	**0.2**	ns	ns	**0.2**	ns	**400**	**400**	ns	ns	ns	**40**	ns	**250**
OW-11	02/01/00	<0.13	<0.15	<0.020	<0.11	<0.013	<0.055	<0.074	<0.11	<0.059	<0.068	<0.066	<0.11	<0.080	<0.082	<0.072	<0.056	<0.045	<0.032
	05/31/00	6.3	<0.15	0.4	0.29	0.013	<0.055	<0.074	<0.11	**0.20**	<0.068	0.95	1.7	<0.08	0.6	0.22	1.70	0.45	0.95
	08/31/00	3.4	<0.16	0.25	0.7	**0.21**	**0.48**	0.33	<0.12	**0.43**	<0.070	1.0	<0.12	0.55	<0.084	<0.074	0.22	0.33	0.96
Dup (OW-98)	08/31/00	3.1	<0.15	0.27	0.9	<0.013	<0.055	<0.074	<0.11	**0.49**	<0.068	1.1	0.51	0.50	0.27	<0.072	0.38	0.41	1.20
	11/21/00	3.3	<0.15	0.13	<0.11	<0.013	**0.29**	0.17	<0.11	*0.16*	<0.068	0.42	0.48	0.27	0.32	<0.072	0.36	0.13	0.41
Dup (OW-99)	11/21/00	3.2	<0.15	0.11	0.15	<0.013	*0.14*	0.11	<0.11	*0.13*	<0.069	0.35	0.68	<0.081	0.39	<0.072	0.09	<0.046	0.35
	04/02/02	4.2	<0.34	<0.30	<0.28	<0.18	<0.21	<0.23	<0.20	<0.27	<0.26	<0.42	0.90 Q	<0.21	<0.40	<0.42	<0.40	<0.28	<0.30
	10/28/02	1.9	<0.11	<0.100	0.096	*0.093 Q*	*0.095 Q*	<0.075	0.077 Q	*0.092 Q*	<0.085	0.21 Q	0.52	<0.070	<0.14	<0.14	<0.14	<0.095	0.24 Q
	06/16/03	4.3 D	0.14	0.059 Q	0.075	*0.071*	*0.058*	0.045 Q	0.060 Q	*0.060*	<0.016	0.17	1.2 D	0.041 Q	0.060	0.024 Q	0.061 Q	0.053	0.22
	11/20/03	2.6	<0.19	<0.20	<0.12	<0.14	<0.13	<0.16	<0.19	<0.14	<0.16	<0.13	0.63	<0.21	0.36 Q	<0.17	<0.24	<0.16	<0.17
	07/20/04	2.5D	0.072	0.027Q	<0.011	<0.013	<0.012	<0.015	<0.018	<0.013	<0.015	0.054	0.85D	<0.020	0.022Q	<0.016	<0.023	<0.015	0.068
	04/11/05	1.3D	0.043Q	0.025Q	<0.020	<0.018	<0.018	<0.021	<0.019	<0.016	<0.022	0.044Q	0.19	<0.017	0.023Q	<0.023	0.024Q	<0.020	0.068
	04/11/06	2.0	0.078 Q	<0.058	<0.079	<0.093	<0.079 Z	<0.097	<0.098 Z	<0.096	<0.095	<0.078	0.47	<0.095	0.14 Q	<0.057	1.1	<0.057	<0.073
PZ-11B	02/01/00	6.6	<0.14	0.40	<0.11	<0.012	<0.052	<0.069	<0.11	<0.056	<0.064	0.17	<0.11	<0.076	<0.077	<0.068	<0.053	0.16	0.29
	05/31/00	30	6.2	0.12	<0.11	<0.013	<0.055	<0.074	<0.11	<0.059	<0.068	<0.066	4.7	<0.08	30	11	**174**	0.50	0.12
	08/31/00	54	<0.15	0.44	<0.11	<0.013	<0.055	<0.074	<0.11	<0.059	<0.068	<0.066	11	<0.080	52	25	**344**	4.00	<0.032
	11/21/00	17	<0.15	0.11	<0.11	<0.013	<0.055	<0.074	<0.11	<0.059	<0.068	<0.066	3.3	<0.080	14	6.4	*38*	1.5	<0.032
	04/02/02	46 Q,D	3.7	0.69 Q	<0.38	<0.24	<0.28	<0.30	<0.26	<0.36	<0.34	<0.56	7.3	<0.28	44 Q,D	<28 D	**290 D**	7.3	<0.40
	10/28/02	68 D	2.0 Q	<1.6	<1.5	<0.96	<1.1	<1.2	<1.0	<1.4	<1.4	<2.2	8.5	<1.1	55 D	5.2 Q	*34*	7.9	<1.6
	06/16/03	20 D	<1.9 D	0.16	<0.012	<0.014	<0.013	<0.016	<0.019	<0.014	<0.016	0.032 Q	<1.7 D	<0.021	0.23	0.058	0.31	0.19	0.061
	11/20/03	23	<0.95	<1.0	<0.60	<0.70	<0.65	<0.80	<0.95	<0.70	<0.80	<0.65	2.1 Q	<1.0	16	<0.85	*20*	<0.80	<0.85
	07/20/04	0.018Q	<0.018	<0.019	<0.011	<0.013	<0.012	<0.015	<0.018	<0.013	<0.015	<0.012	<0.016	<0.020	<0.017	<0.016	<0.023	<0.015	<0.016
	04/11/05	0.034Q	<0.019	<0.018	<0.020	<0.018	<0.018	<0.021	<0.019	<0.016	<0.022	<0.016	<0.022	<0.017	<0.020	<0.023	<0.022	<0.020	<0.016
	10/03/05	0.023 Q	0.0096 Q	<0.012	<0.016	<0.018	<0.016 Z	<0.019	<0.019 Z	<0.019	<0.019	<0.015	0.0091 Q	<0.019	0.019 Q	<0.011	0.14 Q	0.015 Q	<0.015
	04/11/06	<0.0082	<0.0082	<0.012	<0.016	<0.019	<0.016 Z	<0.019	<0.020 Z	<0.019	<0.019	<0.016	<0.0091	<0.019	<0.010	<0.011	0.026 Q	0.013 Q	<0.015

Table 4. Groundwater Analytical Results - Polynuclear Aromatic Hydrocarbons (PAHs)

Wisconsin Public Service - Former Stevens Point Manufactured Gas Plant Site

1111 Crosby Avenue, Stevens Point, Wisconsin

USEPA WIN000509983 / BRRTS # 02-50-000079 / FID # 750081200

Location	Date	POLYNUCLEAR AROMATIC HYDROCARBONS (µg/L)																	
		Acenaphthene	Acenaphthylene	Anthracene	Benz(a) anthracene	Benzo(a)pyrene	Benzo(b) fluoranthene	Benzo(ghi) perylene	Benzo(k) fluoranthene	Chrysene	Dibenz(a,h) anthracene	Fluoranthene	Fluorene	Indeno(1,2,3-cd) pyrene	1-Methyl-naphthalene	2-Methyl-naphthalene	Naphthalene	Phenanthrene	Pyrene
		NR 140 Groundwater Quality Standards (µg/L)																	
NR 140 PAL		ns	ns	*600*	ns	*0.02*	*0.02*	ns	ns	*0.02*	ns	*80*	*80*	ns	ns	ns	*8*	ns	*50*
NR 140 ES		ns	ns	**3,000**	ns	**0.2**	**0.2**	ns	ns	**0.2**	ns	**400**	**400**	ns	ns	ns	**40**	ns	**250**
OW-12	10/12/2004^{D}	23 D	0.36	<1.8 D	0.046 Q	*0.030 Q*	*0.025 Q*	<0.021	0.022 Q	*0.039 Q*	<0.022	2.3 D,Q	13 D	<0.017	4.1 D,Q	0.094 B	2.5 D,Q	19 D	<1.6 D
	01/25/05	24	<2.0	2.7Q	<2.0	<1.8	<1.8	<2.1	<2.0	<1.7	<2.2	2.1Q	8.5	<1.7	19	7.7Q	**79D**	15	<1.7
	04/12/05	20	<1.9	5.0Q	<2.0	<1.8	<1.8	<2.1	<1.9	<1.6	<2.2	2.0Q	7.2Q	<1.7	6.6Q	<2.3	3.8 Q	12	<1.6
	07/11/05	16	<0.41	1.6 Q	<0.78	<0.92	<0.78 Z	<0.96	<0.97 Z	<0.95	<0.94	1.3 Q	4.7	<0.94	7.5	<0.56	2.1	6.2	0.82 Q
	10/03/05	14	<0.41	1.7 Q	<0.78	<0.92	<0.78 Z	<0.96	<0.97 Z	<0.95	<0.94	2.3 Q	6.6	<0.94	4.5	<0.56	*13*	13	1.5 Q
	01/05/06	21 D	0.46	4.1 D	0.18	*0.16*	*0.15 Z*	0.10	<1.9 ZD	*0.14*	0.020 Q	2.7 QD	8.8 D	0.084	9.3 D	1.5 QD	*27 D*	17 D	2.0 QD
	04/11/06	<0.0082	0.022 Q	<0.012	0.026 Q	*0.023 Q*	0.017 QZ	<0.019	0.020 QZ	*0.023 Q*	<0.019	0.042 Q	<0.0091	<0.019	<0.010	<0.011	0.013 Q	0.012 Q	0.037 Q
Dup (QC02)	04/11/06	<0.0082	0.017 Q	<0.012	0.038 Q	*0.031 Q*	*0.021 QZ*	<0.019	0.027 QZ	*0.034 Q*	<0.019	0.064	<0.0091	<0.019	<0.010	<0.011	<0.012	0.014 Q	0.054
PZ-12B	10/12/04	26 D	6.7 D,Q	0.21	<0.020	<0.018	<0.018	<0.021	<0.019	<0.016	<0.022	0.047 Q	<5.4 D	<0.017	36 D	<5.7 D	**160 D**	<5.1 D	0.041 Q
	01/25/05	160D	42	7.6	<2.0	<1.8	<1.8	<2.1	<1.9	<1.6	<2.2	<1.6	35	<1.7	160QD	14	**830 D**	47	<1.6
	04/12/05	39	5.3 Q	1.9 Q	<2.0	<1.8	<1.8	<2.1	<1.9	<1.6	<2.2	<1.6	5.5 Q	<1.7	24	<2.3	*8.3*	7	<1.6
	07/11/05	91 D	14	7.2	<1.6	<1.8	<1.6 Z	<1.9	<1.9 Z	<1.9	<1.9	<1.5	15	<1.9	88 D	14	*21*	28	<1.5
	10/03/05	0.016 Q	0.038	0.024 Q	0.066	*0.064*	*0.057 Z*	0.051 Q	0.044 QZ	*0.065*	<0.019	0.13	<0.0091	0.039 Q	0.016 Q	<0.011	0.12 Q	0.069	0.18
	01/05/06	0.28	0.033	0.012 Q	<0.016	0.019 Q	*0.024 QZ*	0.021 Q	<0.020 Z	<0.019	<0.019	0.045 Q	0.055	<0.019	0.098	0.030 Q	0.58 D	0.041	0.046 Q
	04/11/06	9.9 D	0.22	1.2 QD	<0.016	<0.018	<0.016 Z	<0.019	<0.019 Z	<0.019	<0.019	1.3 QD	6.0 D	<0.019	1.8 D	0.29	0.74 QD	5.1 D	0.94 E
PZ-13B	10/12/04	<0.019	<0.019	<0.018	0.032 Q	*0.026 Q*	*0.021 Q*	<0.021	0.020 Q	*0.026 Q*	<0.022	0.045 Q	<0.022	<0.017	0.033 B,Q	<0.023	0.099 B	0.022 Q	0.046 Q
	01/25/05	0.028Q	<0.020	<0.018	<0.020	<0.018	<0.018	<0.021	<0.019	0.018 Q	<0.022	0.031Q	<0.022	<0.017	0.059Q	0.045Q	0.44B	0.029Q	0.027Q
	04/11/05	0.055Q	<0.019	<0.018	0.025Q	*0.029Q*	*0.039Q*	0.026Q	0.029Q	*0.035 Q*	<0.022	0.058	<0.022	0.021Q	<0.020	<0.023	<0.022	0.046Q	0.055
	10/03/05	0.040	<0.0081	<0.012	<0.016	<0.018	<0.016 Z	<0.019	<0.019 Z	<0.019	<0.019	<0.015	0.010 Q	<0.019	0.015 Q	0.022 Q	0.067 Q	0.012 Q	<0.015
	04/11/06	<0.0082	<0.0081	<0.012	<0.016	<0.018	<0.016 Z	<0.019	<0.019 Z	<0.019	<0.019	0.029 Q	<0.0091	<0.019	<0.010	<0.011	<0.012	0.014 Q	0.023 Q

[O-?, U-EPK/PAR 5/05][U-PAR/RLH 8/05][U-EPK/PAR 6/06]

Notes:

1) Concentrations that attain/exceed an NR 140 Preventive Action Limit (PAL) are shown *underlined/italicized.*

2) Concentrations that attain/exceed an NR 140 Enforcement Standard (ES) are shown **bold/underlined.**

<1.9 : Parameter not detected above the limit of detection indicated.

*** :** Laboratory note - Duplicate analyses not within control limits.

& : Laboratory note - Laboratory Control Spike recovery not within control limits.

B : Laboratory note - Analyte present in the method blank.

D : Laboratory note - Analyte value from diluted analysis, or surrogate result not applicable due to sample dilution. The may put the LOD above the NR 140 Standards.

E : Laboratory note - Analyte concentration exceed calibration range.

Q : Laboratory note - The analyte was detected between the limit of detection (LOD) and limit of quantitation (LOQ). Results qualified due to the uncertainty of values in this range.

Z : Laboratory note - The analyte was separated in the check standard, but it did not meet the resolution criteria as set forth in SW846.

nd : Not detected

ns : NR 140 groundwater standards have not been established.

-- : Analysis not performed

Dup (OW-98) : Field duplicate sample with field identity in parentheses.

µg/L : Micrograms per liter.

mg/L : Milligrams per liter.

Table 5. Groundwater Analytical Results - Laboratory and Field RNA Parameters

Wisconsin Public Service - Former Stevens Point Manufactured Gas Plant Site

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USEPA WIN000509983 / BRRTS # 02-50-000079 / FID # 750081200

		Natural Attenuation Monitoring Parameters									
		Laboratory Analytical Parameters					Field Measurement Parameters				
Location	Date	Nitrate + Nitrite (mg/L)[2]	Sulfate (mg/L)	Iron, Dissolved (mg/L)	Methane (µg/L)	Alkalinity (mg/L)	pH (s.u.)	Temperature (ºC)	Conductivity (Ohms/cm)	Dissolved Oxygen (mg/L)	Oxidation / Reduction Potential (mV)
NR 140 Wisconsin Groundwater Quality Standards											
NR 140 PAL		*2*	*125*	*0.15*	ns	ns	ns	ns	ns	ns	ns
NR 140 ES		**10**	**250**	**0.3**	ns	ns	ns	ns	ns	ns	ns
OW-1	06/23/99	--	--	--	--	--	7.90	20.94	0.047	1.32	179
	05/31/00	--	--	--	--	--	6.24	15.25	0.000	4.48	300
	08/31/00	--	--	--	--	--	Instrument malfunction, measurements were not collected				
	04/02/02	--	--	--	--	--	6.94	9.13	0.002	4.81	499
	10/28/02	--	--	--	--	--	6.85	13.26	0.732	5.93	350
	06/16/03	--	--	--	--	--	--	9.58	0.478	1.35	100
	04/11/05	<0.061	<0.83	**30**	150	230	6.84	9.57	1.17	0.47	237
	04/11/06	0.25 Q	*240*	**20**	260	260	6.32	10.03	1.121	0.48	-125
OW-2	06/23/99	--	--	--	--	--	8.49	15.07	0.33	1.96	146
	05/31/00	--	--	--	--	--	6.70	11.87	0.148	3.67	212
	08/31/00	--	--	--	--	--	Instrument malfunction, measurements were not collected				
	04/02/02	0.031 Q	9.4	**12**	7,400	--	7.37	6.53	0.412	1.4	316
	10/28/02	0.39 H	2.5 Q	**17**	5,300	--	7.14	15.62	0.294	3.29	332
	06/16/03	<0.047 A	19	**9.4**	4,100	--	--	11.64	0.214	1.51	91
	11/20/03	0.055 Q	3.5 Q	**14**	4,300	--	--	--	--	--	--
	04/11/05	<0.061	2.4Q	**11**	6,200	120	6.77	5.82	0.56	0.28	148
	04/11/06	<0.11	3.7	**11**	3,800	100	6.76	8.31	0.522	0.21	119
OW-3R	02/01/00	<0.069	4.3	**28**	3,420	176	Instrument malfunction, measurements were not collected				
	05/31/00	<0.069	**866**	**9.5**	3,320	264	7.24	11.11	4.674	2.46	146
	08/31/00	<0.069	**626**	**61**	976	244	6.89	15.89	3.176	1.35	204
	11/21/00	<0.069	9.1	**48**	2,080	137	6.47	13.04	0.582	2.8	174
	04/02/02	0.057	**910**	**4.4**	350	--	7.13	6.98	3.183	3.4	291
	10/28/02	0.14 H	*200*	**31**	750	--	6.93	13.47	1.263	2.4	303
	06/16/03	0.42 A	**270**	**3.6**	150	--	--	12.85	1.15	1.58	105
	11/20/03	0.060 Q	**380**	**63**	1,400	--	--	--	--	--	--
	04/11/05	<0.061	**320**	**33**	950	450	6.90	7.76	4.76	0.40	227
	04/11/06	<0.11	**250**	**16**	260	490	6.79	8.47	0.616	0.24	93

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Wisconsin Public Service - Former Stevens Point Manufactured Gas Plant Site

1111 Crosby Avenue, Stevens Point, Wisconsin

USEPA WIN000509983 / BRRTS # 02-50-000079 / FID # 750081200

		Natural Attenuation Monitoring Parameters									
		Laboratory Analytical Parameters					Field Measurement Parameters				
Location	**Date**	**Nitrate + Nitrite (mg/L)[2]**	**Sulfate (mg/L)**	**Iron, Dissolved (mg/L)**	**Methane (µg/L)**	**Alkalinity (mg/L)**	**pH (s.u.)**	**Temperature (ºC)**	**Conductivity (Ohms/cm)**	**Dissolved Oxygen (mg/L)**	**Oxidation / Reduction Potential (mV)**
		NR 140 Wisconsin Groundwater Quality Standards									
NR 140 PAL		*2*	*125*	*0.15*	ns	ns	ns	ns	ns	ns	ns
NR 140 ES		**10**	**250**	**0.3**	ns	ns	ns	ns	ns	ns	ns
PZ-3B	07/09/96	--	--	--	--	--	--	12	0.378	4.95	335
	09/03/97	0.23	6.2	**6.4**	--	--	7.21	16.95	0.172	4.95	335
	06/23/99	na	na	**2.34**	--	--	7.59	15.12	0.17	3.48	214
	02/01/00	<0.069	<0.26	**6**	--	63	Instrument malfunction, measurements were not collected				
	05/31/00	<0.069	<0.38	**10**	--	70	7.16	12.02	0.162	3.08	198
	08/31/00	<0.069	<0.38	**4.0**	2,200	61	7.28	15.89	0.246	1.83	151
	04/02/02	0.017 Q,A	3.3 A	**7.2**	1,400	--	7.41	8.27	0.171	3.19	246
	10/28/02	<0.022 H	<1.1	**9.1**	1,400	--	7.45	15.04	0.131	2.8	265
	06/16/03	<0.047 A	<1.1	**8.5**	410	--	--	9.86	0.089	2.16	90
dup (QC-01)	06/16/03	0.53	**370**	**2.7**	270	--	--	--	--	--	--
	11/20/03	0.048 Q	<1.1	**7.7**	1,400	--	--	--	--	--	--
	04/11/05	0.12 Q	<0.83	**5.8**	190	78	7.09	9.53	0.19	2.60	267
	04/11/06	0.26 Q	9.9	<0.050	14	45	6.41	8.98	0.181	0.38	-50
dup (QC01)	04/11/06	0.27 Q	2.9	<0.050	<10	49	--	--	--	--	--
OW-4	06/23/99	0.07	15	**15**	--	64	8.86	13.95	0.203	1.39	106
	02/01/00	0.069	<0.26	**6.8**	--	63	Instrument malfunction, measurements were not collected				
	05/31/00	<0.069	<0.38	**9.9**	--	64	6.85	10.57	0.3	1.59	143
	08/31/00	<0.069	<0.38	**12**	--	54	6.78	15.62	0.287	1.02	222
	11/21/00	<0.069	<0.38	**12**	--	65	6.84	11.32	0.26	5.15	169
	04/02/02	0.029 Q,A	8.9	**5.1**	--	--	7.32	6.53	0.317	3.39	269
	10/28/02	<0.022 H	2.7 Q	**15**	--	--	7.36	12.99	0.38	3.69	314
	06/16/03	<0.047 A	2.6 Q	**5.6**	--	--	--	10.32	0.111	0.36	82
	11/20/03	0.052 Q	<1.1	**11**	--	--	--	--	--	--	--
	04/11/05	<0.061	1.6 Q	**18**	2,800	140	6.96	7.51	0.50	0.39	259
Dup (QC-1)	04/11/05	<0.061N	1.5 Q	**19**	2,700	100	--	--	--	--	--
	04/11/06	<0.11	2.3 Q	**22**	2,300	110	6.84	8.26	2.54	0.24	117
OW-5A	08/16/96	--	--	*0.17*	--	--	--	--	--	--	--
	09/04/97	0.069	6.7	**14**	--	--	5.73	15.85	0.687	2.66	189

Table 5. Groundwater Analytical Results - Laboratory and Field RNA Parameters

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		Natural Attenuation Monitoring Parameters									
		Laboratory Analytical Parameters					Field Measurement Parameters				
Location	**Date**	**Nitrate + Nitrite (mg/L)[2]**	**Sulfate (mg/L)**	**Iron, Dissolved (mg/L)**	**Methane (µg/L)**	**Alkalinity (mg/L)**	**pH (s.u.)**	**Temperature (°C)**	**Conductivity (Ohms/cm)**	**Dissolved Oxygen (mg/L)**	**Oxidation / Reduction Potential (mV)**
NR 140 Wisconsin Groundwater Quality Standards											
NR 140 PAL		*2*	*125*	*0.15*	ns	ns	ns	ns	ns	ns	ns
NR 140 ES		**10**	**250**	**0.3**	ns	ns	ns	ns	ns	ns	ns
OW-5R	02/01/00	<0.069	**2,220**	**154**	293	388	Instrument malfunction, measurements were not collected				
	05/31/00	<0.069	**2,030**	**49**	153	346	6.66	10.78	3.811	1.91	164
	08/31/00	<0.069	**2,070**	**52**	264	352	6.65	17.12	3.972	4.66	270
	11/21/00	0.13	**989**	**69**	349	357	6.50	11.21	3.811	2.84	201
	04/02/02	0.044 Q,A	**1,400**	**32**	150	--	7.30	6.56	2.754	3.67	194
	10/28/02	0.38 H	**940**	**16**	120	--	7.35	13.34	1.100	0.77	373
	06/16/03	1.8	**270**	0.024	11	--	--	10.07	0.639	2.22	102
	11/20/03	<0.047	**770**	**33**	420	--	--	--	--	--	--
	04/20/04	0.30	**420**	**8.7**	42	320	6.86	8.41	1.297	1.74	-76
	07/20/04	0.94	**470**	**8.4**	45	360	7.23	14.11	1.520	0.67	11
	10/12/04	<0.063	**480**	**34**	690	300	7.40	13.15	1.550	0.59	213
dup (QC-1)	10/12/04	<0.063	**450**	**37**	1,500	320	--	--	--	--	--
	01/25/05	<0.063	**310**	**27**	1,100	300	7.98	9.23	0.392	1.22	139.3
dup (QC-1)	01/25/05	0.065Q	**690**	**26**	700	300	7.98	9.23	0.392	1.22	139.3
	04/11/05	<0.061	**410**	**30**	190	360	6.82	10.21	0.36	0.32	269
	07/11/05	<0.061	**340**	**23**	34	350	7.68	14.06	1.41	2.06	75
	10/03/05	<0.061	**400**	**11**	49	350	7.48	18.25	1.39	1.10	-8
	01/05/06	0.083 Q	**380**	**20**	55	300	7.11	6.70	1.40	1.25	283
	04/11/06	<0.11	**250**	**22**	97	350	6.57	8.06	1.311	1.06	-153

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		Natural Attenuation Monitoring Parameters									
		Laboratory Analytical Parameters					Field Measurement Parameters				
Location	**Date**	**Nitrate + Nitrite (mg/L)[2]**	**Sulfate (mg/L)**	**Iron, Dissolved (mg/L)**	**Methane (µg/L)**	**Alkalinity (mg/L)**	**pH (s.u.)**	**Temperature (°C)**	**Conductivity (Ohms/cm)**	**Dissolved Oxygen (mg/L)**	**Oxidation / Reduction Potential (mV)**
NR 140 Wisconsin Groundwater Quality Standards											
NR 140 PAL		*2*	*125*	*0.15*	ns	ns	ns	ns	ns	ns	ns
NR 140 ES		**10**	**250**	**0.3**	ns	ns	ns	ns	ns	ns	ns
P-5B	09/04/97	0.022	6.2	**2.2**	--	--	6.7	14.95	0.26	3.36	139
	06/23/99	0.07	5.4	**2.3**	1,200	100	8.95	12.92	0.199	2.43	84
dup (OW-99)	06/23/99	0.089	13	**2.9**	410	120	--	--	--	--	--
	02/01/00	<0.069	8.3	**1.9**	1,140	107	Instrument malfunction, measurements were not collected				
	05/31/00	<0.069	0.8	0.032	62	118	7.27	11.18	0.282	2.98	107
dup (MW-98)	05/31/00	<0.069	<0.32	0.041	214	115	7.27	11.18	0.282	2.98	107
	08/31/00	<0.069	1.9	**2.7**	1,430	119	7.28	15.05	0.306	1.84	175
	11/21/00	<0.069	2.2	**1.2**	1,210	121	7.00	12.33	0.329	3.80	174
	04/02/02	<0.014	12	**1.1**	780	--	7.65	8.23	0.345	3.81	168
	10/28/02	<0.022 H	<1.1	**4.1**	610	--	7.81	13.46	0.235	0.28	367
	06/16/03	<0.047 A	13	**2.9**	290	--	--	9.18	0.187	1.28	104
	11/20/03	<0.047	<1.1	**4.7**	750	--	--	--	--	--	--
	04/20/04	<0.063	0.71 Q	**2.5**	380	150	6.98	9.60	0.355	1.60	-83
dup (QC-1)	04/20/04	<0.063	0.73 Q	**2.5**	630	150	--	--	--	--	--
	07/20/04	<0.063	1.3	**3.5**	460	150	6.91	12.68	0.370	0.83	180
	10/12/04	<0.063	0.77 Q	**3.3**	640	140	7.64	10.08	0.370	2.58	245
	01/25/05	<0.063	0.69Q	**6.4**	800	150	7.92	8.97	0.370	1.81	132.4
	04/11/05	<0.061	<0.83	**1.5**	160	150	6.94	6.89	1.23	0.75	94
	07/11/05	<0.061	<0.83	**3.6**	250	140	7.53	11.52	0.37	0.77	79
	10/03/05	<0.061	<0.83	3.5 E	560	140	6.55	13.90	0.35	0.30	-389
	01/05/06	0.080 Q	1.8 Q	**0.88**	270	140	7.10	8.93	0.35	0.40	83
	04/11/06	<0.11	1.9 Q	**1.7**	230	140	6.74	10.07	0.361	0.22	84

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		Natural Attenuation Monitoring Parameters									
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Location	Date	Nitrate + Nitrite (mg/L)[2]	Sulfate (mg/L)	Iron, Dissolved (mg/L)	Methane (µg/L)	Alkalinity (mg/L)	pH (s.u.)	Temperature (ºC)	Conductivity (Ohms/cm)	Dissolved Oxygen (mg/L)	Oxidation / Reduction Potential (mV)
NR 140 Wisconsin Groundwater Quality Standards											
NR 140 PAL		*2*	*125*	*0.15*	ns	ns	ns	ns	ns	ns	ns
NR 140 ES		**10**	**250**	**0.3**	ns	ns	ns	ns	ns	ns	ns
OW-6	06/23/99	--	--	--	--	--	8.82	13.12	0.522	2.14	94
	05/31/00	--	--	--	--	--	6.21	12.04	0.239	3.4	281
	08/31/00	--	--	--	--	--	6.83	14.34	1.034	3.6	196
	11/21/00	--	--	--	--	--	6.49	12.00	0.337	5.73	199
	04/02/02	--	--	--	--	--	7.28	6.47	0.380	4.58	234
	10/28/02	--	--	--	--	--	7.05	13.41	0.484	4.19	290
	06/16/03	--	--	--	--	--	--	9.19	0.171	1.78	120
	07/20/04	<0.063	3.7	**9.3**	2,000	130	7.49	11.68	0.353	0.41	-2
	04/11/05	<0.061	4.9	**12**	4,900	110	6.66	7.44	0.001	0.38	119
	10/03/05	<0.061	11	**4.1**	1,600	350	6.96	16.93	0.88	0.34	-329
	04/11/06	<0.11	6.2	**11**	6,800	95	5.98	7.40	0.494	0.33	-126
OW-7	09/03/97	0.066	1.5	**10**	--	--	6.44	16.52	0.175	2.43	140
	04/20/04	Abandoned April 1998. Well was not replaced.									
OW-7A	06/23/99	0.2	18	**19**	6,500	180	8.85	12.53	0.66	1.27	104
	02/01/00	0.071	<0.26	**8.7**	12,000	94	Instrument malfunction, measurements were not collected				
	05/31/00	<0.069	<0.38	**5.3**	8,300	106	6.55	10.54	0.343	2.72	178
	08/31/00	<0.069	<0.38	**14**	7,140	223	6.81	7.35	1.081	8.65	192
	11/21/00	<0.069	<0.38	**8.4**	8,820	127	6.47	10.81	0.44	4.53	193
	04/02/02	0.026 Q,A	5.4 A	**6.4**	7,800	--	7.21	6.57	0.391	2.96	226
	10/28/02	<0.022 H	<1.1	**20**	5,200	--	7.14	13.96	0.507	4.92	385
	06/16/03	<0.047 A	3.0 Q	**4.3**	2,600	--	--	8.82	0.278	1.05	110
	11/20/03	0.060 Q	<1.1	**12**	5,700	--	--	--	--	--	--
	04/20/04	<0.063	2.3	**8.4**	3,200	94	6.72	7.17	0.487	2.75	-119
	07/20/04	<0.063	0.67Q	**20**	3,500	250	7.33	13.03	0.973	0.46	20
	10/12/04	<0.063	3.5	**25**	6,400	210	7.42	14.64	0.910	1.13	195
	01/25/05	<0.063	0.96 Q	**12**	4,900	130	8.07	9.28	1.447	1.21	92.0
	04/11/05	<0.061	1.3Q	**8.3**	6,100	110	6.67	7.77	0.54	0.26	113
	07/11/05	<0.061	<0.83	**16.0**	5,400	150	7.64	14.69	0.25	0.73	70
	10/03/05	<0.061	<0.83	**26**	7,100	210	6.18	17.49	1.26	0.44	-319
dup (QC-01)	10/03/05	<0.061	<0.83	**27**	3,400	210	--	--	--	--	--
	01/05/06	<0.061	1.9 QN	**13**	4,900	130	6.68	8.82	0.61	0.78	237
	04/11/06	<0.11	2.2 Q	**8.2**	7,100	100	6.40	7.29	0.507	0.70	-157

Table 5. Groundwater Analytical Results - Laboratory and Field RNA Parameters

Wisconsin Public Service - Former Stevens Point Manufactured Gas Plant Site

1111 Crosby Avenue, Stevens Point, Wisconsin

USEPA WIN000509983 / BRRTS # 02-50-000079 / FID # 750081200

		Natural Attenuation Monitoring Parameters									
		Laboratory Analytical Parameters					Field Measurement Parameters				
Location	**Date**	**Nitrate + Nitrite (mg/L)[2]**	**Sulfate (mg/L)**	**Iron, Dissolved (mg/L)**	**Methane (µg/L)**	**Alkalinity (mg/L)**	**pH (s.u.)**	**Temperature (°C)**	**Conductivity (Ohms/cm)**	**Dissolved Oxygen (mg/L)**	**Oxidation / Reduction Potential (mV)**
		NR 140 Wisconsin Groundwater Quality Standards									
NR 140 PAL		*2*	*125*	*0.15*	ns	ns	ns	ns	ns	ns	ns
NR 140 ES		**10**	**250**	**0.3**	ns	ns	ns	ns	ns	ns	ns
PZ-7B	07/09/96	--	--	--	--	--	--	13	0.278	--	--
	09/03/97	0.051	14	**4.3**	--	--	6.88	16.9	0.235	2.83	190
	06/23/99	0.17	11	*0.22*	1,600	130	8.85	11.69	0.177	1.97	113
	02/01/00	<0.069	<0.26	*0.16*	1,530	113	Instrument malfunction, measurements were not collected				
	05/31/00	<0.069	<0.38	0.065	1,520	125	7.19	10.6	0.207	3.2	189
	08/31/00	<0.069	<0.38	0.064	1,820	116	7.35	9.8	0.298	5.28	172
	11/21/00	<0.069	2.6	0.091	1,250	120	6.91	12.89	0.23	4.18	173
	04/02/02	<0.014 *	3.3 A	**0.63**	960	--	7.66	7.23	0.241	3.92	189
	10/28/02	<0.022 H	<1.1	**1.5**	850	--	7.35	14.80	0.150	4.64	281
	06/16/03	<0.047 A	<1.1	**1.7**	710	--	--	8.56	0.132	1.11	112
Dup (QC-02)	06/16/03	<0.047	<1.1	**1.3**	--	--	--	--	--	--	--
	11/20/03	<0.047	<1.1	**2**	1,000	--	--	--	--	--	--
	04/20/04	<0.063	0.72 Q	**2**	1,000	99	7.25	9.63	0.227	1.29	-109
	07/20/04	<0.063	<0.37	**2.9**	1,100	97	7.05	11.79	0.236	2.73	188
	10/12/04	<0.063	53	**3.1**	1,500	47	7.58	12.30	0.240	0.55	222
	01/25/05	<0.063	<0.36	**2.2**	980	120	8.05	9.70	0.229	2.00	86.7
	04/11/05	<0.061	<0.83	**1.6**	1,500	110	6.92	10.96	0.25	0.37	337
	07/11/05	<0.061	<0.83	**3**	1,200	100	7.61	12.59	0.25	0.81	54
Dup(QC-1)	07/11/05	<0.061	<0.83	**3.1**	1,400	100	--	--	--	--	--
	10/03/05	<0.061	<0.83	**3**	1900	96	7.31	16.57	0.26	0.54	-83
	01/05/06	<0.061	<0.83	**3**	1200	95	7.33	10.01	0.25	0.40	63
dup (QC-01)	01/05/06	<0.061	<0.83	**3**	2100	96 Q	--	--	--	--	--
	04/11/06	<0.11	<0.77	**2**	830	94	6.53	9.19	0.251	0.17	99

Table 5. Groundwater Analytical Results - Laboratory and Field RNA Parameters

Wisconsin Public Service - Former Stevens Point Manufactured Gas Plant Site

1111 Crosby Avenue, Stevens Point, Wisconsin

USEPA WIN000509983 / BRRTS # 02-50-000079 / FID # 750081200

		Natural Attenuation Monitoring Parameters									
		Laboratory Analytical Parameters					Field Measurement Parameters				
Location	Date	Nitrate + Nitrite (mg/L)[2]	Sulfate (mg/L)	Iron, Dissolved (mg/L)	Methane (µg/L)	Alkalinity (mg/L)	pH (s.u.)	Temperature (ºC)	Conductivity (Ohms/cm)	Dissolved Oxygen (mg/L)	Oxidation / Reduction Potential (mV)
NR 140 Wisconsin Groundwater Quality Standards											
NR 140 PAL		*2*	*125*	*0.15*	ns	ns	ns	ns	ns	ns	ns
NR 140 ES		**10**	**250**	**0.3**	ns	ns	ns	ns	ns	ns	ns
OW-8	09/03/97	0.12	6.6	**31**	--	--	6.37	15.17	0.237	1.45	129
	06/23/99	0.33	4.9	**29**	--	56	8.8	14.85	0.26	2.48	116
	02/01/00	<0.069	<0.26	**15**	--	85	Instrument malfunction, measurements were not collected				
	05/31/00	<0.069	0.52	**20**	--	107	6.92	11.82	0.395	2.2	141
	08/31/00	<0.069	5.8	**28**	--	101	6.87	14.31	0.465	3.52	159
	11/21/00	<0.069	0.51	**19**	--	95	6.84	12.89	0.294	8.73	166
	04/02/02	0.028 Q,A	4.4 A	**11**	--	--	7.48	7.29	0.225	3.42	212
	10/28/02	<0.022 H	<1.1	**23**	--	--	6.97	14.19	0.277	2.40	266
	06/16/03	<0.047 A	<1.1	**14**	--	--	--	12.21	0.118	1.52	67
	11/20/03	0.050 Q	<1.1	**35**	--	--	--	--	--	--	--
	04/11/05	<0.061	<0.83	**24**	2,300	70	6.63	7.47	0.32	0.62	236
	04/11/06	<0.11	<0.77	**40**	2,900	58	6.23	8.50	0.227	0.46	-169
OW-9	06/23/99	0.62	42	**21**	--	140	8.59	11.01	0.517	0.64	125
dup (OW-98)	06/23/99	0.71	42	**19**	--	160	--	--	--	--	--
	02/01/00	0.079	6.1	**14**	--	127	Instrument malfunction, measurements were not collected				
	05/31/00	<0.069	68	**23**	--	197	6.62	11.01	0.775	2.53	143
	08/31/00	<0.069	73	**28**	--	107	7.04	13.98	0.562	3.41	201
dup (OW-99)	08/31/00	<0.069	71	**30**	--	128	--	--	--	--	--
	11/21/00	<0.069	75	**24**	--	163	6.49	13.39	0.811	2.31	208
	04/02/02	0.043 Q,A	**250**	**14**	--	--	7.62	10.07	1.005	3.82	258
dup (OW-98)	04/02/02	0.026 Q	*220*	**12**	--	--	--	--	--	--	--
	10/28/02	<0.022 H	**270**	**20**	--	--	6.95	13.13	0.680	3.45	201
	06/16/03	0.34 A	*200*	**16**	--	--	--	9.59	0.589	0.58	124
	11/20/03	0.048 Q	*230*	**13**	--	--	--	--	--	--	--
dup (QC-1)	11/20/03	<0.047	*240*	**13**	--	--	--	--	--	--	--
	07/20/04	<0.063	**250**	**12**	750	210	7.29	11.80	1.111	0.66	34
	04/12/05	<0.061	2.2 Q	**8.8**	1,900	210	6.81	9.76	0.63	0.80	153
	10/03/05	<0.061	15	**11**	3,300	230	6.24	15.05	0.67	0.28	-372
	04/11/06	<0.11	15	**10**	2,100	250	6.56	10.17	0.793	0.14	68

Table 5. Groundwater Analytical Results - Laboratory and Field RNA Parameters

Wisconsin Public Service - Former Stevens Point Manufactured Gas Plant Site

1111 Crosby Avenue, Stevens Point, Wisconsin

USEPA WIN000509983 / BRRTS # 02-50-000079 / FID # 750081200

		Natural Attenuation Monitoring Parameters									
		Laboratory Analytical Parameters					Field Measurement Parameters				
Location	Date	Nitrate + Nitrite (mg/L)^2	Sulfate (mg/L)	Iron, Dissolved (mg/L)	Methane (µg/L)	Alkalinity (mg/L)	pH (s.u.)	Temperature (ºC)	Conductivity (Ohms/cm)	Dissolved Oxygen (mg/L)	Oxidation / Reduction Potential (mV)
NR 140 Wisconsin Groundwater Quality Standards											
NR 140 PAL		*2*	*125*	*0.15*	ns	ns	ns	ns	ns	ns	ns
NR 140 ES		**10**	**250**	**0.3**	ns	ns	ns	ns	ns	ns	ns
PZ-9B	06/23/99	<0.017	10	<0.024	--	110	7.78	12.07	0.424	3.55	181
	02/01/00	<0.069	10	0.12	--	108	Instrument malfunction, measurements were not collected				
	05/31/00	<0.069	9.4	0.041	--	107	7.45	11.41	0.533	5.48	179
	08/31/00	<0.069	7.6	**1.0**	86	106	6.62	12.80	0.717	2.38	206
	11/21/00	<0.069	4.9	0.12	--	111	7.50	12.89	0.559	11.2	402
	04/02/02	<0.014	12	0.13	40	--	7.54	9.92	0.577	4.65	225
	10/28/02	<0.022 H	19	<61	<10	--	7.00	13.59	0.381	3.26	267
	06/16/03	<0.047 A	18	0.10	13	--	--	10.18	0.328	0.81	131
	11/20/03	<0.047	--	*0.20*	120	--	--	--	--	--	--
	07/20/04	<0.063	9.1	**0.8**	<10	110	6.91	13.46	0.532	2.73	356
Dup(QC-1)	07/20/04	<0.063	9.0	**0.65**	<10	110	--	--	--	--	--
	04/12/05	0.12Q	11	**3.3**	<10	120	7.20	9.45	0.55	7.77	451
	10/03/05	0.066 Q	11	**3.4**	<10	110	7.28	15.15	0.57	4.08	33
	04/11/06	<0.11	11	**3.2**	18	110	7.18	10.76	0.577	4.64	5
OW-10	06/23/99	0.35	73	**0.34**	--	880	8.45	11.53	0.659	1.94	133
	02/01/00	0.099	2.2	**5.5**	--	988	Instrument malfunction, measurements were not collected				
	05/31/00	<0.069	32	**0.89**	--	1030	7.07	11.05	6.251	3.02	178
	08/31/00	<0.069	31	**1.9**	--	704	7.11	13.61	6.588	0.91	155
	11/21/00	<0.069	11	**0.88**	--	921	6.91	13.39	6.220	2.50	150
dup (OW-98)	11/21/00	0.099	10	**4.5**	--	912	--	--	--	--	--
	04/02/02	0.16	16	**1.2**	--	--	7.52	8.88	7.364	5.01	296
dup (OW-99)	04/02/02	0.12	18	**11**	--	--	--	--	--	--	--
	10/28/02	0.041 H, Q	51	**1.5**	--	--	6.95	13.26	1.412	1.98	275
	06/16/03	0.14 Q,A	*210*	<0.018	--	--	--	10.39	3.390	1.24	52
	11/20/03	0.061 Q	9.5	**44**	--	--	--	--	--	--	--
dup (QC-2)	11/20/03	<0.047	10	**45**	--	--	--	--	--	--	--
	04/12/05	<0.061	16	**13**	2,000	670	7.20	8.44	6.82	0.22	67
	04/11/06	<0.11	4.4	**17**	3,200	890	6.76	8.99	9.13	0.51	101

Table 5. Groundwater Analytical Results - Laboratory and Field RNA Parameters

Wisconsin Public Service - Former Stevens Point Manufactured Gas Plant Site

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USEPA WIN000509983 / BRRTS # 02-50-000079 / FID # 750081200

		Natural Attenuation Monitoring Parameters									
		Laboratory Analytical Parameters					Field Measurement Parameters				
Location	**Date**	**Nitrate + Nitrite (mg/L)^2**	**Sulfate (mg/L)**	**Iron, Dissolved (mg/L)**	**Methane (µg/L)**	**Alkalinity (mg/L)**	**pH (s.u.)**	**Temperature (°C)**	**Conductivity (Ohms/cm)**	**Dissolved Oxygen (mg/L)**	**Oxidation / Reduction Potential (mV)**
		NR 140 Wisconsin Groundwater Quality Standards									
NR 140 PAL		*2*	*125*	*0.15*	ns	ns	ns	ns	ns	ns	ns
NR 140 ES		**10**	**250**	**0.3**	ns	ns	ns	ns	ns	ns	ns
PZ-10B	06/23/99	0.34	54	0.082	--	180	7.25	11.9	0.405	1.76	215
	02/01/00	--	--	<0.0089	--	--	Instrument malfunction, measurements were not collected				
	05/31/00	<0.069	20	*0.2*	--	84	7.59	10.86	0.357	5.04	246
	08/31/00	<0.069	18	0.066	--	118	7.83	11.55	0.375	8.47	172
	11/21/00	0.097	15	<0.015	--	123	7.21	12.36	0.368	7.26	155
	04/02/02	0.096	28	0.047 Q	--	--	8.54	11.13	0.391	3.62	224
dup (OW-97)	04/02/02	0.13	20	**81**	--	--	--	--	--	--	--
	10/28/02	0.12 H	18	<0.061	--	--	7.40	14.04	0.302	7.72	--
	06/16/03	0.12 Q,A	16	*0.29*	--	--	--	11.69	0.213	2.89	89
	11/20/03	0.16	16	0.11	--	--	--	--	--	--	--
	04/12/05	0.11Q	15	<0.017	<10	150	7.17	9.17	0.42	8.27	4.61
	04/11/06	0.17 Q	16	<0.050	<10	120	7.62	10.32	0.442	0.49	-18
OW-11	02/01/00	<0.069	<0.26	**7.9**	975	74	Instrument malfunction, measurements were not collected				
	05/31/00	<0.069	1.2	**16**	591	120	6.86	9.21	0.654	1.72	149
	08/31/00	<0.069	15	**30**	1,550	94	6.92	16.37	0.368	1.81	197
dup (OW-98)	08/31/00	<0.069	16	**25**	1,460	99	--	--	--	--	--
	11/21/00	<0.069	3.4	**17**	1,040	99	6.76	14.18	0.542	2.10	146
dup (OW-99)	11/21/00	<0.069	4.1	**13**	1,580	98	--	--	--	--	--
	04/02/02	0.043 Q	5.0	**12**	610	--	7.47	6.98	0.597	3.25	164
	10/28/02	0.10 H	7.2	**14**	360	--	6.92	16.59	0.489	2.31	2.68
	06/16/03	<0.047	5.7	**16**	820	--	--	9.73	0.373	1.18	84
	11/20/03	<0.047	<1.1	**22**	1,200	--	--	--	--	--	--
	07/20/04	0.38	16	**18**	410	150	6.80	14.13	0.858	1.29	163
	04/11/05	<0.061	4.1	**34**	420	170	6.98	7.77	1.12	0.52	77
	04/11/06	<0.11	5.0	**26**	670	110	6.50	8.72	1.275	0.32	74

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		Natural Attenuation Monitoring Parameters									
		Laboratory Analytical Parameters					Field Measurement Parameters				
Location	Date	Nitrate + Nitrite (mg/L)[2]	Sulfate (mg/L)	Iron, Dissolved (mg/L)	Methane (µg/L)	Alkalinity (mg/L)	pH (s.u.)	Temperature (ºC)	Conductivity (Ohms/cm)	Dissolved Oxygen (mg/L)	Oxidation / Reduction Potential (mV)
NR 140 Wisconsin Groundwater Quality Standards											
NR 140 PAL		*2*	*125*	*0.15*	ns	ns	ns	ns	ns	ns	ns
NR 140 ES		**10**	**250**	**0.3**	ns	ns	ns	ns	ns	ns	ns
PZ-11B	02/01/00	0.094	0.81	*0.22*	243	116	Instrument malfunction, measurements were not collected				
	05/31/00	<0.069	<0.38	**0.3**	141	145	7.38	10.84	0.286	4.46	205
	08/31/00*	<0.069	**5,920**	**3.0**	4,250	<5.8	7.56	17.20	0.318	3.64	165
	11/21/00	<0.069	3.4	**2.6**	1,980	155	7.10	14.71	0.300	5.44	128
	04/02/02	0.044 Q	5.1 A	**1.5**	5,500	--	7.55	9.20	0.339	3.34	195
	10/28/02	0.041 H, Q	5.8	*0.27*	970	--	7.07	15.74	0.214	3.19	251
	06/16/03	<0.047	3.8	**1.3**	490	--	--	10.85	0.156	1.59	72
	11/20/03	<0.047	5.4	**4.0**	590	--	--	--	--	--	--
	07/20/04	0.091Q	7.8	<0.017	<10	150	7.76	17.25	0.332	3.22	48
	04/11/05	0.11Q	7.9	<0.017	<10	160	6.86	7.28	0.33	6.41	352
	10/03/05	0.17 Q	8.3	0.054	<10	140	7.15	16.51	0.34	3.87	278
	04/11/06	0.17 Q	--	<0.050	<10	--	7.47	8.98	0.353	0.82	4
OW-12	10/12/04	<0.063	6.6	**11**	1,300	180	7.50	15.51	0.860	0.48	219
	01/25/05	<0.063	2.5	**15**	2,200	170	7.51	10.34	0.730	2.13	139.7
	04/12/05	<0.061	3.1	**28**	1,600	97 N	6.97	8.27	1.68	1.14	56
	07/11/05	<0.061	3.4	**17**	1,300	170 N	6.8	13.71	1.54	1.47	91
	10/03/05	<0.061	<0.83	**19**	1,700	150	7.27	20.13	0.70	0.61	-13
	01/05/06	0.070 Q	4.4	**23**	1,800	150	6.72	11.18	1.46	0.52	251
	04/11/06	0.20 Q	7.0	<0.050	<10	39	6.37	10.14	1.64	4.04	114
PZ-12B	10/12/04	<0.063	6.2	**0.33**	330	110	8.00	13.62	0.31	0.36	139
	01/25/05	<0.063	<0.36	**0.51**	930	140	7.78	10.96	0.358	---	125.6
	04/12/05	<0.061	1.8Q	*0.49*	120	150	7.08	10.56	0.36	1.09	400
	07/11/05	<0.061	0.86 Q	*0.71*	550	150	6.95	13.34	0.36	1.57	94
	10/03/05	0.24	1.6 Q	0.009 Q	<10	27	6.46	15.7	0.07	0.26	-403
	01/05/06	0.42	3.5	0.041	<10	14 Q	7.50	10.89	0.09	4.83	140
	04/11/06	<0.11	10	**16**	590	140	6.46	8.85	3.01	0.49	-147

Table 5. Groundwater Analytical Results - Laboratory and Field RNA Parameters

Wisconsin Public Service - Former Stevens Point Manufactured Gas Plant Site

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USEPA WIN000509983 / BRRTS # 02-50-000079 / FID # 750081200

		Natural Attenuation Monitoring Parameters									
		Laboratory Analytical Parameters					Field Measurement Parameters				
Location	Date	Nitrate + Nitrite (mg/L)^{2}	Sulfate (mg/L)	Iron, Dissolved (mg/L)	Methane (µg/L)	Alkalinity (mg/L)	pH (s.u.)	Temperature (°C)	Conductivity (Ohms/cm)	Dissolved Oxygen (mg/L)	Oxidation / Reduction Potential (mV)
NR 140 Wisconsin Groundwater Quality Standards											
NR 140 PAL		*2*	*125*	*0.15*	ns	ns	ns	ns	ns	ns	ns
NR 140 ES		**10**	**250**	**0.3**	ns	ns	ns	ns	ns	ns	ns
PZ-13B	10/12/04	<0.063	13	0.093	<10	100	7.85	15.37	0.320	0.57	237
	01/25/05	<0.063	13	0.053Q	<10	110	7.95	9.23	0.378	1.01	173.2
	04/11/05	<0.061	13	0.11	<10	190	7.26	10.35	0.26	0.39	155
	10/03/05	<0.061	13	*0.21*	36	180	7.47	18.18	0.56	0.88	-96
	04/11/06	<0.11	17	<0.050	<10	170 N	6.91	8.21	0.569	1.21	157

[U-EPK/JTB 1/05][U-EPK/PAR 5/05][U-PAR/RLH 8/05][U-RTB/PAR 6/06]

Notes:

1) Concentrations that attain/exceed an NR 140 Preventive Action Limit (PAL) are shown *underlined/italicized.*

2) Concentrations that attain/exceed an NR 140 Enforcement Standard (ES) are shown **bold/underlined.**

3) Field parameters values (measured pre and post-purge) conform to WDNR guidelines. When ORP/DO conflicted, the post-purge values of both were used.

4) Wells were sampled with micro-purge pump and low-flow system on 4/20/04. Field parameters collected when the measurements stabilized.

5) Wells were sampled with peristaltic pump and low -flow system on 7/20/04, 10/12/04, 1/25/05 and 4/11-12/05. Field parameters collected when the measurements stabilized.

-- : Analysis not performed or field measurement not collected.

*** :** Laboratory note - Duplicate analysis not within control limits.

-- : pH readings for 6/16/03 removed due to meter malfunction and artificially high results.

µg/L : Micrograms per liter.

mg/L : Milligrams per liter.

°C : Degrees Celsius.

s.u. : Standard units.

A : Laboratory note - Analyte detected in method blank.

H : Laboratory note - Nitrate analysis for 10/28/02 samples performed 23 days past holding time.

Q : Laboratory note -Analyte detected between the limit of detection (LOD) and limit of quantitation (LOQ). Results qualified due to the uncertainty of values in this range.

N : Laboratory note - Spiked sample recovery not within control limits.

Ohms/cm : Ohms per centimeter.

mV : Millivolts.

APPENDIX E

GROUNDWATER LABORATORY REPORTS
(JANUARY 2005 THROUGH APRIL 2006)

EN CHEM

A Division of Pace Analytical Services, Inc.

1241 Bellevue Street, Suite 9
Green Bay, WI 54302
920-469-2436, Fax: 920-469-8827

Analytical Report Number: 855626

Client: NATURAL RESOURCE TECHNOLOGY

Lab Contact: Tom Trainor

Project Name: WPSC - STEVENS POINT

Project Number: 1177

Lab Sample Number	Field ID	Matrix	Collection Date
855626-001	OW-5R	GW	01/25/05
855626-002	P-5B	GW	01/25/05
855626-003	PZ-7B	GW	01/25/05
855626-004	OW-7A	GW	01/25/05
855626-005	PZ-13	GW	01/25/05
855626-006	OW-12	GW	01/25/05
855626-007	PZ-12B	GW	01/25/05
855626-008	QC-1	GW	01/25/05
855626-009	TRIP BLANK	WATER	01/25/05

I certify that the data contained in this Final Report has been generated and reviewed in accordance with approved methods and Laboratory Standard Operating Procedure. Exceptions, if any, are discussed in the accompanying sample comments. Release of this final report is authorized by Laboratory management, as is verified by the following signature. This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, Inc. The sample results relate only to the analytes of interest tested.

Tom Trainor

Approval Signature

2/8/05

Date

En Chem

A Division of Pace Analytical Services, Inc.

Analytical Report Number: 855626

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : NATURAL RESOURCE TECHNOLOGY
Project Name : WPSC - STEVENS POINT
Project Number : 1177
Field ID : OW-5R

Matrix Type : GROUNDWATER
Collection Date : 01/25/05
Report Date : 02/07/05
Lab Sample Number : 855626-001

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Iron - Dissolved	27000	17	55		1	ug/L		02/02/05	SW846 6010B	SW846 6010B
Alkalinity as CaCO3	300	8.3	28		1	mg/L		01/28/05	EPA 310.2	EPA 310.2
Nitrogen, NO3 + NO2	< 0.063	0.063	0.21		1	mg/L		01/28/05	EPA 353.2	EPA 353.2
Sulfate	310	3.6	12		10	mg/L		01/27/05	EPA 300.0	EPA 300.0

BTEX

Prep Date: 01/31/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Benzene	77	0.14	0.46		1	ug/L		01/31/05	SW846 5030B	SW846 M8021
Ethylbenzene	54	0.40	1.3		1	ug/L		01/31/05	SW846 5030B	SW846 M8021
Toluene	3.8	0.36	1.2		1	ug/L		01/31/05	SW846 5030B	SW846 M8021
Xylene, o	22	0.36	1.2		1	ug/L		01/31/05	SW846 5030B	SW846 M8021
Xylenes, m + p	24	0.74	2.5		1	ug/L		01/31/05	SW846 5030B	SW846 M8021
a,a,a-Trifluorotoluene	101				1	%Recov		01/31/05	SW846 5030B	SW846 M8021

METHANE

Prep Date: 02/04/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methane	1100			50	5	ug/L		02/04/05	SW846 M8015	SW846 M8015

PAH/ PNA

Prep Date: 01/28/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1-Methylnaphthalene	77	16	53		800	ug/L	D	02/01/05	SW846 3510C	8270C-SIM
2-Methylnaphthalene	2.6	2.3	7.6		100	ug/L	Q	01/28/05	SW846 3510C	8270C-SIM
Acenaphthene	68	16	52		800	ug/L	D	02/01/05	SW846 3510C	8270C-SIM
Acenaphthylene	21	1.9	6.4		100	ug/L		01/28/05	SW846 3510C	8270C-SIM
Anthracene	22	1.8	5.9		100	ug/L		01/28/05	SW846 3510C	8270C-SIM
Benzo(a)anthracene	18	2.0	6.5		100	ug/L		01/28/05	SW846 3510C	8270C-SIM
Benzo(a)pyrene	18	1.8	6.0		100	ug/L		01/28/05	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	12	1.8	6.0		100	ug/L		01/28/05	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	7.6	2.1	6.9		100	ug/L		01/28/05	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	13	1.9	6.4		100	ug/L		01/28/05	SW846 3510C	8270C-SIM
Chrysene	15	1.6	5.5		100	ug/L		01/28/05	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	2.3	2.2	7.3		100	ug/L	Q	01/28/05	SW846 3510C	8270C-SIM
Fluoranthene	46	13	44		800	ug/L	D	02/01/05	SW846 3510C	8270C-SIM
Fluorene	22	2.2	7.3		100	ug/L		01/28/05	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	7.6	1.7	5.7		100	ug/L		01/28/05	SW846 3510C	8270C-SIM
Naphthalene	220	18	60		800	ug/L	D	02/01/05	SW846 3510C	8270C-SIM
Phenanthrene	48	16	54		800	ug/L	QD	02/01/05	SW846 3510C	8270C-SIM
Pyrene	29	1.6	5.4		100	ug/L		01/28/05	SW846 3510C	8270C-SIM
Nitrobenzene-d5	0				100	%Recov	D	01/28/05	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	0				100	%Recov	D	01/28/05	SW846 3510C	8270C-SIM
Terphenyl-d14	0				100	%Recov	D	01/28/05	SW846 3510C	8270C-SIM

En Chem

A Division of Pace Analytical Services, Inc.

Analytical Report Number: 855626

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : NATURAL RESOURCE TECHNOLOGY
Project Name : WPSC - STEVENS POINT
Project Number : 1177
Field ID : P-5B

Matrix Type : GROUNDWATER
Collection Date : 01/25/05
Report Date : 02/07/05
Lab Sample Number : 855626-002

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Iron - Dissolved	6400	17	55		1	ug/L		02/03/05	SW846 6010B	SW846 6010B
Alkalinity as CaCO3	150	8.3	28		1	mg/L		01/28/05	EPA 310.2	EPA 310.2
Nitrogen, NO3 + NO2	< 0.063	0.063	0.21		1	mg/L		01/28/05	EPA 353.2	EPA 353.2
Sulfate	0.69	0.36	1.2		1	mg/L	Q	01/27/05	EPA 300.0	EPA 300.0

BTEX

Prep Date: 01/31/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Benzene	13	3.4	11		25	ug/L	K	01/31/05	SW846 5030B	SW846 M8021
Ethylbenzene	57	10	33		25	ug/L	K	01/31/05	SW846 5030B	SW846 M8021
Toluene	< 8.9	8.9	30		25	ug/L	K	01/31/05	SW846 5030B	SW846 M8021
Xylene, o	54	9.0	30		25	ug/L	K	01/31/05	SW846 5030B	SW846 M8021
Xylenes, m + p	66	19	62		25	ug/L	K	01/31/05	SW846 5030B	SW846 M8021
a,a,a-Trifluorotoluene	103				1	%Recov		01/31/05	SW846 5030B	SW846 M8021

METHANE

Prep Date: 02/04/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methane	800			50	5	ug/L		02/04/05	SW846 M8015	SW846 M8015

PAH/ PNA

Prep Date: 01/28/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1-Methylnaphthalene	270	4.0	13		200	ug/L	E	01/28/05	SW846 3510C	8270C-SIM
2-Methylnaphthalene	140	4.5	15		200	ug/L	E	01/28/05	SW846 3510C	8270C-SIM
Acenaphthene	210	3.9	13		200	ug/L	E	01/28/05	SW846 3510C	8270C-SIM
Acenaphthylene	66	3.9	13		200	ug/L		01/28/05	SW846 3510C	8270C-SIM
Anthracene	18	3.5	12		200	ug/L		01/28/05	SW846 3510C	8270C-SIM
Benzo(a)anthracene	< 3.9	3.9	13		200	ug/L		01/28/05	SW846 3510C	8270C-SIM
Benzo(a)pyrene	< 3.6	3.6	12		200	ug/L		01/28/05	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	< 3.6	3.6	12		200	ug/L		01/28/05	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	< 4.1	4.1	14		200	ug/L		01/28/05	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	< 3.9	3.9	13		200	ug/L		01/28/05	SW846 3510C	8270C-SIM
Chrysene	< 3.3	3.3	11		200	ug/L		01/28/05	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	< 4.4	4.4	15		200	ug/L		01/28/05	SW846 3510C	8270C-SIM
Fluoranthene	10	3.3	11		200	ug/L	Q	01/28/05	SW846 3510C	8270C-SIM
Fluorene	100	4.4	15		200	ug/L	E	01/28/05	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	< 3.4	3.4	11		200	ug/L		01/28/05	SW846 3510C	8270C-SIM
Naphthalene	3300	450	1500		20000	ug/L	D	02/01/05	SW846 3510C	8270C-SIM
Phenanthrene	95	4.1	14		200	ug/L		01/28/05	SW846 3510C	8270C-SIM
Pyrene	5.6	3.3	11		200	ug/L	Q	01/28/05	SW846 3510C	8270C-SIM
Nitrobenzene-d5	0				200	%Recov	D	01/28/05	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	0				200	%Recov	D	01/28/05	SW846 3510C	8270C-SIM
Terphenyl-d14	0				200	%Recov	D	01/28/05	SW846 3510C	8270C-SIM

En Chem

A Division of Pace Analytical Services, Inc.

Analytical Report Number: 855626

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : NATURAL RESOURCE TECHNOLOGY
Project Name : WPSC - STEVENS POINT
Project Number : 1177
Field ID : PZ-7B

Matrix Type : GROUNDWATER
Collection Date : 01/25/05
Report Date : 02/07/05
Lab Sample Number : 855626-003

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Iron - Dissolved	2200	17	55		1	ug/L		02/03/05	SW846 6010B	SW846 6010B
Alkalinity as CaCO3	120	8.3	28		1	mg/L		01/28/05	EPA 310.2	EPA 310.2
Nitrogen, NO3 + NO2	< 0.063	0.063	0.21		1	mg/L		01/28/05	EPA 353.2	EPA 353.2
Sulfate	< 0.36	0.36	1.2		1	mg/L		01/27/05	EPA 300.0	EPA 300.0

BTEX

Prep Date: 01/31/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Benzene	< 2.8	2.8	9.2		20	ug/L	K	01/31/05	SW846 5030B	SW846 M8021
Ethylbenzene	70	8.0	27		20	ug/L	K	01/31/05	SW846 5030B	SW846 M8021
Toluene	< 7.1	7.1	24		20	ug/L	K	01/31/05	SW846 5030B	SW846 M8021
Xylene, o	71	7.2	24		20	ug/L	K	01/31/05	SW846 5030B	SW846 M8021
Xylenes, m + p	99	15	49		20	ug/L	K	01/31/05	SW846 5030B	SW846 M8021
a,a,a-Trifluorotoluene	101				1	%Recov		01/31/05	SW846 5030B	SW846 M8021

METHANE

Prep Date: 02/04/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methane	980			100	10	ug/L		02/04/05	SW846 M8015	SW846 M8015

PAH/ PNA

Prep Date: 01/28/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1-Methylnaphthalene	290	4.0	13		200	ug/L	E	01/28/05	SW846 3510C	8270C-SIM
2-Methylnaphthalene	390	4.5	15		200	ug/L	E	01/28/05	SW846 3510C	8270C-SIM
Acenaphthene	140	3.9	13		200	ug/L	E	01/28/05	SW846 3510C	8270C-SIM
Acenaphthylene	170	3.9	13		200	ug/L	E	01/28/05	SW846 3510C	8270C-SIM
Anthracene	15	3.5	12		200	ug/L		01/28/05	SW846 3510C	8270C-SIM
Benzo(a)anthracene	< 3.9	3.9	13		200	ug/L		01/28/05	SW846 3510C	8270C-SIM
Benzo(a)pyrene	< 3.6	3.6	12		200	ug/L		01/28/05	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	< 3.6	3.6	12		200	ug/L		01/28/05	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	< 4.1	4.1	14		200	ug/L		01/28/05	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	< 3.9	3.9	13		200	ug/L		01/28/05	SW846 3510C	8270C-SIM
Chrysene	< 3.3	3.3	11		200	ug/L		01/28/05	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	< 4.4	4.4	15		200	ug/L		01/28/05	SW846 3510C	8270C-SIM
Fluoranthene	4.4	3.3	11		200	ug/L	Q	01/28/05	SW846 3510C	8270C-SIM
Fluorene	55	4.4	15		200	ug/L		01/28/05	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	< 3.4	3.4	11		200	ug/L		01/28/05	SW846 3510C	8270C-SIM
Naphthalene	2800	360	1200		16000	ug/L	D	02/01/05	SW846 3510C	8270C-SIM
Phenanthrene	88	4.1	14		200	ug/L		01/28/05	SW846 3510C	8270C-SIM
Pyrene	6.3	3.3	11		200	ug/L	Q	01/28/05	SW846 3510C	8270C-SIM
Nitrobenzene-d5	0				200	%Recov	D	01/28/05	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	0				200	%Recov	D	01/28/05	SW846 3510C	8270C-SIM
Terphenyl-d14	0				200	%Recov	D	01/28/05	SW846 3510C	8270C-SIM

En Chem
A Division of Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 855626

Client : NATURAL RESOURCE TECHNOLOGY
Project Name : WPSC - STEVENS POINT
Project Number : 1177
Field ID : OW-7A

Matrix Type : GROUNDWATER
Collection Date : 01/25/05
Report Date : 02/07/05
Lab Sample Number : 855626-004

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Iron - Dissolved	12000	17	55		1	ug/L		02/03/05	SW846 6010B	SW846 6010B
Alkalinity as CaCO3	130	8.3	28		1	mg/L		01/28/05	EPA 310.2	EPA 310.2
Nitrogen, NO3 + NO2	< 0.063	0.063	0.21		1	mg/L		01/28/05	EPA 353.2	EPA 353.2
Sulfate	0.96	0.36	1.2		1	mg/L	Q	01/27/05	EPA 300.0	EPA 300.0

BTEX

Prep Date: 01/31/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Benzene	16	0.69	2.3		5	ug/L	K	01/31/05	SW846 5030B	SW846 M8021
Ethylbenzene	51	2.0	6.7		5	ug/L	K	01/31/05	SW846 5030B	SW846 M8021
Toluene	< 1.8	1.8	6.0		5	ug/L	K	01/31/05	SW846 5030B	SW846 M8021
Xylene, o	20	1.8	6.0		5	ug/L	K	01/31/05	SW846 5030B	SW846 M8021
Xylenes, m + p	36	3.7	12		5	ug/L	K	01/31/05	SW846 5030B	SW846 M8021
a,a,a-Trifluorotoluene	104				1	%Recov		01/31/05	SW846 5030B	SW846 M8021

METHANE

Prep Date: 02/04/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methane	4900			500	50	ug/L		02/04/05	SW846 M8015	SW846 M8015

PAH/ PNA

Prep Date: 01/28/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1-Methylnaphthalene	33	4.0	13		200	ug/L		01/28/05	SW846 3510C	8270C-SIM
2-Methylnaphthalene	31	4.5	15		200	ug/L		01/28/05	SW846 3510C	8270C-SIM
Acenaphthene	45	3.9	13		200	ug/L		01/28/05	SW846 3510C	8270C-SIM
Acenaphthylene	6.7	3.9	13		200	ug/L	Q	01/28/05	SW846 3510C	8270C-SIM
Anthracene	18	3.5	12		200	ug/L		01/28/05	SW846 3510C	8270C-SIM
Benzo(a)anthracene	9.9	3.9	13		200	ug/L	Q	01/28/05	SW846 3510C	8270C-SIM
Benzo(a)pyrene	9.8	3.6	12		200	ug/L	Q	01/28/05	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	5.0	3.6	12		200	ug/L	Q	01/28/05	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	5.9	4.1	14		200	ug/L	Q	01/28/05	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	5.4	3.9	13		200	ug/L	Q	01/28/05	SW846 3510C	8270C-SIM
Chrysene	10	3.3	11		200	ug/L	Q	01/28/05	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	< 4.4	4.4	15		200	ug/L		01/28/05	SW846 3510C	8270C-SIM
Fluoranthene	28	3.3	11		200	ug/L		01/28/05	SW846 3510C	8270C-SIM
Fluorene	24	4.4	15		200	ug/L		01/28/05	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	3.5	3.4	11		200	ug/L	Q	01/28/05	SW846 3510C	8270C-SIM
Naphthalene	400	22	75		1000	ug/L	D	02/01/05	SW846 3510C	8270C-SIM
Phenanthrene	56	4.1	14		200	ug/L		01/28/05	SW846 3510C	8270C-SIM
Pyrene	38	3.3	11		200	ug/L		01/28/05	SW846 3510C	8270C-SIM
Nitrobenzene-d5	0				200	%Recov	D	01/28/05	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	0				200	%Recov	D	01/28/05	SW846 3510C	8270C-SIM
Terphenyl-d14	0				200	%Recov	D	01/28/05	SW846 3510C	8270C-SIM

En Chem

A Division of Pace Analytical Services, Inc.

Analytical Report Number: 855626

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : NATURAL RESOURCE TECHNOLOGY
Project Name : WPSC - STEVENS POINT
Project Number : 1177
Field ID : PZ-13

Matrix Type : GROUNDWATER
Collection Date : 01/25/05
Report Date : 02/07/05
Lab Sample Number : 855626-005

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Iron - Dissolved	53	17	55		1	ug/L	Q	02/03/05	SW846 6010B	SW846 6010B
Alkalinity as CaCO3	110	8.3	28		1	mg/L		01/28/05	EPA 310.2	EPA 310.2
Nitrogen, NO3 + NO2	< 0.063	0.063	0.21		1	mg/L		01/28/05	EPA 353.2	EPA 353.2
Sulfate	13	0.36	1.2		1	mg/L		01/27/05	EPA 300.0	EPA 300.0

BTEX

Prep Date: 01/31/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Benzene	< 0.14	0.14	0.46		1	ug/L		01/31/05	SW846 5030B	SW846 M8021
Ethylbenzene	< 0.40	0.40	1.3		1	ug/L		01/31/05	SW846 5030B	SW846 M8021
Toluene	< 0.36	0.36	1.2		1	ug/L		01/31/05	SW846 5030B	SW846 M8021
Xylene, o	< 0.36	0.36	1.2		1	ug/L		01/31/05	SW846 5030B	SW846 M8021
Xylenes, m + p	< 0.74	0.74	2.5		1	ug/L		01/31/05	SW846 5030B	SW846 M8021
a,a,a-Trifluorotoluene	103				1	%Recov		01/31/05	SW846 5030B	SW846 M8021

METHANE

Prep Date: 02/04/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methane	< 10			10	1	ug/L		02/04/05	SW846 M8015	SW846 M8015

PAH/ PNA

Prep Date: 01/28/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1-Methylnaphthalene	0.059	0.020	0.067		1	ug/L	Q	01/28/05	SW846 3510C	8270C-SIM
2-Methylnaphthalene	0.045	0.023	0.076		1	ug/L	Q	01/28/05	SW846 3510C	8270C-SIM
Acenaphthene	0.028	0.020	0.065		1	ug/L	Q	01/28/05	SW846 3510C	8270C-SIM
Acenaphthylene	< 0.020	0.020	0.065		1	ug/L		01/28/05	SW846 3510C	8270C-SIM
Anthracene	< 0.018	0.018	0.059		1	ug/L		01/28/05	SW846 3510C	8270C-SIM
Benzo(a)anthracene	< 0.020	0.020	0.066		1	ug/L		01/28/05	SW846 3510C	8270C-SIM
Benzo(a)pyrene	< 0.018	0.018	0.061		1	ug/L		01/28/05	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	< 0.018	0.018	0.060		1	ug/L		01/28/05	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	< 0.021	0.021	0.069		1	ug/L		01/28/05	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	< 0.019	0.019	0.065		1	ug/L		01/28/05	SW846 3510C	8270C-SIM
Chrysene	0.018	0.017	0.055		1	ug/L	Q	01/28/05	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	< 0.022	0.022	0.074		1	ug/L		01/28/05	SW846 3510C	8270C-SIM
Fluoranthene	0.031	0.017	0.055		1	ug/L	Q	01/28/05	SW846 3510C	8270C-SIM
Fluorene	< 0.022	0.022	0.073		1	ug/L		01/28/05	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	< 0.017	0.017	0.057		1	ug/L		01/28/05	SW846 3510C	8270C-SIM
Naphthalene	0.44	0.023	0.075		1	ug/L	B	01/28/05	SW846 3510C	8270C-SIM
Phenanthrene	0.029	0.021	0.069		1	ug/L	Q	01/28/05	SW846 3510C	8270C-SIM
Pyrene	0.027	0.016	0.055		1	ug/L	Q	01/28/05	SW846 3510C	8270C-SIM
Nitrobenzene-d5	63				1	%Recov		01/28/05	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	49				1	%Recov		01/28/05	SW846 3510C	8270C-SIM
Terphenyl-d14	82				1	%Recov		01/28/05	SW846 3510C	8270C-SIM

En Chem

A Division of Pace Analytical Services, Inc.

Analytical Report Number: 855626

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : NATURAL RESOURCE TECHNOLOGY
Project Name : WPSC - STEVENS POINT
Project Number : 1177
Field ID : OW-12

Matrix Type : GROUNDWATER
Collection Date : 01/25/05
Report Date : 02/07/05
Lab Sample Number : 855626-006

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Iron - Dissolved	15000	17	55		1	ug/L		02/03/05	SW846 6010B	SW846 6010B
Alkalinity as CaCO3	170	8.3	28		1	mg/L		01/28/05	EPA 310.2	EPA 310.2
Nitrogen, NO3 + NO2	< 0.063	0.063	0.21		1	mg/L		01/28/05	EPA 353.2	EPA 353.2
Sulfate	2.5	0.36	1.2		1	mg/L		01/27/05	EPA 300.0	EPA 300.0

BTEX

Prep Date: 01/31/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Benzene	9.1	0.14	0.46		1	ug/L		01/31/05	SW846 5030B	SW846 M8021
Ethylbenzene	0.88	0.40	1.3		1	ug/L	Q	01/31/05	SW846 5030B	SW846 M8021
Toluene	< 0.36	0.36	1.2		1	ug/L		01/31/05	SW846 5030B	SW846 M8021
Xylene, o	2.3	0.36	1.2		1	ug/L		01/31/05	SW846 5030B	SW846 M8021
Xylenes, m + p	1.9	0.74	2.5		1	ug/L	Q	01/31/05	SW846 5030B	SW846 M8021
a,a,a-Trifluorotoluene	104				1	%Recov		01/31/05	SW846 5030B	SW846 M8021

METHANE

Prep Date: 02/04/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methane	2200			250	25	ug/L		02/04/05	SW846 M8015	SW846 M8015

PAH/ PNA

Prep Date: 01/28/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1-Methylnaphthalene	19	2.0	6.8		100	ug/L		01/28/05	SW846 3510C	8270C-SIM
2-Methylnaphthalene	7.7	2.3	7.7		100	ug/L	Q	01/28/05	SW846 3510C	8270C-SIM
Acenaphthene	24	2.0	6.6		100	ug/L		01/28/05	SW846 3510C	8270C-SIM
Acenaphthylene	< 2.0	2.0	6.6		100	ug/L		01/28/05	SW846 3510C	8270C-SIM
Anthracene	2.7	1.8	6.0		100	ug/L	Q	01/28/05	SW846 3510C	8270C-SIM
Benzo(a)anthracene	< 2.0	2.0	6.7		100	ug/L		01/28/05	SW846 3510C	8270C-SIM
Benzo(a)pyrene	< 1.8	1.8	6.2		100	ug/L		01/28/05	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	< 1.8	1.8	6.1		100	ug/L		01/28/05	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	< 2.1	2.1	7.0		100	ug/L		01/28/05	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	< 2.0	2.0	6.6		100	ug/L		01/28/05	SW846 3510C	8270C-SIM
Chrysene	< 1.7	1.7	5.6		100	ug/L		01/28/05	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	< 2.2	2.2	7.5		100	ug/L		01/28/05	SW846 3510C	8270C-SIM
Fluoranthene	2.1	1.7	5.6		100	ug/L	Q	01/28/05	SW846 3510C	8270C-SIM
Fluorene	8.5	2.2	7.4		100	ug/L		01/28/05	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	< 1.7	1.7	5.8		100	ug/L		01/28/05	SW846 3510C	8270C-SIM
Naphthalene	79	9.1	30		400	ug/L	D	02/01/05	SW846 3510C	8270C-SIM
Phenanthrene	15	2.1	6.9		100	ug/L		01/28/05	SW846 3510C	8270C-SIM
Pyrene	< 1.7	1.7	5.5		100	ug/L		01/28/05	SW846 3510C	8270C-SIM
Nitrobenzene-d5	0				100	%Recov	D	01/28/05	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	0				100	%Recov	D	01/28/05	SW846 3510C	8270C-SIM
Terphenyl-d14	0				100	%Recov	D	01/28/05	SW846 3510C	8270C-SIM

En Chem
A Division of Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 855626

Client : NATURAL RESOURCE TECHNOLOGY
Project Name : WPSC - STEVENS POINT
Project Number : 1177
Field ID : PZ-12B

Matrix Type : GROUNDWATER
Collection Date : 01/25/05
Report Date : 02/07/05
Lab Sample Number : 855626-007

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Iron - Dissolved	510	17	55		1	ug/L		02/03/05	SW846 6010B	SW846 6010B
Alkalinity as CaCO3	140	8.3	28		1	mg/L		01/28/05	EPA 310.2	EPA 310.2
Nitrogen, NO3 + NO2	< 0.063	0.063	0.21		1	mg/L		01/28/05	EPA 353.2	EPA 353.2
Sulfate	< 0.36	0.36	1.2		1	mg/L		01/27/05	EPA 300.0	EPA 300.0

BTEX

Prep Date: 01/31/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Benzene	52	1.4	4.6		10	ug/L		01/31/05	SW846 5030B	SW846 M8021
Ethylbenzene	190	4.0	13		10	ug/L		01/31/05	SW846 5030B	SW846 M8021
Toluene	7.7	3.6	12		10	ug/L	Q	01/31/05	SW846 5030B	SW846 M8021
Xylene, o	64	3.6	12		10	ug/L		01/31/05	SW846 5030B	SW846 M8021
Xylenes, m + p	50	7.4	25		10	ug/L		01/31/05	SW846 5030B	SW846 M8021
a,a,a-Trifluorotoluene	108				1	%Recov		01/31/05	SW846 5030B	SW846 M8021

METHANE

Prep Date: 02/04/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methane	930			100	10	ug/L		02/04/05	SW846 M8015	SW846 M8015

PAH/ PNA

Prep Date: 01/28/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1-Methylnaphthalene	160	50	170		2500	ug/L	QD	02/01/05	SW846 3510C	8270C-SIM
2-Methylnaphthalene	14	2.3	7.6		100	ug/L		01/28/05	SW846 3510C	8270C-SIM
Acenaphthene	160	48	160		2500	ug/L	D	02/01/05	SW846 3510C	8270C-SIM
Acenaphthylene	42	1.9	6.4		100	ug/L		01/28/05	SW846 3510C	8270C-SIM
Anthracene	7.6	1.8	5.9		100	ug/L		01/28/05	SW846 3510C	8270C-SIM
Benzo(a)anthracene	< 2.0	2.0	6.5		100	ug/L		01/28/05	SW846 3510C	8270C-SIM
Benzo(a)pyrene	< 1.8	1.8	6.0		100	ug/L		01/28/05	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	< 1.8	1.8	6.0		100	ug/L		01/28/05	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	< 2.1	2.1	6.9		100	ug/L		01/28/05	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	< 1.9	1.9	6.4		100	ug/L		01/28/05	SW846 3510C	8270C-SIM
Chrysene	< 1.6	1.6	5.5		100	ug/L		01/28/05	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	< 2.2	2.2	7.3		100	ug/L		01/28/05	SW846 3510C	8270C-SIM
Fluoranthene	< 1.6	1.6	5.5		100	ug/L		01/28/05	SW846 3510C	8270C-SIM
Fluorene	35	2.2	7.3		100	ug/L		01/28/05	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	< 1.7	1.7	5.7		100	ug/L		01/28/05	SW846 3510C	8270C-SIM
Naphthalene	830	56	190		2500	ug/L	D	02/01/05	SW846 3510C	8270C-SIM
Phenanthrene	47	2.0	6.8		100	ug/L		01/28/05	SW846 3510C	8270C-SIM
Pyrene	< 1.6	1.6	5.4		100	ug/L		01/28/05	SW846 3510C	8270C-SIM
Nitrobenzene-d5	0				100	%Recov	D	01/28/05	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	0				100	%Recov	D	01/28/05	SW846 3510C	8270C-SIM
Terphenyl-d14	0				100	%Recov	D	01/28/05	SW846 3510C	8270C-SIM

En Chem

A Division of Pace Analytical Services, Inc.

Analytical Report Number: 855626

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : NATURAL RESOURCE TECHNOLOGY
Project Name : WPSC - STEVENS POINT
Project Number : 1177
Field ID : QC-1

Matrix Type : GROUNDWATER
Collection Date : 01/25/05
Report Date : 02/07/05
Lab Sample Number : 855626-008

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Iron - Dissolved	26000	17	55		1	ug/L		02/03/05	SW846 6010B	SW846 6010B
Alkalinity as CaCO3	300	8.3	28		1	mg/L		01/28/05	EPA 310.2	EPA 310.2
Nitrogen, NO3 + NO2	0.065	0.063	0.21		1	mg/L	Q	01/28/05	EPA 353.2	EPA 353.2
Sulfate	690	3.6	12		10	mg/L		01/27/05	EPA 300.0	EPA 300.0

BTEX

Prep Date: 01/31/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Benzene	75	0.14	0.46		1	ug/L		01/31/05	SW846 5030B	SW846 M8021
Ethylbenzene	50	0.40	1.3		1	ug/L		01/31/05	SW846 5030B	SW846 M8021
Toluene	3.6	0.36	1.2		1	ug/L		01/31/05	SW846 5030B	SW846 M8021
Xylene, o	20	0.36	1.2		1	ug/L		01/31/05	SW846 5030B	SW846 M8021
Xylenes, m + p	21	0.74	2.5		1	ug/L		01/31/05	SW846 5030B	SW846 M8021
a,a,a-Trifluorotoluene	102				1	%Recov		01/31/05	SW846 5030B	SW846 M8021

METHANE

Prep Date: 02/04/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methane	700			100	10	ug/L		02/04/05	SW846 M8015	SW846 M8015

PAH/ PNA

Prep Date: 01/28/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1-Methylnaphthalene	85	16	53		800	ug/L	D	02/01/05	SW846 3510C	8270C-SIM
2-Methylnaphthalene	7.5	2.3	7.6		100	ug/L	Q	01/28/05	SW846 3510C	8270C-SIM
Acenaphthene	78	16	52		800	ug/L	D	02/01/05	SW846 3510C	8270C-SIM
Acenaphthylene	24	1.9	6.4		100	ug/L		01/28/05	SW846 3510C	8270C-SIM
Anthracene	30	1.8	5.9		100	ug/L		01/28/05	SW846 3510C	8270C-SIM
Benzo(a)anthracene	29	2.0	6.5		100	ug/L		01/28/05	SW846 3510C	8270C-SIM
Benzo(a)pyrene	26	1.8	6.0		100	ug/L		01/28/05	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	17	1.8	6.0		100	ug/L		01/28/05	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	11	2.1	6.9		100	ug/L		01/28/05	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	19	1.9	6.4		100	ug/L		01/28/05	SW846 3510C	8270C-SIM
Chrysene	19	1.6	5.5		100	ug/L		01/28/05	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	3.1	2.2	7.3		100	ug/L	Q	01/28/05	SW846 3510C	8270C-SIM
Fluoranthene	75	13	44		800	ug/L	D	02/01/05	SW846 3510C	8270C-SIM
Fluorene	32	2.2	7.3		100	ug/L		01/28/05	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	11	1.7	5.7		100	ug/L		01/28/05	SW846 3510C	8270C-SIM
Naphthalene	200	18	60		800	ug/L	D	02/01/05	SW846 3510C	8270C-SIM
Phenanthrene	88	16	54		800	ug/L	D	02/01/05	SW846 3510C	8270C-SIM
Pyrene	51	13	43		800	ug/L	D	02/01/05	SW846 3510C	8270C-SIM
Nitrobenzene-d5	0				100	%Recov	D	01/28/05	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	0				100	%Recov	D	01/28/05	SW846 3510C	8270C-SIM
Terphenyl-d14	0				100	%Recov	D	01/28/05	SW846 3510C	8270C-SIM

En Chem

A Division of Pace Analytical Services, Inc.

Analytical Report Number: 855626

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : NATURAL RESOURCE TECHNOLOGY
Project Name : WPSC - STEVENS POINT
Project Number : 1177
Field ID : TRIP BLANK

Matrix Type : WATER
Collection Date : 01/25/05
Report Date : 02/07/05
Lab Sample Number : 855626-009

BTEX **Prep Date:** 01/31/05

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Benzene	<	0.14	0.14	0.46		1	ug/L		01/31/05	SW846 5030B	SW846 M8021
Ethylbenzene	<	0.40	0.40	1.3		1	ug/L		01/31/05	SW846 5030B	SW846 M8021
Toluene	<	0.36	0.36	1.2		1	ug/L		01/31/05	SW846 5030B	SW846 M8021
Xylene, o	<	0.36	0.36	1.2		1	ug/L		01/31/05	SW846 5030B	SW846 M8021
Xylenes, m + p	<	0.74	0.74	2.5		1	ug/L		01/31/05	SW846 5030B	SW846 M8021
a,a,a-Trifluorotoluene		103				1	%Recov		01/31/05	SW846 5030B	SW846 M8021

En Chem
A Division of Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

Lab Number	TestGroupID	Field ID	Comment
855626-005	PAH+-W	PZ-13	B - Naphthalene present in Extraction Blank at 0.0318ug/l.

Qualifier Codes

Flag	Applies To	Explanation
A	Inorganic	Analyte is detected in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
B	Inorganic	The analyte has been detected between the method detection limit and the reporting limit.
B	Organic	Analyte is present in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
C	All	Elevated detection limit.
D	All	Analyte value from diluted analysis or surrogate result not applicable due to sample dilution.
E	Inorganic	Estimated concentration due to matrix interferences. During the metals analysis the serial dilution failed to meet the established control limits of 0-10%. The sample concentration is greater than 50 times the IDL for analysis done on the ICP or 100 times the IDL for analysis done on the ICP-MS. The result was flagged with the E qualifier to indicate that a physical interference was observed.
E	Organic	Analyte concentration exceeds calibration range.
F	Inorganic	Due to potential interferences for this analysis by Inductively Coupled Plasma techniques (SW-846 Method 6010), this analyte has been confirmed by and reported from an alternate method.
F	Organic	Surrogate results outside control criteria.
H	All	Preservation, extraction or analysis performed past holding time.
HF	Inorganic	This test is considered a field parameter, and the recommended holding time is 15 minutes from collection. The analysis was performed in the laboratory beyond the recommended holding time.
J	Inorganic	The analyte has been detected between the method detection limit and the reporting limit.
J	Organic	Concentration detected is greater than the method detection limit but less than the reporting limit.
K	Inorganic	Sample received unpreserved. Sample was either preserved at the time of receipt or at the time of sample preparation.
K	Organic	Detection limit may be elevated due to the presence of an unrequested analyte.
L	All	Elevated detection limit due to low sample volume.
M	Organic	Sample pH was greater than 2
N	All	Spiked sample recovery not within control limits.
O	Organic	Sample received overweight.
P	Organic	The relative percent difference between the two columns for detected concentrations was greater than 40%.
Q	All	The analyte has been detected between the limit of detection (LOD) and limit of quantitation (LOQ). The results are qualified due to the uncertainty of analyte concentrations within this range.
S	Organic	The relative percent difference between quantitation and confirmation columns exceeds internal quality control criteria. Because the result is unconfirmed, it has been reported as a non-detect with an elevated detection limit.
U	All	The analyte was not detected at or above the reporting limit.
V	All	Sample received with headspace.
W	All	A second aliquot of sample was analyzed from a container with headspace.
X	All	See Sample Narrative.
&	All	Laboratory Control Spike recovery not within control limits.
*	All	Precision not within control limits.
<	All	The analyte was not detected at or above the reporting limit.
1	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses passed QC based on precision criteria.
2	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses failed QC based on precision criteria.
3	Inorganic	BOD result is estimated due to the BOD blank exceeding the allowable oxygen depletion.
4	Inorganic	BOD duplicate precision not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
5	Inorganic	BOD result is estimated due to insufficient oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
6	Inorganic	BOD laboratory control sample not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
7	Inorganic	BOD result is estimated due to complete oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.

En Chem
A Division of Pace Analytical Services, Inc.

Analysis Summary by Laboratory

1241 Bellevue Street
Green Bay, WI 54302

1090 Kennedy Avenue
Kimberly, WI 54136

Test Group Name	855626-001	855626-002	855626-003	855626-004	855626-005	855626-006	855626-007	855626-008	855626-009
ALKALINITY AS CACO3	G	G	G	G	G	G	G	G	
BTEX	G	G	G	G	G	G	G	G	G
IRON - DISSOLVED	G	G	G	G	G	G	G	G	
METHANE	G	G	G	G	G	G	G	G	
NITROGEN, NO3 + NO2	G	G	G	G	G	G	G	G	
PAH/ PNA	G	G	G	G	G	G	G	G	
SULFATE	G	G	G	G	G	G	G	G	

Wisconsin Certification	
G = En Chem Green Bay	405132750 / DATCP: 105 000444
K = En Chem Kimberly	445134030
S = En Chem Superior	Not Applicable
C = Subcontracted Analysis	
I = Other Pace Lab Analysis	

En Chem, Inc. Cooler Receipt Log

Batch No. 855626

Project Name or ID 1177 No. of Coolers: 1 Temps: ROE

A. Receipt Phase: Date cooler was opened: 1-27-05 **By:** GD

1: Were samples received on ice? (Must be ≤ 6 C)........ [✓ YES] NO[2] NA

2. Was there a Temperature Blank?........ YES [✓ NO]

3: Were custody seals present and intact on cooler? (Record on COC)........ YES [✓ NO]

4: Are COC documents present?........ [✓ YES] NO[2]

5: Does this Project require quick turn around analysis?........ YES [✓ NO]

6: Is there any sub-work?........ YES [✓ NO]

7: Are there any short hold time tests?........ [✓ YES] NO

8: Are any samples nearing expiration of hold-time? (Within 2 days)........ [✓ YES[1]] NO Contacted by/Who S VOC

9: Do any samples need to be Filtered or Preserved in the lab?........ YES[1] [✓ NO] Contacted by/Who

B. Check-in Phase: Date samples were Checked-in: 1-27-05 **By:** GD

1: Were all sample containers listed on the COC received and intact?........ [✓ YES] NO[2] NA

2: Sign the COC as received by En Chem. Completed........ [✓ YES] NO

3: Do sample labels match the COC?........ [✓ YES] NO[2]

4: Completed pH check on preserved samples........ [✓ YES] NO NA
(This statement does not apply to water: VOC, O&G, TOC, DRO, Total Rec. Phenolics)

5: Do samples have correct chemical preservation?........ [✓ YES] NO[2] NA
(This statement does not apply to water: VOC, O&G, TOC, DRO, Total Rec. Phenolics)

6: Are dissolved parameters field filtered?........ [✓ YES] NO[2] NA

7: Are sample volumes adequate for tests requested?........ [✓ YES] NO[2]

8: Are VOC samples free of bubbles >6mm........ [✓ YES] NO[2] NA

9: Enter samples into logbook. Completed........ [✓ YES] NO

10: Place laboratory sample number on all containers and COC. Completed........ [✓ YES] NO

11: Complete Laboratory Tracking Sheet (LTS). Completed........ YES NO [✓ NA]

12: Start Nonconformance form........ YES NO [✓ NA]

13: Initiate Subcontracting procedure. Completed........ YES NO [✓ NA]

14: Check laboratory sample number on all containers and COC. ...... 01/27/05 [✓ YES] NO NA

Short Hold-time tests:

24 Hours or less	48 Hours	7 days	Footnotes
Coliform	BOD	Ash	1 Notify proper lab group immediately.
Corrosivity = pH	Color	[✓ Aqueous Extractable Organics- ALL]	2 Complete nonconformance memo.
Dissolved Oxygen	Nitrite or Nitrate	~~Flashpoint~~	
Hexavalent Chromium	Ortho Phosphorus	Free Liquids	
HPC	Surfactants	Sulfide	
Ferrous Iron	Turbidity	TDS	
Eh	En Core Preservation	TSS	
Odor	Power stop preservation	Total Solids	
Residual Chlorine		TVS	
Sulfite		TVSS	
		Unpreserved VOC's	

Rev. 2/05/04, Attachment to 1-REC-5.
Subject to QA Audit.

Reviewed by/date TM 1/28/05

(Please Print Legibly)
Company Name: Natural Resource Technology
Branch or Location: Pewaukee, WI 53072
Project Contact: Eric Kovatch
Telephone: 262-522-1208
Project Number: 1177
Project Name: WPSC - Stevens Point
Project State: WI
Sampled By (Print): Jody Barbeau
PO #:

EN CHEM INC.

A Division of Pace Analytical Services, Inc.

1241 Bellevue St., Suite 9
Green Bay, WI 54302
920-469-2436
Fax 920-469-8827

✓ 1

CHAIN OF CUSTODY No. 133514

Page 1 of 1
Quote #:
Mail Report To: Eric Kovatch
Company: Natural Resource Technology
Address: 23713 W. Paul Road, Suite D
Pewaukee, WI, 53072
Invoice To: Eric Kovatch
Company: Natural Resource Technology
Address: - as above -
Mail Invoice To: Eric Kovatch

*Preservation Codes
A=None B=HCL C=H2SO4 D=HNO3 E=EnCore F=Methanol G-NaOH
H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

Data Package Options - (please circle if requested
Sample Results Only (no QC)
EPA Level II (Subject to Surcharge)
EPA Level III (Subject to Surcharge)
EPA Level IV (Subject to Surcharge)

Regulatory Program
UST
RCRA
SDWA
NPDES
CERCLA

Matrix Codes
GW=Ground Water
W=Water
S=Soil
A=Air
C=Charcoal
B=Biota
Sl=Sludge
WP=Wipe

ANALYSES REQUESTED

LABORATORY ID (Lab Use Only)	FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	BTEX (8021B)	PAHs (8310)	dissolved Iron (6010)	Alkalinity (EPA 310.2)	Methane (8015 mod)	Nitrate + Nitrite (EPA 300.0)	Sulfate (EPA 300.0)	TOTAL # OF BOTTLES SENT	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)
FILTERED? (YES/NO)					N	N	Y	N	N	N	N			
PRESERVATION (CODE)*					B	A	D	A	B	C	A			
001	OW-5R	1-25-05		GW	X	X	X	X	X	X	X	10		6-40ml B 3-250ml A/C/D 1L Amber A
002	P-5B				X	X	X	X	X	X	X	10		
003	~~OW-7~~ PZ-7B				X	X	X	X	X	X	X	10		
004	OW-7A				X	X	X	X	X	X	X	10		
005	PZ-13				X	X	X	X	X	X	X	10		
006	OW-12				X	X	X	X	X	X	X	10		
007	PZ-12B				X	X	X	X	X	X	X	10		
008	QC-1				X	X	X	X	X	X	X	10		
009	Trip Blank				X							1		1-40ml B TBLK

Rush Turnaround Time Requested (TAT) - Prelim
(Rush TAT subject to approval/surcharge)
Date Needed:
Transmit Prelim Rush Results by (circle):
Phone Fax E-mail
Phone #:
Fax #:
E-Mail Address:

Samples on HOLD are subject to special pricing and release of liability

Relinquished By:	Date/Time:	Received By:	Date/Time:
Jody Barbeau	1/26/05 1000		1/26/05 1000
	1/26/05		
D Unken		Sonia Dattatro	1/27/05 0835

En Chem Project No. 855626
Sample Receipt Temp. ROI
Sample Receipt pH (Wet/Metals) OK
Cooler Custody Seal
Present / [✓ Not Present]
Intact / Not intact

Version 4.0: 09/04

EN CHEM

A Division of Pace Analytical Services, Inc.

1241 Bellevue Street, Suite 9
Green Bay, WI 54302
920-469-2436, Fax: 920-469-8827

Analytical Report Number: 858083

Client: NATURAL RESOURCE TECHNOLOGY
Project Name: WPSC - STEVENS POINT
Project Number: 1177

Lab Contact: Tom Trainor

APR 28 2005

MASTER FILE COPY
PROJECT # 1177 - Data
CO:

Lab Sample Number	Field ID	Matrix	Collection Date
858083-001	OW-8	GW	04/11/05
858083-002	OW-3R	GW	04/11/05
858083-003	PZ-3B	GW	04/11/05
858083-004	OW-2	GW	04/11/05
858083-005	PZ-13B	GW	04/11/05
858083-006	OW-11	GW	04/11/05
858083-007	PZ-11B	GW	04/11/05
858083-008	OW-4	GW	04/11/05
858083-009	OW-1	GW	04/11/05
858083-010	OW-5R	GW	04/11/05
858083-011	P-5B	GW	04/11/05
858083-012	OW-6	GW	04/11/05
858083-013	OW-7A	GW	04/11/05
858083-014	PZ-7B	GW	04/11/05
858083-015	QC-1	GW	04/11/05
858083-016	QC-2	GW	04/11/05
858083-017	OW-9	GW	04/12/05
858083-018	PZ-9B	GW	04/12/05
858083-019	OW-10	GW	04/12/05
858083-020	PZ-10B	GW	04/12/05
858083-021	OW-12	GW	04/12/05
858083-022	PZ-12B	GW	04/12/05

I certify that the data contained in this Final Report has been generated and reviewed in accordance with approved methods and Laboratory Standard Operating Procedure. Exceptions, if any, are discussed in the accompanying sample comments. Release of this final report is authorized by Laboratory management, as is verified by the following signature. This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, Inc. The sample results relate only to the analytes of interest tested.

Tom Trainor
Approval Signature

4-26-05
Date

En Chem
A Division of Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 858083

Client : NATURAL RESOURCE TECHNOLOGY
Project Name : WPSC - STEVENS POINT
Project Number : 1177
Field ID : OW-8

Matrix Type : GROUNDWATER
Collection Date : 04/11/05
Report Date : 04/26/05
Lab Sample Number : 858083-001

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Iron - Dissolved	24000	17	55		1	ug/L		04/19/05	SW846 6010B	SW846 6010B
Alkalinity as CaCO3	70	6.3	21		1	mg/L		04/25/05	EPA 310.2	EPA 310.2
Nitrogen, NO3 + NO2	< 0.061	0.061	0.20		1	mg/L		04/14/05	EPA 353.2	EPA 353.2
Sulfate	< 0.83	0.83	2.8		1	mg/L		04/13/05	EPA 300.0	EPA 300.0

BENZENE

Prep Date: 04/14/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Benzene	0.44	0.14	0.46		1	ug/L	Q	04/14/05	SW846 5030B	SW846 M8021
a,a,a-Trifluorotoluene	101				1	%Recov		04/14/05	SW846 5030B	SW846 M8021

METHANE

Prep Date: 04/22/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methane	2300			100	10	ug/L		04/22/05	SW846 M8015	SW846 M8015

PAH/ PNA

Prep Date: 04/14/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1-Methylnaphthalene	0.61	0.10	0.33		5	ug/L	D	04/15/05	SW846 3510C	8270C-SIM
2-Methylnaphthalene	0.090	0.023	0.076		1	ug/L		04/15/05	SW846 3510C	8270C-SIM
Acenaphthene	1.0	0.097	0.32		5	ug/L	D	04/15/05	SW846 3510C	8270C-SIM
Acenaphthylene	0.029	0.019	0.064		1	ug/L	Q	04/15/05	SW846 3510C	8270C-SIM
Anthracene	0.046	0.018	0.059		1	ug/L	Q	04/15/05	SW846 3510C	8270C-SIM
Benzo(a)anthracene	< 0.020	0.020	0.065		1	ug/L		04/15/05	SW846 3510C	8270C-SIM
Benzo(a)pyrene	< 0.018	0.018	0.060		1	ug/L		04/15/05	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	< 0.018	0.018	0.060		1	ug/L		04/15/05	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	< 0.021	0.021	0.069		1	ug/L		04/15/05	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	< 0.019	0.019	0.064		1	ug/L		04/15/05	SW846 3510C	8270C-SIM
Chrysene	< 0.016	0.016	0.055		1	ug/L		04/15/05	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	< 0.022	0.022	0.073		1	ug/L		04/15/05	SW846 3510C	8270C-SIM
Fluoranthene	0.047	0.016	0.055		1	ug/L	Q	04/15/05	SW846 3510C	8270C-SIM
Fluorene	0.33	0.022	0.073		1	ug/L		04/15/05	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	< 0.017	0.017	0.057		1	ug/L		04/15/05	SW846 3510C	8270C-SIM
Naphthalene	1.2	0.11	0.37		5	ug/L	D	04/15/05	SW846 3510C	8270C-SIM
Phenanthrene	0.52	0.10	0.34		5	ug/L	D	04/15/05	SW846 3510C	8270C-SIM
Pyrene	0.053	0.016	0.054		1	ug/L	Q	04/15/05	SW846 3510C	8270C-SIM
Nitrobenzene-d5	62				1	%Recov		04/15/05	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	53				1	%Recov		04/15/05	SW846 3510C	8270C-SIM
Terphenyl-d14	85				1	%Recov		04/15/05	SW846 3510C	8270C-SIM

En Chem
A Division of Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 858083

Client : NATURAL RESOURCE TECHNOLOGY
Project Name : WPSC - STEVENS POINT
Project Number : 1177
Field ID : OW-3R

Matrix Type : GROUNDWATER
Collection Date : 04/11/05
Report Date : 04/26/05
Lab Sample Number : 858083-002

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Iron - Dissolved	33000	17	55		1	ug/L		04/19/05	SW846 6010B	SW846 6010B
Alkalinity as CaCO3	450	32	110		5	mg/L		04/25/05	EPA 310.2	EPA 310.2
Nitrogen, NO3 + NO2	< 0.061	0.061	0.20		1	mg/L		04/14/05	EPA 353.2	EPA 353.2
Sulfate	320	8.3	28		10	mg/L		04/22/05	EPA 300.0	EPA 300.0

BENZENE

Prep Date: 04/14/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Benzene	0.38	0.14	0.46		1	ug/L	Q	04/14/05	SW846 5030B	SW846 M8021
a,a,a-Trifluorotoluene	101				1	%Recov		04/14/05	SW846 5030B	SW846 M8021

METHANE

Prep Date: 04/22/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methane	950			50	5	ug/L		04/22/05	SW846 M8015	SW846 M8015

PAH/ PNA

Prep Date: 04/14/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1-Methylnaphthalene	0.98	0.10	0.33		5	ug/L		04/15/05	SW846 3510C	8270C-SIM
2-Methylnaphthalene	0.15	0.11	0.38		5	ug/L	Q	04/15/05	SW846 3510C	8270C-SIM
Acenaphthene	1.6	0.097	0.32		5	ug/L		04/15/05	SW846 3510C	8270C-SIM
Acenaphthylene	0.36	0.097	0.32		5	ug/L		04/15/05	SW846 3510C	8270C-SIM
Anthracene	0.68	0.088	0.29		5	ug/L		04/15/05	SW846 3510C	8270C-SIM
Benzo(a)anthracene	0.24	0.098	0.33		5	ug/L	Q	04/15/05	SW846 3510C	8270C-SIM
Benzo(a)pyrene	0.15	0.091	0.30		5	ug/L	Q	04/15/05	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	0.11	0.089	0.30		5	ug/L	Q	04/15/05	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	< 0.10	0.10	0.34		5	ug/L		04/15/05	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	0.13	0.097	0.32		5	ug/L	Q	04/15/05	SW846 3510C	8270C-SIM
Chrysene	0.17	0.082	0.27		5	ug/L	Q	04/15/05	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	< 0.11	0.11	0.37		5	ug/L		04/15/05	SW846 3510C	8270C-SIM
Fluoranthene	1.1	0.082	0.27		5	ug/L		04/15/05	SW846 3510C	8270C-SIM
Fluorene	0.89	0.11	0.36		5	ug/L		04/15/05	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	< 0.085	0.085	0.28		5	ug/L		04/15/05	SW846 3510C	8270C-SIM
Naphthalene	1.7	0.11	0.37		5	ug/L		04/15/05	SW846 3510C	8270C-SIM
Phenanthrene	2.0	0.10	0.34		5	ug/L		04/15/05	SW846 3510C	8270C-SIM
Pyrene	0.82	0.081	0.27		5	ug/L		04/15/05	SW846 3510C	8270C-SIM
Nitrobenzene-d5	70				5	%Recov		04/15/05	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	51				5	%Recov		04/15/05	SW846 3510C	8270C-SIM
Terphenyl-d14	88				5	%Recov		04/15/05	SW846 3510C	8270C-SIM

En Chem

A Division of Pace Analytical Services, Inc.

Analytical Report Number: 858083

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : NATURAL RESOURCE TECHNOLOGY
Project Name : WPSC - STEVENS POINT
Project Number : 1177
Field ID : PZ-3B

Matrix Type : GROUNDWATER
Collection Date : 04/11/05
Report Date : 04/26/05
Lab Sample Number : 858083-003

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Iron - Dissolved	5800	17	55		1	ug/L		04/19/05	SW846 6010B	SW846 6010B
Alkalinity as CaCO3	78	6.3	21		1	mg/L		04/25/05	EPA 310.2	EPA 310.2
Nitrogen, NO3 + NO2	0.12	0.061	0.20		1	mg/L	Q	04/14/05	EPA 353.2	EPA 353.2
Sulfate	< 0.83	0.83	2.8		1	mg/L		04/13/05	EPA 300.0	EPA 300.0

BENZENE

Prep Date: 04/14/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Benzene	< 0.14	0.14	0.46		1	ug/L		04/14/05	SW846 5030B	SW846 M8021
a,a,a-Trifluorotoluene	101				1	%Recov		04/14/05	SW846 5030B	SW846 M8021

METHANE

Prep Date: 04/22/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methane	190			10	1	ug/L		04/22/05	SW846 M8015	SW846 M8015

PAH/ PNA

Prep Date: 04/14/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1-Methylnaphthalene	< 0.020	0.020	0.066		1	ug/L		04/15/05	SW846 3510C	8270C-SIM
2-Methylnaphthalene	< 0.023	0.023	0.076		1	ug/L		04/15/05	SW846 3510C	8270C-SIM
Acenaphthene	< 0.019	0.019	0.065		1	ug/L		04/15/05	SW846 3510C	8270C-SIM
Acenaphthylene	< 0.019	0.019	0.064		1	ug/L		04/15/05	SW846 3510C	8270C-SIM
Anthracene	< 0.018	0.018	0.059		1	ug/L		04/15/05	SW846 3510C	8270C-SIM
Benzo(a)anthracene	< 0.020	0.020	0.065		1	ug/L		04/15/05	SW846 3510C	8270C-SIM
Benzo(a)pyrene	< 0.018	0.018	0.060		1	ug/L		04/15/05	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	< 0.018	0.018	0.060		1	ug/L		04/15/05	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	< 0.021	0.021	0.069		1	ug/L		04/15/05	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	< 0.019	0.019	0.064		1	ug/L		04/15/05	SW846 3510C	8270C-SIM
Chrysene	< 0.016	0.016	0.055		1	ug/L		04/15/05	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	< 0.022	0.022	0.073		1	ug/L		04/15/05	SW846 3510C	8270C-SIM
Fluoranthene	< 0.016	0.016	0.055		1	ug/L		04/15/05	SW846 3510C	8270C-SIM
Fluorene	< 0.022	0.022	0.073		1	ug/L		04/15/05	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	< 0.017	0.017	0.057		1	ug/L		04/15/05	SW846 3510C	8270C-SIM
Naphthalene	< 0.022	0.022	0.075		1	ug/L		04/15/05	SW846 3510C	8270C-SIM
Phenanthrene	< 0.020	0.020	0.068		1	ug/L		04/15/05	SW846 3510C	8270C-SIM
Pyrene	< 0.016	0.016	0.054		1	ug/L		04/15/05	SW846 3510C	8270C-SIM
Nitrobenzene-d5	59				1	%Recov		04/15/05	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	32				1	%Recov		04/15/05	SW846 3510C	8270C-SIM
Terphenyl-d14	92				1	%Recov		04/15/05	SW846 3510C	8270C-SIM

En Chem
A Division of Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 858083

Client : NATURAL RESOURCE TECHNOLOGY
Project Name : WPSC - STEVENS POINT
Project Number : 1177
Field ID : OW-2

Matrix Type : GROUNDWATER
Collection Date : 04/11/05
Report Date : 04/26/05
Lab Sample Number : 858083-004

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Iron - Dissolved	11000	17	55		1	ug/L		04/19/05	SW846 6010B	SW846 6010B
Alkalinity as CaCO3	120	32	110		5	mg/L		04/25/05	EPA 310.2	EPA 310.2
Nitrogen, NO3 + NO2	< 0.061	0.061	0.20		1	mg/L		04/14/05	EPA 353.2	EPA 353.2
Sulfate	2.4	0.83	2.8		1	mg/L	Q	04/13/05	EPA 300.0	EPA 300.0

BENZENE

Prep Date: 04/14/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Benzene	< 0.14	0.14	0.46		1	ug/L		04/14/05	SW846 5030B	SW846 M8021
a,a,a-Trifluorotoluene	100				1	%Recov		04/14/05	SW846 5030B	SW846 M8021

METHANE

Prep Date: 04/22/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methane	6200			500	50	ug/L		04/22/05	SW846 M8015	SW846 M8015

PAH/ PNA

Prep Date: 04/14/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1-Methylnaphthalene	0.41	0.40	1.3		20	ug/L	Q	04/15/05	SW846 3510C	8270C-SIM
2-Methylnaphthalene	< 0.45	0.45	1.5		20	ug/L		04/15/05	SW846 3510C	8270C-SIM
Acenaphthene	7.7	0.39	1.3		20	ug/L		04/15/05	SW846 3510C	8270C-SIM
Acenaphthylene	< 0.39	0.39	1.3		20	ug/L		04/15/05	SW846 3510C	8270C-SIM
Anthracene	0.59	0.35	1.2		20	ug/L	Q	04/15/05	SW846 3510C	8270C-SIM
Benzo(a)anthracene	< 0.39	0.39	1.3		20	ug/L		04/15/05	SW846 3510C	8270C-SIM
Benzo(a)pyrene	< 0.36	0.36	1.2		20	ug/L		04/15/05	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	< 0.36	0.36	1.2		20	ug/L		04/15/05	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	< 0.41	0.41	1.4		20	ug/L		04/15/05	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	< 0.39	0.39	1.3		20	ug/L		04/15/05	SW846 3510C	8270C-SIM
Chrysene	< 0.33	0.33	1.1		20	ug/L		04/15/05	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	< 0.44	0.44	1.5		20	ug/L		04/15/05	SW846 3510C	8270C-SIM
Fluoranthene	0.36	0.33	1.1		20	ug/L	Q	04/15/05	SW846 3510C	8270C-SIM
Fluorene	3.0	0.44	1.5		20	ug/L		04/15/05	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	< 0.34	0.34	1.1		20	ug/L		04/15/05	SW846 3510C	8270C-SIM
Naphthalene	< 0.45	0.45	1.5		20	ug/L		04/15/05	SW846 3510C	8270C-SIM
Phenanthrene	1.8	0.41	1.4		20	ug/L		04/15/05	SW846 3510C	8270C-SIM
Pyrene	< 0.33	0.33	1.1		20	ug/L		04/15/05	SW846 3510C	8270C-SIM
Nitrobenzene-d5	0				20	%Recov	D	04/15/05	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	0				20	%Recov	D	04/15/05	SW846 3510C	8270C-SIM
Terphenyl-d14	0				20	%Recov	D	04/15/05	SW846 3510C	8270C-SIM

En Chem

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Analytical Report Number: 858083

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : NATURAL RESOURCE TECHNOLOGY
Project Name : WPSC - STEVENS POINT
Project Number : 1177
Field ID : PZ-13B

Matrix Type : GROUNDWATER
Collection Date : 04/11/05
Report Date : 04/26/05
Lab Sample Number : 858083-005

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Iron - Dissolved	110	17	55		1	ug/L		04/21/05	SW846 6010B	SW846 6010B
Alkalinity as CaCO3	190	6.3	21		1	mg/L		04/25/05	EPA 310.2	EPA 310.2
Nitrogen, NO3 + NO2	< 0.061	0.061	0.20		1	mg/L		04/14/05	EPA 353.2	EPA 353.2
Sulfate	13	0.83	2.8		1	mg/L		04/13/05	EPA 300.0	EPA 300.0

BENZENE

Prep Date: 04/15/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Benzene	< 0.14	0.14	0.46		1	ug/L		04/15/05	SW846 5030B	SW846 M8021
a,a,a-Trifluorotoluene	101				1	%Recov		04/15/05	SW846 5030B	SW846 M8021

METHANE

Prep Date: 04/22/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methane	< 10			10	1	ug/L		04/22/05	SW846 M8015	SW846 M8015

PAH/ PNA

Prep Date: 04/14/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1-Methylnaphthalene	< 0.020	0.020	0.066		1	ug/L		04/15/05	SW846 3510C	8270C-SIM
2-Methylnaphthalene	< 0.023	0.023	0.076		1	ug/L		04/15/05	SW846 3510C	8270C-SIM
Acenaphthene	0.055	0.019	0.065		1	ug/L	Q	04/15/05	SW846 3510C	8270C-SIM
Acenaphthylene	< 0.019	0.019	0.064		1	ug/L		04/15/05	SW846 3510C	8270C-SIM
Anthracene	< 0.018	0.018	0.059		1	ug/L		04/15/05	SW846 3510C	8270C-SIM
Benzo(a)anthracene	0.025	0.020	0.065		1	ug/L	Q	04/15/05	SW846 3510C	8270C-SIM
Benzo(a)pyrene	0.029	0.018	0.060		1	ug/L	Q	04/15/05	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	0.039	0.018	0.060		1	ug/L	Q	04/15/05	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	0.026	0.021	0.069		1	ug/L	Q	04/15/05	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	0.029	0.019	0.064		1	ug/L	Q	04/15/05	SW846 3510C	8270C-SIM
Chrysene	0.035	0.016	0.055		1	ug/L	Q	04/15/05	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	< 0.022	0.022	0.073		1	ug/L		04/15/05	SW846 3510C	8270C-SIM
Fluoranthene	0.058	0.016	0.055		1	ug/L		04/15/05	SW846 3510C	8270C-SIM
Fluorene	< 0.022	0.022	0.073		1	ug/L		04/15/05	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	0.021	0.017	0.057		1	ug/L	Q	04/15/05	SW846 3510C	8270C-SIM
Naphthalene	< 0.022	0.022	0.075		1	ug/L		04/15/05	SW846 3510C	8270C-SIM
Phenanthrene	0.046	0.020	0.068		1	ug/L	Q	04/15/05	SW846 3510C	8270C-SIM
Pyrene	0.055	0.016	0.054		1	ug/L		04/15/05	SW846 3510C	8270C-SIM
Nitrobenzene-d5	64				1	%Recov		04/15/05	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	52				1	%Recov		04/15/05	SW846 3510C	8270C-SIM
Terphenyl-d14	88				1	%Recov		04/15/05	SW846 3510C	8270C-SIM

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Analytical Report Number: 858083

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : NATURAL RESOURCE TECHNOLOGY
Project Name : WPSC - STEVENS POINT
Project Number : 1177
Field ID : OW-11

Matrix Type : GROUNDWATER
Collection Date : 04/11/05
Report Date : 04/26/05
Lab Sample Number : 858083-006

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Iron - Dissolved	34000	17	55		1	ug/L		04/21/05	SW846 6010B	SW846 6010B
Alkalinity as CaCO3	170	32	110		5	mg/L		04/25/05	EPA 310.2	EPA 310.2
Nitrogen, NO3 + NO2	< 0.061	0.061	0.20		1	mg/L		04/14/05	EPA 353.2	EPA 353.2
Sulfate	4.1	0.83	2.8		1	mg/L		04/13/05	EPA 300.0	EPA 300.0

BENZENE

Prep Date: 04/14/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Benzene	< 0.14	0.14	0.46		1	ug/L		04/14/05	SW846 5030B	SW846 M8021
a,a,a-Trifluorotoluene	100				1	%Recov		04/14/05	SW846 5030B	SW846 M8021

METHANE

Prep Date: 04/22/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methane	420			25	2.5	ug/L		04/22/05	SW846 M8015	SW846 M8015

PAH/ PNA

Prep Date: 04/14/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1-Methylnaphthalene	0.023	0.020	0.066		1	ug/L	Q	04/15/05	SW846 3510C	8270C-SIM
2-Methylnaphthalene	< 0.023	0.023	0.076		1	ug/L		04/15/05	SW846 3510C	8270C-SIM
Acenaphthene	1.3	0.097	0.32		5	ug/L	D	04/18/05	SW846 3510C	8270C-SIM
Acenaphthylene	0.043	0.019	0.064		1	ug/L	Q	04/15/05	SW846 3510C	8270C-SIM
Anthracene	0.025	0.018	0.059		1	ug/L	Q	04/15/05	SW846 3510C	8270C-SIM
Benzo(a)anthracene	< 0.020	0.020	0.065		1	ug/L		04/15/05	SW846 3510C	8270C-SIM
Benzo(a)pyrene	< 0.018	0.018	0.060		1	ug/L		04/15/05	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	< 0.018	0.018	0.060		1	ug/L		04/15/05	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	< 0.021	0.021	0.069		1	ug/L		04/15/05	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	< 0.019	0.019	0.064		1	ug/L		04/15/05	SW846 3510C	8270C-SIM
Chrysene	< 0.016	0.016	0.055		1	ug/L		04/15/05	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	< 0.022	0.022	0.073		1	ug/L		04/15/05	SW846 3510C	8270C-SIM
Fluoranthene	0.044	0.016	0.055		1	ug/L	Q	04/15/05	SW846 3510C	8270C-SIM
Fluorene	0.19	0.022	0.073		1	ug/L		04/15/05	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	< 0.017	0.017	0.057		1	ug/L		04/15/05	SW846 3510C	8270C-SIM
Naphthalene	0.024	0.022	0.075		1	ug/L	Q	04/15/05	SW846 3510C	8270C-SIM
Phenanthrene	< 0.020	0.020	0.068		1	ug/L		04/15/05	SW846 3510C	8270C-SIM
Pyrene	0.068	0.016	0.054		1	ug/L		04/15/05	SW846 3510C	8270C-SIM
Nitrobenzene-d5	75				1	%Recov		04/15/05	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	60				1	%Recov		04/15/05	SW846 3510C	8270C-SIM
Terphenyl-d14	95				1	%Recov		04/15/05	SW846 3510C	8270C-SIM

En Chem
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1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 858083

Client : NATURAL RESOURCE TECHNOLOGY
Project Name : WPSC - STEVENS POINT
Project Number : 1177
Field ID : PZ-11B

Matrix Type : GROUNDWATER
Collection Date : 04/11/05
Report Date : 04/26/05
Lab Sample Number : 858083-007

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Iron - Dissolved	< 17	17	55		1	ug/L		04/22/05	SW846 6010B	SW856 6010B
Alkalinity as CaCO3	160	6.3	21		1	mg/L		04/25/05	EPA 310.2	EPA 310.2
Nitrogen, NO3 + NO2	0.11	0.061	0.20		1	mg/L	Q	04/14/05	EPA 353.2	EPA 353.2
Sulfate	7.9	0.83	2.8		1	mg/L		04/13/05	EPA 300.0	EPA 300.0

BENZENE

Prep Date: 04/14/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Benzene	< 0.14	0.14	0.46		1	ug/L		04/14/05	SW846 5030B	SW846 M8021
a,a,a-Trifluorotoluene	102				1	%Recov		04/14/05	SW846 5030B	SW846 M8021

METHANE

Prep Date: 04/22/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methane	< 10			10	1	ug/L		04/22/05	SW846 M8015	SW846 M8015

PAH/ PNA

Prep Date: 04/14/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1-Methylnaphthalene	< 0.020	0.020	0.066		1	ug/L		04/15/05	SW846 3510C	8270C-SIM
2-Methylnaphthalene	< 0.023	0.023	0.076		1	ug/L		04/15/05	SW846 3510C	8270C-SIM
Acenaphthene	0.034	0.019	0.065		1	ug/L	Q	04/15/05	SW846 3510C	8270C-SIM
Acenaphthylene	< 0.019	0.019	0.064		1	ug/L		04/15/05	SW846 3510C	8270C-SIM
Anthracene	< 0.018	0.018	0.059		1	ug/L		04/15/05	SW846 3510C	8270C-SIM
Benzo(a)anthracene	< 0.020	0.020	0.065		1	ug/L		04/15/05	SW846 3510C	8270C-SIM
Benzo(a)pyrene	< 0.018	0.018	0.060		1	ug/L		04/15/05	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	< 0.018	0.018	0.060		1	ug/L		04/15/05	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	< 0.021	0.021	0.069		1	ug/L		04/15/05	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	< 0.019	0.019	0.064		1	ug/L		04/15/05	SW846 3510C	8270C-SIM
Chrysene	< 0.016	0.016	0.055		1	ug/L		04/15/05	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	< 0.022	0.022	0.073		1	ug/L		04/15/05	SW846 3510C	8270C-SIM
Fluoranthene	< 0.016	0.016	0.055		1	ug/L		04/15/05	SW846 3510C	8270C-SIM
Fluorene	< 0.022	0.022	0.073		1	ug/L		04/15/05	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	< 0.017	0.017	0.057		1	ug/L		04/15/05	SW846 3510C	8270C-SIM
Naphthalene	< 0.022	0.022	0.075		1	ug/L		04/15/05	SW846 3510C	8270C-SIM
Phenanthrene	< 0.020	0.020	0.068		1	ug/L		04/15/05	SW846 3510C	8270C-SIM
Pyrene	< 0.016	0.016	0.054		1	ug/L		04/15/05	SW846 3510C	8270C-SIM
Nitrobenzene-d5	64				1	%Recov		04/15/05	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	48				1	%Recov		04/15/05	SW846 3510C	8270C-SIM
Terphenyl-d14	84				1	%Recov		04/15/05	SW846 3510C	8270C-SIM

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A Division of Pace Analytical Services, Inc.

Analytical Report Number: 858083

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : NATURAL RESOURCE TECHNOLOGY
Project Name : WPSC - STEVENS POINT
Project Number : 1177
Field ID : OW-4

Matrix Type : GROUNDWATER
Collection Date : 04/11/05
Report Date : 04/26/05
Lab Sample Number : 858083-008

INORGANICS

Test		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Iron - Dissolved		18000	17	55		1	ug/L		04/21/05	SW846 6010B	SW846 6010B
Alkalinity as CaCO3		140	32	110		5	mg/L		04/25/05	EPA 310.2	EPA 310.2
Nitrogen, NO3 + NO2	<	0.061	0.061	0.20		1	mg/L		04/14/05	EPA 353.2	EPA 353.2
Sulfate		1.6	0.83	2.8		1	mg/L	Q	04/13/05	EPA 300.0	EPA 300.0

BENZENE

Prep Date: 04/14/05

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Benzene		0.23	0.14	0.46		1	ug/L	Q	04/14/05	SW846 5030B	SW846 M8021
a,a,a-Trifluorotoluene		101				1	%Recov		04/14/05	SW846 5030B	SW846 M8021

METHANE

Prep Date: 04/22/05

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methane		2800			200	20	ug/L		04/22/05	SW846 M8015	SW846 M8015

PAH/ PNA

Prep Date: 04/14/05

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1-Methylnaphthalene		0.020	0.020	0.066		1	ug/L	Q	04/15/05	SW846 3510C	8270C-SIM
2-Methylnaphthalene	<	0.023	0.023	0.076		1	ug/L		04/15/05	SW846 3510C	8270C-SIM
Acenaphthene		0.030	0.019	0.065		1	ug/L	Q	04/15/05	SW846 3510C	8270C-SIM
Acenaphthylene	<	0.019	0.019	0.064		1	ug/L		04/15/05	SW846 3510C	8270C-SIM
Anthracene	<	0.018	0.018	0.059		1	ug/L		04/15/05	SW846 3510C	8270C-SIM
Benzo(a)anthracene	<	0.020	0.020	0.065		1	ug/L		04/15/05	SW846 3510C	8270C-SIM
Benzo(a)pyrene	<	0.018	0.018	0.060		1	ug/L		04/15/05	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	<	0.018	0.018	0.060		1	ug/L		04/15/05	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	<	0.021	0.021	0.069		1	ug/L		04/15/05	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	<	0.019	0.019	0.064		1	ug/L		04/15/05	SW846 3510C	8270C-SIM
Chrysene	<	0.016	0.016	0.055		1	ug/L		04/15/05	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	<	0.022	0.022	0.073		1	ug/L		04/15/05	SW846 3510C	8270C-SIM
Fluoranthene	<	0.016	0.016	0.055		1	ug/L		04/15/05	SW846 3510C	8270C-SIM
Fluorene	<	0.022	0.022	0.073		1	ug/L		04/15/05	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	<	0.017	0.017	0.057		1	ug/L		04/15/05	SW846 3510C	8270C-SIM
Naphthalene		0.38	0.022	0.075		1	ug/L		04/15/05	SW846 3510C	8270C-SIM
Phenanthrene	<	0.020	0.020	0.068		1	ug/L		04/15/05	SW846 3510C	8270C-SIM
Pyrene	<	0.016	0.016	0.054		1	ug/L		04/15/05	SW846 3510C	8270C-SIM
Nitrobenzene-d5		61				1	%Recov		04/15/05	SW846 3510C	8270C-SIM
2-Fluorobiphenyl		46				1	%Recov		04/15/05	SW846 3510C	8270C-SIM
Terphenyl-d14		86				1	%Recov		04/15/05	SW846 3510C	8270C-SIM

En Chem
A Division of Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 858083

Client : NATURAL RESOURCE TECHNOLOGY
Project Name : WPSC - STEVENS POINT
Project Number : 1177
Field ID : OW-1

Matrix Type : GROUNDWATER
Collection Date : 04/11/05
Report Date : 04/26/05
Lab Sample Number : 858083-009

INORGANICS

Test		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Iron - Dissolved		30000	830	2800		50	ug/L		04/22/05	SW846 6010B	SW856 6010B
Alkalinity as CaCO3		230	32	110		5	mg/L		04/25/05	EPA 310.2	EPA 310.2
Nitrogen, NO3 + NO2	<	0.061	0.061	0.20		1	mg/L		04/14/05	EPA 353.2	EPA 353.2
Sulfate	<	0.83	0.83	2.8		1	mg/L		04/13/05	EPA 300.0	EPA 300.0

BENZENE

Prep Date: 04/14/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Benzene	0.26	0.14	0.46		1	ug/L	Q	04/14/05	SW846 5030B	SW846 M8021
a,a,a-Trifluorotoluene	100				1	%Recov		04/14/05	SW846 5030B	SW846 M8021

METHANE

Prep Date: 04/22/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methane	150			10	1	ug/L		04/22/05	SW846 M8015	SW846 M8015

PAH/ PNA

Prep Date: 04/14/05

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1-Methylnaphthalene	<	1.0	1.0	3.3		50	ug/L		04/15/05	SW846 3510C	8270C-SIM
2-Methylnaphthalene	<	1.1	1.1	3.8		50	ug/L		04/15/05	SW846 3510C	8270C-SIM
Acenaphthene		14	0.97	3.2		50	ug/L		04/15/05	SW846 3510C	8270C-SIM
Acenaphthylene	<	0.97	0.97	3.2		50	ug/L		04/15/05	SW846 3510C	8270C-SIM
Anthracene	<	0.88	0.88	2.9		50	ug/L		04/15/05	SW846 3510C	8270C-SIM
Benzo(a)anthracene	<	0.98	0.98	3.3		50	ug/L		04/15/05	SW846 3510C	8270C-SIM
Benzo(a)pyrene	<	0.91	0.91	3.0		50	ug/L		04/15/05	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	<	0.89	0.89	3.0		50	ug/L		04/15/05	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	<	1.0	1.0	3.4		50	ug/L		04/15/05	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	<	0.97	0.97	3.2		50	ug/L		04/15/05	SW846 3510C	8270C-SIM
Chrysene	<	0.82	0.82	2.7		50	ug/L		04/15/05	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	<	1.1	1.1	3.7		50	ug/L		04/15/05	SW846 3510C	8270C-SIM
Fluoranthene	<	0.82	0.82	2.7		50	ug/L		04/15/05	SW846 3510C	8270C-SIM
Fluorene	<	1.1	1.1	3.6		50	ug/L		04/15/05	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	<	0.85	0.85	2.8		50	ug/L		04/15/05	SW846 3510C	8270C-SIM
Naphthalene	<	1.1	1.1	3.7		50	ug/L		04/15/05	SW846 3510C	8270C-SIM
Phenanthrene	<	1.0	1.0	3.4		50	ug/L		04/15/05	SW846 3510C	8270C-SIM
Pyrene	<	0.81	0.81	2.7		50	ug/L		04/15/05	SW846 3510C	8270C-SIM
Nitrobenzene-d5		0				50	%Recov	D	04/15/05	SW846 3510C	8270C-SIM
2-Fluorobiphenyl		0				50	%Recov	D	04/15/05	SW846 3510C	8270C-SIM
Terphenyl-d14		0				50	%Recov	D	04/15/05	SW846 3510C	8270C-SIM

NO VALID DATA

Pace Analytical®

1241 Bellevue Street, Suite 9
Green Bay, WI 54302
920-469-2436, Fax: 920-469-8827

REVISED

Analytical Report Number: 858083

Client: NATURAL RESOURCE TECHNOLOGY

Lab Contact: Tom Trainor

Project Name: WPSC - STEVENS POINT

Project Number: 1177

Lab Sample Number	Field ID	Matrix	Collection Date
858083-009	OW-1	GW	04/11/05

MASTER FILE COPY
PROJECT #1177 - Data
CO:

I certify that the data contained in this Final Report has been generated and reviewed in accordance with approved methods and Laboratory Standard Operating Procedure. Exceptions, if any, are discussed in the accompanying sample comments. Release of this final report is authorized by Laboratory management, as is verified by the following signature. This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, Inc. The sample results relate only to the analytes of interest tested.

Tom Trainor

Approval Signature

5/19/05

Date

Pace Analytical Services, Inc.

Analytical Report Number: 858083

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

REVISED

Client : NATURAL RESOURCE TECHNOLOGY
Project Name : WPSC - STEVENS POINT
Project Number : 1177
Field ID : OW-1

Matrix Type : GROUNDWATER
Collection Date : 04/11/05
Report Date : 05/19/05
Lab Sample Number : 858083-009

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Iron - Dissolved	30000	830	2800		50	ug/L		04/22/05	SW846 6010B	SW856 6010B
Lead - Dissolved	< 1.5	1.5	5.1		1	ug/L		04/21/05	SW846 6010B	SW846 6010B
Alkalinity as CaCO3	230	32	110		5	mg/L		04/25/05	EPA 310.2	EPA 310.2
Nitrogen, NO3 + NO2	< 0.061	0.061	0.20		1	mg/L		04/14/05	EPA 353.2	EPA 353.2
Sulfate	< 0.83	0.83	2.8		1	mg/L		04/13/05	EPA 300.0	EPA 300.0

BENZENE

Prep Date: 04/14/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Benzene	0.26	0.14	0.46		1	ug/L	Q	04/14/05	SW846 5030B	SW846 M8021
a,a,a-Trifluorotoluene	100				1	%Recov		04/14/05	SW846 5030B	SW846 M8021

METHANE

Prep Date: 04/22/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methane	150			10	1	ug/L		04/22/05	SW846 M8015	SW846 M8015

PAH/ PNA

Prep Date: 04/14/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1-Methylnaphthalene	< 1.0	1.0	3.3		50	ug/L		04/15/05	SW846 3510C	8270C-SIM
2-Methylnaphthalene	< 1.1	1.1	3.8		50	ug/L		04/15/05	SW846 3510C	8270C-SIM
Acenaphthene	14	0.97	3.2		50	ug/L		04/15/05	SW846 3510C	8270C-SIM
Acenaphthylene	< 0.97	0.97	3.2		50	ug/L		04/15/05	SW846 3510C	8270C-SIM
Anthracene	< 0.88	0.88	2.9		50	ug/L		04/15/05	SW846 3510C	8270C-SIM
Benzo(a)anthracene	< 0.98	0.98	3.3		50	ug/L		04/15/05	SW846 3510C	8270C-SIM
Benzo(a)pyrene	< 0.91	0.91	3.0		50	ug/L		04/15/05	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	< 0.89	0.89	3.0		50	ug/L		04/15/05	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	< 1.0	1.0	3.4		50	ug/L		04/15/05	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	< 0.97	0.97	3.2		50	ug/L		04/15/05	SW846 3510C	8270C-SIM
Chrysene	< 0.82	0.82	2.7		50	ug/L		04/15/05	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	< 1.1	1.1	3.7		50	ug/L		04/15/05	SW846 3510C	8270C-SIM
Fluoranthene	< 0.82	0.82	2.7		50	ug/L		04/15/05	SW846 3510C	8270C-SIM
Fluorene	< 1.1	1.1	3.6		50	ug/L		04/15/05	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	< 0.85	0.85	2.8		50	ug/L		04/15/05	SW846 3510C	8270C-SIM
Naphthalene	< 1.1	1.1	3.7		50	ug/L		04/15/05	SW846 3510C	8270C-SIM
Phenanthrene	< 1.0	1.0	3.4		50	ug/L		04/15/05	SW846 3510C	8270C-SIM
Pyrene	< 0.81	0.81	2.7		50	ug/L		04/15/05	SW846 3510C	8270C-SIM
Nitrobenzene-d5	0				50	%Recov	D	04/15/05	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	0				50	%Recov	D	04/15/05	SW846 3510C	8270C-SIM
Terphenyl-d14	0				50	%Recov	D	04/15/05	SW846 3510C	8270C-SIM

Analysis Summary by Laboratory

REVISED

Test Group Name	858083-009
ALKALINITY AS CACO3	B
BENZENE	G
IRON - DISSOLVED	B
LEAD - DISSOLVED	B
METHANE	G
NITROGEN, NO3 + NO2	B
PAH/ PNA	B
SULFATE	B

Code	Facility	Address	WI Certification
B	Green Bay Lab (Bellevue St)	1241 Bellevue Street, Suite 9 Green Bay, WI 54302	405132750 / DATCP: 105-444
G	Green Bay Lab (Industrial Dr)	1795 Industrial Drive Green Bay, WI 54302	405132750

En Chem

A Division of Pace Analytical Services, Inc.

Analytical Report Number: 858083

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : NATURAL RESOURCE TECHNOLOGY
Project Name : WPSC - STEVENS POINT
Project Number : 1177
Field ID : OW-5R

Matrix Type : GROUNDWATER
Collection Date : 04/11/05
Report Date : 04/26/05
Lab Sample Number : 858083-010

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Iron - Dissolved	30000	17	55		1	ug/L		04/21/05	SW846 6010B	SW846 6010B
Alkalinity as CaCO3	360	63	210		10	mg/L		04/25/05	EPA 310.2	EPA 310.2
Nitrogen, NO3 + NO2	< 0.061	0.061	0.20		1	mg/L		04/14/05	EPA 353.2	EPA 353.2
Sulfate	410	8.3	28		10	mg/L		04/13/05	EPA 300.0	EPA 300.0

BENZENE

Prep Date: 04/14/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Benzene	1.8	0.14	0.46		1	ug/L		04/14/05	SW846 5030B	SW846 M8021
a,a,a-Trifluorotoluene	104				1	%Recov		04/14/05	SW846 5030B	SW846 M8021

METHANE

Prep Date: 04/22/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methane	190			10	1	ug/L		04/22/05	SW846 M8015	SW846 M8015

PAH/ PNA

Prep Date: 04/14/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1-Methylnaphthalene	6.8	0.40	1.3		20	ug/L		04/15/05	SW846 3510C	8270C-SIM
2-Methylnaphthalene	< 0.45	0.45	1.5		20	ug/L		04/15/05	SW846 3510C	8270C-SIM
Acenaphthene	6.9	0.39	1.3		20	ug/L		04/15/05	SW846 3510C	8270C-SIM
Acenaphthylene	3.8	0.39	1.3		20	ug/L		04/15/05	SW846 3510C	8270C-SIM
Anthracene	1.5	0.35	1.2		20	ug/L		04/15/05	SW846 3510C	8270C-SIM
Benzo(a)anthracene	< 0.39	0.39	1.3		20	ug/L		04/15/05	SW846 3510C	8270C-SIM
Benzo(a)pyrene	< 0.36	0.36	1.2		20	ug/L		04/15/05	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	< 0.36	0.36	1.2		20	ug/L		04/15/05	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	< 0.41	0.41	1.4		20	ug/L		04/15/05	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	< 0.39	0.39	1.3		20	ug/L		04/15/05	SW846 3510C	8270C-SIM
Chrysene	< 0.33	0.33	1.1		20	ug/L		04/15/05	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	< 0.44	0.44	1.5		20	ug/L		04/15/05	SW846 3510C	8270C-SIM
Fluoranthene	2.3	0.33	1.1		20	ug/L		04/15/05	SW846 3510C	8270C-SIM
Fluorene	3.6	0.44	1.5		20	ug/L		04/15/05	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	< 0.34	0.34	1.1		20	ug/L		04/15/05	SW846 3510C	8270C-SIM
Naphthalene	6.0	0.45	1.5		20	ug/L		04/15/05	SW846 3510C	8270C-SIM
Phenanthrene	4.6	0.41	1.4		20	ug/L		04/15/05	SW846 3510C	8270C-SIM
Pyrene	1.6	0.33	1.1		20	ug/L		04/15/05	SW846 3510C	8270C-SIM
Nitrobenzene-d5	0				20	%Recov	D	04/15/05	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	0				20	%Recov	D	04/15/05	SW846 3510C	8270C-SIM
Terphenyl-d14	0				20	%Recov	D	04/15/05	SW846 3510C	8270C-SIM

En Chem

A Division of Pace Analytical Services, Inc.

Analytical Report Number: 858083

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : NATURAL RESOURCE TECHNOLOGY
Project Name : WPSC - STEVENS POINT
Project Number : 1177
Field ID : P-5B

Matrix Type : GROUNDWATER
Collection Date : 04/11/05
Report Date : 04/26/05
Lab Sample Number : 858083-011

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Iron - Dissolved	1500	17	55		1	ug/L		04/21/05	SW846 6010B	SW846 6010B
Alkalinity as CaCO3	150	6.3	21		1	mg/L		04/25/05	EPA 310.2	EPA 310.2
Nitrogen, NO3 + NO2	< 0.061	0.061	0.20		1	mg/L		04/14/05	EPA 353.2	EPA 353.2
Sulfate	< 0.83	0.83	2.8		1	mg/L		04/13/05	EPA 300.0	EPA 300.0

BENZENE

Prep Date: 04/14/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Benzene	6.7	0.14	0.46		1	ug/L		04/14/05	SW846 5030B	SW846 M8021
a,a,a-Trifluorotoluene	103				1	%Recov		04/14/05	SW846 5030B	SW846 M8021

METHANE

Prep Date: 04/22/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methane	160			10	1	ug/L		04/22/05	SW846 M8015	SW846 M8015

PAH/ PNA

Prep Date: 04/14/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1-Methylnaphthalene	38	4.0	13		200	ug/L		04/15/05	SW846 3510C	8270C-SIM
2-Methylnaphthalene	< 4.5	4.5	15		200	ug/L		04/15/05	SW846 3510C	8270C-SIM
Acenaphthene	94	3.9	13		200	ug/L		04/15/05	SW846 3510C	8270C-SIM
Acenaphthylene	12	3.9	13		200	ug/L	Q	04/15/05	SW846 3510C	8270C-SIM
Anthracene	< 3.5	3.5	12		200	ug/L		04/15/05	SW846 3510C	8270C-SIM
Benzo(a)anthracene	< 3.9	3.9	13		200	ug/L		04/15/05	SW846 3510C	8270C-SIM
Benzo(a)pyrene	< 3.6	3.6	12		200	ug/L		04/15/05	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	< 3.6	3.6	12		200	ug/L		04/15/05	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	< 4.1	4.1	14		200	ug/L		04/15/05	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	< 3.9	3.9	13		200	ug/L		04/15/05	SW846 3510C	8270C-SIM
Chrysene	< 3.3	3.3	11		200	ug/L		04/15/05	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	< 4.4	4.4	15		200	ug/L		04/15/05	SW846 3510C	8270C-SIM
Fluoranthene	< 3.3	3.3	11		200	ug/L		04/15/05	SW846 3510C	8270C-SIM
Fluorene	21	4.4	15		200	ug/L		04/15/05	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	< 3.4	3.4	11		200	ug/L		04/15/05	SW846 3510C	8270C-SIM
Naphthalene	< 4.5	4.5	15		200	ug/L		04/15/05	SW846 3510C	8270C-SIM
Phenanthrene	< 4.1	4.1	14		200	ug/L		04/15/05	SW846 3510C	8270C-SIM
Pyrene	< 3.3	3.3	11		200	ug/L		04/15/05	SW846 3510C	8270C-SIM
Nitrobenzene-d5	0				200	%Recov	D	04/15/05	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	0				200	%Recov	D	04/15/05	SW846 3510C	8270C-SIM
Terphenyl-d14	0				200	%Recov	D	04/15/05	SW846 3510C	8270C-SIM

En Chem
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1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 858083

Client : NATURAL RESOURCE TECHNOLOGY
Project Name : WPSC - STEVENS POINT
Project Number : 1177
Field ID : OW-6

Matrix Type : GROUNDWATER
Collection Date : 04/11/05
Report Date : 04/26/05
Lab Sample Number : 858083-012

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Iron - Dissolved	12000	17	55		1	ug/L		04/21/05	SW846 6010B	SW846 6010B
Alkalinity as CaCO3	110	32	110		5	mg/L		04/25/05	EPA 310.2	EPA 310.2
Nitrogen, NO3 + NO2	< 0.061	0.061	0.20		1	mg/L		04/14/05	EPA 353.2	EPA 353.2
Sulfate	4.9	0.83	2.8		1	mg/L		04/13/05	EPA 300.0	EPA 300.0

BENZENE

Prep Date: 04/14/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Benzene	5.7	0.14	0.46		1	ug/L		04/14/05	SW846 5030B	SW846 M8021
a,a,a-Trifluorotoluene	104				1	%Recov		04/14/05	SW846 5030B	SW846 M8021

METHANE

Prep Date: 04/22/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methane	4900			250	25	ug/L		04/22/05	SW846 M8015	SW846 M8015

PAH/ PNA

Prep Date: 04/14/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1-Methylnaphthalene	7.2	0.40	1.3		20	ug/L		04/15/05	SW846 3510C	8270C-SIM
2-Methylnaphthalene	5.1	0.45	1.5		20	ug/L		04/15/05	SW846 3510C	8270C-SIM
Acenaphthene	9.6	3.1	10		160	ug/L	QD	04/15/05	SW846 3510C	8270C-SIM
Acenaphthylene	0.49	0.39	1.3		20	ug/L	Q	04/15/05	SW846 3510C	8270C-SIM
Anthracene	1.3	0.35	1.2		20	ug/L		04/15/05	SW846 3510C	8270C-SIM
Benzo(a)anthracene	< 0.39	0.39	1.3		20	ug/L		04/15/05	SW846 3510C	8270C-SIM
Benzo(a)pyrene	< 0.36	0.36	1.2		20	ug/L		04/15/05	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	< 0.36	0.36	1.2		20	ug/L		04/15/05	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	< 0.41	0.41	1.4		20	ug/L		04/15/05	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	< 0.39	0.39	1.3		20	ug/L		04/15/05	SW846 3510C	8270C-SIM
Chrysene	< 0.33	0.33	1.1		20	ug/L		04/15/05	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	< 0.44	0.44	1.5		20	ug/L		04/15/05	SW846 3510C	8270C-SIM
Fluoranthene	1.2	0.33	1.1		20	ug/L		04/15/05	SW846 3510C	8270C-SIM
Fluorene	4.5	0.44	1.5		20	ug/L		04/15/05	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	< 0.34	0.34	1.1		20	ug/L		04/15/05	SW846 3510C	8270C-SIM
Naphthalene	45	3.6	12		160	ug/L	D	04/15/05	SW846 3510C	8270C-SIM
Phenanthrene	4.0	0.41	1.4		20	ug/L		04/15/05	SW846 3510C	8270C-SIM
Pyrene	1.1	0.33	1.1		20	ug/L		04/15/05	SW846 3510C	8270C-SIM
Nitrobenzene-d5	0				20	%Recov	D	04/15/05	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	0				20	%Recov	D	04/15/05	SW846 3510C	8270C-SIM
Terphenyl-d14	0				20	%Recov	D	04/15/05	SW846 3510C	8270C-SIM

En Chem

A Division of Pace Analytical Services, Inc.

Analytical Report Number: 858083

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : NATURAL RESOURCE TECHNOLOGY
Project Name : WPSC - STEVENS POINT
Project Number : 1177
Field ID : OW-7A

Matrix Type : GROUNDWATER
Collection Date : 04/11/05
Report Date : 04/26/05
Lab Sample Number : 858083-013

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Iron - Dissolved	8300	17	55		1	ug/L		04/21/05	SW846 6010B	SW846 6010B
Alkalinity as CaCO3	110	32	110		5	mg/L		04/25/05	EPA 310.2	EPA 310.2
Nitrogen, NO3 + NO2	< 0.061	0.061	0.20		1	mg/L		04/14/05	EPA 353.2	EPA 353.2
Sulfate	1.3	0.83	2.8		1	mg/L	Q	04/13/05	EPA 300.0	EPA 300.0

BENZENE

Prep Date: 04/14/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Benzene	8.1	0.14	0.46		1	ug/L		04/14/05	SW846 5030B	SW846 M8021
a,a,a-Trifluorotoluene	104				1	%Recov		04/14/05	SW846 5030B	SW846 M8021

METHANE

Prep Date: 04/22/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methane	6100			500	50	ug/L		04/22/05	SW846 M8015	SW846 M8015

PAH/ PNA

Prep Date: 04/14/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1-Methylnaphthalene	13	2.0	6.6		100	ug/L		04/15/05	SW846 3510C	8270C-SIM
2-Methylnaphthalene	11	2.3	7.6		100	ug/L		04/15/05	SW846 3510C	8270C-SIM
Acenaphthene	20	1.9	6.5		100	ug/L		04/15/05	SW846 3510C	8270C-SIM
Acenaphthylene	< 1.9	1.9	6.4		100	ug/L		04/15/05	SW846 3510C	8270C-SIM
Anthracene	4.0	1.8	5.9		100	ug/L	Q	04/15/05	SW846 3510C	8270C-SIM
Benzo(a)anthracene	< 2.0	2.0	6.5		100	ug/L		04/15/05	SW846 3510C	8270C-SIM
Benzo(a)pyrene	< 1.8	1.8	6.0		100	ug/L		04/15/05	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	< 1.8	1.8	6.0		100	ug/L		04/15/05	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	< 2.1	2.1	6.9		100	ug/L		04/15/05	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	< 1.9	1.9	6.4		100	ug/L		04/15/05	SW846 3510C	8270C-SIM
Chrysene	< 1.6	1.6	5.5		100	ug/L		04/15/05	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	< 2.2	2.2	7.3		100	ug/L		04/15/05	SW846 3510C	8270C-SIM
Fluoranthene	2.7	1.6	5.5		100	ug/L	Q	04/15/05	SW846 3510C	8270C-SIM
Fluorene	8.9	2.2	7.3		100	ug/L		04/15/05	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	< 1.7	1.7	5.7		100	ug/L		04/15/05	SW846 3510C	8270C-SIM
Naphthalene	65	4.5	15		200	ug/L	D	04/15/05	SW846 3510C	8270C-SIM
Phenanthrene	9.2	2.0	6.8		100	ug/L		04/15/05	SW846 3510C	8270C-SIM
Pyrene	3.8	1.6	5.4		100	ug/L	Q	04/15/05	SW846 3510C	8270C-SIM
Nitrobenzene-d5	0				100	%Recov	D	04/15/05	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	0				100	%Recov	D	04/15/05	SW846 3510C	8270C-SIM
Terphenyl-d14	0				100	%Recov	D	04/15/05	SW846 3510C	8270C-SIM

En Chem

A Division of Pace Analytical Services, Inc.

Analytical Report Number: 858083

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : NATURAL RESOURCE TECHNOLOGY
Project Name : WPSC - STEVENS POINT
Project Number : 1177
Field ID : PZ-7B

Matrix Type : GROUNDWATER
Collection Date : 04/11/05
Report Date : 04/26/05
Lab Sample Number : 858083-014

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Iron - Dissolved	1600	17	55		1	ug/L		04/21/05	SW846 6010B	SW846 6010B
Alkalinity as CaCO3	110	6.3	21		1	mg/L		04/25/05	EPA 310.2	EPA 310.2
Nitrogen, NO3 + NO2	< 0.061	0.061	0.20		1	mg/L		04/14/05	EPA 353.2	EPA 353.2
Sulfate	< 0.83	0.83	2.8		1	mg/L		04/13/05	EPA 300.0	EPA 300.0

BENZENE

Prep Date: 04/14/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Benzene	1.5	0.14	0.46		1	ug/L		04/14/05	SW846 5030B	SW846 M8021
a,a,a-Trifluorotoluene	108				1	%Recov		04/14/05	SW846 5030B	SW846 M8021

METHANE

Prep Date: 04/22/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methane	1500			100	10	ug/L		04/22/05	SW846 M8015	SW846 M8015

PAH/ PNA

Prep Date: 04/14/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1-Methylnaphthalene	120	40	130		2000	ug/L	QD	04/18/05	SW846 3510C	8270C-SIM
2-Methylnaphthalene	130	45	150		2000	ug/L	QD	04/18/05	SW846 3510C	8270C-SIM
Acenaphthene	84	3.9	13		200	ug/L		04/15/05	SW846 3510C	8270C-SIM
Acenaphthylene	41	3.9	13		200	ug/L		04/15/05	SW846 3510C	8270C-SIM
Anthracene	16	3.5	12		200	ug/L		04/15/05	SW846 3510C	8270C-SIM
Benzo(a)anthracene	< 3.9	3.9	13		200	ug/L		04/15/05	SW846 3510C	8270C-SIM
Benzo(a)pyrene	< 3.6	3.6	12		200	ug/L		04/15/05	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	< 3.6	3.6	12		200	ug/L		04/15/05	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	< 4.1	4.1	14		200	ug/L		04/15/05	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	< 3.9	3.9	13		200	ug/L		04/15/05	SW846 3510C	8270C-SIM
Chrysene	< 3.3	3.3	11		200	ug/L		04/15/05	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	< 4.4	4.4	15		200	ug/L		04/15/05	SW846 3510C	8270C-SIM
Fluoranthene	< 3.3	3.3	11		200	ug/L		04/15/05	SW846 3510C	8270C-SIM
Fluorene	19	4.4	15		200	ug/L		04/15/05	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	< 3.4	3.4	11		200	ug/L		04/15/05	SW846 3510C	8270C-SIM
Naphthalene	700	45	150		2000	ug/L	D	04/18/05	SW846 3510C	8270C-SIM
Phenanthrene	39	4.1	14		200	ug/L		04/15/05	SW846 3510C	8270C-SIM
Pyrene	< 3.3	3.3	11		200	ug/L		04/15/05	SW846 3510C	8270C-SIM
Nitrobenzene-d5	0				200	%Recov	D	04/15/05	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	0				200	%Recov	D	04/15/05	SW846 3510C	8270C-SIM
Terphenyl-d14	0				200	%Recov	D	04/15/05	SW846 3510C	8270C-SIM

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1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 858083

Client : NATURAL RESOURCE TECHNOLOGY
Project Name : WPSC - STEVENS POINT
Project Number : 1177
Field ID : QC-1

Matrix Type : GROUNDWATER
Collection Date : 04/11/05
Report Date : 04/26/05
Lab Sample Number : 858083-015

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Iron - Dissolved	19000	17	55		1	ug/L		04/21/05	SW846 6010B	SW846 6010B
Alkalinity as CaCO3	100	6.3	21		1	mg/L		04/25/05	EPA 310.2	EPA 310.2
Nitrogen, NO3 + NO2	< 0.061	0.061	0.20		1	mg/L	N	04/14/05	EPA 353.2	EPA 353.2
Sulfate	1.5	0.83	2.8		1	mg/L	Q	04/13/05	EPA 300.0	EPA 300.0

BENZENE

Prep Date: 04/14/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Benzene	0.22	0.14	0.46		1	ug/L	Q	04/14/05	SW846 5030B	SW846 M8021
a,a,a-Trifluorotoluene	104				1	%Recov		04/14/05	SW846 5030B	SW846 M8021

METHANE

Prep Date: 04/22/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methane	2700			250	25	ug/L		04/22/05	SW846 M8015	SW846 M8015

PAH/ PNA

Prep Date: 04/14/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1-Methylnaphthalene	0.11	0.040	0.13		2	ug/L	Q	04/18/05	SW846 3510C	8270C-SIM
2-Methylnaphthalene	< 0.045	0.045	0.15		2	ug/L		04/18/05	SW846 3510C	8270C-SIM
Acenaphthene	0.078	0.039	0.13		2	ug/L	Q	04/18/05	SW846 3510C	8270C-SIM
Acenaphthylene	< 0.039	0.039	0.13		2	ug/L		04/18/05	SW846 3510C	8270C-SIM
Anthracene	< 0.035	0.035	0.12		2	ug/L		04/18/05	SW846 3510C	8270C-SIM
Benzo(a)anthracene	< 0.039	0.039	0.13		2	ug/L		04/18/05	SW846 3510C	8270C-SIM
Benzo(a)pyrene	< 0.036	0.036	0.12		2	ug/L		04/18/05	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	< 0.036	0.036	0.12		2	ug/L		04/18/05	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	< 0.041	0.041	0.14		2	ug/L		04/18/05	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	< 0.039	0.039	0.13		2	ug/L		04/18/05	SW846 3510C	8270C-SIM
Chrysene	< 0.033	0.033	0.11		2	ug/L		04/18/05	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	< 0.044	0.044	0.15		2	ug/L		04/18/05	SW846 3510C	8270C-SIM
Fluoranthene	< 0.033	0.033	0.11		2	ug/L		04/18/05	SW846 3510C	8270C-SIM
Fluorene	< 0.044	0.044	0.15		2	ug/L		04/18/05	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	< 0.034	0.034	0.11		2	ug/L		04/18/05	SW846 3510C	8270C-SIM
Naphthalene	1.2	0.089	0.30		4	ug/L	D	04/18/05	SW846 3510C	8270C-SIM
Phenanthrene	< 0.041	0.041	0.14		2	ug/L		04/18/05	SW846 3510C	8270C-SIM
Pyrene	< 0.033	0.033	0.11		2	ug/L		04/18/05	SW846 3510C	8270C-SIM
Nitrobenzene-d5	46				2	%Recov		04/18/05	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	56				2	%Recov		04/18/05	SW846 3510C	8270C-SIM
Terphenyl-d14	94				2	%Recov		04/18/05	SW846 3510C	8270C-SIM

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Analytical Report Number: 858083

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : NATURAL RESOURCE TECHNOLOGY
Project Name : WPSC - STEVENS POINT
Project Number : 1177
Field ID : QC-2

Matrix Type : GROUNDWATER
Collection Date : 04/11/05
Report Date : 04/26/05
Lab Sample Number : 858083-016

BENZENE

Prep Date: 04/14/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Benzene	0.32	0.14	0.46		1	ug/L	Q	04/14/05	SW846 5030B	SW846 M8021
a,a,a-Trifluorotoluene	104				1	%Recov		04/14/05	SW846 5030B	SW846 M8021

PAH/ PNA

Prep Date: 04/14/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1-Methylnaphthalene	0.92	0.020	0.066		1	ug/L	E	04/15/05	SW846 3510C	8270C-SIM
2-Methylnaphthalene	0.036	0.023	0.076		1	ug/L	Q	04/15/05	SW846 3510C	8270C-SIM
Acenaphthene	18	1.9	6.5		100	ug/L	D	04/18/05	SW846 3510C	8270C-SIM
Acenaphthylene	0.29	0.019	0.064		1	ug/L		04/15/05	SW846 3510C	8270C-SIM
Anthracene	0.029	0.018	0.059		1	ug/L	Q	04/15/05	SW846 3510C	8270C-SIM
Benzo(a)anthracene	< 0.020	0.020	0.065		1	ug/L		04/15/05	SW846 3510C	8270C-SIM
Benzo(a)pyrene	< 0.018	0.018	0.060		1	ug/L		04/15/05	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	< 0.018	0.018	0.060		1	ug/L		04/15/05	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	< 0.021	0.021	0.069		1	ug/L		04/15/05	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	< 0.019	0.019	0.064		1	ug/L		04/15/05	SW846 3510C	8270C-SIM
Chrysene	< 0.016	0.016	0.055		1	ug/L		04/15/05	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	< 0.022	0.022	0.073		1	ug/L		04/15/05	SW846 3510C	8270C-SIM
Fluoranthene	0.020	0.016	0.055		1	ug/L	Q	04/15/05	SW846 3510C	8270C-SIM
Fluorene	1.0	0.022	0.073		1	ug/L	E	04/15/05	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	< 0.017	0.017	0.057		1	ug/L		04/15/05	SW846 3510C	8270C-SIM
Naphthalene	1.1	0.022	0.075		1	ug/L	E	04/15/05	SW846 3510C	8270C-SIM
Phenanthrene	0.58	0.020	0.068		1	ug/L	E	04/15/05	SW846 3510C	8270C-SIM
Pyrene	< 0.016	0.016	0.054		1	ug/L		04/15/05	SW846 3510C	8270C-SIM
Nitrobenzene-d5	78				1	%Recov		04/15/05	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	58				1	%Recov		04/15/05	SW846 3510C	8270C-SIM
Terphenyl-d14	79				1	%Recov		04/15/05	SW846 3510C	8270C-SIM

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Analytical Report Number: 858083

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : NATURAL RESOURCE TECHNOLOGY
Project Name : WPSC - STEVENS POINT
Project Number : 1177
Field ID : OW-9

Matrix Type : GROUNDWATER
Collection Date : 04/12/05
Report Date : 04/26/05
Lab Sample Number : 858083-017

INORGANICS

Test		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Iron - Dissolved		8800	17	55		1	ug/L		04/21/05	SW846 6010B	SW846 6010B
Alkalinity as CaCO3		210	32	110		5	mg/L		04/25/05	EPA 310.2	EPA 310.2
Nitrogen, NO3 + NO2	<	0.061	0.061	0.20		1	mg/L		04/14/05	EPA 353.2	EPA 353.2
Sulfate		2.2	0.83	2.8		1	mg/L	Q	04/13/05	EPA 300.0	EPA 300.0

BENZENE

Prep Date: 04/14/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Benzene	100	0.14	0.46		1	ug/L		04/14/05	SW846 5030B	SW846 M8021
a,a,a-Trifluorotoluene	101				1	%Recov		04/14/05	SW846 5030B	SW846 M8021

METHANE

Prep Date: 04/22/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methane	1900			250	25	ug/L		04/22/05	SW846 M8015	SW846 M8015

PAH/ PNA

Prep Date: 04/14/05

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1-Methylnaphthalene		130	2.0	6.6		100	ug/L	E	04/15/05	SW846 3510C	8270C-SIM
2-Methylnaphthalene		20	2.3	7.6		100	ug/L		04/15/05	SW846 3510C	8270C-SIM
Acenaphthene		100	97	320		5000	ug/L	QD	04/15/05	SW846 3510C	8270C-SIM
Acenaphthylene		31	1.9	6.4		100	ug/L		04/15/05	SW846 3510C	8270C-SIM
Anthracene		5.2	1.8	5.9		100	ug/L	Q	04/15/05	SW846 3510C	8270C-SIM
Benzo(a)anthracene	<	2.0	2.0	6.5		100	ug/L		04/15/05	SW846 3510C	8270C-SIM
Benzo(a)pyrene	<	1.8	1.8	6.0		100	ug/L		04/15/05	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	<	1.8	1.8	6.0		100	ug/L		04/15/05	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	<	2.1	2.1	6.9		100	ug/L		04/15/05	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	<	1.9	1.9	6.4		100	ug/L		04/15/05	SW846 3510C	8270C-SIM
Chrysene	<	1.6	1.6	5.5		100	ug/L		04/15/05	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	<	2.2	2.2	7.3		100	ug/L		04/15/05	SW846 3510C	8270C-SIM
Fluoranthene		4.9	1.6	5.5		100	ug/L	Q	04/15/05	SW846 3510C	8270C-SIM
Fluorene		42	2.2	7.3		100	ug/L		04/15/05	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	<	1.7	1.7	5.7		100	ug/L		04/15/05	SW846 3510C	8270C-SIM
Naphthalene		1100	110	370		5000	ug/L	D	04/15/05	SW846 3510C	8270C-SIM
Phenanthrene		56	2.0	6.8		100	ug/L	E	04/15/05	SW846 3510C	8270C-SIM
Pyrene		2.7	1.6	5.4		100	ug/L	Q	04/15/05	SW846 3510C	8270C-SIM
Nitrobenzene-d5		0				100	%Recov	D	04/15/05	SW846 3510C	8270C-SIM
2-Fluorobiphenyl		0				100	%Recov	D	04/15/05	SW846 3510C	8270C-SIM
Terphenyl-d14		0				100	%Recov	D	04/15/05	SW846 3510C	8270C-SIM

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A Division of Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 858083

Client : NATURAL RESOURCE TECHNOLOGY
Project Name : WPSC - STEVENS POINT
Project Number : 1177
Field ID : PZ-9B

Matrix Type : GROUNDWATER
Collection Date : 04/12/05
Report Date : 04/26/05
Lab Sample Number : 858083-018

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Iron - Dissolved	3300	17	55		1	ug/L		04/21/05	SW846 6010B	SW846 6010B
Alkalinity as CaCO3	120	6.3	21		1	mg/L		04/25/05	EPA 310.2	EPA 310.2
Nitrogen, NO3 + NO2	0.12	0.061	0.20		1	mg/L	Q	04/14/05	EPA 353.2	EPA 353.2
Sulfate	11	0.83	2.8		1	mg/L		04/13/05	EPA 300.0	EPA 300.0

BENZENE

Prep Date: 04/15/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Benzene	< 0.14	0.14	0.46		1	ug/L		04/15/05	SW846 5030B	SW846 M8021
a,a,a-Trifluorotoluene	104				1	%Recov		04/15/05	SW846 5030B	SW846 M8021

METHANE

Prep Date: 04/22/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methane	< 10			10	1	ug/L		04/22/05	SW846 M8015	SW846 M8015

PAH/ PNA

Prep Date: 04/14/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1-Methylnaphthalene	0.18	0.020	0.066		1	ug/L		04/15/05	SW846 3510C	8270C-SIM
2-Methylnaphthalene	< 0.023	0.023	0.076		1	ug/L		04/15/05	SW846 3510C	8270C-SIM
Acenaphthene	0.40	0.019	0.065		1	ug/L		04/15/05	SW846 3510C	8270C-SIM
Acenaphthylene	0.021	0.019	0.064		1	ug/L	Q	04/15/05	SW846 3510C	8270C-SIM
Anthracene	< 0.018	0.018	0.059		1	ug/L		04/15/05	SW846 3510C	8270C-SIM
Benzo(a)anthracene	< 0.020	0.020	0.065		1	ug/L		04/15/05	SW846 3510C	8270C-SIM
Benzo(a)pyrene	< 0.018	0.018	0.060		1	ug/L		04/15/05	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	< 0.018	0.018	0.060		1	ug/L		04/15/05	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	< 0.021	0.021	0.069		1	ug/L		04/15/05	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	< 0.019	0.019	0.064		1	ug/L		04/15/05	SW846 3510C	8270C-SIM
Chrysene	< 0.016	0.016	0.055		1	ug/L		04/15/05	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	< 0.022	0.022	0.073		1	ug/L		04/15/05	SW846 3510C	8270C-SIM
Fluoranthene	< 0.016	0.016	0.055		1	ug/L		04/15/05	SW846 3510C	8270C-SIM
Fluorene	< 0.022	0.022	0.073		1	ug/L		04/15/05	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	< 0.017	0.017	0.057		1	ug/L		04/15/05	SW846 3510C	8270C-SIM
Naphthalene	0.58	0.045	0.15		2	ug/L	D	04/18/05	SW846 3510C	8270C-SIM
Phenanthrene	< 0.020	0.020	0.068		1	ug/L		04/15/05	SW846 3510C	8270C-SIM
Pyrene	< 0.016	0.016	0.054		1	ug/L		04/15/05	SW846 3510C	8270C-SIM
Nitrobenzene-d5	58				1	%Recov		04/15/05	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	44				1	%Recov		04/15/05	SW846 3510C	8270C-SIM
Terphenyl-d14	79				1	%Recov		04/15/05	SW846 3510C	8270C-SIM

En Chem
A Division of Pace Analytical Services, Inc.

Analytical Report Number: 858083

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : NATURAL RESOURCE TECHNOLOGY
Project Name : WPSC - STEVENS POINT
Project Number : 1177
Field ID : OW-10

Matrix Type : GROUNDWATER
Collection Date : 04/12/05
Report Date : 04/26/05
Lab Sample Number : 858083-019

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Iron - Dissolved	13000	17	55		1	ug/L		04/21/05	SW846 6010B	SW846 6010B
Alkalinity as CaCO3	670	32	110		5	mg/L		04/25/05	EPA 310.2	EPA 310.2
Nitrogen, NO3 + NO2	< 0.061	0.061	0.20		1	mg/L		04/14/05	EPA 353.2	EPA 353.2
Sulfate	16	0.83	2.8		1	mg/L		04/13/05	EPA 300.0	EPA 300.0

BENZENE

Prep Date: 04/14/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Benzene	47	0.14	0.46		1	ug/L		04/14/05	SW846 5030B	SW846 M8021
a,a,a-Trifluorotoluene	102				1	%Recov		04/14/05	SW846 5030B	SW846 M8021

METHANE

Prep Date: 04/22/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methane	2000			200	20	ug/L		04/22/05	SW846 M8015	SW846 M8015

PAH/ PNA

Prep Date: 04/14/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1-Methylnaphthalene	30	20	66		1000	ug/L	QD	04/15/05	SW846 3510C	8270C-SIM
2-Methylnaphthalene	3.3	0.45	1.5		20	ug/L		04/15/05	SW846 3510C	8270C-SIM
Acenaphthene	20	19	65		1000	ug/L	QD	04/15/05	SW846 3510C	8270C-SIM
Acenaphthylene	7.1	0.39	1.3		20	ug/L		04/15/05	SW846 3510C	8270C-SIM
Anthracene	< 0.35	0.35	1.2		20	ug/L		04/15/05	SW846 3510C	8270C-SIM
Benzo(a)anthracene	< 0.39	0.39	1.3		20	ug/L		04/15/05	SW846 3510C	8270C-SIM
Benzo(a)pyrene	< 0.36	0.36	1.2		20	ug/L		04/15/05	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	< 0.36	0.36	1.2		20	ug/L		04/15/05	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	< 0.41	0.41	1.4		20	ug/L		04/15/05	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	< 0.39	0.39	1.3		20	ug/L		04/15/05	SW846 3510C	8270C-SIM
Chrysene	< 0.33	0.33	1.1		20	ug/L		04/15/05	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	< 0.44	0.44	1.5		20	ug/L		04/15/05	SW846 3510C	8270C-SIM
Fluoranthene	< 0.33	0.33	1.1		20	ug/L		04/15/05	SW846 3510C	8270C-SIM
Fluorene	4.0	0.44	1.5		20	ug/L		04/15/05	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	< 0.34	0.34	1.1		20	ug/L		04/15/05	SW846 3510C	8270C-SIM
Naphthalene	340	22	75		1000	ug/L	D	04/15/05	SW846 3510C	8270C-SIM
Phenanthrene	< 0.41	0.41	1.4		20	ug/L		04/15/05	SW846 3510C	8270C-SIM
Pyrene	< 0.33	0.33	1.1		20	ug/L		04/15/05	SW846 3510C	8270C-SIM
Nitrobenzene-d5	0				20	%Recov	D	04/15/05	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	0				20	%Recov	D	04/15/05	SW846 3510C	8270C-SIM
Terphenyl-d14	0				20	%Recov	D	04/15/05	SW846 3510C	8270C-SIM

En Chem

A Division of Pace Analytical Services, Inc.

Analytical Report Number: 858083

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : NATURAL RESOURCE TECHNOLOGY
Project Name : WPSC - STEVENS POINT
Project Number : 1177
Field ID : PZ-10B

Matrix Type : GROUNDWATER
Collection Date : 04/12/05
Report Date : 04/26/05
Lab Sample Number : 858083-020

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Iron - Dissolved	< 17	17	55		1	ug/L		04/21/05	SW846 6010B	SW846 6010B
Alkalinity as CaCO3	150	6.3	21		1	mg/L		04/25/05	EPA 310.2	EPA 310.2
Nitrogen, NO3 + NO2	0.11	0.061	0.20		1	mg/L	Q	04/14/05	EPA 353.2	EPA 353.2
Sulfate	15	0.83	2.8		1	mg/L		04/13/05	EPA 300.0	EPA 300.0

BENZENE

Prep Date: 04/14/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Benzene	< 0.14	0.14	0.46		1	ug/L		04/14/05	SW846 5030B	SW846 M8021
a,a,a-Trifluorotoluene	104				1	%Recov		04/14/05	SW846 5030B	SW846 M8021

METHANE

Prep Date: 04/22/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methane	< 10			10	1	ug/L		04/22/05	SW846 M8015	SW846 M8015

PAH/ PNA

Prep Date: 04/14/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1-Methylnaphthalene	< 0.020	0.020	0.066		1	ug/L		04/15/05	SW846 3510C	8270C-SIM
2-Methylnaphthalene	< 0.023	0.023	0.076		1	ug/L		04/15/05	SW846 3510C	8270C-SIM
Acenaphthene	0.033	0.019	0.065		1	ug/L	Q	04/15/05	SW846 3510C	8270C-SIM
Acenaphthylene	< 0.019	0.019	0.064		1	ug/L		04/15/05	SW846 3510C	8270C-SIM
Anthracene	< 0.018	0.018	0.059		1	ug/L		04/15/05	SW846 3510C	8270C-SIM
Benzo(a)anthracene	< 0.020	0.020	0.065		1	ug/L		04/15/05	SW846 3510C	8270C-SIM
Benzo(a)pyrene	< 0.018	0.018	0.060		1	ug/L		04/15/05	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	< 0.018	0.018	0.060		1	ug/L		04/15/05	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	< 0.021	0.021	0.069		1	ug/L		04/15/05	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	< 0.019	0.019	0.064		1	ug/L		04/15/05	SW846 3510C	8270C-SIM
Chrysene	< 0.016	0.016	0.055		1	ug/L		04/15/05	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	< 0.022	0.022	0.073		1	ug/L		04/15/05	SW846 3510C	8270C-SIM
Fluoranthene	0.018	0.016	0.055		1	ug/L	Q	04/15/05	SW846 3510C	8270C-SIM
Fluorene	< 0.022	0.022	0.073		1	ug/L		04/15/05	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	< 0.017	0.017	0.057		1	ug/L		04/15/05	SW846 3510C	8270C-SIM
Naphthalene	0.040	0.022	0.075		1	ug/L	Q	04/15/05	SW846 3510C	8270C-SIM
Phenanthrene	< 0.020	0.020	0.068		1	ug/L		04/15/05	SW846 3510C	8270C-SIM
Pyrene	< 0.016	0.016	0.054		1	ug/L		04/15/05	SW846 3510C	8270C-SIM
Nitrobenzene-d5	72				1	%Recov		04/15/05	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	50				1	%Recov		04/15/05	SW846 3510C	8270C-SIM
Terphenyl-d14	92				1	%Recov		04/15/05	SW846 3510C	8270C-SIM

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A Division of Pace Analytical Services, Inc.

Analytical Report Number: 858083

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : NATURAL RESOURCE TECHNOLOGY
Project Name : WPSC - STEVENS POINT
Project Number : 1177
Field ID : OW-12

Matrix Type : GROUNDWATER
Collection Date : 04/12/05
Report Date : 04/26/05
Lab Sample Number : 858083-021

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Iron - Dissolved	28000	17	55		1	ug/L		04/21/05	SW846 6010B	SW846 6010B
Alkalinity as CaCO3	97	6.3	21		1	mg/L	N	04/25/05	EPA 310.2	EPA 310.2
Nitrogen, NO3 + NO2	< 0.061	0.061	0.20		1	mg/L		04/14/05	EPA 353.2	EPA 353.2
Sulfate	3.1	0.83	2.8		1	mg/L		04/13/05	EPA 300.0	EPA 300.0

BENZENE

Prep Date: 04/14/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Benzene	3.6	0.14	0.46		1	ug/L		04/14/05	SW846 5030B	SW846 M8021
a,a,a-Trifluorotoluene	104				1	%Recov		04/14/05	SW846 5030B	SW846 M8021

METHANE

Prep Date: 04/22/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methane	1600			250	25	ug/L		04/22/05	SW846 M8015	SW846 M8015

PAH/ PNA

Prep Date: 04/14/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1-Methylnaphthalene	6.6	2.0	6.6		100	ug/L	Q	04/15/05	SW846 3510C	8270C-SIM
2-Methylnaphthalene	< 2.3	2.3	7.6		100	ug/L		04/15/05	SW846 3510C	8270C-SIM
Acenaphthene	20	1.9	6.5		100	ug/L		04/15/05	SW846 3510C	8270C-SIM
Acenaphthylene	< 1.9	1.9	6.4		100	ug/L		04/15/05	SW846 3510C	8270C-SIM
Anthracene	5.0	1.8	5.9		100	ug/L	Q	04/15/05	SW846 3510C	8270C-SIM
Benzo(a)anthracene	< 2.0	2.0	6.5		100	ug/L		04/15/05	SW846 3510C	8270C-SIM
Benzo(a)pyrene	< 1.8	1.8	6.0		100	ug/L		04/15/05	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	< 1.8	1.8	6.0		100	ug/L		04/15/05	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	< 2.1	2.1	6.9		100	ug/L		04/15/05	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	< 1.9	1.9	6.4		100	ug/L		04/15/05	SW846 3510C	8270C-SIM
Chrysene	< 1.6	1.6	5.5		100	ug/L		04/15/05	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	< 2.2	2.2	7.3		100	ug/L		04/15/05	SW846 3510C	8270C-SIM
Fluoranthene	2.0	1.6	5.5		100	ug/L	Q	04/15/05	SW846 3510C	8270C-SIM
Fluorene	7.2	2.2	7.3		100	ug/L	Q	04/15/05	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	< 1.7	1.7	5.7		100	ug/L		04/15/05	SW846 3510C	8270C-SIM
Naphthalene	3.8	2.2	7.5		100	ug/L	Q	04/15/05	SW846 3510C	8270C-SIM
Phenanthrene	12	2.0	6.8		100	ug/L		04/15/05	SW846 3510C	8270C-SIM
Pyrene	< 1.6	1.6	5.4		100	ug/L		04/15/05	SW846 3510C	8270C-SIM
Nitrobenzene-d5	0				100	%Recov	D	04/15/05	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	0				100	%Recov	D	04/15/05	SW846 3510C	8270C-SIM
Terphenyl-d14	0				100	%Recov	D	04/15/05	SW846 3510C	8270C-SIM

En Chem

A Division of Pace Analytical Services, Inc.

Analytical Report Number: 858083

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : NATURAL RESOURCE TECHNOLOGY
Project Name : WPSC - STEVENS POINT
Project Number : 1177
Field ID : PZ-12B

Matrix Type : GROUNDWATER
Collection Date : 04/12/05
Report Date : 04/26/05
Lab Sample Number : 858083-022

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Iron - Dissolved	490	17	55		1	ug/L		04/21/05	SW846 6010B	SW846 6010B
Alkalinity as CaCO3	150	6.3	21		1	mg/L		04/25/05	EPA 310.2	EPA 310.2
Nitrogen, NO3 + NO2	< 0.061	0.061	0.20		1	mg/L		04/14/05	EPA 353.2	EPA 353.2
Sulfate	1.8	0.83	2.8		1	mg/L	Q	04/19/05	EPA 300.0	EPA 300.0

BENZENE*

Prep Date: 04/14/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Benzene	16	0.14	0.46		1	ug/L		04/14/05	SW846 5030B	SW846 M8021
a,a,a-Trifluorotoluene	105				1	%Recov		04/14/05	SW846 5030B	SW846 M8021

METHANE

Prep Date: 04/25/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methane	120			10	1	ug/L		04/25/05	SW846 M8015	SW846 M8015

PAH/ PNA

Prep Date: 04/14/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1-Methylnaphthalene	24	2.0	6.6		100	ug/L		04/15/05	SW846 3510C	8270C-SIM
2-Methylnaphthalene	< 2.3	2.3	7.6		100	ug/L		04/15/05	SW846 3510C	8270C-SIM
Acenaphthene	39	1.9	6.5		100	ug/L		04/15/05	SW846 3510C	8270C-SIM
Acenaphthylene	5.3	1.9	6.4		100	ug/L	Q	04/15/05	SW846 3510C	8270C-SIM
Anthracene	1.9	1.8	5.9		100	ug/L	Q	04/15/05	SW846 3510C	8270C-SIM
Benzo(a)anthracene	< 2.0	2.0	6.5		100	ug/L		04/15/05	SW846 3510C	8270C-SIM
Benzo(a)pyrene	< 1.8	1.8	6.0		100	ug/L		04/15/05	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	< 1.8	1.8	6.0		100	ug/L		04/15/05	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	< 2.1	2.1	6.9		100	ug/L		04/15/05	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	< 1.9	1.9	6.4		100	ug/L		04/15/05	SW846 3510C	8270C-SIM
Chrysene	< 1.6	1.6	5.5		100	ug/L		04/15/05	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	< 2.2	2.2	7.3		100	ug/L		04/15/05	SW846 3510C	8270C-SIM
Fluoranthene	< 1.6	1.6	5.5		100	ug/L		04/15/05	SW846 3510C	8270C-SIM
Fluorene	5.5	2.2	7.3		100	ug/L	Q	04/15/05	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	< 1.7	1.7	5.7		100	ug/L		04/15/05	SW846 3510C	8270C-SIM
Naphthalene	8.3	2.2	7.5		100	ug/L		04/15/05	SW846 3510C	8270C-SIM
Phenanthrene	7.0	2.0	6.8		100	ug/L		04/15/05	SW846 3510C	8270C-SIM
Pyrene	< 1.6	1.6	5.4		100	ug/L		04/15/05	SW846 3510C	8270C-SIM
Nitrobenzene-d5	0				100	%Recov	D	04/15/05	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	0				100	%Recov	D	04/15/05	SW846 3510C	8270C-SIM
Terphenyl-d14	0				100	%Recov	D	04/15/05	SW846 3510C	8270C-SIM

Qualifier Codes

Flag	Applies To	Explanation
A	Inorganic	Analyte is detected in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
B	Inorganic	The analyte has been detected between the method detection limit and the reporting limit.
B	Organic	Analyte is present in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
C	All	Elevated detection limit.
D	All	Analyte value from diluted analysis or surrogate result not applicable due to sample dilution.
E	Inorganic	Estimated concentration due to matrix interferences. During the metals analysis the serial dilution failed to meet the established control limits of 0-10%. The sample concentration is greater than 50 times the IDL for analysis done on the ICP or 100 times the IDL for analysis done on the ICP-MS. The result was flagged with the E qualifier to indicate that a physical interference was observed.
E	Organic	Analyte concentration exceeds calibration range.
F	Inorganic	Due to potential interferences for this analysis by Inductively Coupled Plasma techniques (SW-846 Method 6010), this analyte has been confirmed by and reported from an alternate method.
F	Organic	Surrogate results outside control criteria.
G	All	The result is estimated because the concentration is less than the lowest calibration standard concentration utilized in the initial calibration. The method detection limit is less than the reporting limit specified for this project.
H	All	Preservation, extraction or analysis performed past holding time.
HF	Inorganic	This test is considered a field parameter, and the recommended holding time is 15 minutes from collection. The analysis was performed in the laboratory beyond the recommended holding time.
J	All	Concentration detected equal to or greater than the method detection limit but less than the reporting limit.
K	Inorganic	Sample received unpreserved. Sample was either preserved at the time of receipt or at the time of sample preparation.
K	Organic	Detection limit may be elevated due to the presence of an unrequested analyte.
L	All	Elevated detection limit due to low sample volume.
M	Organic	Sample pH was greater than 2
N	All	Spiked sample recovery not within control limits.
O	Organic	Sample received overweight.
P	Organic	The relative percent difference between the two columns for detected concentrations was greater than 40%.
Q	All	The analyte has been detected between the limit of detection (LOD) and limit of quantitation (LOQ). The results are qualified due to the uncertainty of analyte concentrations within this range.
S	Organic	The relative percent difference between quantitation and confirmation columns exceeds internal quality control criteria. Because the result is unconfirmed, it has been reported as a non-detect with an elevated detection limit.
T	All	Inadequate sample volume received to perform the method required MS/MSD.
U	All	The analyte was not detected at or above the reporting limit.
V	All	Sample received with headspace.
W	All	A second aliquot of sample was analyzed from a container with headspace.
X	All	See Sample Narrative.
&	All	Laboratory Control Spike recovery not within control limits.
*	All	Precision not within control limits.
<	All	The analyte was not detected at or above the reporting limit.
1	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses passed QC based on precision criteria.
2	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses failed QC based on precision criteria.
3	Inorganic	BOD result is estimated due to the BOD blank exceeding the allowable oxygen depletion.
4	Inorganic	BOD duplicate precision not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
5	Inorganic	BOD result is estimated due to insufficient oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
6	Inorganic	BOD laboratory control sample not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
7	Inorganic	BOD result is estimated due to complete oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.

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Analysis Summary by Laboratory

1241 Bellevue Street
Green Bay, WI 54302

1090 Kennedy Avenue
Kimberly, WI 54136

Test Group Name	858083-001	858083-002	858083-003	858083-004	858083-005	858083-006	858083-007	858083-008	858083-009	858083-010	858083-011	858083-012	858083-013	858083-014	858083-015	858083-016	858083-017	858083-018	858083-019	858083-020	858083-021	858083-022
ALKALINITY AS CACO3	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G		G	G	G	G	G	G
BENZENE	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
IRON - DISSOLVED	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G		G	G	G	G	G	G
METHANE	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G		G	G	G	G	G	G
NITROGEN, NO3 + NO2	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G		G	G	G	G	G	G
PAH/ PNA	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
SULFATE	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G		G	G	G	G	G	G

Wisconsin Certification	
G = En Chem Green Bay	405132750 / DATCP: 105-444
K = En Chem Kimberly	445134030
S = En Chem Superior	Not Applicable
C = Subcontracted Analysis	
I = Other Pace Lab Analysis	

En Chem, Inc. Cooler Receipt Log

Batch No. 858083

Project Name or ID WPSC - Stevens Point   No. of Coolers: 4   Temps: R01

A. Receipt Phase: Date cooler was opened: 4-12-05 **By:**

1: Were samples received on ice? (Must be ≤ 6 C)........ [✓ YES] NO[2] NA

2. Was there a Temperature Blank?........ [✓ YES] NO

3: Were custody seals present and intact on cooler? (Record on COC)........ YES [✓ NO]

4: Are COC documents present?........ [✓ YES] NO[2]

5: Does this Project require quick turn around analysis?........ YES [✓ NO]

6: Is there any sub-work?........ YES [✓ NO]

7: Are there any short hold time tests?........ [✓ YES] NO

8: Are any samples nearing expiration of hold-time? (Within 2 days)........ YES[1] [✓ NO] Contacted by/Who________

9: Do any samples need to be Filtered or Preserved in the lab?........ YES[1] [✓ NO] Contacted by/Who________

B. Check-in Phase: Date samples were Checked-in: 4-12-05 **By:**

1: Were all sample containers listed on the COC received and intact?........ [✓ YES] NO[2] NA

2: Sign the COC as received by En Chem. Completed........ [✓ YES] NO

3: Do sample labels match the COC?........ [✓ YES] NO[2]

4: Completed pH check on preserved samples........ [✓ YES] NO NA
(This statement does not apply to water: VOC, O&G, TOC, DRO, Total Rec. Phenolics)

5: Do samples have correct chemical preservation?........ [✓ YES] NO[2] NA
(This statement does not apply to water: VOC, O&G, TOC, DRO, Total Rec. Phenolics)

6: Are dissolved parameters field filtered?........ [✓ YES] NO[2] NA

7: Are sample volumes adequate for tests requested?........ [✓ YES] NO[2]

8: Are VOC samples free of bubbles >6mm........ [✓ YES] NO[2] NA

9: Enter samples into logbook. Completed........ [✓ YES] NO

10: Place laboratory sample number on all containers and COC. Completed........ [✓ YES] NO

11: Complete Laboratory Tracking Sheet (LTS). Completed........ YES NO [✓ NA]

12: Start Nonconformance form........ YES NO [✓ NA]

13: Initiate Subcontracting procedure. Completed........ YES NO [✓ NA]

14: Check laboratory sample number on all containers and COC. MRK [✓ YES] NO NA

Short Hold-time tests:

24 Hours or less	48 Hours	7 days	Footnotes
Coliform	BOD	Ash	1 Notify proper lab group immediately.
Corrosivity = pH	Color	[✓ Aqueous Extractable Organics-ALL]	2 Complete nonconformance memo.
Dissolved Oxygen	Nitrite or Nitrate	Flashpoint	
Hexavalent Chromium	Ortho Phosphorus	Free Liquids	
HPC	Surfactants	Sulfide	
Ferrous Iron	Turbidity	TDS	
Eh	En Core Preservation	TSS	
Odor	Power stop preservation	Total Solids	
Residual Chlorine		TVS	
Sulfite		TVSS	
		Unpreserved VOC's	

Rev. 2/05/04, Attachment to 1-REC-5.
Subject to QA Audit.

Reviewed by/date TNT 4/15/05

p:/everyone/forms/samplereceiving/crl.doc

(Please Print Legibly)
Company Name: Natural Resource Technology
Branch or Location: Pewaukee
Project Contact: Eric Kovatch
Telephone: 262 523 9000
Project Number: 1177
Project Name: WISC · Stevens Point
Project State: WI
Sampled By (Print): Randy Barnhill
PO #:

EN CHEM INC.

A Division of Pace Analytical Services, Inc.

1241 Bellevue St., Suite 9
Green Bay, WI 54302
920-469-2436
Fax 920-469-8827

APR 28 2005

CHAIN OF CUSTODY No. 139538

Page 2 of 2
Quote #:
Mail Report To: Eric Kovatch
Company: NRT
Address: 23713 W. Paul Rd.
Pewaukee, WI 53072
Invoice To:
Company:
Address:
Mail Invoice To:

Data Package Options - (please circle if requested
Sample Results Only (no QC)
EPA Level II (Subject to Surcharge)
EPA Level III (Subject to Surcharge)
EPA Level IV (Subject to Surcharge)

Regulatory Program
UST
RCRA
SDWA
NPDES
CERCLA

Matrix Codes
GW=Ground Water
W=Water
S=Soil
A=Air
C=Charcoal
B=Biota
Sl=Sludge
WP=Wipe

*Preservation Codes
A=None B=HCL C=H2S04 D=HN03 E=EnCore F=Methanol G-NaOH
H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

ANALYSES REQUESTED	Benzene (8021B)	PAH's (8310)	Dissolved Iron (6010B)	Alkalinity (310.2)	Methane (8015M)	Nitrate & Nitrite (360.0)	Sulfate (300.0)
FILTERED? (YES/NO)	NO	NO	YES	NO	NO	NO	NO
PRESERVATION (CODE)*	B	A	D	A	B	C	A

LABORATORY ID (Lab Use Only)	FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	Benzene (8021B)	PAH's (8310)	Dissolved Iron (6010B)	Alkalinity (310.2)	Methane (8015M)	Nitrate & Nitrite (360.0)	Sulfate (300.0)	TOTAL # OF BOTTLES SENT	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)
013	OW-7A	4-11-5	1342	GW	X	X	X	X	X	X	X	8	1-1L amber A, 3-250mL A, C, D, 4-40mL B	
014	PZ-7B	4-11-5	1350	GW	X	X	X	X	X	X	X	8		
015	QC-1	4-11-5	—	GW	X	X	X	X	X	X	X	8		
016	QC-2	4-11-5	—	GW	X	X						3	2-40mL B	
017	OW-9	4-12-5	0857	GW	X	X	X	X	X	X	X	8		
018	PZ-9B	|	0855	GW	X	X	X	X	X	X	X	8		
019	OW-10	|	1025	GW	X	X	X	X	X	X	X	8		
020	PZ-10B	|	[illegible]	GW	X	X	X	X	X	X	X	8		
021	OW-12	|	1057	GW	X	X	X	X	X	X	X	8		
022	PZ-12B	4-12-5	1105	GW	X	X	X	X	X	X	X	8		

Rush Turnaround Time Requested (TAT) - Prelim
(Rush TAT subject to approval/surcharge)
Date Needed:
Transmit Prelim Rush Results by (circle):
Phone Fax E-mail
Phone #:
Fax #:
E-Mail Address:

Samples on HOLD are subject to special pricing and release of liability

Relinquished By:	Date/Time:	Received By:	Date/Time:
Randy Barnhill	4-12-05	Mike Mason	4/12/05
Mike Mason	4/12/05 13:30	L. [illegible]	4/12/05 13:30

En Chem Project No. 85808 3
Sample Receipt Temp. ROI
Sample Receipt pH (Wet/Metals)
Cooler Custody Seal
Present / [✓ Not Present]
Intact / Not intact

(Please Print Legibly)
Company Name: Natural Resource Technology
Branch or Location: Pewaukee
Project Contact: Eric Kovatch
Telephone: 262-523-9000
Project Number: 1177
Project Name: WPSC Stevens Point
Project State: WI
Sampled By (Print): Randy Barnhill
PO #:

EN CHEM INC.

A Division of Pace Analytical Services, Inc.

☒ 1241 Bellevue St., Suite 9
Green Bay, WI 54302
920-469-2436
Fax 920-469-8827

APR 28 2005

CHAIN OF CUSTODY No. 139540

Page 1 of 2
Quote #:
Mail Report To: Eric Kovatch
Company: N.R.T.
Address: 23713 W. Paul Rd
Pewaukee, WI 53072
Invoice To:
Company:
Address:
Mail Invoice To:

***Preservation Codes**
A=None B=HCL C=H2SO4 D=HNO3 E=EnCore F=Methanol G-NaOH
H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

Data Package Options - (please circle if requested
Sample Results Only (no QC)
EPA Level II (Subject to Surcharge)
EPA Level III (Subject to Surcharge)
EPA Level IV (Subject to Surcharge)

Regulatory Program
UST
RCRA
SDWA
NPDES
CERCLA

Matrix Codes
GW=Ground Water
W=Water
S=Soil
A=Air
C=Charcoal
B=Biota
Sl=Sludge
WP=Wipe

					ANALYSES REQUESTED: BENZENE (8021B)	PAH'S (8310)	DISSOLVED IRON (6010) F	ALKALINITY (310.2)	METHANE (8015M)	NITRATE & NITRITE (300.0)	SULFATE (300.0)	TOTAL # OF BOTTLES SENT		
				FILTERED? (YES/NO)	NO	NO	YES	NO	NO	NO	NO			
				PRESERVATION (CODE)*	B	A	D	A	B	C	A			
LABORATORY ID (Lab Use Only)	**FIELD ID**	**COLLECTION DATE**	**COLLECTION TIME**	**MATRIX**									**CLIENT COMMENTS**	**LAB COMMENTS (Lab Use Only)**
001	OW-8	4-11-5	1840	GW	X	X	X	X	X	X	X	8	1-1l amber A, 3-	250ml A, C, D, 4-40ml B
002	OW-3R		0910		X	X	X	X	X	X	X			
003	PZ-3B		0920		X	X	X	X	X	X	X			
004	OW-2		0945		X	X	X	X	X	X	X			
005	PZ-13B		1010		X	X	X	X	X	X	X			
006	OW-11		1035		X	X	X	X	X	X	X			
007	PZ-11B		1140		X	X	X	X	X	X	X			
008	OW-4		1135		X	X	X	X	X	X	X			
009	OW-1		1207		X	X	X	X	X	X	X			
010	OW-5R		1240		X	X	X	X	X	X	X			
011	~~[illegible]~~ P-5B		1235		X	X	X	X	X	X	X			
012	OW-6	4-11-05	1310	GW	X	X	X	X	X	X	X	8		

Rush Turnaround Time Requested (TAT) - Prelim
(Rush TAT subject to approval/surcharge)
Date Needed:
Transmit Prelim Rush Results by (circle):
Phone Fax E-mail
Phone #:
Fax #:
E-Mail Address:

Samples on HOLD are subject to special pricing and release of liability

Relinquished By:	Date/Time:	Received By:	Date/Time:
	4-12-5	Mike Moon	4/12/05
Mike Moon	4/12/05 13:30		4/12/05 13:30

En Chem Project No. 858083
Sample Receipt Temp. ROI
Sample Receipt pH (Wet/Metals)
Cooler Custody Seal
Present / [✓ Not Present]
Intact / Not intact

Pace Analytical®

1241 Bellevue Street, Suite 9
Green Bay, WI 54302
920-469-2436, Fax: 920-469-8827

Analytical Report Number: 861454

Client: NATURAL RESOURCE TECHNOLOGY

Lab Contact: Tom Trainor

Project Name: WPSC - STEVENS POINT

Project Number: 1177/13.5

Lab Sample Number	Field ID	Matrix	Collection Date
861454-001	OW-5R	WATER	07/11/05
861454-002	P-5B	WATER	07/11/05
861454-003	OW-7A	WATER	07/11/05
861454-004	PZ-7B	WATER	07/11/05
861454-005	OW-12	WATER	07/11/05
861454-006	PZ-12B	WATER	07/11/05
861454-007	QC-1	WATER	07/11/05
861454-008	TB	WATER	07/11/05

I certify that the data contained in this Final Report has been generated and reviewed in accordance with approved methods and Laboratory Standard Operating Procedure. Exceptions, if any, are discussed in the accompanying sample comments. Release of this final report is authorized by Laboratory management, as is verified by the following signature. This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, Inc. The sample results relate only to the analytes of interest tested.

Tom Trainor

Approval Signature

7-28-05

Date

Pace Analytical Services, Inc.

Analytical Report Number: 861454

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : NATURAL RESOURCE TECHNOLOGY
Project Name : WPSC - STEVENS POINT
Project Number : 1177/13.5
Field ID : OW-5R

Matrix Type : WATER
Collection Date : 07/11/05
Report Date : 07/28/05
Lab Sample Number : 861454-001

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Iron - Dissolved	23000	17	55		1	ug/L		07/19/05	SW846 6010B	SW846 6010B
Alkalinity as CaCO3	350	6.3	21		1	mg/L		07/21/05	EPA 310.2	EPA 310.2
Nitrogen, NO3 + NO2	< 0.061	0.061	0.20		1	mg/L		07/18/05	EPA 353.2	EPA 353.2
Sulfate	340	8.3	28		10	mg/L		07/14/05	EPA 300.0	EPA 300.0

BENZENE

Prep Date: 07/15/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Benzene	10	0.14	0.46		1	ug/L		07/15/05	SW846 5030B	SW846 M8021
a,a,a-Trifluorotoluene	100				1	%Recov		07/15/05	SW846 5030B	SW846 M8021

METHANE

Prep Date: 07/20/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methane	34			10	1	ug/L		07/20/05	SW846 M8015	SW846 M8015

PAH/ PNA

Prep Date: 07/15/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1-Methylnaphthalene	11	0.51	1.7		50	ug/L		07/18/05	SW846 3510C	8270C-SIM
2-Methylnaphthalene	< 0.56	0.56	1.9		50	ug/L		07/18/05	SW846 3510C	8270C-SIM
Acenaphthene	10	0.41	1.4		50	ug/L		07/18/05	SW846 3510C	8270C-SIM
Acenaphthylene	4.9	0.41	1.4		50	ug/L		07/18/05	SW846 3510C	8270C-SIM
Anthracene	1.7	0.58	1.9		50	ug/L	Q	07/18/05	SW846 3510C	8270C-SIM
Benzo(a)anthracene	< 0.78	0.78	2.6		50	ug/L		07/18/05	SW846 3510C	8270C-SIM
Benzo(a)pyrene	< 0.92	0.92	3.1		50	ug/L		07/18/05	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	< 0.78	0.78	2.6		50	ug/L	Z	07/18/05	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	< 0.96	0.96	3.2		50	ug/L		07/18/05	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	< 0.97	0.97	3.2		50	ug/L	Z	07/18/05	SW846 3510C	8270C-SIM
Chrysene	< 0.95	0.95	3.2		50	ug/L		07/18/05	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	< 0.94	0.94	3.1		50	ug/L		07/18/05	SW846 3510C	8270C-SIM
Fluoranthene	1.9	0.77	2.6		50	ug/L	Q	07/18/05	SW846 3510C	8270C-SIM
Fluorene	5.0	0.45	1.5		50	ug/L		07/18/05	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	< 0.94	0.94	3.1		50	ug/L		07/18/05	SW846 3510C	8270C-SIM
Naphthalene	15	0.62	2.1		50	ug/L		07/18/05	SW846 3510C	8270C-SIM
Phenanthrene	3.8	0.57	1.9		50	ug/L		07/18/05	SW846 3510C	8270C-SIM
Pyrene	1.3	0.73	2.4		50	ug/L	Q	07/18/05	SW846 3510C	8270C-SIM
Nitrobenzene-d5	0				50	%Recov	D	07/18/05	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	0				50	%Recov	D	07/18/05	SW846 3510C	8270C-SIM
Terphenyl-d14	0				50	%Recov	D	07/18/05	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

Analytical Report Number: 861454

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : NATURAL RESOURCE TECHNOLOGY
Project Name : WPSC - STEVENS POINT
Project Number : 1177/13.5
Field ID : P-5B

Matrix Type : WATER
Collection Date : 07/11/05
Report Date : 07/28/05
Lab Sample Number : 861454-002

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Iron - Dissolved	3600	17	55		1	ug/L		07/19/05	SW846 6010B	SW846 6010B
Alkalinity as CaCO3	140	6.3	21		1	mg/L		07/21/05	EPA 310.2	EPA 310.2
Nitrogen, NO3 + NO2	< 0.061	0.061	0.20		1	mg/L		07/18/05	EPA 353.2	EPA 353.2
Sulfate	< 0.83	0.83	2.8		1	mg/L		07/14/05	EPA 300.0	EPA 300.0

BENZENE

Prep Date: 07/15/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Benzene	9.5	2.8	9.2		20	ug/L		07/15/05	SW846 5030B	SW846 M8021
a,a,a-Trifluorotoluene	101				1	%Recov		07/15/05	SW846 5030B	SW846 M8021

METHANE

Prep Date: 07/20/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methane	250			10	1	ug/L		07/20/05	SW846 M8015	SW846 M8015

PAH/ PNA

Prep Date: 07/15/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1-Methylnaphthalene	92	16	54		1600	ug/L	D	07/18/05	SW846 3510C	8270C-SIM
2-Methylnaphthalene	18	2.2	7.5		200	ug/L		07/15/05	SW846 3510C	8270C-SIM
Acenaphthene	100	13	44		1600	ug/L	D	07/18/05	SW846 3510C	8270C-SIM
Acenaphthylene	21	1.6	5.4		200	ug/L		07/15/05	SW846 3510C	8270C-SIM
Anthracene	5.8	2.3	7.7		200	ug/L	Q	07/15/05	SW846 3510C	8270C-SIM
Benzo(a)anthracene	< 3.1	3.1	10		200	ug/L		07/15/05	SW846 3510C	8270C-SIM
Benzo(a)pyrene	< 3.7	3.7	12		200	ug/L		07/15/05	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	< 3.1	3.1	10		200	ug/L	Z	07/15/05	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	< 3.9	3.9	13		200	ug/L		07/15/05	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	< 3.9	3.9	13		200	ug/L	Z	07/15/05	SW846 3510C	8270C-SIM
Chrysene	< 3.8	3.8	13		200	ug/L		07/15/05	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	< 3.8	3.8	13		200	ug/L		07/15/05	SW846 3510C	8270C-SIM
Fluoranthene	< 3.1	3.1	10		200	ug/L		07/15/05	SW846 3510C	8270C-SIM
Fluorene	35	1.8	6.0		200	ug/L		07/15/05	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	< 3.8	3.8	13		200	ug/L		07/15/05	SW846 3510C	8270C-SIM
Naphthalene	430	20	66		1600	ug/L	D	07/18/05	SW846 3510C	8270C-SIM
Phenanthrene	22	2.3	7.6		200	ug/L		07/15/05	SW846 3510C	8270C-SIM
Pyrene	< 2.9	2.9	9.7		200	ug/L		07/15/05	SW846 3510C	8270C-SIM
Nitrobenzene-d5	0				200	%Recov	D	07/15/05	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	0				200	%Recov	D	07/15/05	SW846 3510C	8270C-SIM
Terphenyl-d14	0				200	%Recov	D	07/15/05	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

Analytical Report Number: 861454

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : NATURAL RESOURCE TECHNOLOGY
Project Name : WPSC - STEVENS POINT
Project Number : 1177/13.5
Field ID : OW-7A

Matrix Type : WATER
Collection Date : 07/11/05
Report Date : 07/28/05
Lab Sample Number : 861454-003

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Iron - Dissolved	16000	17	55		1	ug/L		07/19/05	SW846 6010B	SW846 6010B
Alkalinity as CaCO3	150	6.3	21		1	mg/L		07/21/05	EPA 310.2	EPA 310.2
Nitrogen, NO3 + NO2	< 0.061	0.061	0.20		1	mg/L		07/18/05	EPA 353.2	EPA 353.2
Sulfate	< 0.83	0.83	2.8		1	mg/L		07/14/05	EPA 300.0	EPA 300.0

BENZENE

Prep Date: 07/15/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Benzene	15	0.69	2.3		5	ug/L		07/15/05	SW846 5030B	SW846 M8021
a,a,a-Trifluorotoluene	102				1	%Recov		07/15/05	SW846 5030B	SW846 M8021

METHANE

Prep Date: 07/20/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methane	5400			500	50	ug/L		07/20/05	SW846 M8015	SW846 M8015

PAH/ PNA

Prep Date: 07/15/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1-Methylnaphthalene	30	2.0	6.8		200	ug/L		07/15/05	SW846 3510C	8270C-SIM
2-Methylnaphthalene	27	2.2	7.5		200	ug/L		07/15/05	SW846 3510C	8270C-SIM
Acenaphthene	31	1.6	5.4		200	ug/L		07/15/05	SW846 3510C	8270C-SIM
Acenaphthylene	< 1.6	1.6	5.4		200	ug/L		07/15/05	SW846 3510C	8270C-SIM
Anthracene	4.9	2.3	7.7		200	ug/L	Q	07/15/05	SW846 3510C	8270C-SIM
Benzo(a)anthracene	< 3.1	3.1	10		200	ug/L		07/15/05	SW846 3510C	8270C-SIM
Benzo(a)pyrene	< 3.7	3.7	12		200	ug/L		07/15/05	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	< 3.1	3.1	10		200	ug/L	Z	07/15/05	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	< 3.9	3.9	13		200	ug/L		07/15/05	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	< 3.9	3.9	13		200	ug/L	Z	07/15/05	SW846 3510C	8270C-SIM
Chrysene	< 3.8	3.8	13		200	ug/L		07/15/05	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	< 3.8	3.8	13		200	ug/L		07/15/05	SW846 3510C	8270C-SIM
Fluoranthene	< 3.1	3.1	10		200	ug/L		07/15/05	SW846 3510C	8270C-SIM
Fluorene	11	1.8	6.0		200	ug/L		07/15/05	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	< 3.8	3.8	13		200	ug/L		07/15/05	SW846 3510C	8270C-SIM
Naphthalene	260	12	41		1000	ug/L	D	07/18/05	SW846 3510C	8270C-SIM
Phenanthrene	16	2.3	7.6		200	ug/L		07/15/05	SW846 3510C	8270C-SIM
Pyrene	2.9	2.9	9.7		200	ug/L	Q	07/15/05	SW846 3510C	8270C-SIM
Nitrobenzene-d5	0				200	%Recov	D	07/15/05	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	0				200	%Recov	D	07/15/05	SW846 3510C	8270C-SIM
Terphenyl-d14	0				200	%Recov	D	07/15/05	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

Analytical Report Number: 861454

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : NATURAL RESOURCE TECHNOLOGY
Project Name : WPSC - STEVENS POINT
Project Number : 1177/13.5
Field ID : PZ-7B

Matrix Type : WATER
Collection Date : 07/11/05
Report Date : 07/28/05
Lab Sample Number : 861454-004

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Iron - Dissolved	3000	17	55		1	ug/L		07/18/05	SW846 6010B	SW846 6010B
Alkalinity as CaCO3	100	6.3	21		1	mg/L		07/21/05	EPA 310.2	EPA 310.2
Nitrogen, NO3 + NO2	< 0.061	0.061	0.20		1	mg/L		07/18/05	EPA 353.2	EPA 353.2
Sulfate	< 0.83	0.83	2.8		1	mg/L		07/14/05	EPA 300.0	EPA 300.0

BENZENE

Prep Date: 07/15/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Benzene	3.1	2.8	9.2		20	ug/L	Q	07/15/05	SW846 5030B	SW846 M8021
a,a,a-Trifluorotoluene	102				1	%Recov		07/15/05	SW846 5030B	SW846 M8021

METHANE

Prep Date: 07/20/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methane	1200			100	10	ug/L		07/20/05	SW846 M8015	SW846 M8015

PAH/ PNA

Prep Date: 07/15/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1-Methylnaphthalene	95	25	84		2500	ug/L	D	07/18/05	SW846 3510C	8270C-SIM
2-Methylnaphthalene	98	28	93		2500	ug/L	D	07/18/05	SW846 3510C	8270C-SIM
Acenaphthene	77	1.6	5.4		200	ug/L		07/15/05	SW846 3510C	8270C-SIM
Acenaphthylene	26	1.6	5.4		200	ug/L		07/15/05	SW846 3510C	8270C-SIM
Anthracene	4.2	2.3	7.7		200	ug/L	Q	07/15/05	SW846 3510C	8270C-SIM
Benzo(a)anthracene	< 3.1	3.1	10		200	ug/L		07/15/05	SW846 3510C	8270C-SIM
Benzo(a)pyrene	< 3.7	3.7	12		200	ug/L		07/15/05	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	< 3.1	3.1	10		200	ug/L	Z	07/15/05	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	< 3.9	3.9	13		200	ug/L		07/15/05	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	< 3.9	3.9	13		200	ug/L	Z	07/15/05	SW846 3510C	8270C-SIM
Chrysene	< 3.8	3.8	13		200	ug/L		07/15/05	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	< 3.8	3.8	13		200	ug/L		07/15/05	SW846 3510C	8270C-SIM
Fluoranthene	< 3.1	3.1	10		200	ug/L		07/15/05	SW846 3510C	8270C-SIM
Fluorene	10	1.8	6.0		200	ug/L		07/15/05	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	< 3.8	3.8	13		200	ug/L		07/15/05	SW846 3510C	8270C-SIM
Naphthalene	810	31	100		2500	ug/L	D	07/18/05	SW846 3510C	8270C-SIM
Phenanthrene	8.6	2.3	7.6		200	ug/L		07/15/05	SW846 3510C	8270C-SIM
Pyrene	< 2.9	2.9	9.7		200	ug/L		07/15/05	SW846 3510C	8270C-SIM
Nitrobenzene-d5	0				200	%Recov	D	07/15/05	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	0				200	%Recov	D	07/15/05	SW846 3510C	8270C-SIM
Terphenyl-d14	0				200	%Recov	D	07/15/05	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

Analytical Report Number: 861454

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : NATURAL RESOURCE TECHNOLOGY
Project Name : WPSC - STEVENS POINT
Project Number : 1177/13.5
Field ID : OW-12

Matrix Type : WATER
Collection Date : 07/11/05
Report Date : 07/28/05
Lab Sample Number : 861454-005

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Iron - Dissolved	17000	17	55		1	ug/L		07/18/05	SW846 6010B	SW846 6010B
Alkalinity as CaCO3	170	6.3	21		1	mg/L	N	07/21/05	EPA 310.2	EPA 310.2
Nitrogen, NO3 + NO2	< 0.061	0.061	0.20		1	mg/L		07/27/05	EPA 353.2	EPA 353.2
Sulfate	3.4	0.83	2.8		1	mg/L		07/14/05	EPA 300.0	EPA 300.0

BENZENE

Prep Date: 07/15/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Benzene	8.8	0.14	0.46		1	ug/L		07/15/05	SW846 5030B	SW846 M8021
a,a,a-Trifluorotoluene	100				1	%Recov		07/15/05	SW846 5030B	SW846 M8021

METHANE

Prep Date: 07/20/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methane	1300			100	10	ug/L		07/20/05	SW846 M8015	SW846 M8015

PAH/ PNA

Prep Date: 07/15/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1-Methylnaphthalene	7.5	0.51	1.7		50	ug/L		07/18/05	SW846 3510C	8270C-SIM
2-Methylnaphthalene	< 0.56	0.56	1.9		50	ug/L		07/18/05	SW846 3510C	8270C-SIM
Acenaphthene	16	0.41	1.4		50	ug/L		07/18/05	SW846 3510C	8270C-SIM
Acenaphthylene	< 0.41	0.41	1.4		50	ug/L		07/18/05	SW846 3510C	8270C-SIM
Anthracene	1.6	0.58	1.9		50	ug/L	Q	07/18/05	SW846 3510C	8270C-SIM
Benzo(a)anthracene	< 0.78	0.78	2.6		50	ug/L		07/18/05	SW846 3510C	8270C-SIM
Benzo(a)pyrene	< 0.92	0.92	3.1		50	ug/L		07/18/05	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	< 0.78	0.78	2.6		50	ug/L	Z	07/18/05	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	< 0.96	0.96	3.2		50	ug/L		07/18/05	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	< 0.97	0.97	3.2		50	ug/L	Z	07/18/05	SW846 3510C	8270C-SIM
Chrysene	< 0.95	0.95	3.2		50	ug/L		07/18/05	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	< 0.94	0.94	3.1		50	ug/L		07/18/05	SW846 3510C	8270C-SIM
Fluoranthene	1.3	0.77	2.6		50	ug/L	Q	07/18/05	SW846 3510C	8270C-SIM
Fluorene	4.7	0.45	1.5		50	ug/L		07/18/05	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	< 0.94	0.94	3.1		50	ug/L		07/18/05	SW846 3510C	8270C-SIM
Naphthalene	2.1	0.62	2.1		50	ug/L		07/18/05	SW846 3510C	8270C-SIM
Phenanthrene	6.2	0.57	1.9		50	ug/L		07/18/05	SW846 3510C	8270C-SIM
Pyrene	0.82	0.73	2.4		50	ug/L	Q	07/18/05	SW846 3510C	8270C-SIM
Nitrobenzene-d5	0				50	%Recov	D	07/18/05	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	0				50	%Recov	D	07/18/05	SW846 3510C	8270C-SIM
Terphenyl-d14	0				50	%Recov	D	07/18/05	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

Analytical Report Number: 861454

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : NATURAL RESOURCE TECHNOLOGY
Project Name : WPSC - STEVENS POINT
Project Number : 1177/13.5
Field ID : PZ-12B

Matrix Type : WATER
Collection Date : 07/11/05
Report Date : 07/28/05
Lab Sample Number : 861454-006

INORGANICS

Test		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Iron - Dissolved		710	17	55		1	ug/L		07/18/05	SW846 6010B	SW846 6010B
Alkalinity as CaCO3		150	6.3	21		1	mg/L		07/21/05	EPA 310.2	EPA 310.2
Nitrogen, NO3 + NO2	<	0.061	0.061	0.20		1	mg/L		07/27/05	EPA 353.2	EPA 353.2
Sulfate		0.86	0.83	2.8		1	mg/L	Q	07/14/05	EPA 300.0	EPA 300.0

BENZENE

Prep Date: 07/15/05

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Benzene		33	1.4	4.6		10	ug/L		07/15/05	SW846 5030B	SW846 M8021
a,a,a-Trifluorotoluene		101				1	%Recov		07/15/05	SW846 5030B	SW846 M8021

METHANE

Prep Date: 07/20/05

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methane		550			50	5	ug/L		07/20/05	SW846 M8015	SW846 M8015

PAH/ PNA

Prep Date: 07/15/05

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1-Methylnaphthalene		88	4.1	14		400	ug/L	D	07/18/05	SW846 3510C	8270C-SIM
2-Methylnaphthalene		14	1.1	3.7		100	ug/L		07/15/05	SW846 3510C	8270C-SIM
Acenaphthene		91	3.3	11		400	ug/L	D	07/18/05	SW846 3510C	8270C-SIM
Acenaphthylene		14	0.81	2.7		100	ug/L		07/15/05	SW846 3510C	8270C-SIM
Anthracene		7.2	1.2	3.9		100	ug/L		07/15/05	SW846 3510C	8270C-SIM
Benzo(a)anthracene	<	1.6	1.6	5.2		100	ug/L		07/15/05	SW846 3510C	8270C-SIM
Benzo(a)pyrene	<	1.8	1.8	6.1		100	ug/L		07/15/05	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	<	1.6	1.6	5.2		100	ug/L	Z	07/15/05	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	<	1.9	1.9	6.4		100	ug/L		07/15/05	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	<	1.9	1.9	6.4		100	ug/L	Z	07/15/05	SW846 3510C	8270C-SIM
Chrysene	<	1.9	1.9	6.3		100	ug/L		07/15/05	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	<	1.9	1.9	6.3		100	ug/L		07/15/05	SW846 3510C	8270C-SIM
Fluoranthene	<	1.5	1.5	5.2		100	ug/L		07/15/05	SW846 3510C	8270C-SIM
Fluorene		15	0.91	3.0		100	ug/L		07/15/05	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	<	1.9	1.9	6.3		100	ug/L		07/15/05	SW846 3510C	8270C-SIM
Naphthalene		21	1.2	4.1		100	ug/L		07/15/05	SW846 3510C	8270C-SIM
Phenanthrene		28	1.1	3.8		100	ug/L		07/15/05	SW846 3510C	8270C-SIM
Pyrene	<	1.5	1.5	4.8		100	ug/L		07/15/05	SW846 3510C	8270C-SIM
Nitrobenzene-d5		0				100	%Recov	D	07/15/05	SW846 3510C	8270C-SIM
2-Fluorobiphenyl		0				100	%Recov	D	07/15/05	SW846 3510C	8270C-SIM
Terphenyl-d14		0				100	%Recov	D	07/15/05	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

Analytical Report Number: 861454

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : NATURAL RESOURCE TECHNOLOGY
Project Name : WPSC - STEVENS POINT
Project Number : 1177/13.5
Field ID : QC-1

Matrix Type : WATER
Collection Date : 07/11/05
Report Date : 07/28/05
Lab Sample Number : 861454-007

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Iron - Dissolved	3100	17	55		1	ug/L		07/18/05	SW846 6010B	SW846 6010B
Alkalinity as CaCO3	100	6.3	21		1	mg/L		07/21/05	EPA 310.2	EPA 310.2
Nitrogen, NO3 + NO2	< 0.061	0.061	0.20		1	mg/L		07/27/05	EPA 353.2	EPA 353.2
Sulfate	< 0.83	0.83	2.8		1	mg/L		07/14/05	EPA 300.0	EPA 300.0

BENZENE

Prep Date: 07/15/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Benzene	< 2.8	2.8	9.2		20	ug/L	K	07/15/05	SW846 5030B	SW846 M8021
a,a,a-Trifluorotoluene	102				1	%Recov		07/15/05	SW846 5030B	SW846 M8021

METHANE

Prep Date: 07/20/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methane	1400			100	10	ug/L		07/20/05	SW846 M8015	SW846 M8015

PAH/ PNA

Prep Date: 07/15/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1-Methylnaphthalene	110	51	170		5000	ug/L	QD	07/18/05	SW846 3510C	8270C-SIM
2-Methylnaphthalene	96	56	190		5000	ug/L	QD	07/18/05	SW846 3510C	8270C-SIM
Acenaphthene	73	41	140		5000	ug/L	QD	07/18/05	SW846 3510C	8270C-SIM
Acenaphthylene	33	0.81	2.7		100	ug/L		07/15/05	SW846 3510C	8270C-SIM
Anthracene	3.9	1.2	3.9		100	ug/L		07/15/05	SW846 3510C	8270C-SIM
Benzo(a)anthracene	< 1.6	1.6	5.2		100	ug/L		07/15/05	SW846 3510C	8270C-SIM
Benzo(a)pyrene	< 1.8	1.8	6.1		100	ug/L		07/15/05	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	< 1.6	1.6	5.2		100	ug/L	Z	07/15/05	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	< 1.9	1.9	6.4		100	ug/L		07/15/05	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	< 1.9	1.9	6.4		100	ug/L	Z	07/15/05	SW846 3510C	8270C-SIM
Chrysene	< 1.9	1.9	6.3		100	ug/L		07/15/05	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	< 1.9	1.9	6.3		100	ug/L		07/15/05	SW846 3510C	8270C-SIM
Fluoranthene	< 1.5	1.5	5.2		100	ug/L		07/15/05	SW846 3510C	8270C-SIM
Fluorene	13	0.91	3.0		100	ug/L		07/15/05	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	< 1.9	1.9	6.3		100	ug/L		07/15/05	SW846 3510C	8270C-SIM
Naphthalene	1200	62	210		5000	ug/L	D	07/18/05	SW846 3510C	8270C-SIM
Phenanthrene	14	1.1	3.8		100	ug/L		07/15/05	SW846 3510C	8270C-SIM
Pyrene	< 1.5	1.5	4.8		100	ug/L		07/15/05	SW846 3510C	8270C-SIM
Nitrobenzene-d5	0				100	%Recov	D	07/15/05	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	0				100	%Recov	D	07/15/05	SW846 3510C	8270C-SIM
Terphenyl-d14	0				100	%Recov	D	07/15/05	SW846 3510C	8270C-SIM

Client : NATURAL RESOURCE TECHNOLOGY
Project Name : WPSC - STEVENS POINT
Project Number : 1177/13.5
Field ID : TB

Matrix Type : WATER
Collection Date : 07/11/05
Report Date : 07/28/05
Lab Sample Number : 861454-008

BENZENE

Prep Date: 07/15/05

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Benzene	<	0.14	0.14	0.46		1	ug/L		07/15/05	SW846 5030B	SW846 M8021
a,a,a-Trifluorotoluene		101				1	%Recov		07/15/05	SW846 5030B	SW846 M8021

Qualifier Codes

Flag	Applies To	Explanation
A	Inorganic	Analyte is detected in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
B	Inorganic	The analyte has been detected between the method detection limit and the reporting limit.
B	Organic	Analyte is present in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
C	All	Elevated detection limit.
D	All	Analyte value from diluted analysis or surrogate result not applicable due to sample dilution.
E	Inorganic	Estimated concentration due to matrix interferences. During the metals analysis the serial dilution failed to meet the established control limits of 0-10%. The sample concentration is greater than 50 times the IDL for analysis done on the ICP or 100 times the IDL for analysis done on the ICP-MS. The result was flagged with the E qualifier to indicate that a physical interference was observed.
E	Organic	Analyte concentration exceeds calibration range.
F	Inorganic	Due to potential interferences for this analysis by Inductively Coupled Plasma techniques (SW-846 Method 6010), this analyte has been confirmed by and reported from an alternate method.
F	Organic	Surrogate results outside control criteria.
G	All	The result is estimated because the concentration is less than the lowest calibration standard concentration utilized in the initial calibration. The method detection limit is less than the reporting limit specified for this project.
H	All	Preservation, extraction or analysis performed past holding time.
HF	Inorganic	This test is considered a field parameter, and the recommended holding time is 15 minutes from collection. The analysis was performed in the laboratory beyond the recommended holding time.
J	All	Concentration detected equal to or greater than the method detection limit but less than the reporting limit.
K	Inorganic	Sample received unpreserved. Sample was either preserved at the time of receipt or at the time of sample preparation.
K	Organic	Detection limit may be elevated due to the presence of an unrequested analyte.
L	All	Elevated detection limit due to low sample volume.
M	Organic	Sample pH was greater than 2
N	All	Spiked sample recovery not within control limits.
O	Organic	Sample received overweight.
P	Organic	The relative percent difference between the two columns for detected concentrations was greater than 40%.
Q	All	The analyte has been detected between the limit of detection (LOD) and limit of quantitation (LOQ). The results are qualified due to the uncertainty of analyte concentrations within this range.
S	Organic	The relative percent difference between quantitation and confirmation columns exceeds internal quality control criteria. Because the result is unconfirmed, it has been reported as a non-detect with an elevated detection limit.
U	All	The analyte was not detected at or above the reporting limit.
V	All	Sample received with headspace.
W	All	A second aliquot of sample was analyzed from a container with headspace.
X	All	See Sample Narrative.
Z	Organics	This compound was separated but it did not meet the resolution criteria as set forth in SW846.
&	All	Laboratory Control Spike recovery not within control limits.
*	All	Precision not within control limits.
<	All	The analyte was not detected at or above the reporting limit.
1	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses passed QC based on precision criteria.
2	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses failed QC based on precision criteria.
3	Inorganic	BOD result is estimated due to the BOD blank exceeding the allowable oxygen depletion.
4	Inorganic	BOD duplicate precision not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
5	Inorganic	BOD result is estimated due to insufficient oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
6	Inorganic	BOD laboratory control sample not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
7	Inorganic	BOD result is estimated due to complete oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.

Analysis Summary by Laboratory

Test Group Name	861454-001	861454-002	861454-003	861454-004	861454-005	861454-006	861454-007	861454-008
ALKALINITY AS CACO3	B	B	B	B	B	B	B	
BENZENE	G	G	G	G	G	G	G	G
IRON - DISSOLVED	B	B	B	B	B	B	B	
METHANE	G	G	G	G	G	G	G	
NITROGEN, NO3 + NO2	B	B	B	B	B	B	B	
PAH/ PNA	B	B	B	B	B	B	B	
SULFATE	B	B	B	B	B	B	B	

Code	Facility	Address	WI Certification
B	Green Bay Lab (Bellevue St)	1241 Bellevue Street, Suite 9 Green Bay, WI 54302	405132750 / DATCP: 105-444
G	Green Bay Lab (Industrial Dr)	1795 Industrial Drive Green Bay, WI 54302	405132750

Sample Condition Upon Receipt

Client Name: NRT Project # 861454

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client ☒ Commercial ☐ Pace Other______

Custody Seal on Cooler/Box Present: ☐ yes ☒ no Seals intact: ☐ yes ☐ no

Optional
Proj. Due Date:
Proj. Name:

Packing Material: ☐ Bubble Wrap ☒ Bubble Bags ☐ None ☐ Other______

Thermometer Used N/A **Type of Ice:** [✓ Wet] Blue None ☐ Samples on ice, cooling process has begun

Cooler Temperature ROI **Biological Tissue is Frozen:** Yes No

Temp should be above freezing to 6°C

Date and Initials of person examining contents: 7-14-05 GD
Li 7/14/05

Comments:

Chain of Custody Present:	☒Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☒Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☒Yes ☐No ☐N/A	**3.**
Sampler Name & Signature on COC:	☒Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☒Yes ☐No ☐N/A	5.
Short Hold Time Analysis (<72hr):	☐Yes ☐No ☒N/A	**6.**
Rush Turn Around Time Requested:	☐Yes ☐No ☒N/A	**7.**
Sufficient Volume:	☒Yes ☐No ☐N/A	8.
Correct Containers Used:	☒Yes ☐No ☐N/A	9.
-Pace Containers Used:	☒Yes ☐No ☐N/A	
Containers Intact:	☒Yes ☐No ☐N/A	10.
Filtered volume received for Dissolved tests	☒Yes ☐No ☐N/A	11.
Sample Labels match COC:	☒Yes ☐No ☐N/A	12.
-Includes date/time/ID/Analysis Matrix: W		
All containers needing preservation have been checked.	☒Yes ☐No ☐N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	☒Yes ☐No ☐N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☐Yes ☐No	Initial when completed
Samples checked for dechlorination:	☐Yes ☐No ☒N/A	**14.**
Headspace in VOA Vials (>6mm):	☐Yes ☒No ☐N/A	**15.**
Trip Blank Present:	☒Yes ☐No ☐N/A	**16.** SEAL NOT AROUND CAP - PACE - GREEN BAY SEAL
Trip Blank Custody Seals Present	☐Yes ☒No ☐N/A	7/14/05 GD
Pace Trip Blank Lot # (if purchased):______		

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: ______ Date/Time: ______

Comments/ Resolution: ______

Project Manager Review: TM **Date:** 7-14-05

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

JL

EN CHEM INC.

...chemistry for the environment.

☒ 1241 Bellevue St., Suite 9
Green Bay, WI 54302
920-469-2436
Fax 920-469-8827

CHAIN OF CUSTODY   № 122765

(Please Print Legibly)
Company Name: NATURAL RESOURCE TECHNOLOGY
Branch or Location: PEWAUKEE, WI
Project Contact: ERIC KOVATCH
Telephone: 262-523-1208
Project Number: 1177/13.5
Project Name: WPSC- STEVENS POINT
Project State: WISCONSIN
Sampled By (Print): RANDY BARNHILL
PO #:

Page ____ of ____
Quote #:
Mail Report To: ERIC KOVATCH
Company: N.R.T.
Address: 23713 W. PAUL RD.
PEWAUKEE, WI 53072
Invoice To:
Company:
Address:
Mail Invoice To:

Data Package Options - (please circle if requested)
Sample Results Only (no QC)
EPA Level II (Subject to Surcharge)
EPA Level III (Subject to Surcharge)
EPA Level IV (Subject to Surcharge)

Regulatory Program
UST
RCRA
SDWA
NPDES
CERCLA

Matrix Codes
W=Water
S=Soil
A=Air
C=Charcoal
B=Biota
Sl=Sludge

*Preservation Codes
A=None B=HCL C=H2S04 D=HN03 E=EnCore F=Methanol G=NaOH
H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

					BENZENE (8021B)	PAH'S (8310)	IRON, Dissolved (6010)	ALKALINITY (310.2)	METHANE (8015m)	NITRATE + NITRITE (300)	SULFATE (300)			
				FILTERED? (YES/NO)	N	N	Y	N	N	N	N			
				PRESERVATION (CODE)*	B	A	D	N	B	C	N			
LABORATORY ID (Lab Use Only)	**FIELD ID**	**COLLECTION DATE**	**COLLECTION TIME**	**MATRIX**	ANALYSES REQUESTED							TOTAL # OF BOTTLES SENT	**CLIENT COMMENTS**	**LAB COMMENTS (Lab Use Only)**
001	OW-5R	7-11-05	1355	W	X	X	X	X	X	X	X	10	6-40ml B 3-250ml A,C,D 1L Amber A	
002	P-5B		1352		X	X	X	X	X	X	X	10	↓	↓
003	OW-7A		1246		X	X	X	X	X	X	X	10		
004	PZ-7B		1251		X	X	X	X	X	X	X	10		
005	OW-12		1110		X	X	X	X	X	X	X	10		
006	PZ-12B		1120		X	X	X	X	X	X	X	10		
007	QC-1	7-11-05	—	W	X	X	X	X	X	X	X	10		
008	TB	—	—	W								2	-40ml B H2o TBLK	

Rush Turnaround Time Requested (TAT) - Prelim
(Rush TAT subject to approval/surcharge)
Date Needed:
Transmit Prelim Rush Results by (circle):
Phone Fax E-Mail
Phone #:
Fax #:
E-Mail Address:
Samples on HOLD are subject to special pricing and release of liability

Relinquished By:	Date/Time: 7-12-05 1000	Received By:	Date/Time: 7/13/05 1000
Relinquished By:	Date/Time: 7/13/05	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received By:	Date/Time: 7/14/05 0855
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received By:	Date/Time:

En Chem Project No. 861454
Sample Receipt Temp. ROI
Sample Receipt pH (Wet/Metals)
Cooler Custody Seal
Present / [✓ Not Present]
Intact / Not Intact

Version 4.0: 07/03

Pace Analytical®

1241 Bellevue Street, Suite 9
Green Bay, WI 54302
920-469-2436, Fax: 920-469-8827

Analytical Report Number: 864708

Client: NATURAL RESOURCE TECHNOLOGY

Lab Contact: Tom Trainor

Project Name: WPSC - STEVENS POINT

Project Number: 1177/3.5

Lab Sample Number	Field ID	Matrix	Collection Date
864708-001	OW5R	GW	10/03/05 11:31
864708-002	P-5B	GW	10/03/05 11:30
864708-003	OW6	GW	10/03/05 11:02
864708-004	OW7A	GW	10/03/05 10:28
864708-005	PZ7B	GW	10/03/05 10:23
864708-006	OW9	GW	10/03/05 12:21
864708-007	PZ9B	GW	10/03/05 12:24
864708-008	PZ11B	GW	10/03/05 09:15
864708-009	OW12	GW	10/03/05 13:42
864708-010	PZ12B	GW	10/03/05 13:38
864708-011	PZ13B	GW	10/03/05 09:51
864708-012	QC01	GW	10/03/05
864708-013	QC02	GW	10/03/05
864708-014	TRIP BLANK	WATER	10/03/05

I certify that the data contained in this Final Report has been generated and reviewed in accordance with approved methods and Laboratory Standard Operating Procedure. Exceptions, if any, are discussed in the accompanying sample comments. Release of this final report is authorized by Laboratory management, as is verified by the following signature. This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, Inc. The sample results relate only to the analytes of interest tested.

Tom Trainor
Approval Signature

10-21-05
Date

Pace Analytical Services, Inc.

Analytical Report Number: 864708

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : NATURAL RESOURCE TECHNOLOGY
Project Name : WPSC - STEVENS POINT
Project Number : 1177/3.5
Field ID : OW5R

Matrix Type : GROUNDWATER
Collection Date : 10/03/05
Report Date : 10/21/05
Lab Sample Number : 864708-001

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Iron - Dissolved	11000	6.3	21		1	ug/L		10/19/05	SW846 6010B	SW846 6010B
Alkalinity as CaCO3	350	6.3	21		1	mg/L		10/08/05	EPA 310.2	EPA 310.2
Nitrogen, NO3 + NO2	< 0.061	0.061	0.20		1	mg/L		10/10/05	EPA 353.2	EPA 353.2
Sulfate	400	4.2	14		5	mg/L		10/06/05	EPA 300.0	EPA 300.0

BENZENE

Prep Date: 10/08/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Benzene	1.7	0.14	0.46		1	ug/L		10/08/05	SW846 5030B	SW846 M8021
Surrogate		**LCL**	**UCL**							
a,a,a-Trifluorotoluene	98	80	124		1	%		10/08/05	SW846 5030B	SW846 M8021

METHANE

Prep Date: 10/13/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methane	49			10	1	ug/L		10/13/05	SW846 M8015	SW846 M8015

PAH/ PNA

Prep Date: 10/06/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1-Methylnaphthalene	1.2	0.10	0.34		10	ug/L		10/10/05	SW846 3510C	8270C-SIM
2-Methylnaphthalene	< 0.11	0.11	0.37		10	ug/L		10/10/05	SW846 3510C	8270C-SIM
Acenaphthene	2.3	0.082	0.27		10	ug/L		10/10/05	SW846 3510C	8270C-SIM
Acenaphthylene	0.99	0.081	0.27		10	ug/L		10/10/05	SW846 3510C	8270C-SIM
Anthracene	0.18	0.12	0.39		10	ug/L	Q	10/10/05	SW846 3510C	8270C-SIM
Benzo(a)anthracene	< 0.16	0.16	0.52		10	ug/L		10/10/05	SW846 3510C	8270C-SIM
Benzo(a)pyrene	< 0.18	0.18	0.61		10	ug/L		10/10/05	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	< 0.16	0.16	0.52		10	ug/L	Z	10/10/05	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	< 0.19	0.19	0.64		10	ug/L		10/10/05	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	< 0.19	0.19	0.64		10	ug/L	Z	10/10/05	SW846 3510C	8270C-SIM
Chrysene	< 0.19	0.19	0.63		10	ug/L		10/10/05	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	< 0.19	0.19	0.63		10	ug/L		10/10/05	SW846 3510C	8270C-SIM
Fluoranthene	1.1	0.15	0.52		10	ug/L		10/10/05	SW846 3510C	8270C-SIM
Fluorene	0.46	0.091	0.30		10	ug/L		10/10/05	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	< 0.19	0.19	0.63		10	ug/L		10/10/05	SW846 3510C	8270C-SIM
Naphthalene	< 0.47	0.47	1.6		10	ug/L		10/10/05	SW846 3510C	8270C-SIM
Phenanthrene	< 0.11	0.11	0.38		10	ug/L		10/10/05	SW846 3510C	8270C-SIM
Pyrene	0.67	0.15	0.48		10	ug/L		10/10/05	SW846 3510C	8270C-SIM
Surrogate		**LCL**	**UCL**							
Nitrobenzene-d5	0.0	10	136		10	%	D	10/10/05	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	0.0	14	130		10	%	D	10/10/05	SW846 3510C	8270C-SIM
Terphenyl-d14	0.0	46	137		10	%	D	10/10/05	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

Analytical Report Number: 864708

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : NATURAL RESOURCE TECHNOLOGY
Project Name : WPSC - STEVENS POINT
Project Number : 1177/3.5
Field ID : P-5B

Matrix Type : GROUNDWATER
Collection Date : 10/03/05
Report Date : 10/21/05
Lab Sample Number : 864708-002

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Iron - Dissolved	3500	6.3	21		1	ug/L	E	10/19/05	SW846 6010B	SW846 6010B
Alkalinity as CaCO3	140	6.3	21		1	mg/L		10/08/05	EPA 310.2	EPA 310.2
Nitrogen, NO3 + NO2	< 0.061	0.061	0.20		1	mg/L		10/10/05	EPA 353.2	EPA 353.2
Sulfate	< 0.83	0.83	2.8		1	mg/L		10/06/05	EPA 300.0	EPA 300.0

BENZENE

Prep Date: 10/08/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Benzene	8.4	3.4	11		25	ug/L	Q	10/08/05	SW846 5030B	SW846 M8021
Surrogate		**LCL**	**UCL**							
a,a,a-Trifluorotoluene	99	80	124		1	%		10/08/05	SW846 5030B	SW846 M8021

METHANE

Prep Date: 10/13/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methane	560			50	5	ug/L		10/13/05	SW846 M8015	SW846 M8015

PAH/ PNA

Prep Date: 10/06/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1-Methylnaphthalene	130	16	54		1600	ug/L	D	10/10/05	SW846 3510C	8270C-SIM
2-Methylnaphthalene	31	2.2	7.5		200	ug/L		10/09/05	SW846 3510C	8270C-SIM
Acenaphthene	130	13	44		1600	ug/L	D	10/10/05	SW846 3510C	8270C-SIM
Acenaphthylene	21	1.6	5.4		200	ug/L		10/09/05	SW846 3510C	8270C-SIM
Anthracene	5.2	2.3	7.7		200	ug/L	Q	10/09/05	SW846 3510C	8270C-SIM
Benzo(a)anthracene	< 3.1	3.1	10		200	ug/L		10/09/05	SW846 3510C	8270C-SIM
Benzo(a)pyrene	< 3.7	3.7	12		200	ug/L		10/09/05	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	< 3.1	3.1	10		200	ug/L	Z	10/09/05	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	< 3.9	3.9	13		200	ug/L		10/09/05	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	< 3.9	3.9	13		200	ug/L	Z	10/09/05	SW846 3510C	8270C-SIM
Chrysene	< 3.8	3.8	13		200	ug/L		10/09/05	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	< 3.8	3.8	13		200	ug/L		10/09/05	SW846 3510C	8270C-SIM
Fluoranthene	< 3.1	3.1	10		200	ug/L		10/09/05	SW846 3510C	8270C-SIM
Fluorene	44	1.8	6.0		200	ug/L		10/09/05	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	< 3.8	3.8	13		200	ug/L		10/09/05	SW846 3510C	8270C-SIM
Naphthalene	440	75	250		1600	ug/L	D	10/10/05	SW846 3510C	8270C-SIM
Phenanthrene	30	2.3	7.6		200	ug/L		10/09/05	SW846 3510C	8270C-SIM
Pyrene	< 2.9	2.9	9.7		200	ug/L		10/09/05	SW846 3510C	8270C-SIM
Surrogate		**LCL**	**UCL**							
Nitrobenzene-d5	0	10	136		200	%	D	10/09/05	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	0	14	130		200	%	D	10/09/05	SW846 3510C	8270C-SIM
Terphenyl-d14	0	46	137		200	%	D	10/09/05	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

Analytical Report Number: 864708

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : NATURAL RESOURCE TECHNOLOGY
Project Name : WPSC - STEVENS POINT
Project Number : 1177/3.5
Field ID : OW6

Matrix Type : GROUNDWATER
Collection Date : 10/03/05
Report Date : 10/21/05
Lab Sample Number : 864708-003

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Iron - Dissolved	4100	6.3	21		1	ug/L		10/19/05	SW846 6010B	SW846 6010B
Alkalinity as CaCO3	350	6.3	21		1	mg/L		10/08/05	EPA 310.2	EPA 310.2
Nitrogen, NO3 + NO2	< 0.061	0.061	0.20		1	mg/L		10/10/05	EPA 353.2	EPA 353.2
Sulfate	11	0.83	2.8		1	mg/L		10/06/05	EPA 300.0	EPA 300.0

BENZENE

Prep Date: 10/08/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Benzene	< 6.9	6.9	23		50	ug/L	K	10/08/05	SW846 5030B	SW846 M8021
Surrogate		**LCL**	**UCL**							
a,a,a-Trifluorotoluene	99	80	124		1	%		10/08/05	SW846 5030B	SW846 M8021

METHANE

Prep Date: 10/13/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methane	1600			100	10	ug/L		10/13/05	SW846 M8015	SW846 M8015

PAH/ PNA

Prep Date: 10/06/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1-Methylnaphthalene	130	51	170		5000	ug/L	QD	10/10/05	SW846 3510C	8270C-SIM
2-Methylnaphthalene	100	2.2	7.5		200	ug/L	E	10/09/05	SW846 3510C	8270C-SIM
Acenaphthene	79	1.6	5.4		200	ug/L		10/09/05	SW846 3510C	8270C-SIM
Acenaphthylene	120	41	140		5000	ug/L	QD	10/10/05	SW846 3510C	8270C-SIM
Anthracene	5.1	2.3	7.7		200	ug/L	Q	10/09/05	SW846 3510C	8270C-SIM
Benzo(a)anthracene	< 3.1	3.1	10		200	ug/L		10/09/05	SW846 3510C	8270C-SIM
Benzo(a)pyrene	< 3.7	3.7	12		200	ug/L		10/09/05	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	< 3.1	3.1	10		200	ug/L	Z	10/09/05	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	< 3.9	3.9	13		200	ug/L		10/09/05	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	< 3.9	3.9	13		200	ug/L	Z	10/09/05	SW846 3510C	8270C-SIM
Chrysene	< 3.8	3.8	13		200	ug/L		10/09/05	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	< 3.8	3.8	13		200	ug/L		10/09/05	SW846 3510C	8270C-SIM
Fluoranthene	< 3.1	3.1	10		200	ug/L		10/09/05	SW846 3510C	8270C-SIM
Fluorene	21	1.8	6.0		200	ug/L		10/09/05	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	< 3.8	3.8	13		200	ug/L		10/09/05	SW846 3510C	8270C-SIM
Naphthalene	1800	240	790		5000	ug/L	D	10/10/05	SW846 3510C	8270C-SIM
Phenanthrene	40	2.3	7.6		200	ug/L		10/09/05	SW846 3510C	8270C-SIM
Pyrene	< 2.9	2.9	9.7		200	ug/L		10/09/05	SW846 3510C	8270C-SIM
Surrogate		**LCL**	**UCL**							
Nitrobenzene-d5	0	10	136		200	%	D	10/09/05	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	0	14	130		200	%	D	10/09/05	SW846 3510C	8270C-SIM
Terphenyl-d14	0	46	137		200	%	D	10/09/05	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

Analytical Report Number: 864708

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : NATURAL RESOURCE TECHNOLOGY
Project Name : WPSC - STEVENS POINT
Project Number : 1177/3.5
Field ID : OW7A

Matrix Type : GROUNDWATER
Collection Date : 10/03/05
Report Date : 10/21/05
Lab Sample Number : 864708-004

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Iron - Dissolved	26000	6.3	21		1	ug/L		10/19/05	SW846 6010B	SW846 6010B
Alkalinity as CaCO3	210	6.3	21		1	mg/L		10/08/05	EPA 310.2	EPA 310.2
Nitrogen, NO3 + NO2	< 0.061	0.061	0.20		1	mg/L		10/10/05	EPA 353.2	EPA 353.2
Sulfate	< 0.83	0.83	2.8		1	mg/L		10/06/05	EPA 300.0	EPA 300.0

BENZENE

Prep Date: 10/08/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Benzene	14	1.4	4.6		10	ug/L		10/08/05	SW846 5030B	SW846 M8021
Surrogate		**LCL**	**UCL**							
a,a,a-Trifluorotoluene	99	80	124		1	%		10/08/05	SW846 5030B	SW846 M8021

METHANE

Prep Date: 10/13/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methane	7100			1000	100	ug/L		10/13/05	SW846 M8015	SW846 M8015

PAH/ PNA

Prep Date: 10/06/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1-Methylnaphthalene	34	2.0	6.8		200	ug/L		10/09/05	SW846 3510C	8270C-SIM
2-Methylnaphthalene	36	2.2	7.5		200	ug/L		10/09/05	SW846 3510C	8270C-SIM
Acenaphthene	40	1.6	5.4		200	ug/L		10/09/05	SW846 3510C	8270C-SIM
Acenaphthylene	< 1.6	1.6	5.4		200	ug/L		10/09/05	SW846 3510C	8270C-SIM
Anthracene	3.8	2.3	7.7		200	ug/L	Q	10/09/05	SW846 3510C	8270C-SIM
Benzo(a)anthracene	< 3.1	3.1	10		200	ug/L		10/09/05	SW846 3510C	8270C-SIM
Benzo(a)pyrene	< 3.7	3.7	12		200	ug/L		10/09/05	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	< 3.1	3.1	10		200	ug/L	Z	10/09/05	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	< 3.9	3.9	13		200	ug/L		10/09/05	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	< 3.9	3.9	13		200	ug/L	Z	10/09/05	SW846 3510C	8270C-SIM
Chrysene	< 3.8	3.8	13		200	ug/L		10/09/05	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	< 3.8	3.8	13		200	ug/L		10/09/05	SW846 3510C	8270C-SIM
Fluoranthene	< 3.1	3.1	10		200	ug/L		10/09/05	SW846 3510C	8270C-SIM
Fluorene	17	1.8	6.0		200	ug/L		10/09/05	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	< 3.8	3.8	13		200	ug/L		10/09/05	SW846 3510C	8270C-SIM
Naphthalene	400	75	250		1600	ug/L	D	10/10/05	SW846 3510C	8270C-SIM
Phenanthrene	21	2.3	7.6		200	ug/L		10/09/05	SW846 3510C	8270C-SIM
Pyrene	< 2.9	2.9	9.7		200	ug/L		10/09/05	SW846 3510C	8270C-SIM
Surrogate		**LCL**	**UCL**							
Nitrobenzene-d5	0	10	136		200	%	D	10/09/05	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	0	14	130		200	%	D	10/09/05	SW846 3510C	8270C-SIM
Terphenyl-d14	0	46	137		200	%	D	10/09/05	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

Analytical Report Number: 864708

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : NATURAL RESOURCE TECHNOLOGY
Project Name : WPSC - STEVENS POINT
Project Number : 1177/3.5
Field ID : PZ7B

Matrix Type : GROUNDWATER
Collection Date : 10/03/05
Report Date : 10/21/05
Lab Sample Number : 864708-005

INORGANICS

Test		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Iron - Dissolved		3000	6.3	21		1	ug/L		10/19/05	SW846 6010B	SW846 6010B
Alkalinity as CaCO3		96	6.3	21		1	mg/L		10/08/05	EPA 310.2	EPA 310.2
Nitrogen, NO3 + NO2	<	0.061	0.061	0.20		1	mg/L		10/10/05	EPA 353.2	EPA 353.2
Sulfate	<	0.83	0.83	2.8		1	mg/L		10/06/05	EPA 300.0	EPA 300.0

BENZENE

Prep Date: 10/08/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Benzene	1.4	1.4	4.6		10	ug/L	Q	10/08/05	SW846 5030B	SW846 M8021
Surrogate		**LCL**	**UCL**							
a,a,a-Trifluorotoluene	98	80	124		1	%		10/08/05	SW846 5030B	SW846 M8021

METHANE

Prep Date: 10/13/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methane	1900			200	20	ug/L		10/13/05	SW846 M8015	SW846 M8015

PAH/ PNA

Prep Date: 10/06/05

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1-Methylnaphthalene		97	25	84		2500	ug/L	D	10/10/05	SW846 3510C	8270C-SIM
2-Methylnaphthalene		85	28	93		2500	ug/L	QD	10/10/05	SW846 3510C	8270C-SIM
Acenaphthene		72	1.6	5.4		200	ug/L		10/09/05	SW846 3510C	8270C-SIM
Acenaphthylene		20	1.6	5.4		200	ug/L		10/09/05	SW846 3510C	8270C-SIM
Anthracene	<	2.3	2.3	7.7		200	ug/L		10/09/05	SW846 3510C	8270C-SIM
Benzo(a)anthracene	<	3.1	3.1	10		200	ug/L		10/09/05	SW846 3510C	8270C-SIM
Benzo(a)pyrene	<	3.7	3.7	12		200	ug/L		10/09/05	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	<	3.1	3.1	10		200	ug/L	Z	10/09/05	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	<	3.9	3.9	13		200	ug/L		10/09/05	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	<	3.9	3.9	13		200	ug/L	Z	10/09/05	SW846 3510C	8270C-SIM
Chrysene	<	3.8	3.8	13		200	ug/L		10/09/05	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	<	3.8	3.8	13		200	ug/L		10/09/05	SW846 3510C	8270C-SIM
Fluoranthene	<	3.1	3.1	10		200	ug/L		10/09/05	SW846 3510C	8270C-SIM
Fluorene		9.5	1.8	6.0		200	ug/L		10/09/05	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	<	3.8	3.8	13		200	ug/L		10/09/05	SW846 3510C	8270C-SIM
Naphthalene		890	120	390		2500	ug/L	D	10/10/05	SW846 3510C	8270C-SIM
Phenanthrene		7.9	2.3	7.6		200	ug/L		10/09/05	SW846 3510C	8270C-SIM
Pyrene	<	2.9	2.9	9.7		200	ug/L		10/09/05	SW846 3510C	8270C-SIM
Surrogate			**LCL**	**UCL**							
Nitrobenzene-d5		0	10	136		200	%	D	10/09/05	SW846 3510C	8270C-SIM
2-Fluorobiphenyl		0	14	130		200	%	D	10/09/05	SW846 3510C	8270C-SIM
Terphenyl-d14		0	46	137		200	%	D	10/09/05	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

Analytical Report Number: 864708

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : NATURAL RESOURCE TECHNOLOGY
Project Name : WPSC - STEVENS POINT
Project Number : 1177/3.5
Field ID : OW9

Matrix Type : GROUNDWATER
Collection Date : 10/03/05
Report Date : 10/21/05
Lab Sample Number : 864708-006

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Iron - Dissolved	11000	6.3	21		1	ug/L		10/19/05	SW846 6010B	SW846 6010B
Alkalinity as CaCO3	230	6.3	21		1	mg/L		10/08/05	EPA 310.2	EPA 310.2
Nitrogen, NO3 + NO2	< 0.061	0.061	0.20		1	mg/L		10/14/05	EPA 353.2	EPA 353.2
Sulfate	15	0.83	2.8		1	mg/L		10/07/05	EPA 300.0	EPA 300.0

BENZENE

Prep Date: 10/08/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Benzene	180	6.9	23		50	ug/L		10/08/05	SW846 5030B	SW846 M8021
Surrogate		**LCL**	**UCL**							
a,a,a-Trifluorotoluene	98	80	124		1	%		10/08/05	SW846 5030B	SW846 M8021

METHANE

Prep Date: 10/13/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methane	3300			250	25	ug/L		10/13/05	SW846 M8015	SW846 M8015

PAH/ PNA

Prep Date: 10/06/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1-Methylnaphthalene	160	81	270		8000	ug/L	QD	10/10/05	SW846 3510C	8270C-SIM
2-Methylnaphthalene	49	2.2	7.5		200	ug/L		10/09/05	SW846 3510C	8270C-SIM
Acenaphthene	120	65	220		8000	ug/L	QD	10/10/05	SW846 3510C	8270C-SIM
Acenaphthylene	50	1.6	5.4		200	ug/L		10/09/05	SW846 3510C	8270C-SIM
Anthracene	6.3	2.3	7.7		200	ug/L	Q	10/09/05	SW846 3510C	8270C-SIM
Benzo(a)anthracene	< 3.1	3.1	10		200	ug/L		10/09/05	SW846 3510C	8270C-SIM
Benzo(a)pyrene	< 3.7	3.7	12		200	ug/L		10/09/05	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	< 3.1	3.1	10		200	ug/L	Z	10/09/05	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	< 3.9	3.9	13		200	ug/L		10/09/05	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	< 3.9	3.9	13		200	ug/L	Z	10/09/05	SW846 3510C	8270C-SIM
Chrysene	< 3.8	3.8	13		200	ug/L		10/09/05	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	< 3.8	3.8	13		200	ug/L		10/09/05	SW846 3510C	8270C-SIM
Fluoranthene	5.8	3.1	10		200	ug/L	Q	10/09/05	SW846 3510C	8270C-SIM
Fluorene	59	1.8	6.0		200	ug/L		10/09/05	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	< 3.8	3.8	13		200	ug/L		10/09/05	SW846 3510C	8270C-SIM
Naphthalene	1700	380	1300		8000	ug/L	D	10/10/05	SW846 3510C	8270C-SIM
Phenanthrene	72	2.3	7.6		200	ug/L		10/09/05	SW846 3510C	8270C-SIM
Pyrene	3.7	2.9	9.7		200	ug/L	Q	10/09/05	SW846 3510C	8270C-SIM
Surrogate		**LCL**	**UCL**							
Nitrobenzene-d5	0	10	136		200	%	D	10/09/05	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	0	14	130		200	%	D	10/09/05	SW846 3510C	8270C-SIM
Terphenyl-d14	0	46	137		200	%	D	10/09/05	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

Analytical Report Number: 864708

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : NATURAL RESOURCE TECHNOLOGY
Project Name : WPSC - STEVENS POINT
Project Number : 1177/3.5
Field ID : PZ9B

Matrix Type : GROUNDWATER
Collection Date : 10/03/05
Report Date : 10/21/05
Lab Sample Number : 864708-007

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Iron - Dissolved	3400	6.3	21		1	ug/L		10/19/05	SW846 6010B	SW846 6010B
Alkalinity as CaCO3	110	6.3	21		1	mg/L		10/08/05	EPA 310.2	EPA 310.2
Nitrogen, NO3 + NO2	0.066	0.061	0.20		1	mg/L	Q	10/14/05	EPA 353.2	EPA 353.2
Sulfate	11	0.83	2.8		1	mg/L		10/06/05	EPA 300.0	EPA 300.0

BENZENE

Prep Date: 10/08/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Benzene	< 0.14	0.14	0.46		1	ug/L		10/08/05	SW846 5030B	SW846 M8021
Surrogate		**LCL**	**UCL**							
a,a,a-Trifluorotoluene	99	80	124		1	%		10/08/05	SW846 5030B	SW846 M8021

METHANE

Prep Date: 10/13/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methane	< 10			10	1	ug/L		10/13/05	SW846 M8015	SW846 M8015

PAH/ PNA

Prep Date: 10/06/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1-Methylnaphthalene	0.72	0.051	0.17		5	ug/L	D	10/10/05	SW846 3510C	8270C-SIM
2-Methylnaphthalene	0.034	0.011	0.037		1	ug/L	Q	10/08/05	SW846 3510C	8270C-SIM
Acenaphthene	1.6	0.041	0.14		5	ug/L	D	10/10/05	SW846 3510C	8270C-SIM
Acenaphthylene	0.044	0.0081	0.027		1	ug/L		10/08/05	SW846 3510C	8270C-SIM
Anthracene	0.014	0.012	0.039		1	ug/L	Q	10/08/05	SW846 3510C	8270C-SIM
Benzo(a)anthracene	< 0.016	0.016	0.052		1	ug/L		10/08/05	SW846 3510C	8270C-SIM
Benzo(a)pyrene	< 0.018	0.018	0.061		1	ug/L		10/08/05	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	< 0.016	0.016	0.052		1	ug/L	Z	10/08/05	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	< 0.019	0.019	0.064		1	ug/L		10/08/05	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	< 0.019	0.019	0.064		1	ug/L	Z	10/08/05	SW846 3510C	8270C-SIM
Chrysene	< 0.019	0.019	0.063		1	ug/L		10/08/05	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	< 0.019	0.019	0.063		1	ug/L		10/08/05	SW846 3510C	8270C-SIM
Fluoranthene	< 0.015	0.015	0.052		1	ug/L		10/08/05	SW846 3510C	8270C-SIM
Fluorene	0.023	0.0091	0.030		1	ug/L	Q	10/08/05	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	< 0.019	0.019	0.063		1	ug/L		10/08/05	SW846 3510C	8270C-SIM
Naphthalene	1.2	0.24	0.79		5	ug/L	D	10/10/05	SW846 3510C	8270C-SIM
Phenanthrene	0.019	0.011	0.038		1	ug/L	Q	10/08/05	SW846 3510C	8270C-SIM
Pyrene	< 0.015	0.015	0.048		1	ug/L		10/08/05	SW846 3510C	8270C-SIM
Surrogate		**LCL**	**UCL**							
Nitrobenzene-d5	68	10	136		1	%		10/08/05	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	51	14	130		1	%		10/08/05	SW846 3510C	8270C-SIM
Terphenyl-d14	82	46	137		1	%		10/08/05	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

Analytical Report Number: 864708

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : NATURAL RESOURCE TECHNOLOGY
Project Name : WPSC - STEVENS POINT
Project Number : 1177/3.5
Field ID : PZ11B

Matrix Type : GROUNDWATER
Collection Date : 10/03/05
Report Date : 10/21/05
Lab Sample Number : 864708-008

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Iron - Dissolved	54	6.3	21		1	ug/L		10/19/05	SW846 6010B	SW846 6010B
Alkalinity as CaCO3	140	6.3	21		1	mg/L		10/13/05	EPA 310.2	EPA 310.2
Nitrogen, NO3 + NO2	0.17	0.061	0.20		1	mg/L	Q	10/14/05	EPA 353.2	EPA 353.2
Sulfate	8.3	0.83	2.8		1	mg/L		10/06/05	EPA 300.0	EPA 300.0

BENZENE

Prep Date: 10/08/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Benzene	< 0.14	0.14	0.46		1	ug/L		10/08/05	SW846 5030B	SW846 M8021
Surrogate		**LCL**	**UCL**							
a,a,a-Trifluorotoluene	99	80	124		1	%		10/08/05	SW846 5030B	SW846 M8021

METHANE

Prep Date: 10/13/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methane	< 10			10	1	ug/L		10/13/05	SW846 M8015	SW846 M8015

PAH/ PNA

Prep Date: 10/06/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1-Methylnaphthalene	0.019	0.010	0.034		1	ug/L	Q	10/08/05	SW846 3510C	8270C-SIM
2-Methylnaphthalene	< 0.011	0.011	0.037		1	ug/L		10/08/05	SW846 3510C	8270C-SIM
Acenaphthene	0.023	0.0082	0.027		1	ug/L	Q	10/08/05	SW846 3510C	8270C-SIM
Acenaphthylene	0.0096	0.0081	0.027		1	ug/L	Q	10/08/05	SW846 3510C	8270C-SIM
Anthracene	< 0.012	0.012	0.039		1	ug/L		10/08/05	SW846 3510C	8270C-SIM
Benzo(a)anthracene	< 0.016	0.016	0.052		1	ug/L		10/08/05	SW846 3510C	8270C-SIM
Benzo(a)pyrene	< 0.018	0.018	0.061		1	ug/L		10/08/05	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	< 0.016	0.016	0.052		1	ug/L	Z	10/08/05	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	< 0.019	0.019	0.064		1	ug/L		10/08/05	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	< 0.019	0.019	0.064		1	ug/L	Z	10/08/05	SW846 3510C	8270C-SIM
Chrysene	< 0.019	0.019	0.063		1	ug/L		10/08/05	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	< 0.019	0.019	0.063		1	ug/L		10/08/05	SW846 3510C	8270C-SIM
Fluoranthene	< 0.015	0.015	0.052		1	ug/L		10/08/05	SW846 3510C	8270C-SIM
Fluorene	0.0091	0.0091	0.030		1	ug/L	Q	10/08/05	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	< 0.019	0.019	0.063		1	ug/L		10/08/05	SW846 3510C	8270C-SIM
Naphthalene	0.14	0.047	0.16		1	ug/L	Q	10/08/05	SW846 3510C	8270C-SIM
Phenanthrene	0.015	0.011	0.038		1	ug/L	Q	10/08/05	SW846 3510C	8270C-SIM
Pyrene	< 0.015	0.015	0.048		1	ug/L		10/08/05	SW846 3510C	8270C-SIM
Surrogate		**LCL**	**UCL**							
Nitrobenzene-d5	70	10	136		1	%		10/08/05	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	54	14	130		1	%		10/08/05	SW846 3510C	8270C-SIM
Terphenyl-d14	82	46	137		1	%		10/08/05	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

Analytical Report Number: 864708

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : NATURAL RESOURCE TECHNOLOGY
Project Name : WPSC - STEVENS POINT
Project Number : 1177/3.5
Field ID : OW12

Matrix Type : GROUNDWATER
Collection Date : 10/03/05
Report Date : 10/21/05
Lab Sample Number : 864708-009

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Iron - Dissolved	19000	6.3	21		1	ug/L		10/19/05	SW846 6010B	SW846 6010B
Alkalinity as CaCO3	150	6.3	21		1	mg/L		10/13/05	EPA 310.2	EPA 310.2
Nitrogen, NO3 + NO2	< 0.061	0.061	0.20		1	mg/L		10/14/05	EPA 353.2	EPA 353.2
Sulfate	< 0.83	0.83	2.8		1	mg/L		10/06/05	EPA 300.0	EPA 300.0

BENZENE

Prep Date: 10/08/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Benzene	9.4	0.14	0.46		1	ug/L		10/08/05	SW846 5030B	SW846 M8021
Surrogate		**LCL**	**UCL**							
a,a,a-Trifluorotoluene	96	80	124		1	%		10/08/05	SW846 5030B	SW846 M8021

METHANE

Prep Date: 10/13/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methane	1700			250	25	ug/L		10/13/05	SW846 M8015	SW846 M8015

PAH/ PNA

Prep Date: 10/06/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1-Methylnaphthalene	4.5	0.51	1.7		50	ug/L		10/10/05	SW846 3510C	8270C-SIM
2-Methylnaphthalene	< 0.56	0.56	1.9		50	ug/L		10/10/05	SW846 3510C	8270C-SIM
Acenaphthene	14	0.41	1.4		50	ug/L		10/10/05	SW846 3510C	8270C-SIM
Acenaphthylene	< 0.41	0.41	1.4		50	ug/L		10/10/05	SW846 3510C	8270C-SIM
Anthracene	1.7	0.58	1.9		50	ug/L	Q	10/10/05	SW846 3510C	8270C-SIM
Benzo(a)anthracene	< 0.78	0.78	2.6		50	ug/L		10/10/05	SW846 3510C	8270C-SIM
Benzo(a)pyrene	< 0.92	0.92	3.1		50	ug/L		10/10/05	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	< 0.78	0.78	2.6		50	ug/L	Z	10/10/05	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	< 0.96	0.96	3.2		50	ug/L		10/10/05	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	< 0.97	0.97	3.2		50	ug/L	Z	10/10/05	SW846 3510C	8270C-SIM
Chrysene	< 0.95	0.95	3.2		50	ug/L		10/10/05	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	< 0.94	0.94	3.1		50	ug/L		10/10/05	SW846 3510C	8270C-SIM
Fluoranthene	2.3	0.77	2.6		50	ug/L	Q	10/10/05	SW846 3510C	8270C-SIM
Fluorene	6.6	0.45	1.5		50	ug/L		10/10/05	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	< 0.94	0.94	3.1		50	ug/L		10/10/05	SW846 3510C	8270C-SIM
Naphthalene	13	2.4	7.9		50	ug/L		10/10/05	SW846 3510C	8270C-SIM
Phenanthrene	13	0.57	1.9		50	ug/L		10/10/05	SW846 3510C	8270C-SIM
Pyrene	1.5	0.73	2.4		50	ug/L	Q	10/10/05	SW846 3510C	8270C-SIM
Surrogate		**LCL**	**UCL**							
Nitrobenzene-d5	0	10	136		50	%	D	10/10/05	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	0	14	130		50	%	D	10/10/05	SW846 3510C	8270C-SIM
Terphenyl-d14	0	46	137		50	%	D	10/10/05	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

Analytical Report Number: 864708

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : NATURAL RESOURCE TECHNOLOGY
Project Name : WPSC - STEVENS POINT
Project Number : 1177/3.5
Field ID : PZ12B

Matrix Type : GROUNDWATER
Collection Date : 10/03/05
Report Date : 10/21/05
Lab Sample Number : 864708-010

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Iron - Dissolved	9.0	6.3	21		1	ug/L	Q	10/19/05	SW846 6010B	SW846 6010B
Alkalinity as CaCO3	27	6.3	21		1	mg/L		10/13/05	EPA 310.2	EPA 310.2
Nitrogen, NO3 + NO2	0.24	0.061	0.20		1	mg/L		10/14/05	EPA 353.2	EPA 353.2
Sulfate	1.6	0.83	2.8		1	mg/L	Q	10/06/05	EPA 300.0	EPA 300.0

BENZENE

Prep Date: 10/08/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Benzene	< 0.14	0.14	0.46		1	ug/L		10/08/05	SW846 5030B	SW846 M8021
Surrogate		**LCL**	**UCL**							
a,a,a-Trifluorotoluene	99	80	124		1	%		10/08/05	SW846 5030B	SW846 M8021

METHANE

Prep Date: 10/13/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methane	< 10			10	1	ug/L		10/13/05	SW846 M8015	SW846 M8015

PAH/ PNA

Prep Date: 10/06/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1-Methylnaphthalene	0.016	0.010	0.034		1	ug/L	Q	10/11/05	SW846 3510C	8270C-SIM
2-Methylnaphthalene	< 0.011	0.011	0.037		1	ug/L		10/11/05	SW846 3510C	8270C-SIM
Acenaphthene	0.016	0.0082	0.027		1	ug/L	Q	10/11/05	SW846 3510C	8270C-SIM
Acenaphthylene	0.038	0.0081	0.027		1	ug/L		10/11/05	SW846 3510C	8270C-SIM
Anthracene	0.024	0.012	0.039		1	ug/L	Q	10/11/05	SW846 3510C	8270C-SIM
Benzo(a)anthracene	0.066	0.016	0.052		1	ug/L		10/11/05	SW846 3510C	8270C-SIM
Benzo(a)pyrene	0.064	0.018	0.061		1	ug/L		10/11/05	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	0.057	0.016	0.052		1	ug/L	Z	10/11/05	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	0.051	0.019	0.064		1	ug/L	Q	10/11/05	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	0.044	0.019	0.064		1	ug/L	QZ	10/11/05	SW846 3510C	8270C-SIM
Chrysene	0.065	0.019	0.063		1	ug/L		10/11/05	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	< 0.019	0.019	0.063		1	ug/L		10/11/05	SW846 3510C	8270C-SIM
Fluoranthene	0.13	0.015	0.052		1	ug/L		10/11/05	SW846 3510C	8270C-SIM
Fluorene	< 0.0091	0.0091	0.030		1	ug/L		10/11/05	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	0.039	0.019	0.063		1	ug/L	Q	10/11/05	SW846 3510C	8270C-SIM
Naphthalene	0.12	0.047	0.16		1	ug/L	Q	10/11/05	SW846 3510C	8270C-SIM
Phenanthrene	0.069	0.011	0.038		1	ug/L		10/11/05	SW846 3510C	8270C-SIM
Pyrene	0.18	0.015	0.048		1	ug/L		10/11/05	SW846 3510C	8270C-SIM
Surrogate		**LCL**	**UCL**							
Nitrobenzene-d5	65	10	136		1	%		10/11/05	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	46	14	130		1	%		10/11/05	SW846 3510C	8270C-SIM
Terphenyl-d14	71	46	137		1	%		10/11/05	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

Analytical Report Number: 864708

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : NATURAL RESOURCE TECHNOLOGY
Project Name : WPSC - STEVENS POINT
Project Number : 1177/3.5
Field ID : PZ13B

Matrix Type : GROUNDWATER
Collection Date : 10/03/05
Report Date : 10/21/05
Lab Sample Number : 864708-011

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Iron - Dissolved	210	6.3	21		1	ug/L		10/19/05	SW846 6010B	SW846 6010B
Alkalinity as CaCO3	180	6.3	21		1	mg/L		10/13/05	EPA 310.2	EPA 310.2
Nitrogen, NO3 + NO2	< 0.061	0.061	0.20		1	mg/L		10/14/05	EPA 353.2	EPA 353.2
Sulfate	13	0.83	2.8		1	mg/L		10/06/05	EPA 300.0	EPA 300.0

BENZENE

Prep Date: 10/08/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Benzene	< 0.14	0.14	0.46		1	ug/L		10/08/05	SW846 5030B	SW846 M8021
Surrogate		**LCL**	**UCL**							
a,a,a-Trifluorotoluene	99	80	124		1	%		10/08/05	SW846 5030B	SW846 M8021

METHANE

Prep Date: 10/13/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methane	36			10	1	ug/L		10/13/05	SW846 M8015	SW846 M8015

PAH/ PNA

Prep Date: 10/06/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1-Methylnaphthalene	0.015	0.010	0.034		1	ug/L	Q	10/08/05	SW846 3510C	8270C-SIM
2-Methylnaphthalene	0.022	0.011	0.037		1	ug/L	Q	10/08/05	SW846 3510C	8270C-SIM
Acenaphthene	0.040	0.0082	0.027		1	ug/L		10/08/05	SW846 3510C	8270C-SIM
Acenaphthylene	< 0.0081	0.0081	0.027		1	ug/L		10/08/05	SW846 3510C	8270C-SIM
Anthracene	< 0.012	0.012	0.039		1	ug/L		10/08/05	SW846 3510C	8270C-SIM
Benzo(a)anthracene	< 0.016	0.016	0.052		1	ug/L		10/08/05	SW846 3510C	8270C-SIM
Benzo(a)pyrene	< 0.018	0.018	0.061		1	ug/L		10/08/05	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	< 0.016	0.016	0.052		1	ug/L	Z	10/08/05	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	< 0.019	0.019	0.064		1	ug/L		10/08/05	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	< 0.019	0.019	0.064		1	ug/L	Z	10/08/05	SW846 3510C	8270C-SIM
Chrysene	< 0.019	0.019	0.063		1	ug/L		10/08/05	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	< 0.019	0.019	0.063		1	ug/L		10/08/05	SW846 3510C	8270C-SIM
Fluoranthene	< 0.015	0.015	0.052		1	ug/L		10/08/05	SW846 3510C	8270C-SIM
Fluorene	0.010	0.0091	0.030		1	ug/L	Q	10/08/05	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	< 0.019	0.019	0.063		1	ug/L		10/08/05	SW846 3510C	8270C-SIM
Naphthalene	0.067	0.047	0.16		1	ug/L	Q	10/08/05	SW846 3510C	8270C-SIM
Phenanthrene	0.012	0.011	0.038		1	ug/L	Q	10/08/05	SW846 3510C	8270C-SIM
Pyrene	< 0.015	0.015	0.048		1	ug/L		10/08/05	SW846 3510C	8270C-SIM
Surrogate		**LCL**	**UCL**							
Nitrobenzene-d5	60	10	136		1	%		10/08/05	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	42	14	130		1	%		10/08/05	SW846 3510C	8270C-SIM
Terphenyl-d14	75	46	137		1	%		10/08/05	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

Analytical Report Number: 864708

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : NATURAL RESOURCE TECHNOLOGY
Project Name : WPSC - STEVENS POINT
Project Number : 1177/3.5
Field ID : QC01

Matrix Type : GROUNDWATER
Collection Date : 10/03/05
Report Date : 10/21/05
Lab Sample Number : 864708-012

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Iron - Dissolved	27000	6.3	21		1	ug/L		10/19/05	SW846 6010B	SW846 6010B
Alkalinity as CaCO3	210	6.3	21		1	mg/L		10/13/05	EPA 310.2	EPA 310.2
Nitrogen, NO3 + NO2	< 0.061	0.061	0.20		1	mg/L		10/14/05	EPA 353.2	EPA 353.2
Sulfate	< 0.83	0.83	2.8		1	mg/L		10/06/05	EPA 300.0	EPA 300.0

BENZENE

Prep Date: 10/08/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Benzene	14	1.4	4.6		10	ug/L		10/08/05	SW846 5030B	SW846 M8021
Surrogate		**LCL**	**UCL**							
a,a,a-Trifluorotoluene	98	80	124		1	%		10/08/05	SW846 5030B	SW846 M8021

METHANE

Prep Date: 10/13/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methane	3400			500	50	ug/L		10/13/05	SW846 M8015	SW846 M8015

PAH/ PNA

Prep Date: 10/06/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1-Methylnaphthalene	33	10	34		1000	ug/L	QD	10/10/05	SW846 3510C	8270C-SIM
2-Methylnaphthalene	29	11	37		1000	ug/L	QD	10/10/05	SW846 3510C	8270C-SIM
Acenaphthene	39	8.2	27		1000	ug/L	D	10/10/05	SW846 3510C	8270C-SIM
Acenaphthylene	0.87	0.16	0.54		20	ug/L		10/08/05	SW846 3510C	8270C-SIM
Anthracene	4.5	0.23	0.77		20	ug/L		10/08/05	SW846 3510C	8270C-SIM
Benzo(a)anthracene	< 0.31	0.31	1.0		20	ug/L		10/08/05	SW846 3510C	8270C-SIM
Benzo(a)pyrene	< 0.37	0.37	1.2		20	ug/L		10/08/05	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	< 0.31	0.31	1.0		20	ug/L	Z	10/08/05	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	< 0.39	0.39	1.3		20	ug/L		10/08/05	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	< 0.39	0.39	1.3		20	ug/L	Z	10/08/05	SW846 3510C	8270C-SIM
Chrysene	< 0.38	0.38	1.3		20	ug/L		10/08/05	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	< 0.38	0.38	1.3		20	ug/L		10/08/05	SW846 3510C	8270C-SIM
Fluoranthene	2.8	0.31	1.0		20	ug/L		10/08/05	SW846 3510C	8270C-SIM
Fluorene	14	9.1	30		1000	ug/L	QD	10/10/05	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	< 0.38	0.38	1.3		20	ug/L		10/08/05	SW846 3510C	8270C-SIM
Naphthalene	400	47	160		1000	ug/L	D	10/10/05	SW846 3510C	8270C-SIM
Phenanthrene	20	11	38		1000	ug/L	QD	10/10/05	SW846 3510C	8270C-SIM
Pyrene	2.5	0.29	0.97		20	ug/L		10/08/05	SW846 3510C	8270C-SIM
Surrogate		**LCL**	**UCL**							
Nitrobenzene-d5	0	10	136		20	%	D	10/08/05	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	0	14	130		20	%	D	10/08/05	SW846 3510C	8270C-SIM
Terphenyl-d14	0	46	137		20	%	D	10/08/05	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

Analytical Report Number: 864708

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : NATURAL RESOURCE TECHNOLOGY
Project Name : WPSC - STEVENS POINT
Project Number : 1177/3.5
Field ID : QC02

Matrix Type : GROUNDWATER
Collection Date : 10/03/05
Report Date : 10/21/05
Lab Sample Number : 864708-013

BENZENE

Prep Date: 10/08/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Benzene	7.8	3.4	11		25	ug/L	Q	10/08/05	SW846 5030B	SW846 M8021
Surrogate		**LCL**	**UCL**							
a,a,a-Trifluorotoluene	98	80	124		1	%		10/08/05	SW846 5030B	SW846 M8021

PAH/ PNA

Prep Date: 10/06/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1-Methylnaphthalene	110	16	54		1600	ug/L	D	10/10/05	SW846 3510C	8270C-SIM
2-Methylnaphthalene	29	2.2	7.5		200	ug/L		10/09/05	SW846 3510C	8270C-SIM
Acenaphthene	120	13	44		1600	ug/L	D	10/10/05	SW846 3510C	8270C-SIM
Acenaphthylene	18	1.6	5.4		200	ug/L		10/09/05	SW846 3510C	8270C-SIM
Anthracene	4.7	2.3	7.7		200	ug/L	Q	10/09/05	SW846 3510C	8270C-SIM
Benzo(a)anthracene	< 3.1	3.1	10		200	ug/L		10/09/05	SW846 3510C	8270C-SIM
Benzo(a)pyrene	< 3.7	3.7	12		200	ug/L		10/09/05	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	< 3.1	3.1	10		200	ug/L	Z	10/09/05	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	< 3.9	3.9	13		200	ug/L		10/09/05	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	< 3.9	3.9	13		200	ug/L	Z	10/09/05	SW846 3510C	8270C-SIM
Chrysene	< 3.8	3.8	13		200	ug/L		10/09/05	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	< 3.8	3.8	13		200	ug/L		10/09/05	SW846 3510C	8270C-SIM
Fluoranthene	< 3.1	3.1	10		200	ug/L		10/09/05	SW846 3510C	8270C-SIM
Fluorene	39	1.8	6.0		200	ug/L		10/09/05	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	< 3.8	3.8	13		200	ug/L		10/09/05	SW846 3510C	8270C-SIM
Naphthalene	390	75	250		1600	ug/L	D	10/10/05	SW846 3510C	8270C-SIM
Phenanthrene	24	2.3	7.6		200	ug/L		10/09/05	SW846 3510C	8270C-SIM
Pyrene	< 2.9	2.9	9.7		200	ug/L		10/09/05	SW846 3510C	8270C-SIM
Surrogate		**LCL**	**UCL**							
Nitrobenzene-d5	0	10	136		200	%	D	10/09/05	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	0	14	130		200	%	D	10/09/05	SW846 3510C	8270C-SIM
Terphenyl-d14	0	46	137		200	%	D	10/09/05	SW846 3510C	8270C-SIM

Client : NATURAL RESOURCE TECHNOLOGY
Project Name : WPSC - STEVENS POINT
Project Number : 1177/3.5
Field ID : TRIP BLANK

Matrix Type : WATER
Collection Date : 10/03/05
Report Date : 10/21/05
Lab Sample Number : 864708-014

BENZENE

Prep Date: 10/08/05

Analyte		**Result**	**LOD**	**LOQ**	**EQL**	**Dil.**	**Units**	**Code**	**Anl Date**	**Prep Method**	**Anl Method**
Benzene	<	0.14	0.14	0.46		1	ug/L		10/08/05	SW846 5030B	SW846 M8021
Surrogate			**LCL**	**UCL**							
a,a,a-Trifluorotoluene		100	80	124		1	%		10/08/05	SW846 5030B	SW846 M8021

Lab Number	TestGroupID	Field ID	Comment
864708-	PAH+-W	All Samples	Naphthalene reported to EQL instead of to MDL.

Qualifier Codes

Flag	Applies To	Explanation
A	Inorganic	Analyte is detected in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
B	Inorganic	The analyte has been detected between the method detection limit and the reporting limit.
B	Organic	Analyte is present in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
C	All	Elevated detection limit.
D	All	Analyte value from diluted analysis or surrogate result not applicable due to sample dilution.
E	Inorganic	Estimated concentration due to matrix interferences. During the metals analysis the serial dilution failed to meet the established control limits of 0-10%. The sample concentration is greater than 50 times the IDL for analysis done on the ICP or 100 times the IDL for analysis done on the ICP-MS. The result was flagged with the E qualifier to indicate that a physical interference was observed.
E	Organic	Analyte concentration exceeds calibration range.
F	Inorganic	Due to potential interferences for this analysis by Inductively Coupled Plasma techniques (SW-846 Method 6010), this analyte has been confirmed by and reported from an alternate method.
F	Organic	Surrogate results outside control criteria.
G	All	The result is estimated because the concentration is less than the lowest calibration standard concentration utilized in the initial calibration. The method detection limit is less than the reporting limit specified for this project.
H	All	Preservation, extraction or analysis performed past holding time.
HF	Inorganic	This test is considered a field parameter, and the recommended holding time is 15 minutes from collection. The analysis was performed in the laboratory beyond the recommended holding time.
J	All	Concentration detected equal to or greater than the method detection limit but less than the reporting limit.
K	Inorganic	Sample received unpreserved. Sample was either preserved at the time of receipt or at the time of sample preparation.
K	Organic	Detection limit may be elevated due to the presence of an unrequested analyte.
L	All	Elevated detection limit due to low sample volume.
M	Organic	Sample pH was greater than 2
N	All	Spiked sample recovery not within control limits.
O	Organic	Sample received overweight.
P	Organic	The relative percent difference between the two columns for detected concentrations was greater than 40%.
Q	All	The analyte has been detected between the limit of detection (LOD) and limit of quantitation (LOQ). The results are qualified due to the uncertainty of analyte concentrations within this range.
S	Organic	The relative percent difference between quantitation and confirmation columns exceeds internal quality control criteria. Because the result is unconfirmed, it has been reported as a non-detect with an elevated detection limit.
U	All	The analyte was not detected at or above the reporting limit.
V	All	Sample received with headspace.
W	All	A second aliquot of sample was analyzed from a container with headspace.
X	All	See Sample Narrative.
Z	Organics	This compound was separated in the check standard but it did not meet the resolution criteria as set forth in SW846.
&	All	Laboratory Control Spike recovery not within control limits.
*	All	Precision not within control limits.
+	Inorganic	The sample result is greater than four times the spike level: therefore, the percent recovery is not evaluated.
<	All	The analyte was not detected at or above the reporting limit.
1	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses passed QC based on precision criteria.
2	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses failed QC based on precision criteria.
3	Inorganic	BOD result is estimated due to the BOD blank exceeding the allowable oxygen depletion.
4	Inorganic	BOD duplicate precision not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
5	Inorganic	BOD result is estimated due to insufficient oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
6	Inorganic	BOD laboratory control sample not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
7	Inorganic	BOD result is estimated due to complete oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.

Pace Analytical Services, Inc.

Analysis Summary by Laboratory

1241 Bellevue Street
Green Bay, WI 54302

Test Group Name	864708-001	864708-002	864708-003	864708-004	864708-005	864708-006	864708-007	864708-008	864708-009	864708-010	864708-011	864708-012	864708-013	864708-014
ALKALINITY AS CACO3	B	B	B	B	B	B	B	B	B	B	B	B		
BENZENE	G	G	G	G	G	G	G	G	G	G	G	G	G	G
IRON - DISSOLVED	B	B	B	B	B	B	B	B	B	B	B	B		
METHANE	G	G	G	G	G	G	G	G	G	G	G	G		
NITROGEN, NO3 + NO2	B	B	B	B	B	B	B	B	B	B	B	B		
PAH/ PNA	B	B	B	B	B	B	B	B	B	B	B	B	B	
SULFATE	B	B	B	B	B	B	B	B	B	B	B	B		

Code	Facility	Address	WI Certification
B	Green Bay Lab (Bellevue St)	1241 Bellevue Street, Suite 9 Green Bay, WI 54302	405132750 / DATCP: 105-444
G	Green Bay Lab (Industrial Dr)	1795 Industrial Drive Green Bay, WI 54302	405132750

Sample Condition Upon Receipt

Pace Analytical

Client Name: NRT **Project #** 804708

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☒ Client ☐ Commercial ☐ Pace Other______

Custody Seal on Cooler/Box Present: ☐ yes ☒ no Seals intact: ☐ yes ☐ no

Optional
Proj. Due Date:
Proj. Name:

Packing Material: ☐ Bubble Wrap ☒ Bubble Bags ☐ None ☐ Other______

Thermometer Used NA **Type of Ice:** [✓ Wet] Blue None ☐ Samples on ice, cooling process has begun

Cooler Temperature ROI **Biological Tissue is Frozen:** Yes No

Temp should be above freezing to 6°C

Date and Initials of person examining contents: 10-5-05 AB
4110/5/05

				Comments:
Chain of Custody Present:	☒Yes	☐No	☐N/A	1.
Chain of Custody Filled Out:	☒Yes	☐No	☐N/A	2.
Chain of Custody Relinquished:	☒Yes	☐No	☐N/A	3.
Sampler Name & Signature on COC:	☒Yes	☐No	☐N/A	4.
Samples Arrived within Hold Time: AB	☒Yes	☒No	☐N/A	5.
Short Hold Time Analysis (<72hr):	☐Yes	☒No	☐N/A	6.
Rush Turn Around Time Requested:	☐Yes	☒No	☐N/A	7.
Sufficient Volume:	☒Yes	☐No	☐N/A	8.
Correct Containers Used:	☒Yes	☐No	☐N/A	9.
-Pace Containers Used:	☒Yes	☐No	☐N/A	
Containers Intact:	☒Yes	☐No	☐N/A	10.
Filtered volume received for Dissolved tests	☒Yes	☐No	☐N/A	11.
Sample Labels match COC:	☒Yes	☐No	☐N/A	12.
-Includes date/time/ID/Analysis Matrix: W				
All containers needing preservation have been checked.	☒Yes	☐No	☐N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	☒Yes	☐No	☐N/A	AB
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☐Yes	☐No		Initial when completed
Samples checked for dechlorination:	☐Yes	☐No	☒N/A	14.
Headspace in VOA Vials (>6mm):	☐Yes	☒No	☐N/A	15.
Trip Blank Present:	☒Yes	☐No	☐N/A	16.
Trip Blank Custody Seals Present	☒Yes	☐No	☐N/A	
Pace Trip Blank Lot # (if purchased):______				

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted:______ Date/Time:______

Comments/ Resolution: Total # containers on COC for 013 is 4; only rec'd 3 containers
10-5-05 AB

Project Manager Review: TM **Date:** 10-5-05

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

ALLC003rev.2, 10June2005

14

(Please Print Legibly)
Company Name: Natural Resource Technology
Branch or Location: Pewaukee
Project Contact: Eric Kovatch
Telephone: 262-523-9000
Project Number: 1177/3.5
Project Name: WPSC - Stevens Point
Project State: Wisconsin
Sampled By (Print): Randy Barnhill
PO #:

EN CHEM INC.

A Division of Pace Analytical Services, Inc.

☒ 1241 Bellevue St., Suite 9
Green Bay, WI 54302
920-469-2436
Fax 920-469-8827

CHAIN OF CUSTODY No. 138086

Page 1 of 2
Quote #:
Mail Report To: Eric Kovatch
Company: N.R.T.
Address: 23713 W. Paul Rd.
Pewaukee, WI 53072
Invoice To:
Company:
Address:
Mail Invoice To:

*Preservation Codes
A=None B=HCL C=H2SO4 D=HNO3 E=EnCore F=Methanol G-NaOH
H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

Data Package Options - (please circle if requested
Sample Results Only (no QC)
EPA Level II (Subject to Surcharge)
EPA Level III (Subject to Surcharge)
EPA Level IV (Subject to Surcharge)

Regulatory Program
UST
RCRA
SDWA
NPDES
CERCLA

Matrix Codes
GW=Ground Water
W=Water
S=Soil
A=Air
C=Charcoal
B=Biota
Sl=Sludge
WP=Wipe

					ANALYSES REQUESTED									
				FILTERED? (YES/NO)	NO	NO	Y	NO	NO	NO	NO			
				PRESERVATION (CODE)*			D							
LABORATORY ID (Lab Use Only)	FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	BENZENE (8021B)	PAH (8310)	IRON, Dissolved (6010)	ALKALINITY (310.2)	METHANE (8015m)	NITRATE+NITRITE (300)	SULFATE (300)	TOTAL # OF BOTTLES SENT	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)
001	OW5R	10305	1131	GW	X	X	X	X	X	X	X		1L amber A, 3-250ml ACD, 4-40ml B	
002	P-5B		1130		X	X	X	X	X	X	X			
003	OW6		1102		X	X	X	X	X	X	X			
004	OW7~~B~~A		1028		X	X	X	X	X	X	X			
005	PZ7B		1023		X	X	X	X	X	X	X			
006	OW9		1221		X	X	X	X	X	X	X			
007	PZ9B		1224		X	X	X	X	X	X	X			
008	PZ11B		0915		X	X	X	X	X	X	X			
009	OW12		1342		X	X	X	X	X	X	X			
010	PZ12B		1338		X	X	X	X	X	X	X			
011	PZ13B		0951		X	X	X	X	X	X	X			
012	QC01	10305	-	GW	X	X	X	X	X	X	X			

Rush Turnaround Time Requested (TAT) - Prelim
(Rush TAT subject to approval/surcharge)
Date Needed:
Transmit Prelim Rush Results by (circle):
Phone Fax E-mail
Phone #:
Fax #:
E-Mail Address:

Samples on HOLD are subject to special pricing and release of liability

Relinquished By:	Date/Time:	Received By:	Date/Time:
Randy Barnhill	10-5-05 1045	L. [illegible]	10/5/05 10:45
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received By:	Date/Time:

En Chem Project No. 804708
Sample Receipt Temp. ROI
Sample Receipt pH (Wet/Metals) OK
Cooler Custody Seal
Present / [✓ Not Present]
Intact / Not intact

Version 4.0: 09/04

(Please Print Legibly)
Company Name: Natural Resource Technology
Branch or Location: Pewaukee
Project Contact: Eric Kovatch
Telephone: 262-523-9000
Project Number: 1177/3.5
Project Name: WPSC - Stevens Point
Project State: WI
Sampled By (Print): Randy Barnhill
PO #:

EN CHEM INC.

A Division of Pace Analytical Services, Inc.

1241 Bellevue St., Suite 9
Green Bay, WI 54302
920-469-2436
Fax 920-469-8827

CHAIN OF CUSTODY No. 138087

Page 2 of 2
Quote #:
Mail Report To: Eric Kovatch
Company: N.RT
Address:
Invoice To:
Company:
Address:
Mail Invoice To:

***Preservation Codes**
A=None B=HCL C=H2S04 D=HNO3 E=EnCore F=Methanol G-NaOH
H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

Data Package Options - (please circle if requested
Sample Results Only (no QC)
EPA Level II (Subject to Surcharge)
EPA Level III (Subject to Surcharge)
EPA Level IV (Subject to Surcharge)

Regulatory Program
UST
RCRA
SDWA
NPDES
CERCLA

Matrix Codes
GW=Ground Water
W=Water
S=Soil
A=Air
C=Charcoal
B=Biota
Sl=Sludge
WP=Wipe

FILTERED? (YES/NO): NO, NO
PRESERVATION (CODE)*: B, A

LABORATORY ID (Lab Use Only)	FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	ANALYSES REQUESTED: BENZENE (8021B)	PAH (8310)							TOTAL # OF BOTTLES SENT	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)
013	QC02	100305	-	GW	X	X							4	1-1L amber^A, 2-40ml^B	
014	Trip Blank *Added to COC by lab 10-5-05 AB														↓ TB

Rush Turnaround Time Requested (TAT) - Prelim
(Rush TAT subject to approval/surcharge)
Date Needed:
Transmit Prelim Rush Results by (circle):
Phone Fax E-mail
Phone #:
Fax #:
E-Mail Address:

Samples on HOLD are subject to special pricing and release of liability

Relinquished By:	Date/Time:	Received By:	Date/Time:
Randy Barnhill	10-5-5 1045	A.	10/5/05 1045

En Chem Project No. 804708
Sample Receipt Temp. ROI
Sample Receipt pH (Wet/Metals) OK
Cooler Custody Seal
Present / [✓ Not Present]
Intact / Not intact

Version 4.0: 09/04

Pace Analytical®

1241 Bellevue Street, Suite 9
Green Bay, WI 54302
920-469-2436, Fax: 920-469-8827

Analytical Report Number: 868081

Client: NATURAL RESOURCE TECHNOLOGY

Lab Contact: Tom Trainor

Project Name: WPSC - STEVENS POINT

Project Number: 1177

Lab Sample Number	Field ID	Matrix	Collection Date
868081-001	OW5R	GW	01/05/06
868081-002	P5B	GW	01/05/06
868081-003	OW7A	GW	01/05/06
868081-004	PZ7B	GW	01/05/06
868081-005	OW12	GW	01/05/06
868081-006	PZ12B	GW	01/05/06
868081-007	QC01	GW	01/05/06
868081-008	TB	WATER	01/05/06

I certify that the data contained in this Final Report has been generated and reviewed in accordance with approved methods and Laboratory Standard Operating Procedure. Exceptions, if any, are discussed in the accompanying sample comments. Release of this final report is authorized by Laboratory management, as is verified by the following signature. This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, Inc. The sample results relate only to the analytes of interest tested.

Tom Trainor
Approval Signature

1-23-06
Date

Pace Analytical Services, Inc.

Analytical Report Number: 868081

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : NATURAL RESOURCE TECHNOLOGY
Project Name : WPSC - STEVENS POINT
Project Number : 1177
Field ID : OW5R

Matrix Type : GROUNDWATER
Collection Date : 01/05/06
Report Date : 01/19/06
Lab Sample Number : 868081-001

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Iron - Dissolved	20000	6.3	21		1	ug/L		01/11/06	SW846 6010B	SW846 6010B
Alkalinity as CaCO3	300	32	110		5	mg/L		01/09/06	EPA 310.2	EPA 310.2
Nitrogen, NO3 + NO2	0.083	0.061	0.20		1	mg/L	Q	01/18/06	EPA 353.2	EPA 353.2
Sulfate	380	4.2	14		5	mg/L		01/10/06	EPA 300.0	EPA 300.0

BENZENE

Prep Date: 01/10/06

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Benzene	1.4	0.41	1.4		1	ug/L		01/10/06	SW846 5030B	SW846 8260B
Surrogate		**LCL**	**UCL**							
4-Bromofluorobenzene	103	64	132		1	%		01/10/06	SW846 5030B	SW846 8260B
Toluene-d8	106	73	127		1	%		01/10/06	SW846 5030B	SW846 8260B
Dibromofluoromethane	112	68	122		1	%		01/10/06	SW846 5030B	SW846 8260B

METHANE

Prep Date: 01/11/06

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methane	55			10	1	ug/L		01/11/06	SW846 M8015	SW846 M8015

PAH/ PNA

Prep Date: 01/09/06

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1-Methylnaphthalene	4.2	0.20	0.68		20	ug/L	D	01/10/06	SW846 3510C	8270C-SIM
2-Methylnaphthalene	0.026	0.011	0.037		1	ug/L	Q	01/09/06	SW846 3510C	8270C-SIM
Acenaphthene	5.3	0.16	0.54		20	ug/L	D	01/10/06	SW846 3510C	8270C-SIM
Acenaphthylene	2.7	0.16	0.54		20	ug/L	D	01/10/06	SW846 3510C	8270C-SIM
Anthracene	1.3	0.23	0.77		20	ug/L	D	01/10/06	SW846 3510C	8270C-SIM
Benzo(a)anthracene	0.11	0.016	0.052		1	ug/L		01/09/06	SW846 3510C	8270C-SIM
Benzo(a)pyrene	0.033	0.018	0.061		1	ug/L	Q	01/09/06	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	0.019	0.016	0.052		1	ug/L	QZ	01/09/06	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	< 0.019	0.019	0.064		1	ug/L		01/09/06	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	< 0.39	0.39	1.3		20	ug/L	ZD	01/10/06	SW846 3510C	8270C-SIM
Chrysene	0.059	0.019	0.063		1	ug/L	Q	01/09/06	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	< 0.019	0.019	0.063		1	ug/L		01/09/06	SW846 3510C	8270C-SIM
Fluoranthene	1.4	0.31	1.0		20	ug/L	D	01/10/06	SW846 3510C	8270C-SIM
Fluorene	2.9	0.18	0.60		20	ug/L	D	01/10/06	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	< 0.019	0.019	0.063		1	ug/L		01/09/06	SW846 3510C	8270C-SIM
Naphthalene	0.54	0.25	0.83		20	ug/L	QD	01/10/06	SW846 3510C	8270C-SIM
Phenanthrene	3.3	0.23	0.76		20	ug/L	D	01/10/06	SW846 3510C	8270C-SIM
Pyrene	1.1	0.29	0.97		20	ug/L	D	01/10/06	SW846 3510C	8270C-SIM
Surrogate		**LCL**	**UCL**							
Nitrobenzene-d5	53	10	136		1	%		01/09/06	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	53	14	130		1	%		01/09/06	SW846 3510C	8270C-SIM
Terphenyl-d14	77	46	137		1	%		01/09/06	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

Analytical Report Number: 868081

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : NATURAL RESOURCE TECHNOLOGY
Project Name : WPSC - STEVENS POINT
Project Number : 1177
Field ID : P5B

Matrix Type : GROUNDWATER
Collection Date : 01/05/06
Report Date : 01/19/06
Lab Sample Number : 868081-002

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Iron - Dissolved	880	6.3	21		1	ug/L		01/11/06	SW846 6010B	SW846 6010B
Alkalinity as CaCO3	140	6.3	21		1	mg/L		01/09/06	EPA 310.2	EPA 310.2
Nitrogen, NO3 + NO2	0.080	0.061	0.20		1	mg/L	Q	01/18/06	EPA 353.2	EPA 353.2
Sulfate	1.8	0.83	2.8		1	mg/L	Q	01/10/06	EPA 300.0	EPA 300.0

BENZENE

Prep Date: 01/10/06

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Benzene	2.8	2.0	6.8		5	ug/L	QK	01/10/06	SW846 5030B	SW846 8260B
Surrogate		**LCL**	**UCL**							
4-Bromofluorobenzene	104	64	132		5	%		01/10/06	SW846 5030B	SW846 8260B
Toluene-d8	107	73	127		5	%		01/10/06	SW846 5030B	SW846 8260B
Dibromofluoromethane	109	68	122		5	%		01/10/06	SW846 5030B	SW846 8260B

METHANE

Prep Date: 01/11/06

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methane	270			10	1	ug/L		01/11/06	SW846 M8015	SW846 M8015

PAH/ PNA

Prep Date: 01/09/06

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1-Methylnaphthalene	8.8	0.20	0.68		20	ug/L		01/10/06	SW846 3510C	8270C-SIM
2-Methylnaphthalene	< 0.22	0.22	0.75		20	ug/L		01/10/06	SW846 3510C	8270C-SIM
Acenaphthene	80	2.0	6.8		250	ug/L	D	01/10/06	SW846 3510C	8270C-SIM
Acenaphthylene	4.4	0.16	0.54		20	ug/L		01/10/06	SW846 3510C	8270C-SIM
Anthracene	1.0	0.23	0.77		20	ug/L		01/10/06	SW846 3510C	8270C-SIM
Benzo(a)anthracene	< 0.31	0.31	1.0		20	ug/L		01/10/06	SW846 3510C	8270C-SIM
Benzo(a)pyrene	< 0.37	0.37	1.2		20	ug/L		01/10/06	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	< 0.31	0.31	1.0		20	ug/L	Z	01/10/06	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	< 0.39	0.39	1.3		20	ug/L		01/10/06	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	< 0.39	0.39	1.3		20	ug/L	Z	01/10/06	SW846 3510C	8270C-SIM
Chrysene	< 0.38	0.38	1.3		20	ug/L		01/10/06	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	< 0.38	0.38	1.3		20	ug/L		01/10/06	SW846 3510C	8270C-SIM
Fluoranthene	0.93	0.31	1.0		20	ug/L	Q	01/10/06	SW846 3510C	8270C-SIM
Fluorene	12	2.3	7.5		250	ug/L	D	01/10/06	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	< 0.38	0.38	1.3		20	ug/L		01/10/06	SW846 3510C	8270C-SIM
Naphthalene	< 0.25	0.25	0.83		20	ug/L		01/10/06	SW846 3510C	8270C-SIM
Phenanthrene	< 0.23	0.23	0.76		20	ug/L		01/10/06	SW846 3510C	8270C-SIM
Pyrene	0.59	0.29	0.97		20	ug/L	Q	01/10/06	SW846 3510C	8270C-SIM
Surrogate		**LCL**	**UCL**							
Nitrobenzene-d5	0	10	136		20	%	D	01/10/06	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	0	14	130		20	%	D	01/10/06	SW846 3510C	8270C-SIM
Terphenyl-d14	0	46	137		20	%	D	01/10/06	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

Analytical Report Number: 868081

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : NATURAL RESOURCE TECHNOLOGY
Project Name : WPSC - STEVENS POINT
Project Number : 1177
Field ID : OW7A

Matrix Type : GROUNDWATER
Collection Date : 01/05/06
Report Date : 01/19/06
Lab Sample Number : 868081-003

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Iron - Dissolved	13000	6.3	21		1	ug/L		01/11/06	SW846 6010B	SW846 6010B
Alkalinity as CaCO3	130	32	110		5	mg/L		01/09/06	EPA 310.2	EPA 310.2
Nitrogen, NO3 + NO2	< 0.061	0.061	0.20		1	mg/L		01/18/06	EPA 353.2	EPA 353.2
Sulfate	1.9	0.83	2.8		1	mg/L	QN	01/10/06	EPA 300.0	EPA 300.0

BENZENE

Prep Date: 01/10/06

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Benzene	13	2.0	6.8		5	ug/L	K	01/10/06	SW846 5030B	SW846 8260B
Surrogate		**LCL**	**UCL**							
4-Bromofluorobenzene	107	64	132		5	%		01/10/06	SW846 5030B	SW846 8260B
Toluene-d8	107	73	127		5	%		01/10/06	SW846 5030B	SW846 8260B
Dibromofluoromethane	110	68	122		5	%		01/10/06	SW846 5030B	SW846 8260B

METHANE

Prep Date: 01/11/06

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methane	4900			500	50	ug/L		01/11/06	SW846 M8015	SW846 M8015

PAH/ PNA

Prep Date: 01/09/06

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1-Methylnaphthalene	18	1.3	4.2		125	ug/L	D	01/10/06	SW846 3510C	8270C-SIM
2-Methylnaphthalene	20	1.4	4.7		125	ug/L	D	01/10/06	SW846 3510C	8270C-SIM
Acenaphthene	24	1.0	3.4		125	ug/L	D	01/10/06	SW846 3510C	8270C-SIM
Acenaphthylene	0.57	0.0081	0.027		1	ug/L	E	01/09/06	SW846 3510C	8270C-SIM
Anthracene	2.5	1.4	4.8		125	ug/L	QD	01/10/06	SW846 3510C	8270C-SIM
Benzo(a)anthracene	0.20	0.016	0.052		1	ug/L		01/09/06	SW846 3510C	8270C-SIM
Benzo(a)pyrene	0.059	0.018	0.061		1	ug/L	Q	01/09/06	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	0.033	0.016	0.052		1	ug/L	QZ	01/09/06	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	0.023	0.019	0.064		1	ug/L	Q	01/09/06	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	< 2.4	2.4	8.1		125	ug/L	ZD	01/10/06	SW846 3510C	8270C-SIM
Chrysene	0.11	0.019	0.063		1	ug/L		01/09/06	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	< 0.019	0.019	0.063		1	ug/L		01/09/06	SW846 3510C	8270C-SIM
Fluoranthene	1.7	0.015	0.052		1	ug/L	E	01/09/06	SW846 3510C	8270C-SIM
Fluorene	11	1.1	3.8		125	ug/L	D	01/10/06	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	< 0.019	0.019	0.063		1	ug/L		01/09/06	SW846 3510C	8270C-SIM
Naphthalene	110	6.2	21		500	ug/L	D	01/10/06	SW846 3510C	8270C-SIM
Phenanthrene	9.6	1.4	4.7		125	ug/L	D	01/10/06	SW846 3510C	8270C-SIM
Pyrene	1.8	0.015	0.048		1	ug/L	E	01/09/06	SW846 3510C	8270C-SIM
Surrogate		**LCL**	**UCL**							
Nitrobenzene-d5	72	10	136		1	%		01/09/06	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	69	14	130		1	%		01/09/06	SW846 3510C	8270C-SIM
Terphenyl-d14	80	46	137		1	%		01/09/06	SW846 3510C	8270C-SIM

Client : NATURAL RESOURCE TECHNOLOGY
Project Name : WPSC - STEVENS POINT
Project Number : 1177
Field ID : PZ7B

Matrix Type : GROUNDWATER
Collection Date : 01/05/06
Report Date : 01/19/06
Lab Sample Number : 868081-004

INORGANICS

Test		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Iron - Dissolved		3000	6.3	21		1	ug/L		01/11/06	SW846 6010B	SW846 6010B
Alkalinity as CaCO3		95	6.3	21		1	mg/L		01/09/06	EPA 310.2	EPA 310.2
Nitrogen, NO3 + NO2	<	0.061	0.061	0.20		1	mg/L		01/18/06	EPA 353.2	EPA 353.2
Sulfate	<	0.83	0.83	2.8		1	mg/L		01/10/06	EPA 300.0	EPA 300.0

BENZENE

Prep Date: 01/10/06

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Benzene	<	10	10	34		25	ug/L	K	01/10/06	SW846 5030B	SW846 8260B
Surrogate			**LCL**	**UCL**							
4-Bromofluorobenzene		106	64	132		25	%		01/10/06	SW846 5030B	SW846 8260B
Toluene-d8		107	73	127		25	%		01/10/06	SW846 5030B	SW846 8260B
Dibromofluoromethane		107	68	122		25	%		01/10/06	SW846 5030B	SW846 8260B

METHANE

Prep Date: 01/11/06

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methane	1200			200	20	ug/L		01/11/06	SW846 M8015	SW846 M8015

PAH/ PNA

Prep Date: 01/09/06

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1-Methylnaphthalene		120	4.1	14		400	ug/L		01/10/06	SW846 3510C	8270C-SIM
2-Methylnaphthalene		160	4.5	15		400	ug/L		01/10/06	SW846 3510C	8270C-SIM
Acenaphthene		94	3.3	11		400	ug/L		01/10/06	SW846 3510C	8270C-SIM
Acenaphthylene		26	3.2	11		400	ug/L		01/10/06	SW846 3510C	8270C-SIM
Anthracene	<	4.6	4.6	15		400	ug/L		01/10/06	SW846 3510C	8270C-SIM
Benzo(a)anthracene	<	6.2	6.2	21		400	ug/L		01/10/06	SW846 3510C	8270C-SIM
Benzo(a)pyrene	<	7.3	7.3	24		400	ug/L		01/10/06	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	<	6.3	6.3	21		400	ug/L	Z	01/10/06	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	<	7.7	7.7	26		400	ug/L		01/10/06	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	<	7.7	7.7	26		400	ug/L	Z	01/10/06	SW846 3510C	8270C-SIM
Chrysene	<	7.6	7.6	25		400	ug/L		01/10/06	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	<	7.5	7.5	25		400	ug/L		01/10/06	SW846 3510C	8270C-SIM
Fluoranthene	<	6.2	6.2	21		400	ug/L		01/10/06	SW846 3510C	8270C-SIM
Fluorene		12	3.6	12		400	ug/L		01/10/06	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	<	7.5	7.5	25		400	ug/L		01/10/06	SW846 3510C	8270C-SIM
Naphthalene		1600	99	330		8000	ug/L	D	01/10/06	SW846 3510C	8270C-SIM
Phenanthrene		9.6	4.5	15		400	ug/L	Q	01/10/06	SW846 3510C	8270C-SIM
Pyrene	<	5.8	5.8	19		400	ug/L		01/10/06	SW846 3510C	8270C-SIM
Surrogate			**LCL**	**UCL**							
Nitrobenzene-d5		0	10	136		400	%	D	01/10/06	SW846 3510C	8270C-SIM
2-Fluorobiphenyl		0	14	130		400	%	D	01/10/06	SW846 3510C	8270C-SIM
Terphenyl-d14		0	46	137		400	%	D	01/10/06	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

Analytical Report Number: 868081

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : NATURAL RESOURCE TECHNOLOGY
Project Name : WPSC - STEVENS POINT
Project Number : 1177
Field ID : OW12

Matrix Type : GROUNDWATER
Collection Date : 01/05/06
Report Date : 01/19/06
Lab Sample Number : 868081-005

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Iron - Dissolved	23000	6.3	21		1	ug/L		01/11/06	SW846 6010B	SW846 6010B
Alkalinity as CaCO3	150	32	110		5	mg/L		01/09/06	EPA 310.2	EPA 310.2
Nitrogen, NO3 + NO2	0.070	0.061	0.20		1	mg/L	Q	01/18/06	EPA 353.2	EPA 353.2
Sulfate	4.4	0.83	2.8		1	mg/L		01/10/06	EPA 300.0	EPA 300.0

BENZENE

Prep Date: 01/10/06

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Benzene	6.9	0.41	1.4		1	ug/L		01/10/06	SW846 5030B	SW846 8260B
Surrogate		**LCL**	**UCL**							
4-Bromofluorobenzene	104	64	132		1	%		01/10/06	SW846 5030B	SW846 8260B
Toluene-d8	105	73	127		1	%		01/10/06	SW846 5030B	SW846 8260B
Dibromofluoromethane	112	68	122		1	%		01/10/06	SW846 5030B	SW846 8260B

METHANE

Prep Date: 01/11/06

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methane	1800			100	10	ug/L		01/11/06	SW846 M8015	SW846 M8015

PAH/ PNA

Prep Date: 01/09/06

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1-Methylnaphthalene	9.3	1.0	3.4		100	ug/L	D	01/10/06	SW846 3510C	8270C-SIM
2-Methylnaphthalene	1.5	1.1	3.7		100	ug/L	QD	01/10/06	SW846 3510C	8270C-SIM
Acenaphthene	21	0.82	2.7		100	ug/L	D	01/10/06	SW846 3510C	8270C-SIM
Acenaphthylene	0.46	0.0081	0.027		1	ug/L		01/09/06	SW846 3510C	8270C-SIM
Anthracene	4.1	1.2	3.9		100	ug/L	D	01/10/06	SW846 3510C	8270C-SIM
Benzo(a)anthracene	0.18	0.016	0.052		1	ug/L		01/09/06	SW846 3510C	8270C-SIM
Benzo(a)pyrene	0.16	0.018	0.061		1	ug/L		01/09/06	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	0.15	0.016	0.052		1	ug/L	Z	01/09/06	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	0.10	0.019	0.064		1	ug/L		01/09/06	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	< 1.9	1.9	6.4		100	ug/L	ZD	01/10/06	SW846 3510C	8270C-SIM
Chrysene	0.14	0.019	0.063		1	ug/L		01/09/06	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	0.020	0.019	0.063		1	ug/L	Q	01/09/06	SW846 3510C	8270C-SIM
Fluoranthene	2.7	1.5	5.2		100	ug/L	QD	01/10/06	SW846 3510C	8270C-SIM
Fluorene	8.8	0.91	3.0		100	ug/L	D	01/10/06	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	0.084	0.019	0.063		1	ug/L		01/09/06	SW846 3510C	8270C-SIM
Naphthalene	27	1.2	4.1		100	ug/L	D	01/10/06	SW846 3510C	8270C-SIM
Phenanthrene	17	1.1	3.8		100	ug/L	D	01/10/06	SW846 3510C	8270C-SIM
Pyrene	2.0	1.5	4.8		100	ug/L	QD	01/10/06	SW846 3510C	8270C-SIM
Surrogate		**LCL**	**UCL**							
Nitrobenzene-d5	73	10	136		1	%		01/09/06	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	71	14	130		1	%		01/09/06	SW846 3510C	8270C-SIM
Terphenyl-d14	84	46	137		1	%		01/09/06	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

Analytical Report Number: 868081

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : NATURAL RESOURCE TECHNOLOGY
Project Name : WPSC - STEVENS POINT
Project Number : 1177
Field ID : PZ12B

Matrix Type : GROUNDWATER
Collection Date : 01/05/06
Report Date : 01/19/06
Lab Sample Number : 868081-006

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Iron - Dissolved	41	6.3	21		1	ug/L		01/11/06	SW846 6010B	SW846 6010B
Alkalinity as CaCO3	14	6.3	21		1	mg/L	Q	01/09/06	EPA 310.2	EPA 310.2
Nitrogen, NO3 + NO2	0.42	0.061	0.20		1	mg/L		01/18/06	EPA 353.2	EPA 353.2
Sulfate	3.5	0.83	2.8		1	mg/L		01/10/06	EPA 300.0	EPA 300.0

BENZENE

Prep Date: 01/10/06

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Benzene	< 0.41	0.41	1.4		1	ug/L		01/10/06	SW846 5030B	SW846 8260B
Surrogate		**LCL**	**UCL**							
4-Bromofluorobenzene	103	64	132		1	%		01/10/06	SW846 5030B	SW846 8260B
Toluene-d8	106	73	127		1	%		01/10/06	SW846 5030B	SW846 8260B
Dibromofluoromethane	109	68	122		1	%		01/10/06	SW846 5030B	SW846 8260B

METHANE

Prep Date: 01/11/06

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methane	< 10			10	1	ug/L		01/11/06	SW846 M8015	SW846 M8015

PAH/ PNA

Prep Date: 01/09/06

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1-Methylnaphthalene	0.098	0.010	0.034		1	ug/L		01/10/06	SW846 3510C	8270C-SIM
2-Methylnaphthalene	0.030	0.011	0.038		1	ug/L	Q	01/10/06	SW846 3510C	8270C-SIM
Acenaphthene	0.28	0.0082	0.027		1	ug/L		01/10/06	SW846 3510C	8270C-SIM
Acenaphthylene	0.033	0.0082	0.027		1	ug/L		01/10/06	SW846 3510C	8270C-SIM
Anthracene	0.012	0.012	0.039		1	ug/L	Q	01/10/06	SW846 3510C	8270C-SIM
Benzo(a)anthracene	< 0.016	0.016	0.052		1	ug/L		01/10/06	SW846 3510C	8270C-SIM
Benzo(a)pyrene	0.019	0.019	0.062		1	ug/L	Q	01/10/06	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	0.024	0.016	0.053		1	ug/L	QZ	01/10/06	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	0.021	0.019	0.065		1	ug/L	Q	01/10/06	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	< 0.020	0.020	0.065		1	ug/L	Z	01/10/06	SW846 3510C	8270C-SIM
Chrysene	< 0.019	0.019	0.064		1	ug/L		01/10/06	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	< 0.019	0.019	0.063		1	ug/L		01/10/06	SW846 3510C	8270C-SIM
Fluoranthene	0.045	0.016	0.052		1	ug/L	Q	01/10/06	SW846 3510C	8270C-SIM
Fluorene	0.055	0.0091	0.030		1	ug/L		01/10/06	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	< 0.019	0.019	0.063		1	ug/L		01/10/06	SW846 3510C	8270C-SIM
Naphthalene	0.58	0.025	0.083		2	ug/L	D	01/10/06	SW846 3510C	8270C-SIM
Phenanthrene	0.041	0.011	0.038		1	ug/L		01/10/06	SW846 3510C	8270C-SIM
Pyrene	0.046	0.015	0.049		1	ug/L	Q	01/10/06	SW846 3510C	8270C-SIM
Surrogate		**LCL**	**UCL**							
Nitrobenzene-d5	46	10	136		1	%		01/10/06	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	62	14	130		1	%		01/10/06	SW846 3510C	8270C-SIM
Terphenyl-d14	86	46	137		1	%		01/10/06	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

Analytical Report Number: 868081

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : NATURAL RESOURCE TECHNOLOGY
Project Name : WPSC - STEVENS POINT
Project Number : 1177
Field ID : QC01

Matrix Type : GROUNDWATER
Collection Date : 01/05/06
Report Date : 01/19/06
Lab Sample Number : 868081-007

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Iron - Dissolved	3000	6.3	21		1	ug/L		01/11/06	SW846 6010B	SW846 6010B
Alkalinity as CaCO3	96	32	110		5	mg/L	Q	01/09/06	EPA 310.2	EPA 310.2
Nitrogen, NO3 + NO2	< 0.061	0.061	0.20		1	mg/L		01/18/06	EPA 353.2	EPA 353.2
Sulfate	< 0.83	0.83	2.8		1	mg/L		01/10/06	EPA 300.0	EPA 300.0

BENZENE

Prep Date: 01/10/06

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Benzene	< 8.2	8.2	27		20	ug/L	K	01/10/06	SW846 5030B	SW846 8260B
Surrogate		**LCL**	**UCL**							
4-Bromofluorobenzene	105	64	132		20	%		01/10/06	SW846 5030B	SW846 8260B
Toluene-d8	106	73	127		20	%		01/10/06	SW846 5030B	SW846 8260B
Dibromofluoromethane	106	68	122		20	%		01/10/06	SW846 5030B	SW846 8260B

METHANE

Prep Date: 01/18/06

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methane	2100			100	10	ug/L		01/18/06	SW846 M8015	SW846 M8015

PAH/ PNA

Prep Date: 01/12/06

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1-Methylnaphthalene	150	51	170		5000	ug/L	QD	01/12/06	SW846 3510C	8270C-SIM
2-Methylnaphthalene	87	56	190		5000	ug/L	QD	01/12/06	SW846 3510C	8270C-SIM
Acenaphthene	97	41	140		5000	ug/L	QD	01/12/06	SW846 3510C	8270C-SIM
Acenaphthylene	28	0.81	2.7		100	ug/L		01/12/06	SW846 3510C	8270C-SIM
Anthracene	3.3	1.2	3.9		100	ug/L	Q	01/12/06	SW846 3510C	8270C-SIM
Benzo(a)anthracene	< 1.6	1.6	5.2		100	ug/L		01/12/06	SW846 3510C	8270C-SIM
Benzo(a)pyrene	< 1.8	1.8	6.1		100	ug/L		01/12/06	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	< 1.6	1.6	5.2		100	ug/L	Z	01/12/06	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	< 1.9	1.9	6.4		100	ug/L		01/12/06	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	< 1.9	1.9	6.4		100	ug/L	Z	01/12/06	SW846 3510C	8270C-SIM
Chrysene	< 1.9	1.9	6.3		100	ug/L		01/12/06	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	< 1.9	1.9	6.3		100	ug/L		01/12/06	SW846 3510C	8270C-SIM
Fluoranthene	< 1.5	1.5	5.2		100	ug/L		01/12/06	SW846 3510C	8270C-SIM
Fluorene	15	0.91	3.0		100	ug/L		01/12/06	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	< 1.9	1.9	6.3		100	ug/L		01/12/06	SW846 3510C	8270C-SIM
Naphthalene	1100	62	210		5000	ug/L	D	01/12/06	SW846 3510C	8270C-SIM
Phenanthrene	14	1.1	3.8		100	ug/L		01/12/06	SW846 3510C	8270C-SIM
Pyrene	< 1.5	1.5	4.8		100	ug/L		01/12/06	SW846 3510C	8270C-SIM
Surrogate		**LCL**	**UCL**							
Nitrobenzene-d5	0	10	136		100	%	D	01/12/06	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	0	14	130		100	%	D	01/12/06	SW846 3510C	8270C-SIM
Terphenyl-d14	0	46	137		100	%	D	01/12/06	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

Analytical Report Number: 868081

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : NATURAL RESOURCE TECHNOLOGY
Project Name : WPSC - STEVENS POINT
Project Number : 1177
Field ID : TB

Matrix Type : WATER
Collection Date : 01/05/06
Report Date : 01/19/06
Lab Sample Number : 868081-008

BENZENE

Prep Date: 01/10/06

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Benzene	< 0.41	0.41	1.4		1	ug/L		01/10/06	SW846 5030B	SW846 8260B
Surrogate		**LCL**	**UCL**							
4-Bromofluorobenzene	102	64	132		1	%		01/10/06	SW846 5030B	SW846 8260B
Toluene-d8	108	73	127		1	%		01/10/06	SW846 5030B	SW846 8260B
Dibromofluoromethane	107	68	122		1	%		01/10/06	SW846 5030B	SW846 8260B

Qualifier Codes

Flag	Applies To	Explanation
A	Inorganic	Analyte is detected in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
B	Inorganic	The analyte has been detected between the method detection limit and the reporting limit.
B	Organic	Analyte is present in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
C	All	Elevated detection limit.
D	All	Analyte value from diluted analysis or surrogate result not applicable due to sample dilution.
E	Inorganic	Estimated concentration due to matrix interferences. During the metals analysis the serial dilution failed to meet the established control limits of 0-10%. The sample concentration is greater than 50 times the IDL for analysis done on the ICP or 100 times the IDL for analysis done on the ICP-MS. The result was flagged with the E qualifier to indicate that a physical interference was observed.
E	Organic	Analyte concentration exceeds calibration range.
F	Inorganic	Due to potential interferences for this analysis by Inductively Coupled Plasma techniques (SW-846 Method 6010), this analyte has been confirmed by and reported from an alternate method.
F	Organic	Surrogate results outside control criteria.
G	All	The result is estimated because the concentration is less than the lowest calibration standard concentration utilized in the initial calibration. The method detection limit is less than the reporting limit specified for this project.
H	All	Preservation, extraction or analysis performed past holding time.
HF	Inorganic	This test is considered a field parameter, and the recommended holding time is 15 minutes from collection. The analysis was performed in the laboratory beyond the recommended holding time.
J	All	Concentration detected equal to or greater than the method detection limit but less than the reporting limit.
K	Inorganic	Sample received unpreserved. Sample was either preserved at the time of receipt or at the time of sample preparation.
K	Organic	Detection limit may be elevated due to the presence of an unrequested analyte.
L	All	Elevated detection limit due to low sample volume.
M	Organic	Sample pH was greater than 2
N	All	Spiked sample recovery not within control limits.
O	Organic	Sample received overweight.
P	Organic	The relative percent difference between the two columns for detected concentrations was greater than 40%.
Q	All	The analyte has been detected between the limit of detection (LOD) and limit of quantitation (LOQ). The results are qualified due to the uncertainty of analyte concentrations within this range.
S	Organic	The relative percent difference between quantitation and confirmation columns exceeds internal quality control criteria. Because the result is unconfirmed, it has been reported as a non-detect with an elevated detection limit.
U	All	The analyte was not detected at or above the reporting limit.
V	All	Sample received with headspace.
W	All	A second aliquot of sample was analyzed from a container with headspace.
X	All	See Sample Narrative.
Z	Organics	This compound was separated in the check standard but it did not meet the resolution criteria as set forth in SW846.
&	All	Laboratory Control Spike recovery not within control limits.
*	All	Precision not within control limits.
+	Inorganic	The sample result is greater than four times the spike level: therefore, the percent recovery is not evaluated.
<	All	The analyte was not detected at or above the reporting limit.
1	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses passed QC based on precision criteria.
2	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses failed QC based on precision criteria.
3	Inorganic	BOD result is estimated due to the BOD blank exceeding the allowable oxygen depletion.
4	Inorganic	BOD duplicate precision not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
5	Inorganic	BOD result is estimated due to insufficient oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
6	Inorganic	BOD laboratory control sample not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
7	Inorganic	BOD result is estimated due to complete oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302

Analysis Summary by Laboratory

Test Group Name	868081-001	868081-002	868081-003	868081-004	868081-005	868081-006	868081-007	868081-008
ALKALINITY AS CACO3	B	B	B	B	B	B	B	
BENZENE	G	G	G	G	G	G	G	G
IRON - DISSOLVED	B	B	B	B	B	B	B	
METHANE	G	G	G	G	G	G	G	
NITROGEN, NO3 + NO2	B	B	B	B	B	B	B	
PAH/ PNA	B	B	B	B	B	B	B	
SULFATE	B	B	B	B	B	B	B	

Code	Facility	Address	WI Certification
B	Green Bay Lab (Bellevue St)	1241 Bellevue Street, Suite 9 Green Bay, WI 54302	405132750 / DATCP: 105-444
G	Green Bay Lab (Industrial Dr)	1795 Industrial Drive Green Bay, WI 54302	405132750

Sample Condition Upon Receipt

Pace Analytical

Client Name: NRT **Project #** 868081

Optional
Proj. Due Date:
Proj. Name:

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☑ Pace Other________

Custody Seal on Cooler/Box Present: ☐ yes ☑ no Seals intact: ☐ yes ☐ no

Packing Material: ☐ Bubble Wrap ☑ Bubble Bags ☐ None ☐ Other________

Thermometer Used NA

Type of Ice: [✓ Wet] Blue None ☐ Samples on ice, cooling process has begun

Cooler Temperature RWI

Temp should be above freezing to 6°C

Biological Tissue is Frozen: Yes No

Date and Initials of person examining contents: 1-6-06 8h
L 1/6/06

		Comments:
Chain of Custody Present:	☑ Yes ☐ No ☐ N/A	1.
Chain of Custody Filled Out:	☑ Yes ☐ No ☐ N/A	2.
Chain of Custody Relinquished:	☑ Yes ☐ No ☐ N/A	**3.**
Sampler Name & Signature on COC:	☑ Yes ☐ No ☐ N/A	4.
Samples Arrived within Hold Time:	☑ Yes ☐ No ☐ N/A	5.
Short Hold Time Analysis (<72hr):	☐ Yes ☑ No ☐ N/A	**6.**
Rush Turn Around Time Requested:	☐ Yes ☑ No ☐ N/A	**7.**
Sufficient Volume:	☑ Yes ☐ No ☐ N/A	8.
Correct Containers Used:	☑ Yes ☐ No ☐ N/A	9.
-Pace Containers Used:	☑ Yes ☐ No ☐ N/A	
Containers Intact:	☑ Yes ☐ No ☐ N/A	10.
Filtered volume received for Dissolved tests	☑ Yes ☐ No ☐ N/A	11.
Sample Labels match COC:	☐ Yes ☑ No ☐ N/A	12. No collection time on labels or COC.
-Includes date/time/ID/Analysis Matrix: W		
All containers needing preservation have been checked.	☑ Yes ☐ No ☐ N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	☑ Yes ☐ No ☐ N/A	8h
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☐ Yes ☐ No	Initial when completed
Samples checked for dechlorination:	☐ Yes ☐ No ☑ N/A	**14.**
Headspace in VOA Vials (>6mm):	☐ Yes ☑ No ☐ N/A	**15.**
Trip Blank Present:	☑ Yes ☐ No ☐ N/A	**16.**
Trip Blank Custody Seals Present	☑ Yes ☐ No ☐ N/A	
Pace Trip Blank Lot # (if purchased):________		

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: ____________ Date/Time: ____________

Comments/ Resolution: Client requesting Nitrate + Nitrite preserved w/ sulfuric to be run as 300.0.

Project Manager Review: TM **Date:** 1-9-06

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

(Please Print Legibly)
Company Name: NATURAL RESOURCE TECHNOLOGY
Branch or Location: PEWAUKEE
Project Contact: ERIC KOVATCH
Telephone: 262-523-9000
Project Number: 1177
Project Name: WPSC - STEVENS POINT
Project State: WISCONSIN
Sampled By (Print): RANDY BARNHILL
PO #:

EN CHEM INC.
A Division of Pace Analytical Services, Inc.

☒ 1241 Bellevue St., Suite 9
Green Bay, WI 54302
920-469-2436
Fax 920-469-8827

CHAIN OF CUSTODY No. 138829

Page 1 of 1
Quote #:
Mail Report To: ERIC KOVATCH
Company: N.R.T.
Address: 23713 W. PAUL RD.
PEWAUKEE, WI 53189
Invoice To:
Company:
Address:
Mail Invoice To:

Data Package Options - (please circle if requested
Sample Results Only (no QC)
EPA Level II (Subject to Surcharge)
EPA Level III (Subject to Surcharge)
EPA Level IV (Subject to Surcharge)

Regulatory Program	Matrix Codes
UST	GW=Ground Water
RCRA	W=Water
SDWA	S=Soil
NPDES	A=Air
CERCLA	C=Charcoal
	B=Biota
	Sl=Sludge
	WP=Wipe

*Preservation Codes
A=None B=HCL C=H2SO4 D=HNO3 E=EnCore F=Methanol G-NaOH
H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

ANALYSES REQUESTED

LABORATORY ID (Lab Use Only)	FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	BENZENE (8021B)	PAHs (8310)	METHANE (8015m)	IRON, DISSOLVED (6010)	ALKALINITY (310.2)	NITRATE+NITRITE (300.0)	SULFATE (300.0)	TOTAL # OF BOTTLES SENT	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)
	FILTERED? (YES/NO)				NO	NO	NO	YES	NO	NO	NO			
	PRESERVATION (CODE)*				B	A	B	D	A	C	A			
001	OW 5R	1.5.6		GW	X	X	X	X	X	X	X			1-1Lamba, 3-250ml A,C,D, 6-40m
002	P5B				X	X	X	X	X	X	X			
003	OW7A				X	X	X	X	X	X	X			
004	PZ7B				X	X	X	X	X	X	X			
005	OW12				X	X	X	X	X	X	X			
006	PZ12B				X	X	X	X	X	X	X			
007	QC01				X	X	X	X	X	X	X			
008	TB	1.5.6		GW	X									2-40mlB

Rush Turnaround Time Requested (TAT) - Prelim
(Rush TAT subject to approval/surcharge)
Date Needed: NORMAL
Transmit Prelim Rush Results by (circle):
Phone Fax E-mail
Phone #:
Fax #:
E-Mail Address:

Samples on HOLD are subject to special pricing and release of liability

Relinquished By:	Date/Time:	Received By:	Date/Time:
Randy Barnhill	1-6-06	Bill Noltemeyer /Pace	1-6-06 1035
Bill Noltemeyer	1-6-06 1035	BKempen	1/6/06 1145
BKempen	1/6/06 1420	SHarrison	1/6 1420

En Chem Project No. 868081
Sample Receipt Temp. ICOI
Sample Receipt pH (Wet/Metals) OK
Cooler Custody Seal
Present / [✓ Not Present]
Intact / Not intact

Version 4.0: 09/04

Pace Analytical®

1241 Bellevue Street, Suite 9
Green Bay, WI 54302
920-469-2436, Fax: 920-469-8827

Analytical Report Number: 870724

Client: NATURAL RESOURCE TECHNOLOGY

Lab Contact: Tom Trainor

Project Name: WPSC - STEVEN'S POINT

Project Number: 1177

Lab Sample Number	Field ID	Matrix	Collection Date
870724-001	OW-1	WATER	04/11/06 11:13
870724-002	OW-2	WATER	04/11/06 10:46
870724-003	OW-3R	WATER	04/11/06 09:10
870724-004	PZ-3B	WATER	04/11/06 09:07
870724-005	OW-4	WATER	04/11/06 11:08
870724-006	OW-5R	WATER	04/11/06 11:38
870724-007	P-5B	WATER	04/11/06 11:45
870724-008	OW-6	WATER	04/11/06 10:48
870724-009	OW-7A	WATER	04/11/06 08:43
870724-010	PZ-7B	WATER	04/11/06 08:45
870724-011	OW-8	WATER	04/11/06 10:18
870724-012	OW-9	WATER	04/11/06 07:45
870724-013	PZ-9B	WATER	04/11/06 07:48
870724-014	OW-10	WATER	04/11/06 07:15
870724-015	PZ-10B	WATER	04/11/06 07:25
870724-016	OW-11	WATER	04/11/06 08:15
870724-017	PZ-11B	WATER	04/11/06 08:23
870724-018	OW-12	WATER	04/11/06 09:50
870724-019	PZ-12B	WATER	04/11/06 09:57
870724-020	PZ-13B	WATER	04/11/06 10:15
870724-021	QC01	WATER	04/11/06
870724-022	QC02	WATER	04/11/06
870724-023	TRIP BLANK	WATER	04/11/06

I certify that the data contained in this Final Report has been generated and reviewed in accordance with approved methods and Laboratory Standard Operating Procedure. Exceptions, if any, are discussed in the accompanying sample comments. Release of this final report is authorized by Laboratory management, as is verified by the following signature. This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, Inc. The sample results relate only to the analytes of interest tested.

Tom Trainor

Approval Signature

4-25-06

Date

Pace Analytical Services, Inc.

Analytical Report Number: 870724

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : NATURAL RESOURCE TECHNOLOGY
Project Name : WPSC - STEVEN'S POINT
Project Number : 1177
Field ID : OW-1

Matrix Type : WATER
Collection Date : 04/11/06
Report Date : 04/25/06
Lab Sample Number : 870724-001

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Iron - Dissolved	20000	50	170		1	ug/L		04/14/06	SW846 6010B	SW846 6010B
Alkalinity as CaCO3	260	9.7	32		1	mg/L		04/14/06	EPA 310.2	EPA 310.2
Nitrogen, NO3 + NO2	0.25	0.11	0.37		1	mg/L	Q	04/17/06	EPA 353.2	EPA 353.2
Sulfate	240	3.9	13		5	mg/L		04/18/06	EPA 300.0	EPA 300.0

BENZENE

Prep Date: 04/14/06

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Benzene	1.1	0.14	0.46		1	ug/L		04/14/06	SW846 5030B	SW846 M8021
Surrogate		**LCL**	**UCL**							
a,a,a-Trifluorotoluene	98	80	124		1	%		04/14/06	SW846 5030B	SW846 M8021

METHANE

Prep Date: 04/17/06

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methane	260			10	1	ug/L		04/17/06	SW846 M8015	SW846 M8015

PAH/ PNA

Prep Date: 04/13/06

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1-Methylnaphthalene	3.4	0.20	0.68		20	ug/L		04/13/06	SW846 3510C	8270C-SIM
2-Methylnaphthalene	< 0.22	0.22	0.75		20	ug/L		04/13/06	SW846 3510C	8270C-SIM
Acenaphthene	25	0.82	2.7		100	ug/L	D	04/14/06	SW846 3510C	8270C-SIM
Acenaphthylene	0.58	0.16	0.54		20	ug/L		04/13/06	SW846 3510C	8270C-SIM
Anthracene	< 0.23	0.23	0.77		20	ug/L		04/13/06	SW846 3510C	8270C-SIM
Benzo(a)anthracene	< 0.31	0.31	1.0		20	ug/L		04/13/06	SW846 3510C	8270C-SIM
Benzo(a)pyrene	< 0.37	0.37	1.2		20	ug/L		04/13/06	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	< 0.31	0.31	1.0		20	ug/L	Z	04/13/06	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	< 0.39	0.39	1.3		20	ug/L		04/13/06	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	< 0.39	0.39	1.3		20	ug/L	Z	04/13/06	SW846 3510C	8270C-SIM
Chrysene	< 0.38	0.38	1.3		20	ug/L		04/13/06	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	< 0.38	0.38	1.3		20	ug/L		04/13/06	SW846 3510C	8270C-SIM
Fluoranthene	< 0.31	0.31	1.0		20	ug/L		04/13/06	SW846 3510C	8270C-SIM
Fluorene	4.1	0.18	0.60		20	ug/L		04/13/06	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	< 0.38	0.38	1.3		20	ug/L		04/13/06	SW846 3510C	8270C-SIM
Naphthalene	< 0.25	0.25	0.83		20	ug/L		04/13/06	SW846 3510C	8270C-SIM
Phenanthrene	2.2	0.23	0.76		20	ug/L		04/13/06	SW846 3510C	8270C-SIM
Pyrene	< 0.29	0.29	0.97		20	ug/L		04/13/06	SW846 3510C	8270C-SIM
Surrogate		**LCL**	**UCL**							
Nitrobenzene-d5	0	10	150		20	%	D	04/13/06	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	0	20	111		20	%	D	04/13/06	SW846 3510C	8270C-SIM
Terphenyl-d14	0	44	115		20	%	D	04/13/06	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

Analytical Report Number: 870724

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : NATURAL RESOURCE TECHNOLOGY
Project Name : WPSC - STEVEN'S POINT
Project Number : 1177
Field ID : OW-2

Matrix Type : WATER
Collection Date : 04/11/06
Report Date : 04/25/06
Lab Sample Number : 870724-002

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Iron - Dissolved	11000	50	170		1	ug/L		04/14/06	SW846 6010B	SW846 6010B
Alkalinity as CaCO3	100	9.7	32		1	mg/L		04/14/06	EPA 310.2	EPA 310.2
Nitrogen, NO3 + NO2	< 0.11	0.11	0.37		1	mg/L		04/17/06	EPA 353.2	EPA 353.2
Sulfate	3.7	0.77	2.6		1	mg/L		04/18/06	EPA 300.0	EPA 300.0

BENZENE

Prep Date: 04/14/06

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Benzene	< 0.14	0.14	0.46		1	ug/L		04/14/06	SW846 5030B	SW846 M8021
Surrogate		**LCL**	**UCL**							
a,a,a-Trifluorotoluene	98	80	124		1	%		04/14/06	SW846 5030B	SW846 M8021

METHANE

Prep Date: 04/17/06

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methane	3800			400	40	ug/L		04/17/06	SW846 M8015	SW846 M8015

PAH/ PNA

Prep Date: 04/13/06

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1-Methylnaphthalene	0.21	0.20	0.68		20	ug/L	Q	04/13/06	SW846 3510C	8270C-SIM
2-Methylnaphthalene	< 0.22	0.22	0.75		20	ug/L		04/13/06	SW846 3510C	8270C-SIM
Acenaphthene	4.2	0.16	0.54		20	ug/L		04/13/06	SW846 3510C	8270C-SIM
Acenaphthylene	< 0.16	0.16	0.54		20	ug/L		04/13/06	SW846 3510C	8270C-SIM
Anthracene	0.27	0.23	0.77		20	ug/L	Q	04/13/06	SW846 3510C	8270C-SIM
Benzo(a)anthracene	< 0.31	0.31	1.0		20	ug/L		04/13/06	SW846 3510C	8270C-SIM
Benzo(a)pyrene	< 0.37	0.37	1.2		20	ug/L		04/13/06	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	< 0.31	0.31	1.0		20	ug/L	Z	04/13/06	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	< 0.39	0.39	1.3		20	ug/L		04/13/06	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	< 0.39	0.39	1.3		20	ug/L	Z	04/13/06	SW846 3510C	8270C-SIM
Chrysene	< 0.38	0.38	1.3		20	ug/L		04/13/06	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	< 0.38	0.38	1.3		20	ug/L		04/13/06	SW846 3510C	8270C-SIM
Fluoranthene	< 0.31	0.31	1.0		20	ug/L		04/13/06	SW846 3510C	8270C-SIM
Fluorene	1.6	0.18	0.60		20	ug/L		04/13/06	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	< 0.38	0.38	1.3		20	ug/L		04/13/06	SW846 3510C	8270C-SIM
Naphthalene	< 0.25	0.25	0.83		20	ug/L		04/13/06	SW846 3510C	8270C-SIM
Phenanthrene	0.93	0.23	0.76		20	ug/L		04/13/06	SW846 3510C	8270C-SIM
Pyrene	< 0.29	0.29	0.97		20	ug/L		04/13/06	SW846 3510C	8270C-SIM
Surrogate		**LCL**	**UCL**							
Nitrobenzene-d5	0	10	150		20	%	D	04/13/06	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	0	20	111		20	%	D	04/13/06	SW846 3510C	8270C-SIM
Terphenyl-d14	0	44	115		20	%	D	04/13/06	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

Analytical Report Number: 870724

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : NATURAL RESOURCE TECHNOLOGY
Project Name : WPSC - STEVEN'S POINT
Project Number : 1177
Field ID : OW-3R

Matrix Type : WATER
Collection Date : 04/11/06
Report Date : 04/25/06
Lab Sample Number : 870724-003

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Iron - Dissolved	16000	50	170		1	ug/L		04/14/06	SW846 6010B	SW846 6010B
Alkalinity as CaCO3	490	9.7	32		1	mg/L		04/14/06	EPA 310.2	EPA 310.2
Nitrogen, NO3 + NO2	< 0.11	0.11	0.37		1	mg/L		04/17/06	EPA 353.2	EPA 353.2
Sulfate	250	7.7	26		10	mg/L		04/18/06	EPA 300.0	EPA 300.0

BENZENE

Prep Date: 04/14/06

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Benzene	0.34	0.14	0.46		1	ug/L	Q	04/14/06	SW846 5030B	SW846 M8021
Surrogate		**LCL**	**UCL**							
a,a,a-Trifluorotoluene	99	80	124		1	%		04/14/06	SW846 5030B	SW846 M8021

METHANE

Prep Date: 04/17/06

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methane	260			25	2.5	ug/L		04/17/06	SW846 M8015	SW846 M8015

PAH/ PNA

Prep Date: 04/13/06

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1-Methylnaphthalene	0.27	0.020	0.068		2	ug/L		04/14/06	SW846 3510C	8270C-SIM
2-Methylnaphthalene	< 0.022	0.022	0.075		2	ug/L		04/14/06	SW846 3510C	8270C-SIM
Acenaphthene	0.47	0.016	0.054		2	ug/L		04/14/06	SW846 3510C	8270C-SIM
Acenaphthylene	0.12	0.016	0.054		2	ug/L		04/14/06	SW846 3510C	8270C-SIM
Anthracene	0.35	0.023	0.077		2	ug/L		04/14/06	SW846 3510C	8270C-SIM
Benzo(a)anthracene	0.040	0.031	0.10		2	ug/L	Q	04/14/06	SW846 3510C	8270C-SIM
Benzo(a)pyrene	< 0.037	0.037	0.12		2	ug/L		04/14/06	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	< 0.031	0.031	0.10		2	ug/L	Z	04/14/06	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	< 0.039	0.039	0.13		2	ug/L		04/14/06	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	< 0.039	0.039	0.13		2	ug/L	Z	04/14/06	SW846 3510C	8270C-SIM
Chrysene	< 0.038	0.038	0.13		2	ug/L		04/14/06	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	< 0.038	0.038	0.13		2	ug/L		04/14/06	SW846 3510C	8270C-SIM
Fluoranthene	0.54	0.031	0.10		2	ug/L		04/14/06	SW846 3510C	8270C-SIM
Fluorene	0.36	0.018	0.060		2	ug/L		04/14/06	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	< 0.038	0.038	0.13		2	ug/L		04/14/06	SW846 3510C	8270C-SIM
Naphthalene	0.11	0.025	0.083		2	ug/L		04/14/06	SW846 3510C	8270C-SIM
Phenanthrene	0.42	0.023	0.076		2	ug/L		04/14/06	SW846 3510C	8270C-SIM
Pyrene	0.33	0.029	0.097		2	ug/L		04/14/06	SW846 3510C	8270C-SIM
Surrogate		**LCL**	**UCL**							
Nitrobenzene-d5	88	10	150		2	%		04/14/06	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	85	20	111		2	%		04/14/06	SW846 3510C	8270C-SIM
Terphenyl-d14	100	44	115		2	%		04/14/06	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

Analytical Report Number: 870724

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : NATURAL RESOURCE TECHNOLOGY
Project Name : WPSC - STEVEN'S POINT
Project Number : 1177
Field ID : PZ-3B

Matrix Type : WATER
Collection Date : 04/11/06
Report Date : 04/25/06
Lab Sample Number : 870724-004

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Iron - Dissolved	< 50	50	170		1	ug/L		04/14/06	SW846 6010B	SW846 6010B
Alkalinity as CaCO3	45	9.7	32		1	mg/L		04/14/06	EPA 310.2	EPA 310.2
Nitrogen, NO3 + NO2	0.26	0.11	0.37		1	mg/L	Q	04/17/06	EPA 353.2	EPA 353.2
Sulfate	9.9	0.77	2.6		1	mg/L		04/18/06	EPA 300.0	EPA 300.0

BENZENE

Prep Date: 04/14/06

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Benzene	< 0.14	0.14	0.46		1	ug/L		04/14/06	SW846 5030B	SW846 M8021
Surrogate		**LCL**	**UCL**							
a,a,a-Trifluorotoluene	98	80	124		1	%		04/14/06	SW846 5030B	SW846 M8021

METHANE

Prep Date: 04/17/06

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methane	14			10	1	ug/L		04/17/06	SW846 M8015	SW846 M8015

PAH/ PNA

Prep Date: 04/13/06

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1-Methylnaphthalene	0.054	0.010	0.034		1	ug/L		04/13/06	SW846 3510C	8270C-SIM
2-Methylnaphthalene	0.056	0.011	0.038		1	ug/L		04/13/06	SW846 3510C	8270C-SIM
Acenaphthene	0.078	0.0082	0.027		1	ug/L		04/13/06	SW846 3510C	8270C-SIM
Acenaphthylene	< 0.0082	0.0082	0.027		1	ug/L		04/13/06	SW846 3510C	8270C-SIM
Anthracene	0.014	0.012	0.039		1	ug/L	Q	04/13/06	SW846 3510C	8270C-SIM
Benzo(a)anthracene	< 0.016	0.016	0.052		1	ug/L		04/13/06	SW846 3510C	8270C-SIM
Benzo(a)pyrene	< 0.019	0.019	0.062		1	ug/L		04/13/06	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	< 0.016	0.016	0.053		1	ug/L	Z	04/13/06	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	< 0.019	0.019	0.065		1	ug/L		04/13/06	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	< 0.020	0.020	0.065		1	ug/L	Z	04/13/06	SW846 3510C	8270C-SIM
Chrysene	< 0.019	0.019	0.064		1	ug/L		04/13/06	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	< 0.019	0.019	0.063		1	ug/L		04/13/06	SW846 3510C	8270C-SIM
Fluoranthene	< 0.016	0.016	0.052		1	ug/L		04/13/06	SW846 3510C	8270C-SIM
Fluorene	0.045	0.0091	0.030		1	ug/L		04/13/06	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	< 0.019	0.019	0.063		1	ug/L		04/13/06	SW846 3510C	8270C-SIM
Naphthalene	0.23	0.012	0.042		1	ug/L		04/13/06	SW846 3510C	8270C-SIM
Phenanthrene	0.062	0.011	0.038		1	ug/L		04/13/06	SW846 3510C	8270C-SIM
Pyrene	< 0.015	0.015	0.049		1	ug/L		04/13/06	SW846 3510C	8270C-SIM
Surrogate		**LCL**	**UCL**							
Nitrobenzene-d5	85	10	150		1	%		04/13/06	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	77	20	111		1	%		04/13/06	SW846 3510C	8270C-SIM
Terphenyl-d14	82	44	115		1	%		04/13/06	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

Analytical Report Number: 870724

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : NATURAL RESOURCE TECHNOLOGY
Project Name : WPSC - STEVEN'S POINT
Project Number : 1177
Field ID : OW-4
Matrix Type : WATER
Collection Date : 04/11/06
Report Date : 04/25/06
Lab Sample Number : 870724-005

INORGANICS

Test		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Iron - Dissolved		22000	50	170		1	ug/L		04/14/06	SW846 6010B	SW846 6010B
Alkalinity as CaCO3		110	9.7	32		1	mg/L		04/14/06	EPA 310.2	EPA 310.2
Nitrogen, NO3 + NO2	<	0.11	0.11	0.37		1	mg/L		04/17/06	EPA 353.2	EPA 353.2
Sulfate		2.3	0.77	2.6		1	mg/L	Q	04/18/06	EPA 300.0	EPA 300.0

BENZENE

Prep Date: 04/14/06

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Benzene	<	0.14	0.14	0.46		1	ug/L		04/14/06	SW846 5030B	SW846 M8021
Surrogate			**LCL**	**UCL**							
a,a,a-Trifluorotoluene		99	80	124		1	%		04/14/06	SW846 5030B	SW846 M8021

METHANE

Prep Date: 04/17/06

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methane		2300			250	25	ug/L		04/17/06	SW846 M8015	SW846 M8015

PAH/ PNA

Prep Date: 04/13/06

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1-Methylnaphthalene		0.093	0.010	0.034		1	ug/L		04/13/06	SW846 3510C	8270C-SIM
2-Methylnaphthalene		0.017	0.011	0.037		1	ug/L	Q	04/13/06	SW846 3510C	8270C-SIM
Acenaphthene		0.059	0.0082	0.027		1	ug/L		04/13/06	SW846 3510C	8270C-SIM
Acenaphthylene		0.0092	0.0081	0.027		1	ug/L	Q	04/13/06	SW846 3510C	8270C-SIM
Anthracene	<	0.012	0.012	0.039		1	ug/L		04/13/06	SW846 3510C	8270C-SIM
Benzo(a)anthracene	<	0.016	0.016	0.052		1	ug/L		04/13/06	SW846 3510C	8270C-SIM
Benzo(a)pyrene	<	0.018	0.018	0.061		1	ug/L		04/13/06	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	<	0.016	0.016	0.052		1	ug/L	Z	04/13/06	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	<	0.019	0.019	0.064		1	ug/L		04/13/06	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	<	0.019	0.019	0.064		1	ug/L	Z	04/13/06	SW846 3510C	8270C-SIM
Chrysene	<	0.019	0.019	0.063		1	ug/L		04/13/06	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	<	0.019	0.019	0.063		1	ug/L		04/13/06	SW846 3510C	8270C-SIM
Fluoranthene	<	0.015	0.015	0.052		1	ug/L		04/13/06	SW846 3510C	8270C-SIM
Fluorene	<	0.0091	0.0091	0.030		1	ug/L		04/13/06	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	<	0.019	0.019	0.063		1	ug/L		04/13/06	SW846 3510C	8270C-SIM
Naphthalene		1.5	0.062	0.21		5	ug/L	D	04/14/06	SW846 3510C	8270C-SIM
Phenanthrene	<	0.011	0.011	0.038		1	ug/L		04/13/06	SW846 3510C	8270C-SIM
Pyrene	<	0.015	0.015	0.048		1	ug/L		04/13/06	SW846 3510C	8270C-SIM
Surrogate			**LCL**	**UCL**							
Nitrobenzene-d5		80	10	150		1	%		04/13/06	SW846 3510C	8270C-SIM
2-Fluorobiphenyl		72	20	111		1	%		04/13/06	SW846 3510C	8270C-SIM
Terphenyl-d14		82	44	115		1	%		04/13/06	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 870724

Client : NATURAL RESOURCE TECHNOLOGY
Project Name : WPSC - STEVEN'S POINT
Project Number : 1177
Field ID : OW-5R

Matrix Type : WATER
Collection Date : 04/11/06
Report Date : 04/25/06
Lab Sample Number : 870724-006

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Iron - Dissolved	22000	50	170		1	ug/L		04/14/06	SW846 6010B	SW846 6010B
Alkalinity as CaCO3	350	9.7	32		1	mg/L		04/14/06	EPA 310.2	EPA 310.2
Nitrogen, NO3 + NO2	< 0.11	0.11	0.37		1	mg/L		04/17/06	EPA 353.2	EPA 353.2
Sulfate	250	7.7	26		10	mg/L		04/18/06	EPA 300.0	EPA 300.0

BENZENE

Prep Date: 04/14/06

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Benzene	15	0.14	0.46		1	ug/L		04/14/06	SW846 5030B	SW846 M8021
Surrogate		**LCL**	**UCL**							
a,a,a-Trifluorotoluene	98	80	124		1	%		04/14/06	SW846 5030B	SW846 M8021

METHANE

Prep Date: 04/24/06

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methane	97			10	1	ug/L		04/24/06	SW846 M8015	SW846 M8015

PAH/ PNA

Prep Date: 04/13/06

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1-Methylnaphthalene	5.3	0.20	0.68		20	ug/L		04/13/06	SW846 3510C	8270C-SIM
2-Methylnaphthalene	< 0.22	0.22	0.75		20	ug/L		04/13/06	SW846 3510C	8270C-SIM
Acenaphthene	6.6	0.16	0.54		20	ug/L		04/13/06	SW846 3510C	8270C-SIM
Acenaphthylene	2.1	0.16	0.54		20	ug/L		04/13/06	SW846 3510C	8270C-SIM
Anthracene	0.92	0.23	0.77		20	ug/L		04/13/06	SW846 3510C	8270C-SIM
Benzo(a)anthracene	< 0.31	0.31	1.0		20	ug/L		04/13/06	SW846 3510C	8270C-SIM
Benzo(a)pyrene	< 0.37	0.37	1.2		20	ug/L		04/13/06	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	< 0.31	0.31	1.0		20	ug/L	Z	04/13/06	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	< 0.39	0.39	1.3		20	ug/L		04/13/06	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	< 0.39	0.39	1.3		20	ug/L	Z	04/13/06	SW846 3510C	8270C-SIM
Chrysene	< 0.38	0.38	1.3		20	ug/L		04/13/06	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	< 0.38	0.38	1.3		20	ug/L		04/13/06	SW846 3510C	8270C-SIM
Fluoranthene	1.8	0.31	1.0		20	ug/L		04/13/06	SW846 3510C	8270C-SIM
Fluorene	2.9	0.18	0.60		20	ug/L		04/13/06	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	< 0.38	0.38	1.3		20	ug/L		04/13/06	SW846 3510C	8270C-SIM
Naphthalene	2.8	0.25	0.83		20	ug/L		04/13/06	SW846 3510C	8270C-SIM
Phenanthrene	2.4	0.23	0.76		20	ug/L		04/13/06	SW846 3510C	8270C-SIM
Pyrene	1.1	0.29	0.97		20	ug/L		04/13/06	SW846 3510C	8270C-SIM
Surrogate		**LCL**	**UCL**							
Nitrobenzene-d5	0	10	150		20	%	D	04/13/06	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	0	20	111		20	%	D	04/13/06	SW846 3510C	8270C-SIM
Terphenyl-d14	0	44	115		20	%	D	04/13/06	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

Analytical Report Number: 870724

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : NATURAL RESOURCE TECHNOLOGY
Project Name : WPSC - STEVEN'S POINT
Project Number : 1177
Field ID : P-5B

Matrix Type : WATER
Collection Date : 04/11/06
Report Date : 04/25/06
Lab Sample Number : 870724-007

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Iron - Dissolved	1700	50	170		1	ug/L		04/14/06	SW846 6010B	SW846 6010B
Alkalinity as CaCO3	140	9.7	32		1	mg/L		04/14/06	EPA 310.2	EPA 310.2
Nitrogen, NO3 + NO2	< 0.11	0.11	0.37		1	mg/L		04/17/06	EPA 353.2	EPA 353.2
Sulfate	1.9	0.77	2.6		1	mg/L	Q	04/18/06	EPA 300.0	EPA 300.0

BENZENE

Prep Date: 04/14/06

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Benzene	3.5	0.69	2.3		5	ug/L		04/14/06	SW846 5030B	SW846 M8021
Surrogate		**LCL**	**UCL**							
a,a,a-Trifluorotoluene	99	80	124		1	%		04/14/06	SW846 5030B	SW846 M8021

METHANE

Prep Date: 04/24/06

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methane	230			10	1	ug/L		04/24/06	SW846 M8015	SW846 M8015

PAH/ PNA

Prep Date: 04/13/06

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1-Methylnaphthalene	57	2.0	6.8		200	ug/L		04/14/06	SW846 3510C	8270C-SIM
2-Methylnaphthalene	5.3	2.2	7.5		200	ug/L	Q	04/14/06	SW846 3510C	8270C-SIM
Acenaphthene	90	1.6	5.4		200	ug/L		04/14/06	SW846 3510C	8270C-SIM
Acenaphthylene	7.8	1.6	5.4		200	ug/L		04/14/06	SW846 3510C	8270C-SIM
Anthracene	3.2	2.3	7.7		200	ug/L	Q	04/14/06	SW846 3510C	8270C-SIM
Benzo(a)anthracene	< 3.1	3.1	10		200	ug/L		04/14/06	SW846 3510C	8270C-SIM
Benzo(a)pyrene	< 3.7	3.7	12		200	ug/L		04/14/06	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	< 3.1	3.1	10		200	ug/L	Z	04/14/06	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	< 3.9	3.9	13		200	ug/L		04/14/06	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	< 3.9	3.9	13		200	ug/L	Z	04/14/06	SW846 3510C	8270C-SIM
Chrysene	< 3.8	3.8	13		200	ug/L		04/14/06	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	< 3.8	3.8	13		200	ug/L		04/14/06	SW846 3510C	8270C-SIM
Fluoranthene	< 3.1	3.1	10		200	ug/L		04/14/06	SW846 3510C	8270C-SIM
Fluorene	29	1.8	6.0		200	ug/L		04/14/06	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	< 3.8	3.8	13		200	ug/L		04/14/06	SW846 3510C	8270C-SIM
Naphthalene	34	2.5	8.3		200	ug/L		04/14/06	SW846 3510C	8270C-SIM
Phenanthrene	11	2.3	7.6		200	ug/L		04/14/06	SW846 3510C	8270C-SIM
Pyrene	< 2.9	2.9	9.7		200	ug/L		04/14/06	SW846 3510C	8270C-SIM
Surrogate		**LCL**	**UCL**							
Nitrobenzene-d5	0	10	150		200	%	D	04/14/06	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	0	20	111		200	%	D	04/14/06	SW846 3510C	8270C-SIM
Terphenyl-d14	0	44	115		200	%	D	04/14/06	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

Analytical Report Number: 870724

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : NATURAL RESOURCE TECHNOLOGY
Project Name : WPSC - STEVEN'S POINT
Project Number : 1177
Field ID : OW-6

Matrix Type : WATER
Collection Date : 04/11/06
Report Date : 04/25/06
Lab Sample Number : 870724-008

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Iron - Dissolved	11000	50	170		1	ug/L		04/14/06	SW846 6010B	SW846 6010B
Alkalinity as CaCO3	95	9.7	32		1	mg/L		04/14/06	EPA 310.2	EPA 310.2
Nitrogen, NO3 + NO2	< 0.11	0.11	0.37		1	mg/L		04/17/06	EPA 353.2	EPA 353.2
Sulfate	6.2	0.77	2.6		1	mg/L		04/18/06	EPA 300.0	EPA 300.0

BENZENE

Prep Date: 04/14/06

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Benzene	5.0	0.28	0.92		2	ug/L		04/14/06	SW846 5030B	SW846 M8021
Surrogate		**LCL**	**UCL**							
a,a,a-Trifluorotoluene	98	80	124		1	%		04/14/06	SW846 5030B	SW846 M8021

METHANE

Prep Date: 04/24/06

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methane	6800			500	50	ug/L		04/24/06	SW846 M8015	SW846 M8015

PAH/ PNA

Prep Date: 04/13/06

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1-Methylnaphthalene	7.3	0.20	0.68		20	ug/L		04/13/06	SW846 3510C	8270C-SIM
2-Methylnaphthalene	6.3	0.23	0.75		20	ug/L		04/13/06	SW846 3510C	8270C-SIM
Acenaphthene	11	1.6	5.5		200	ug/L	D	04/14/06	SW846 3510C	8270C-SIM
Acenaphthylene	0.31	0.16	0.55		20	ug/L	Q	04/13/06	SW846 3510C	8270C-SIM
Anthracene	1.6	0.23	0.78		20	ug/L		04/13/06	SW846 3510C	8270C-SIM
Benzo(a)anthracene	< 0.31	0.31	1.0		20	ug/L		04/13/06	SW846 3510C	8270C-SIM
Benzo(a)pyrene	< 0.37	0.37	1.2		20	ug/L		04/13/06	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	< 0.32	0.32	1.1		20	ug/L	Z	04/13/06	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	< 0.39	0.39	1.3		20	ug/L		04/13/06	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	< 0.39	0.39	1.3		20	ug/L	Z	04/13/06	SW846 3510C	8270C-SIM
Chrysene	< 0.38	0.38	1.3		20	ug/L		04/13/06	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	< 0.38	0.38	1.3		20	ug/L		04/13/06	SW846 3510C	8270C-SIM
Fluoranthene	1.1	0.31	1.0		20	ug/L		04/13/06	SW846 3510C	8270C-SIM
Fluorene	5.2	0.18	0.61		20	ug/L		04/13/06	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	< 0.38	0.38	1.3		20	ug/L		04/13/06	SW846 3510C	8270C-SIM
Naphthalene	51	2.5	8.3		200	ug/L	D	04/14/06	SW846 3510C	8270C-SIM
Phenanthrene	6.2	0.23	0.76		20	ug/L		04/13/06	SW846 3510C	8270C-SIM
Pyrene	0.84	0.29	0.98		20	ug/L	Q	04/13/06	SW846 3510C	8270C-SIM
Surrogate		**LCL**	**UCL**							
Nitrobenzene-d5	0	10	150		20	%	D	04/13/06	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	0	20	111		20	%	D	04/13/06	SW846 3510C	8270C-SIM
Terphenyl-d14	0	44	115		20	%	D	04/13/06	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 870724

Client : NATURAL RESOURCE TECHNOLOGY
Project Name : WPSC - STEVEN'S POINT
Project Number : 1177
Field ID : OW-7A

Matrix Type : WATER
Collection Date : 04/11/06
Report Date : 04/25/06
Lab Sample Number : 870724-009

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Iron - Dissolved	8200	50	170		1	ug/L		04/14/06	SW846 6010B	SW846 6010B
Alkalinity as CaCO3	100	9.7	32		1	mg/L		04/14/06	EPA 310.2	EPA 310.2
Nitrogen, NO3 + NO2	< 0.11	0.11	0.37		1	mg/L		04/17/06	EPA 353.2	EPA 353.2
Sulfate	2.2	0.77	2.6		1	mg/L	Q	04/18/06	EPA 300.0	EPA 300.0

BENZENE

Prep Date: 04/14/06

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Benzene	7.8	0.28	0.92		2	ug/L		04/14/06	SW846 5030B	SW846 M8021
Surrogate		**LCL**	**UCL**							
a,a,a-Trifluorotoluene	98	80	124		1	%		04/14/06	SW846 5030B	SW846 M8021

METHANE

Prep Date: 04/24/06

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methane	7100			500	50	ug/L		04/24/06	SW846 M8015	SW846 M8015

PAH/ PNA

Prep Date: 04/13/06

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1-Methylnaphthalene	17	8.1	27		800	ug/L	QD	04/14/06	SW846 3510C	8270C-SIM
2-Methylnaphthalene	15	9.0	30		800	ug/L	QD	04/14/06	SW846 3510C	8270C-SIM
Acenaphthene	26	6.5	22		800	ug/L	D	04/14/06	SW846 3510C	8270C-SIM
Acenaphthylene	0.69	0.16	0.54		20	ug/L		04/13/06	SW846 3510C	8270C-SIM
Anthracene	2.9	0.23	0.77		20	ug/L		04/13/06	SW846 3510C	8270C-SIM
Benzo(a)anthracene	< 0.31	0.31	1.0		20	ug/L		04/13/06	SW846 3510C	8270C-SIM
Benzo(a)pyrene	< 0.37	0.37	1.2		20	ug/L		04/13/06	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	< 0.31	0.31	1.0		20	ug/L	Z	04/13/06	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	< 0.39	0.39	1.3		20	ug/L		04/13/06	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	< 0.39	0.39	1.3		20	ug/L	Z	04/13/06	SW846 3510C	8270C-SIM
Chrysene	< 0.38	0.38	1.3		20	ug/L		04/13/06	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	< 0.38	0.38	1.3		20	ug/L		04/13/06	SW846 3510C	8270C-SIM
Fluoranthene	1.7	0.31	1.0		20	ug/L		04/13/06	SW846 3510C	8270C-SIM
Fluorene	11	7.2	24		800	ug/L	QD	04/14/06	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	< 0.38	0.38	1.3		20	ug/L		04/13/06	SW846 3510C	8270C-SIM
Naphthalene	200	9.9	33		800	ug/L	D	04/14/06	SW846 3510C	8270C-SIM
Phenanthrene	12	9.1	30		800	ug/L	QD	04/14/06	SW846 3510C	8270C-SIM
Pyrene	1.4	0.29	0.97		20	ug/L		04/13/06	SW846 3510C	8270C-SIM
Surrogate		**LCL**	**UCL**							
Nitrobenzene-d5	0	10	150		20	%	D	04/13/06	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	0	20	111		20	%	D	04/13/06	SW846 3510C	8270C-SIM
Terphenyl-d14	0	44	115		20	%	D	04/13/06	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

Analytical Report Number: 870724

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : NATURAL RESOURCE TECHNOLOGY
Project Name : WPSC - STEVEN'S POINT
Project Number : 1177
Field ID : PZ-7B

Matrix Type : WATER
Collection Date : 04/11/06
Report Date : 04/25/06
Lab Sample Number : 870724-010

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Iron - Dissolved	2000	50	170		1	ug/L		04/14/06	SW846 6010B	SW846 6010B
Alkalinity as CaCO3	94	9.7	32		1	mg/L		04/14/06	EPA 310.2	EPA 310.2
Nitrogen, NO3 + NO2	< 0.11	0.11	0.37		1	mg/L		04/17/06	EPA 353.2	EPA 353.2
Sulfate	< 0.77	0.77	2.6		1	mg/L		04/18/06	EPA 300.0	EPA 300.0

BENZENE

Prep Date: 04/14/06

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Benzene	< 2.8	2.8	9.2		20	ug/L	K	04/14/06	SW846 5030B	SW846 M8021
Surrogate		**LCL**	**UCL**							
a,a,a-Trifluorotoluene	99	80	124		1	%		04/14/06	SW846 5030B	SW846 M8021

METHANE

Prep Date: 04/24/06

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methane	830			50	5	ug/L		04/24/06	SW846 M8015	SW846 M8015

PAH/ PNA

Prep Date: 04/13/06

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1-Methylnaphthalene	110	20	68		2000	ug/L	D	04/14/06	SW846 3510C	8270C-SIM
2-Methylnaphthalene	100	22	75		2000	ug/L	D	04/14/06	SW846 3510C	8270C-SIM
Acenaphthene	78	16	54		2000	ug/L	D	04/14/06	SW846 3510C	8270C-SIM
Acenaphthylene	30	0.81	2.7		100	ug/L		04/13/06	SW846 3510C	8270C-SIM
Anthracene	1.4	1.2	3.9		100	ug/L	Q	04/13/06	SW846 3510C	8270C-SIM
Benzo(a)anthracene	< 1.6	1.6	5.2		100	ug/L		04/13/06	SW846 3510C	8270C-SIM
Benzo(a)pyrene	< 1.8	1.8	6.1		100	ug/L		04/13/06	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	< 1.6	1.6	5.2		100	ug/L	Z	04/13/06	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	< 1.9	1.9	6.4		100	ug/L		04/13/06	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	< 1.9	1.9	6.4		100	ug/L	Z	04/13/06	SW846 3510C	8270C-SIM
Chrysene	< 1.9	1.9	6.3		100	ug/L		04/13/06	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	< 1.9	1.9	6.3		100	ug/L		04/13/06	SW846 3510C	8270C-SIM
Fluoranthene	< 1.5	1.5	5.2		100	ug/L		04/13/06	SW846 3510C	8270C-SIM
Fluorene	13	0.91	3.0		100	ug/L		04/13/06	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	< 1.9	1.9	6.3		100	ug/L		04/13/06	SW846 3510C	8270C-SIM
Naphthalene	590	25	83		2000	ug/L	D	04/14/06	SW846 3510C	8270C-SIM
Phenanthrene	9.1	1.1	3.8		100	ug/L		04/13/06	SW846 3510C	8270C-SIM
Pyrene	< 1.5	1.5	4.8		100	ug/L		04/13/06	SW846 3510C	8270C-SIM
Surrogate		**LCL**	**UCL**							
Nitrobenzene-d5	0	10	150		100	%	D	04/13/06	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	0	20	111		100	%	D	04/13/06	SW846 3510C	8270C-SIM
Terphenyl-d14	0	44	115		100	%	D	04/13/06	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

Analytical Report Number: 870724

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : NATURAL RESOURCE TECHNOLOGY
Project Name : WPSC - STEVEN'S POINT
Project Number : 1177
Field ID : OW-8

Matrix Type : WATER
Collection Date : 04/11/06
Report Date : 04/25/06
Lab Sample Number : 870724-011

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Iron - Dissolved	40000	50	170		1	ug/L		04/14/06	SW846 6010B	SW846 6010B
Alkalinity as CaCO3	58	9.7	32		1	mg/L		04/14/06	EPA 310.2	EPA 310.2
Nitrogen, NO3 + NO2	< 0.11	0.11	0.37		1	mg/L		04/17/06	EPA 353.2	EPA 353.2
Sulfate	< 0.77	0.77	2.6		1	mg/L		04/18/06	EPA 300.0	EPA 300.0

BENZENE

Prep Date: 04/14/06

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Benzene	< 0.14	0.14	0.46		1	ug/L		04/14/06	SW846 5030B	SW846 M8021
Surrogate		**LCL**	**UCL**							
a,a,a-Trifluorotoluene	98	80	124		1	%		04/14/06	SW846 5030B	SW846 M8021

METHANE

Prep Date: 04/24/06

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methane	2900			250	25	ug/L		04/24/06	SW846 M8015	SW846 M8015

PAH/ PNA

Prep Date: 04/13/06

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1-Methylnaphthalene	1.6	0.13	0.42		12.5	ug/L	D	04/14/06	SW846 3510C	8270C-SIM
2-Methylnaphthalene	0.21	0.011	0.037		1	ug/L		04/14/06	SW846 3510C	8270C-SIM
Acenaphthene	2.1	0.10	0.34		12.5	ug/L	D	04/14/06	SW846 3510C	8270C-SIM
Acenaphthylene	0.080	0.0081	0.027		1	ug/L		04/14/06	SW846 3510C	8270C-SIM
Anthracene	0.13	0.012	0.039		1	ug/L		04/14/06	SW846 3510C	8270C-SIM
Benzo(a)anthracene	< 0.016	0.016	0.052		1	ug/L		04/14/06	SW846 3510C	8270C-SIM
Benzo(a)pyrene	< 0.018	0.018	0.061		1	ug/L		04/14/06	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	< 0.016	0.016	0.052		1	ug/L	Z	04/14/06	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	< 0.019	0.019	0.064		1	ug/L		04/14/06	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	< 0.019	0.019	0.064		1	ug/L	Z	04/14/06	SW846 3510C	8270C-SIM
Chrysene	< 0.019	0.019	0.063		1	ug/L		04/14/06	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	< 0.019	0.019	0.063		1	ug/L		04/14/06	SW846 3510C	8270C-SIM
Fluoranthene	0.063	0.015	0.052		1	ug/L		04/14/06	SW846 3510C	8270C-SIM
Fluorene	0.76	0.11	0.38		12.5	ug/L	D	04/14/06	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	< 0.019	0.019	0.063		1	ug/L		04/14/06	SW846 3510C	8270C-SIM
Naphthalene	4.5	0.15	0.52		12.5	ug/L	D	04/14/06	SW846 3510C	8270C-SIM
Phenanthrene	0.95	0.14	0.47		12.5	ug/L	D	04/14/06	SW846 3510C	8270C-SIM
Pyrene	0.055	0.015	0.048		1	ug/L		04/14/06	SW846 3510C	8270C-SIM
Surrogate		**LCL**	**UCL**							
Nitrobenzene-d5	85	10	150		1	%		04/14/06	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	80	20	111		1	%		04/14/06	SW846 3510C	8270C-SIM
Terphenyl-d14	81	44	115		1	%		04/14/06	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

Analytical Report Number: 870724

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : NATURAL RESOURCE TECHNOLOGY
Project Name : WPSC - STEVEN'S POINT
Project Number : 1177
Field ID : OW-9

Matrix Type : WATER
Collection Date : 04/11/06
Report Date : 04/25/06
Lab Sample Number : 870724-012

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Iron - Dissolved	10000	50	170		1	ug/L		04/14/06	SW846 6010B	SW846 6010B
Alkalinity as CaCO3	250	9.7	32		1	mg/L		04/14/06	EPA 310.2	EPA 310.2
Nitrogen, NO3 + NO2	< 0.11	0.11	0.37		1	mg/L		04/17/06	EPA 353.2	EPA 353.2
Sulfate	15	0.77	2.6		1	mg/L		04/18/06	EPA 300.0	EPA 300.0

BENZENE

Prep Date: 04/14/06

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Benzene	98	2.8	9.2		20	ug/L		04/14/06	SW846 5030B	SW846 M8021
Surrogate		**LCL**	**UCL**							
a,a,a-Trifluorotoluene	99	80	124		1	%		04/14/06	SW846 5030B	SW846 M8021

METHANE

Prep Date: 04/24/06

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methane	2100			200	20	ug/L		04/24/06	SW846 M8015	SW846 M8015

PAH/ PNA

Prep Date: 04/13/06

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1-Methylnaphthalene	92	51	170		5000	ug/L	QD	04/14/06	SW846 3510C	8270C-SIM
2-Methylnaphthalene	15	1.1	3.7		100	ug/L		04/14/06	SW846 3510C	8270C-SIM
Acenaphthene	76	41	140		5000	ug/L	QD	04/14/06	SW846 3510C	8270C-SIM
Acenaphthylene	39	0.81	2.7		100	ug/L		04/14/06	SW846 3510C	8270C-SIM
Anthracene	3.8	1.2	3.9		100	ug/L	Q	04/14/06	SW846 3510C	8270C-SIM
Benzo(a)anthracene	< 1.6	1.6	5.2		100	ug/L		04/14/06	SW846 3510C	8270C-SIM
Benzo(a)pyrene	< 1.8	1.8	6.1		100	ug/L		04/14/06	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	< 1.6	1.6	5.2		100	ug/L	Z	04/14/06	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	< 1.9	1.9	6.4		100	ug/L		04/14/06	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	< 1.9	1.9	6.4		100	ug/L	Z	04/14/06	SW846 3510C	8270C-SIM
Chrysene	< 1.9	1.9	6.3		100	ug/L		04/14/06	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	< 1.9	1.9	6.3		100	ug/L		04/14/06	SW846 3510C	8270C-SIM
Fluoranthene	5.3	1.5	5.2		100	ug/L		04/14/06	SW846 3510C	8270C-SIM
Fluorene	37	0.91	3.0		100	ug/L		04/14/06	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	< 1.9	1.9	6.3		100	ug/L		04/14/06	SW846 3510C	8270C-SIM
Naphthalene	1100	62	210		5000	ug/L	D	04/14/06	SW846 3510C	8270C-SIM
Phenanthrene	48	1.1	3.8		100	ug/L	E	04/14/06	SW846 3510C	8270C-SIM
Pyrene	2.6	1.5	4.8		100	ug/L	Q	04/14/06	SW846 3510C	8270C-SIM
Surrogate		**LCL**	**UCL**							
Nitrobenzene-d5	0	10	150		100	%	D	04/14/06	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	0	20	111		100	%	D	04/14/06	SW846 3510C	8270C-SIM
Terphenyl-d14	0	44	115		100	%	D	04/14/06	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

Analytical Report Number: 870724

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : NATURAL RESOURCE TECHNOLOGY
Project Name : WPSC - STEVEN'S POINT
Project Number : 1177
Field ID : PZ-9B

Matrix Type : WATER
Collection Date : 04/11/06
Report Date : 04/25/06
Lab Sample Number : 870724-013

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Iron - Dissolved	3200	50	170		1	ug/L		04/14/06	SW846 6010B	SW846 6010B
Alkalinity as CaCO3	110	9.7	32		1	mg/L		04/14/06	EPA 310.2	EPA 310.2
Nitrogen, NO3 + NO2	< 0.11	0.11	0.37		1	mg/L		04/17/06	EPA 353.2	EPA 353.2
Sulfate	11	0.77	2.6		1	mg/L		04/18/06	EPA 300.0	EPA 300.0

BENZENE

Prep Date: 04/14/06

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Benzene	< 0.14	0.14	0.46		1	ug/L		04/14/06	SW846 5030B	SW846 M8021
Surrogate		**LCL**	**UCL**							
a,a,a-Trifluorotoluene	98	80	124		1	%		04/14/06	SW846 5030B	SW846 M8021

METHANE

Prep Date: 04/24/06

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methane	18			10	1	ug/L		04/24/06	SW846 M8015	SW846 M8015

PAH/ PNA

Prep Date: 04/13/06

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1-Methylnaphthalene	0.86	0.051	0.17		5	ug/L	D	04/17/06	SW846 3510C	8270C-SIM
2-Methylnaphthalene	0.029	0.011	0.037		1	ug/L	Q	04/14/06	SW846 3510C	8270C-SIM
Acenaphthene	1.4	0.041	0.14		5	ug/L	D	04/17/06	SW846 3510C	8270C-SIM
Acenaphthylene	0.048	0.0081	0.027		1	ug/L		04/14/06	SW846 3510C	8270C-SIM
Anthracene	0.013	0.012	0.039		1	ug/L	Q	04/14/06	SW846 3510C	8270C-SIM
Benzo(a)anthracene	< 0.016	0.016	0.052		1	ug/L		04/14/06	SW846 3510C	8270C-SIM
Benzo(a)pyrene	< 0.018	0.018	0.061		1	ug/L		04/14/06	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	< 0.016	0.016	0.052		1	ug/L	Z	04/14/06	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	< 0.019	0.019	0.064		1	ug/L		04/14/06	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	< 0.019	0.019	0.064		1	ug/L	Z	04/14/06	SW846 3510C	8270C-SIM
Chrysene	< 0.019	0.019	0.063		1	ug/L		04/14/06	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	< 0.019	0.019	0.063		1	ug/L		04/14/06	SW846 3510C	8270C-SIM
Fluoranthene	< 0.015	0.015	0.052		1	ug/L		04/14/06	SW846 3510C	8270C-SIM
Fluorene	0.024	0.0091	0.030		1	ug/L	Q	04/14/06	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	< 0.019	0.019	0.063		1	ug/L		04/14/06	SW846 3510C	8270C-SIM
Naphthalene	0.75	0.062	0.21		5	ug/L	D	04/17/06	SW846 3510C	8270C-SIM
Phenanthrene	0.020	0.011	0.038		1	ug/L	Q	04/14/06	SW846 3510C	8270C-SIM
Pyrene	< 0.015	0.015	0.048		1	ug/L		04/14/06	SW846 3510C	8270C-SIM
Surrogate		**LCL**	**UCL**							
Nitrobenzene-d5	74	10	150		1	%		04/14/06	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	67	20	111		1	%		04/14/06	SW846 3510C	8270C-SIM
Terphenyl-d14	80	44	115		1	%		04/14/06	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

Analytical Report Number: 870724

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : NATURAL RESOURCE TECHNOLOGY
Project Name : WPSC - STEVEN'S POINT
Project Number : 1177
Field ID : OW-10

Matrix Type : WATER
Collection Date : 04/11/06
Report Date : 04/25/06
Lab Sample Number : 870724-014

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Iron - Dissolved	17000	50	170		1	ug/L		04/14/06	SW846 6010B	SW846 6010B
Alkalinity as CaCO3	890	48	160		5	mg/L		04/17/06	EPA 310.2	EPA 310.2
Nitrogen, NO3 + NO2	< 0.11	0.11	0.37		1	mg/L		04/17/06	EPA 353.2	EPA 353.2
Sulfate	4.4	0.77	2.6		1	mg/L		04/18/06	EPA 300.0	EPA 300.0

BENZENE

Prep Date: 04/14/06

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Benzene	1.8	0.14	0.46		1	ug/L		04/14/06	SW846 5030B	SW846 M8021
Surrogate		**LCL**	**UCL**							
a,a,a-Trifluorotoluene	99	80	124		1	%		04/14/06	SW846 5030B	SW846 M8021

METHANE

Prep Date: 04/24/06

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methane	3200			250	25	ug/L		04/24/06	SW846 M8015	SW846 M8015

PAH/ PNA

Prep Date: 04/13/06

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1-Methylnaphthalene	2.8	0.20	0.68		20	ug/L		04/14/06	SW846 3510C	8270C-SIM
2-Methylnaphthalene	0.35	0.22	0.75		20	ug/L	Q	04/14/06	SW846 3510C	8270C-SIM
Acenaphthene	2.4	0.16	0.54		20	ug/L		04/14/06	SW846 3510C	8270C-SIM
Acenaphthylene	0.37	0.16	0.54		20	ug/L	Q	04/14/06	SW846 3510C	8270C-SIM
Anthracene	< 0.23	0.23	0.77		20	ug/L		04/14/06	SW846 3510C	8270C-SIM
Benzo(a)anthracene	< 0.31	0.31	1.0		20	ug/L		04/14/06	SW846 3510C	8270C-SIM
Benzo(a)pyrene	< 0.37	0.37	1.2		20	ug/L		04/14/06	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	< 0.31	0.31	1.0		20	ug/L	Z	04/14/06	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	< 0.39	0.39	1.3		20	ug/L		04/14/06	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	< 0.39	0.39	1.3		20	ug/L	Z	04/14/06	SW846 3510C	8270C-SIM
Chrysene	< 0.38	0.38	1.3		20	ug/L		04/14/06	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	< 0.38	0.38	1.3		20	ug/L		04/14/06	SW846 3510C	8270C-SIM
Fluoranthene	< 0.31	0.31	1.0		20	ug/L		04/14/06	SW846 3510C	8270C-SIM
Fluorene	0.50	0.18	0.60		20	ug/L	Q	04/14/06	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	< 0.38	0.38	1.3		20	ug/L		04/14/06	SW846 3510C	8270C-SIM
Naphthalene	19	0.99	3.3		80	ug/L	D	04/14/06	SW846 3510C	8270C-SIM
Phenanthrene	< 0.23	0.23	0.76		20	ug/L		04/14/06	SW846 3510C	8270C-SIM
Pyrene	< 0.29	0.29	0.97		20	ug/L		04/14/06	SW846 3510C	8270C-SIM
Surrogate		**LCL**	**UCL**							
Nitrobenzene-d5	0	10	150		20	%	D	04/14/06	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	0	20	111		20	%	D	04/14/06	SW846 3510C	8270C-SIM
Terphenyl-d14	0	44	115		20	%	D	04/14/06	SW846 3510C	8270C-SIM

Client : NATURAL RESOURCE TECHNOLOGY
Project Name : WPSC - STEVEN'S POINT
Project Number : 1177
Field ID : PZ-10B

Matrix Type : WATER
Collection Date : 04/11/06
Report Date : 04/25/06
Lab Sample Number : 870724-015

INORGANICS

Test		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Iron - Dissolved	<	50	50	170		1	ug/L		04/14/06	SW846 6010B	SW846 6010B
Alkalinity as CaCO3		120	9.7	32		1	mg/L		04/14/06	EPA 310.2	EPA 310.2
Nitrogen, NO3 + NO2		0.17	0.11	0.37		1	mg/L	Q	04/17/06	EPA 353.2	EPA 353.2
Sulfate		16	0.77	2.6		1	mg/L		04/18/06	EPA 300.0	EPA 300.0

BENZENE

Prep Date: 04/14/06

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Benzene	<	0.14	0.14	0.46		1	ug/L		04/14/06	SW846 5030B	SW846 M8021
Surrogate			**LCL**	**UCL**							
a,a,a-Trifluorotoluene		99	80	124		1	%		04/14/06	SW846 5030B	SW846 M8021

METHANE

Prep Date: 04/24/06

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methane	<	10			10	1	ug/L		04/24/06	SW846 M8015	SW846 M8015

PAH/ PNA

Prep Date: 04/13/06

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1-Methylnaphthalene	<	0.010	0.010	0.034		1	ug/L		04/14/06	SW846 3510C	8270C-SIM
2-Methylnaphthalene		0.013	0.011	0.038		1	ug/L	Q	04/14/06	SW846 3510C	8270C-SIM
Acenaphthene	<	0.0083	0.0083	0.028		1	ug/L		04/14/06	SW846 3510C	8270C-SIM
Acenaphthylene	<	0.0083	0.0083	0.028		1	ug/L		04/14/06	SW846 3510C	8270C-SIM
Anthracene	<	0.012	0.012	0.039		1	ug/L		04/14/06	SW846 3510C	8270C-SIM
Benzo(a)anthracene	<	0.016	0.016	0.053		1	ug/L		04/14/06	SW846 3510C	8270C-SIM
Benzo(a)pyrene	<	0.019	0.019	0.062		1	ug/L		04/14/06	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	<	0.016	0.016	0.053		1	ug/L	Z	04/14/06	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	<	0.020	0.020	0.066		1	ug/L		04/14/06	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	<	0.020	0.020	0.066		1	ug/L	Z	04/14/06	SW846 3510C	8270C-SIM
Chrysene	<	0.019	0.019	0.064		1	ug/L		04/14/06	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	<	0.019	0.019	0.064		1	ug/L		04/14/06	SW846 3510C	8270C-SIM
Fluoranthene		0.020	0.016	0.053		1	ug/L	Q	04/14/06	SW846 3510C	8270C-SIM
Fluorene	<	0.0092	0.0092	0.031		1	ug/L		04/14/06	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	<	0.019	0.019	0.064		1	ug/L		04/14/06	SW846 3510C	8270C-SIM
Naphthalene		0.045	0.013	0.042		1	ug/L		04/14/06	SW846 3510C	8270C-SIM
Phenanthrene	<	0.012	0.012	0.039		1	ug/L		04/14/06	SW846 3510C	8270C-SIM
Pyrene		0.016	0.015	0.049		1	ug/L	Q	04/14/06	SW846 3510C	8270C-SIM
Surrogate			**LCL**	**UCL**							
Nitrobenzene-d5		55	10	150		1	%		04/14/06	SW846 3510C	8270C-SIM
2-Fluorobiphenyl		52	20	111		1	%		04/14/06	SW846 3510C	8270C-SIM
Terphenyl-d14		77	44	115		1	%		04/14/06	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

Analytical Report Number: 870724

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : NATURAL RESOURCE TECHNOLOGY
Project Name : WPSC - STEVEN'S POINT
Project Number : 1177
Field ID : OW-11

Matrix Type : WATER
Collection Date : 04/11/06
Report Date : 04/25/06
Lab Sample Number : 870724-016

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Iron - Dissolved	26000	50	170		1	ug/L		04/14/06	SW846 6010B	SW846 6010B
Alkalinity as CaCO3	110	9.7	32		1	mg/L		04/14/06	EPA 310.2	EPA 310.2
Nitrogen, NO3 + NO2	< 0.11	0.11	0.37		1	mg/L		04/17/06	EPA 353.2	EPA 353.2
Sulfate	5.0	0.77	2.6		1	mg/L		04/18/06	EPA 300.0	EPA 300.0

BENZENE

Prep Date: 04/14/06

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Benzene	0.26	0.14	0.46		1	ug/L	Q	04/14/06	SW846 5030B	SW846 M8021
Surrogate		**LCL**	**UCL**							
a,a,a-Trifluorotoluene	98	80	124		1	%		04/14/06	SW846 5030B	SW846 M8021

METHANE

Prep Date: 04/24/06

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methane	670			50	5	ug/L		04/24/06	SW846 M8015	SW846 M8015

PAH/ PNA

Prep Date: 04/13/06

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1-Methylnaphthalene	0.14	0.051	0.17		5	ug/L	Q	04/14/06	SW846 3510C	8270C-SIM
2-Methylnaphthalene	< 0.057	0.057	0.19		5	ug/L		04/14/06	SW846 3510C	8270C-SIM
Acenaphthene	2.0	0.041	0.14		5	ug/L		04/14/06	SW846 3510C	8270C-SIM
Acenaphthylene	0.078	0.041	0.14		5	ug/L	Q	04/14/06	SW846 3510C	8270C-SIM
Anthracene	< 0.058	0.058	0.19		5	ug/L		04/14/06	SW846 3510C	8270C-SIM
Benzo(a)anthracene	< 0.079	0.079	0.26		5	ug/L		04/14/06	SW846 3510C	8270C-SIM
Benzo(a)pyrene	< 0.093	0.093	0.31		5	ug/L		04/14/06	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	< 0.079	0.079	0.26		5	ug/L	Z	04/14/06	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	< 0.097	0.097	0.32		5	ug/L		04/14/06	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	< 0.098	0.098	0.33		5	ug/L	Z	04/14/06	SW846 3510C	8270C-SIM
Chrysene	< 0.096	0.096	0.32		5	ug/L		04/14/06	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	< 0.095	0.095	0.32		5	ug/L		04/14/06	SW846 3510C	8270C-SIM
Fluoranthene	< 0.078	0.078	0.26		5	ug/L		04/14/06	SW846 3510C	8270C-SIM
Fluorene	0.47	0.046	0.15		5	ug/L		04/14/06	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	< 0.095	0.095	0.32		5	ug/L		04/14/06	SW846 3510C	8270C-SIM
Naphthalene	1.1	0.062	0.21		5	ug/L		04/14/06	SW846 3510C	8270C-SIM
Phenanthrene	< 0.057	0.057	0.19		5	ug/L		04/14/06	SW846 3510C	8270C-SIM
Pyrene	< 0.073	0.073	0.24		5	ug/L		04/14/06	SW846 3510C	8270C-SIM
Surrogate		**LCL**	**UCL**							
Nitrobenzene-d5	62	10	150		5	%		04/14/06	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	42	20	111		5	%		04/14/06	SW846 3510C	8270C-SIM
Terphenyl-d14	87	44	115		5	%		04/14/06	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

Analytical Report Number: 870724

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : NATURAL RESOURCE TECHNOLOGY
Project Name : WPSC - STEVEN'S POINT
Project Number : 1177
Field ID : PZ-11B

Matrix Type : WATER
Collection Date : 04/11/06
Report Date : 04/25/06
Lab Sample Number : 870724-017

INORGANICS

Test		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Iron - Dissolved	<	50	50	170		1	ug/L		04/14/06	SW846 6010B	SW846 6010B
Nitrogen, NO3 + NO2		0.17	0.11	0.37		1	mg/L	Q	04/17/06	EPA 353.2	EPA 353.2

BENZENE

Prep Date: 04/14/06

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Benzene	<	0.14	0.14	0.46		1	ug/L		04/14/06	SW846 5030B	SW846 M8021
Surrogate			**LCL**	**UCL**							
a,a,a-Trifluorotoluene		99	80	124		1	%		04/14/06	SW846 5030B	SW846 M8021

METHANE

Prep Date: 04/24/06

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methane	<	10			10	1	ug/L		04/24/06	SW846 M8015	SW846 M8015

PAH/ PNA

Prep Date: 04/13/06

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1-Methylnaphthalene	<	0.010	0.010	0.034		1	ug/L		04/14/06	SW846 3510C	8270C-SIM
2-Methylnaphthalene	<	0.011	0.011	0.038		1	ug/L		04/14/06	SW846 3510C	8270C-SIM
Acenaphthene	<	0.0082	0.0082	0.027		1	ug/L		04/14/06	SW846 3510C	8270C-SIM
Acenaphthylene	<	0.0082	0.0082	0.027		1	ug/L		04/14/06	SW846 3510C	8270C-SIM
Anthracene	<	0.012	0.012	0.039		1	ug/L		04/14/06	SW846 3510C	8270C-SIM
Benzo(a)anthracene	<	0.016	0.016	0.052		1	ug/L		04/14/06	SW846 3510C	8270C-SIM
Benzo(a)pyrene	<	0.019	0.019	0.062		1	ug/L		04/14/06	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	<	0.016	0.016	0.053		1	ug/L	Z	04/14/06	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	<	0.019	0.019	0.065		1	ug/L		04/14/06	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	<	0.020	0.020	0.065		1	ug/L	Z	04/14/06	SW846 3510C	8270C-SIM
Chrysene	<	0.019	0.019	0.064		1	ug/L		04/14/06	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	<	0.019	0.019	0.063		1	ug/L		04/14/06	SW846 3510C	8270C-SIM
Fluoranthene	<	0.016	0.016	0.052		1	ug/L		04/14/06	SW846 3510C	8270C-SIM
Fluorene	<	0.0091	0.0091	0.030		1	ug/L		04/14/06	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	<	0.019	0.019	0.063		1	ug/L		04/14/06	SW846 3510C	8270C-SIM
Naphthalene		0.026	0.012	0.042		1	ug/L	Q	04/14/06	SW846 3510C	8270C-SIM
Phenanthrene		0.013	0.011	0.038		1	ug/L	Q	04/14/06	SW846 3510C	8270C-SIM
Pyrene	<	0.015	0.015	0.049		1	ug/L		04/14/06	SW846 3510C	8270C-SIM
Surrogate			**LCL**	**UCL**							
Nitrobenzene-d5		55	10	150		1	%		04/14/06	SW846 3510C	8270C-SIM
2-Fluorobiphenyl		56	20	111		1	%		04/14/06	SW846 3510C	8270C-SIM
Terphenyl-d14		88	44	115		1	%		04/14/06	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 870724

Client : NATURAL RESOURCE TECHNOLOGY
Project Name : WPSC - STEVEN'S POINT
Project Number : 1177
Field ID : OW-12

Matrix Type : WATER
Collection Date : 04/11/06
Report Date : 04/25/06
Lab Sample Number : 870724-018

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Iron - Dissolved	< 50	50	170		1	ug/L		04/14/06	SW846 6010B	SW846 6010B
Alkalinity as CaCO3	39	9.7	32		1	mg/L		04/14/06	EPA 310.2	EPA 310.2
Nitrogen, NO3 + NO2	0.20	0.11	0.37		1	mg/L	Q	04/17/06	EPA 353.2	EPA 353.2
Sulfate	7.0	0.77	2.6		1	mg/L		04/18/06	EPA 300.0	EPA 300.0

BENZENE

Prep Date: 04/14/06

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Benzene	< 0.14	0.14	0.46		1	ug/L		04/14/06	SW846 5030B	SW846 M8021
Surrogate		**LCL**	**UCL**							
a,a,a-Trifluorotoluene	98	80	124		1	%		04/14/06	SW846 5030B	SW846 M8021

METHANE

Prep Date: 04/24/06

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methane	< 10			10	1	ug/L		04/24/06	SW846 M8015	SW846 M8015

PAH/ PNA

Prep Date: 04/13/06

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1-Methylnaphthalene	< 0.010	0.010	0.034		1	ug/L		04/14/06	SW846 3510C	8270C-SIM
2-Methylnaphthalene	< 0.011	0.011	0.037		1	ug/L		04/14/06	SW846 3510C	8270C-SIM
Acenaphthene	< 0.0082	0.0082	0.027		1	ug/L		04/14/06	SW846 3510C	8270C-SIM
Acenaphthylene	0.022	0.0081	0.027		1	ug/L	Q	04/14/06	SW846 3510C	8270C-SIM
Anthracene	< 0.012	0.012	0.039		1	ug/L		04/14/06	SW846 3510C	8270C-SIM
Benzo(a)anthracene	0.026	0.016	0.052		1	ug/L	Q	04/14/06	SW846 3510C	8270C-SIM
Benzo(a)pyrene	0.023	0.018	0.061		1	ug/L	Q	04/14/06	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	0.017	0.016	0.052		1	ug/L	QZ	04/14/06	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	< 0.019	0.019	0.064		1	ug/L		04/14/06	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	0.020	0.019	0.064		1	ug/L	QZ	04/14/06	SW846 3510C	8270C-SIM
Chrysene	0.023	0.019	0.063		1	ug/L	Q	04/14/06	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	< 0.019	0.019	0.063		1	ug/L		04/14/06	SW846 3510C	8270C-SIM
Fluoranthene	0.042	0.015	0.052		1	ug/L	Q	04/14/06	SW846 3510C	8270C-SIM
Fluorene	< 0.0091	0.0091	0.030		1	ug/L		04/14/06	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	< 0.019	0.019	0.063		1	ug/L		04/14/06	SW846 3510C	8270C-SIM
Naphthalene	0.013	0.012	0.041		1	ug/L	Q	04/14/06	SW846 3510C	8270C-SIM
Phenanthrene	0.012	0.011	0.038		1	ug/L	Q	04/14/06	SW846 3510C	8270C-SIM
Pyrene	0.037	0.015	0.048		1	ug/L	Q	04/14/06	SW846 3510C	8270C-SIM
Surrogate		**LCL**	**UCL**							
Nitrobenzene-d5	54	10	150		1	%		04/14/06	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	51	20	111		1	%		04/14/06	SW846 3510C	8270C-SIM
Terphenyl-d14	76	44	115		1	%		04/14/06	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

Analytical Report Number: 870724

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : NATURAL RESOURCE TECHNOLOGY
Project Name : WPSC - STEVEN'S POINT
Project Number : 1177
Field ID : PZ-12B

Matrix Type : WATER
Collection Date : 04/11/06
Report Date : 04/25/06
Lab Sample Number : 870724-019

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Iron - Dissolved	16000	50	170		1	ug/L		04/14/06	SW846 6010B	SW846 6010B
Alkalinity as CaCO3	140	9.7	32		1	mg/L		04/14/06	EPA 310.2	EPA 310.2
Nitrogen, NO3 + NO2	< 0.11	0.11	0.37		1	mg/L		04/17/06	EPA 353.2	EPA 353.2
Sulfate	10	0.77	2.6		1	mg/L		04/18/06	EPA 300.0	EPA 300.0

BENZENE

Prep Date: 04/15/06

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Benzene	3.3	0.14	0.46		1	ug/L		04/15/06	SW846 5030B	SW846 M8021
Surrogate		**LCL**	**UCL**							
a,a,a-Trifluorotoluene	99	80	124		1	%		04/15/06	SW846 5030B	SW846 M8021

METHANE

Prep Date: 04/24/06

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methane	590			50	5	ug/L		04/24/06	SW846 M8015	SW846 M8015

PAH/ PNA

Prep Date: 04/17/06

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1-Methylnaphthalene	1.8	0.51	1.7		50	ug/L	D	04/17/06	SW846 3510C	8270C-SIM
2-Methylnaphthalene	0.29	0.011	0.037		1	ug/L		04/17/06	SW846 3510C	8270C-SIM
Acenaphthene	9.9	0.41	1.4		50	ug/L	D	04/17/06	SW846 3510C	8270C-SIM
Acenaphthylene	0.22	0.0081	0.027		1	ug/L		04/17/06	SW846 3510C	8270C-SIM
Anthracene	1.2	0.58	1.9		50	ug/L	QD	04/17/06	SW846 3510C	8270C-SIM
Benzo(a)anthracene	< 0.016	0.016	0.052		1	ug/L		04/17/06	SW846 3510C	8270C-SIM
Benzo(a)pyrene	< 0.018	0.018	0.061		1	ug/L		04/17/06	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	< 0.016	0.016	0.052		1	ug/L	Z	04/17/06	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	< 0.019	0.019	0.064		1	ug/L		04/17/06	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	< 0.019	0.019	0.064		1	ug/L	Z	04/17/06	SW846 3510C	8270C-SIM
Chrysene	< 0.019	0.019	0.063		1	ug/L		04/17/06	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	< 0.019	0.019	0.063		1	ug/L		04/17/06	SW846 3510C	8270C-SIM
Fluoranthene	1.3	0.77	2.6		50	ug/L	QD	04/17/06	SW846 3510C	8270C-SIM
Fluorene	6.0	0.45	1.5		50	ug/L	D	04/17/06	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	< 0.019	0.019	0.063		1	ug/L		04/17/06	SW846 3510C	8270C-SIM
Naphthalene	0.74	0.62	2.1		50	ug/L	QD	04/17/06	SW846 3510C	8270C-SIM
Phenanthrene	5.1	0.57	1.9		50	ug/L	D	04/17/06	SW846 3510C	8270C-SIM
Pyrene	0.94	0.015	0.048		1	ug/L	E	04/17/06	SW846 3510C	8270C-SIM
Surrogate		**LCL**	**UCL**							
Nitrobenzene-d5	102	10	150		1	%		04/17/06	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	79	20	111		1	%		04/17/06	SW846 3510C	8270C-SIM
Terphenyl-d14	92	44	115		1	%		04/17/06	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

Analytical Report Number: 870724

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : NATURAL RESOURCE TECHNOLOGY
Project Name : WPSC - STEVEN'S POINT
Project Number : 1177
Field ID : PZ-13B

Matrix Type : WATER
Collection Date : 04/11/06
Report Date : 04/25/06
Lab Sample Number : 870724-020

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Iron - Dissolved	< 50	50	170		1	ug/L		04/14/06	SW846 6010B	SW846 6010B
Alkalinity as CaCO3	170	9.7	32		1	mg/L	N	04/14/06	EPA 310.2	EPA 310.2
Nitrogen, NO3 + NO2	< 0.11	0.11	0.37		1	mg/L		04/17/06	EPA 353.2	EPA 353.2
Sulfate	17	0.77	2.6		1	mg/L		04/18/06	EPA 300.0	EPA 300.0

BENZENE

Prep Date: 04/15/06

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Benzene	< 0.14	0.14	0.46		1	ug/L		04/15/06	SW846 5030B	SW846 M8021
Surrogate		**LCL**	**UCL**							
a,a,a-Trifluorotoluene	99	80	124		1	%		04/15/06	SW846 5030B	SW846 M8021

METHANE

Prep Date: 04/24/06

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methane	< 10			10	1	ug/L		04/24/06	SW846 M8015	SW846 M8015

PAH/ PNA

Prep Date: 04/17/06

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1-Methylnaphthalene	< 0.010	0.010	0.034		1	ug/L		04/17/06	SW846 3510C	8270C-SIM
2-Methylnaphthalene	< 0.011	0.011	0.037		1	ug/L		04/17/06	SW846 3510C	8270C-SIM
Acenaphthene	< 0.0082	0.0082	0.027		1	ug/L		04/17/06	SW846 3510C	8270C-SIM
Acenaphthylene	< 0.0081	0.0081	0.027		1	ug/L		04/17/06	SW846 3510C	8270C-SIM
Anthracene	< 0.012	0.012	0.039		1	ug/L		04/17/06	SW846 3510C	8270C-SIM
Benzo(a)anthracene	< 0.016	0.016	0.052		1	ug/L		04/17/06	SW846 3510C	8270C-SIM
Benzo(a)pyrene	< 0.018	0.018	0.061		1	ug/L		04/17/06	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	< 0.016	0.016	0.052		1	ug/L	Z	04/17/06	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	< 0.019	0.019	0.064		1	ug/L		04/17/06	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	< 0.019	0.019	0.064		1	ug/L	Z	04/17/06	SW846 3510C	8270C-SIM
Chrysene	< 0.019	0.019	0.063		1	ug/L		04/17/06	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	< 0.019	0.019	0.063		1	ug/L		04/17/06	SW846 3510C	8270C-SIM
Fluoranthene	0.029	0.015	0.052		1	ug/L	Q	04/17/06	SW846 3510C	8270C-SIM
Fluorene	< 0.0091	0.0091	0.030		1	ug/L		04/17/06	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	< 0.019	0.019	0.063		1	ug/L		04/17/06	SW846 3510C	8270C-SIM
Naphthalene	< 0.012	0.012	0.041		1	ug/L		04/17/06	SW846 3510C	8270C-SIM
Phenanthrene	0.014	0.011	0.038		1	ug/L	Q	04/17/06	SW846 3510C	8270C-SIM
Pyrene	0.023	0.015	0.048		1	ug/L	Q	04/17/06	SW846 3510C	8270C-SIM
Surrogate		**LCL**	**UCL**							
Nitrobenzene-d5	67	10	150		1	%		04/17/06	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	60	20	111		1	%		04/17/06	SW846 3510C	8270C-SIM
Terphenyl-d14	93	44	115		1	%		04/17/06	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

Analytical Report Number: 870724

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : NATURAL RESOURCE TECHNOLOGY
Project Name : WPSC - STEVEN'S POINT
Project Number : 1177
Field ID : QC01

Matrix Type : WATER
Collection Date : 04/11/06
Report Date : 04/25/06
Lab Sample Number : 870724-021

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Iron - Dissolved	< 50	50	170		1	ug/L		04/18/06	SW846 6010B	SW846 6010B
Alkalinity as CaCO3	49	9.7	32		1	mg/L		04/14/06	EPA 310.2	EPA 310.2
Nitrogen, NO3 + NO2	0.27	0.11	0.37		1	mg/L	Q	04/17/06	EPA 353.2	EPA 353.2
Sulfate	2.9	0.77	2.6		1	mg/L		04/18/06	EPA 300.0	EPA 300.0

BENZENE

Prep Date: 04/15/06

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Benzene	< 0.14	0.14	0.46		1	ug/L		04/15/06	SW846 5030B	SW846 M8021
Surrogate		**LCL**	**UCL**							
a,a,a-Trifluorotoluene	99	80	124		1	%		04/15/06	SW846 5030B	SW846 M8021

METHANE

Prep Date: 04/24/06

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methane	< 10			10	1	ug/L		04/24/06	SW846 M8015	SW846 M8015

PAH/ PNA

Prep Date: 04/17/06

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1-Methylnaphthalene	0.014	0.010	0.034		1	ug/L	Q	04/17/06	SW846 3510C	8270C-SIM
2-Methylnaphthalene	0.021	0.011	0.037		1	ug/L	Q	04/17/06	SW846 3510C	8270C-SIM
Acenaphthene	0.022	0.0082	0.027		1	ug/L	Q	04/17/06	SW846 3510C	8270C-SIM
Acenaphthylene	< 0.0081	0.0081	0.027		1	ug/L		04/17/06	SW846 3510C	8270C-SIM
Anthracene	< 0.012	0.012	0.039		1	ug/L		04/17/06	SW846 3510C	8270C-SIM
Benzo(a)anthracene	< 0.016	0.016	0.052		1	ug/L		04/17/06	SW846 3510C	8270C-SIM
Benzo(a)pyrene	< 0.018	0.018	0.061		1	ug/L		04/17/06	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	< 0.016	0.016	0.052		1	ug/L	Z	04/17/06	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	< 0.019	0.019	0.064		1	ug/L		04/17/06	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	< 0.019	0.019	0.064		1	ug/L	Z	04/17/06	SW846 3510C	8270C-SIM
Chrysene	< 0.019	0.019	0.063		1	ug/L		04/17/06	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	< 0.019	0.019	0.063		1	ug/L		04/17/06	SW846 3510C	8270C-SIM
Fluoranthene	< 0.015	0.015	0.052		1	ug/L		04/17/06	SW846 3510C	8270C-SIM
Fluorene	0.015	0.0091	0.030		1	ug/L	Q	04/17/06	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	< 0.019	0.019	0.063		1	ug/L		04/17/06	SW846 3510C	8270C-SIM
Naphthalene	0.098	0.012	0.041		1	ug/L		04/17/06	SW846 3510C	8270C-SIM
Phenanthrene	0.027	0.011	0.038		1	ug/L	Q	04/17/06	SW846 3510C	8270C-SIM
Pyrene	< 0.015	0.015	0.048		1	ug/L		04/17/06	SW846 3510C	8270C-SIM
Surrogate		**LCL**	**UCL**							
Nitrobenzene-d5	48	10	150		1	%		04/17/06	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	44	20	111		1	%		04/17/06	SW846 3510C	8270C-SIM
Terphenyl-d14	69	44	115		1	%		04/17/06	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 870724

Client : NATURAL RESOURCE TECHNOLOGY
Project Name : WPSC - STEVEN'S POINT
Project Number : 1177
Field ID : QC02

Matrix Type : WATER
Collection Date : 04/11/06
Report Date : 04/25/06
Lab Sample Number : 870724-022

BENZENE

Prep Date: 04/15/06

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Benzene	<	0.14	0.14	0.46		1	ug/L		04/15/06	SW846 5030B	SW846 M8021
Surrogate			**LCL**	**UCL**							
a,a,a-Trifluorotoluene		98	80	124		1	%		04/15/06	SW846 5030B	SW846 M8021

PAH/ PNA

Prep Date: 04/17/06

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1-Methylnaphthalene	<	0.010	0.010	0.034		1	ug/L		04/17/06	SW846 3510C	8270C-SIM
2-Methylnaphthalene	<	0.011	0.011	0.037		1	ug/L		04/17/06	SW846 3510C	8270C-SIM
Acenaphthene	<	0.0082	0.0082	0.027		1	ug/L		04/17/06	SW846 3510C	8270C-SIM
Acenaphthylene		0.017	0.0081	0.027		1	ug/L	Q	04/17/06	SW846 3510C	8270C-SIM
Anthracene	<	0.012	0.012	0.039		1	ug/L		04/17/06	SW846 3510C	8270C-SIM
Benzo(a)anthracene		0.038	0.016	0.052		1	ug/L	Q	04/17/06	SW846 3510C	8270C-SIM
Benzo(a)pyrene		0.031	0.018	0.061		1	ug/L	Q	04/17/06	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene		0.021	0.016	0.052		1	ug/L	QZ	04/17/06	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	<	0.019	0.019	0.064		1	ug/L		04/17/06	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene		0.027	0.019	0.064		1	ug/L	QZ	04/17/06	SW846 3510C	8270C-SIM
Chrysene		0.034	0.019	0.063		1	ug/L	Q	04/17/06	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	<	0.019	0.019	0.063		1	ug/L		04/17/06	SW846 3510C	8270C-SIM
Fluoranthene		0.064	0.015	0.052		1	ug/L		04/17/06	SW846 3510C	8270C-SIM
Fluorene	<	0.0091	0.0091	0.030		1	ug/L		04/17/06	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	<	0.019	0.019	0.063		1	ug/L		04/17/06	SW846 3510C	8270C-SIM
Naphthalene	<	0.012	0.012	0.041		1	ug/L		04/17/06	SW846 3510C	8270C-SIM
Phenanthrene		0.014	0.011	0.038		1	ug/L	Q	04/17/06	SW846 3510C	8270C-SIM
Pyrene		0.054	0.015	0.048		1	ug/L		04/17/06	SW846 3510C	8270C-SIM
Surrogate			**LCL**	**UCL**							
Nitrobenzene-d5		46	10	150		1	%		04/17/06	SW846 3510C	8270C-SIM
2-Fluorobiphenyl		44	20	111		1	%		04/17/06	SW846 3510C	8270C-SIM
Terphenyl-d14		67	44	115		1	%		04/17/06	SW846 3510C	8270C-SIM

Client : NATURAL RESOURCE TECHNOLOGY
Project Name : WPSC - STEVEN'S POINT
Project Number : 1177
Field ID : TRIP BLANK

Matrix Type : WATER
Collection Date : 04/11/06
Report Date : 04/25/06
Lab Sample Number : 870724-023

BENZENE

Prep Date: 04/15/06

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Benzene	<	0.14	0.14	0.46		1	ug/L		04/15/06	SW846 5030B	SW846 M8021
Surrogate			**LCL**	**UCL**							
a,a,a-Trifluorotoluene		100	80	124		1	%		04/15/06	SW846 5030B	SW846 M8021

Qualifier Codes

Flag	Applies To	Explanation
A	Inorganic	Analyte is detected in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
B	Inorganic	The analyte has been detected between the method detection limit and the reporting limit.
B	Organic	Analyte is present in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
C	All	Elevated detection limit.
D	All	Analyte value from diluted analysis or surrogate result not applicable due to sample dilution.
E	Inorganic	Estimated concentration due to matrix interferences. During the metals analysis the serial dilution failed to meet the established control limits of 0-10%. The sample concentration is greater than 50 times the IDL for analysis done on the ICP or 100 times the IDL for analysis done on the ICP-MS. The result was flagged with the E qualifier to indicate that a physical interference was observed.
E	Organic	Analyte concentration exceeds calibration range.
F	Inorganic	Due to potential interferences for this analysis by Inductively Coupled Plasma techniques (SW-846 Method 6010), this analyte has been confirmed by and reported from an alternate method.
F	Organic	Surrogate results outside control criteria.
G	All	The result is estimated because the concentration is less than the lowest calibration standard concentration utilized in the initial calibration. The method detection limit is less than the reporting limit specified for this project.
H	All	Preservation, extraction or analysis performed past holding time.
HF	Inorganic	This test is considered a field parameter, and the recommended holding time is 15 minutes from collection. The analysis was performed in the laboratory beyond the recommended holding time.
J	All	Concentration detected equal to or greater than the method detection limit but less than the reporting limit.
K	Inorganic	Sample received unpreserved. Sample was either preserved at the time of receipt or at the time of sample preparation.
K	Organic	Detection limit may be elevated due to the presence of an unrequested analyte.
L	All	Elevated detection limit due to low sample volume.
M	Organic	Sample pH was greater than 2
N	All	Spiked sample recovery not within control limits.
O	Organic	Sample received overweight.
P	Organic	The relative percent difference between the two columns for detected concentrations was greater than 40%.
Q	All	The analyte has been detected between the limit of detection (LOD) and limit of quantitation (LOQ). The results are qualified due to the uncertainty of analyte concentrations within this range.
S	Organic	The relative percent difference between quantitation and confirmation columns exceeds internal quality control criteria. Because the result is unconfirmed, it has been reported as a non-detect with an elevated detection limit.
U	All	The analyte was not detected at or above the reporting limit.
V	All	Sample received with headspace.
W	All	A second aliquot of sample was analyzed from a container with headspace.
X	All	See Sample Narrative.
Z	Organics	This compound was separated in the check standard but it did not meet the resolution criteria as set forth in SW846.
&	All	Laboratory Control Spike recovery not within control limits.
*	All	Precision not within control limits.
+	Inorganic	The sample result is greater than four times the spike level: therefore, the percent recovery is not evaluated.
<	All	The analyte was not detected at or above the reporting limit.
1	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses passed QC based on precision criteria.
2	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses failed QC based on precision criteria.
3	Inorganic	BOD result is estimated due to the BOD blank exceeding the allowable oxygen depletion.
4	Inorganic	BOD duplicate precision not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
5	Inorganic	BOD result is estimated due to insufficient oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
6	Inorganic	BOD laboratory control sample not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
7	Inorganic	BOD result is estimated due to complete oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.

Pace Analytical Services, Inc.

Analysis Summary by Laboratory

1241 Bellevue Street
Green Bay, WI 54302

Test Group Name	870724-001	870724-002	870724-003	870724-004	870724-005	870724-006	870724-007	870724-008	870724-009	870724-010	870724-011	870724-012	870724-013	870724-014	870724-015	870724-016	870724-017	870724-018	870724-019	870724-020	870724-021	870724-022	870724-023
ALKALINITY AS CACO3	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B		B	B	B	B		
BENZENE	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
IRON - DISSOLVED	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B		
METHANE	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G		
NITROGEN, NO3 + NO2	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B		
PAH/ PNA	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	
SULFATE	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B		B	B	B	B		

Code	Facility	Address	WI Certification
B	Green Bay Lab (Bellevue St)	1241 Bellevue Street, Suite 9 Green Bay, WI 54302	405132750 / DATCP: 105-444
G	Green Bay Lab (Industrial Dr)	1795 Industrial Drive Green Bay, WI 54302	405132750

Sample Condition Upon Receipt

Pace Analytical

Client Name: NRT **Project #** 870724

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☒ Pace Other________

Custody Seal on Cooler/Box Present: ☐ yes ☒ no Seals intact: ☐ yes ☐ no

Optional
Proj. Due Date:
Proj. Name:

Packing Material: ☐ Bubble Wrap ☒ Bubble Bags ☐ None ☐ Other________

Thermometer Used N/A **Type of Ice:** [✓ Wet] Blue None ☒ Samples on ice, cooling process has begun

Cooler Temperature R01 **Biological Tissue is Frozen:** Yes No

Temp should be above freezing to 6°C

Date and Initials of person examining contents: CS 4/12/06

Comments:

Chain of Custody Present:	☒Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☒Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☒Yes ☐No ☐N/A	**3.**
Sampler Name & Signature on COC:	☒Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☒Yes ☐No ☐N/A	5.
Short Hold Time Analysis (<72hr):	☐Yes ☒No ☐N/A	**6.**
Rush Turn Around Time Requested:	☐Yes ☒No ☐N/A	**7.**
Sufficient Volume:	☒Yes ☐No ☐N/A	8.
Correct Containers Used:	☒Yes ☐No ☐N/A	9.
-Pace Containers Used:	☒Yes ☐No ☐N/A	
Containers Intact:	☒Yes ☐No ☐N/A	10.
Filtered volume received for Dissolved tests	☒Yes ☐No ☐N/A	11.
Sample Labels match COC:	☒Yes ☐No ☐N/A	12.
-Includes date/time/ID/Analysis Matrix: W		
All containers needing preservation have been checked.	☒Yes ☐No ☐N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	☒Yes ☐No ☐N/A	CS
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☐Yes ☐No	Initial when completed
Samples checked for dechlorination:	☐Yes ☒No ☐N/A	**14.**
Headspace in VOA Vials (>6mm):	☐Yes ☒No ☐N/A	**15.**
Trip Blank Present:	☒Yes ☐No ☐N/A	**16.**
Trip Blank Custody Seals Present	☒Yes ☐No ☐N/A	
Pace Trip Blank Lot # (if purchased): 103105-3		

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: ______________ Date/Time: ______________

Comments/ Resolution: #01A - in lab rec'd 1-250 ml labeled as for Alk, SO4, it is HNO3 pres. volume. No unpreserved volume rec'd for those analytes. 4/[illegible]/06

Per Jody - Canceled ALK & SO4 4/19/06

Project Manager Review: TM **Date:** 4-12-06

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

Pace Analytical®

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: 1 of 2

0952597

Section A
Required Client Information:

Company: Natural Resource Technology
Address: 23713 W. Paul Road
Pewaukee, WI 53072
Email To: sbarbeau@naturalrt.com
Phone: 262-522-1206
Fax: 262-~~[illegible]~~ 523-4001
Requested Due Date/TAT:

Section B
Required Project Information:

Report To: Jody Barbeau
Copy To: Eric Kovatch
Purchase Order No.:
Project Name: WPSC - Stevens Point
Project Number: 1177

Section C
Invoice Information:

Attention: Eric Kovatch
Company Name: Natural Resource Technology
Address: 23713 W. Paul Road, Pewaukee
Pace Quote Reference:
Pace Project Manager: Tom Trainor
Pace Profile #:

REGULATORY AGENCY

☐ NPDES ☒ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ Other ______

SITE LOCATION

☐ GA ☐ IL ☐ IN ☐ MI ☐ MN ☐ NC
☐ OH ☐ SC ☒ WI ☐ OTHER ______

Section D
Required Client Information

SAMPLE ID

One Character per box.
(A-Z, 0-9 / ,-)
Samples IDs MUST BE UNIQUE

Valid Matrix Codes

MATRIX	CODE
DRINKING WATER	DW
WATER	WT
WASTE WATER	WW
PRODUCT	P
SOIL/SOLID	SL
OIL	OL
WIPE	WP
AIR	AR
OTHER	OT
TISSUE	TS

Preservatives: Unpreserved 1L Amber/250mL Poly; HNO3 250mL Poly; HCl 3 40mL vials

Pace Project Number: 870724

ITEM #	SAMPLE ID	MATRIX CODE	SAMPLE TYPE G=GRAB C=COMP	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Benzene 8021B	PAHs 8310	Iron, dissolved 6010	Alkalinity EPA 310.2	Methane 8015 mod	Nitrate nitrite 360.0	Sulfate EPA 300.0	Residual Chlorine (Y/N)	Pace Project Number Lab I.D
Filtered (Y/N)																		N	N	Y	N	N	N	N		
1	OW-1 001	WT	G			4-11-06	1113		10	2	1	1	6					X	X	X	X	X	X	X		1-250mL Poly (H2SO4)
2	OW-2 002	WT	G			4-11-06	1046		10	2	1	1	6					X	X	X	X	X	X	X		
3	OW-3R 003	WT	G			4-11-06	0910		10	2	1	1	6					X	X	X	X	X	X	X		
4	PZ-3B 004	WT	G			4-11-06	0907		10	2	1	1	6					X	X	X	X	X	X	X		
5	OW-4 005	WT	G			4-11-06	1108		10	2	1	1	6					X	X	X	X	X	X	X		
6	OW-5R 006	WT	G			4-11-06	1138		10	2	1	1	6					X	X	X	X	X	X	X		
7	P-5B 007	WT	G			4-11-06	1145		10	2	1	1	6					X	X	X	X	X	X	X		
8	OW-6 008	WT	G			4-11-06	1048		10	2	1	1	6					X	X	X	X	X	X	X		1-500mL Poly (H2SO4)
9	OW-7A 009	WT	G			4-11-06	0843		10	2	1	1	6					X	X	X	X	X	X	X		
10	PZ-7B 010	WT	G			4-11-06	0845		10	2	1	1	6					X	X	X	X	X	X	X		
11	OW-8 011	WT	G			4-11-06	1018		10	2	1	1	6					X	X	X	X	X	X	X		1-500mL Poly (H2SO4)
12	OW-9 012	WT	G			4-11-06	0745		10	2	1	1	6					X	X	X	X	X	X	X		

Additional Comments:
dissolved iron field filtered

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITION Temp in °C	Received on Ice	Custody Sealed Cooler	Samples Intact
Jody Barbeau / NRT	4-11-06	11:15	D. Muelke	4-12-6	11:15		Y/N	Y/N	Y/N
D. Muelke	4-12-6	14:50	C. Schufelbein	4/12/06	1450	R01	[✓ Y]/N	[✓ Y]/N	[✓ Y]/N
							Y/N	Y/N	Y/N
							Y/N	Y/N	Y/N

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Jody Barbeau
SIGNATURE of SAMPLER: J. Barbeau
DATE Signed (MM / DD / YY): 4/11/2006

5 Coolers

SEE REVERSE SIDE FOR INSTRUCTIONS

ORIGINAL

Pace Analytical®

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: 2 of 2

0952598

Section A
Required Client Information:

Company: Natural Resource Technology
Address: 23713 W. Paul Road
Pewaukee, WI 53072
Email To: Jbarbeau@naturalrt.com
Phone: 262-522-1606
Fax: 262-523-9001
Requested Due Date/TAT:

Section B
Required Project Information:

Report To: Jody Barbeau
Copy To: Eric Kountch
Purchase Order No.:
Project Name: WPSC - Stevens Point
Project Number: 1177

Section C
Invoice Information:

Attention: Eric Kountch
Company Name: Natural Resource Technology
Address: 23713 W. Paul Road, Pewaukee
Pace Quote Reference:
Pace Project Manager: Tom Trainor
Pace Profile #:

REGULATORY AGENCY

☐ NPDES ☒ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ Other________

SITE LOCATION

☐GA ☐IL ☐IN ☐MI ☐MN ☐NC
☐OH ☐SC ☒WI ☐OTHER ______

Section D
Required Client Information

SAMPLE ID
One Character per box.
(A-Z, 0-9 / .-)
Samples IDs MUST BE UNIQUE

Valid Matrix Codes MATRIX	CODE
DRINKING WATER	DW
WATER	WT
WASTE WATER	WW
PRODUCT	P
SOIL/SOLID	SL
OIL	OL
WIPE	WP
AIR	AR
OTHER	OT
TISSUE	TS

Preservatives: Unpreserved 1L Amb / 250mL Poly; HNO3 250mL Poly; HCl 40mL Vials

Pace Project Number: 870724

					COLLECTED						Preservatives								Filtered (Y/N) → Requested Analysis:	N	Y	N	N	N	N		
					COMPOSITE START		COMPOSITE END/GRAB																				
ITEM #	SAMPLE ID		MATRIX CODE	SAMPLE TYPE G=GRAB C=COMP	DATE	TIME	DATE	TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Benzene (8021B)	PAHs 8310	Iron, dissolved 6010	Alkalinity EPA 310.2	Methane 8015 mod	Nitrate + Nitrite 300	Sulfate EPA 300	Residual Chlorine (Y/N)	Pace Project Number Lab I.D
1	PZ-9B	013	wt	G			4-11-06	0748		10	2	1	1	6					X	X	X	X	X	X	X		1-250mL Poly (H_2SO_4)
2	OW-10	014	wt	G			4-11-06	0715		10	2	1	1	6					X	X	X	X	X	X	X		
3	PZ-10B	015	wt	G			4-11-06	0725		10	2	1	1	6					X	X	X	X	X	X	X		
4	OW-11	016	wt	G			4-11-06	0815		10	2	1	1	6					X	X	X	X	X	X	X		1-500mL Poly (H_2SO_4)
5	PZ-11B	017	wt	G			4-11-06	0823		10	2	1	1	6					X	X	X	~~X~~ ①	X	X	~~X~~ ①		
6	OW-12	018	wt	G			4-11-06	0950		10	2	1	1	6					X	X	X	X	X	X	X		
7	PZ-12B	019	wt	G			4-11-06	0957		10	2	1	1	6					X	X	X	X	X	X	X		1-250mL Poly (H_2SO_4)
8	PZ-13B	020	wt	G			4-11-06	1015		10	2	1	1	6					X	X	X	X	X	X	X		
9	QC01	021	wt	G			4-11-06			10	2	1	1	6					X	X	X	X	X	X	X		
10	QC02	022	wt	G			4-11-06			4	1			3.					X	X							
11	TripBlank	023	wt	C										1					X								
12																											

Additional Comments:

dissolved Iron field filtered

① Per Jody - Canceled ALK & SO4.
KK 4/19/06

5 coolers

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITION			
Jody Barbeau / NRT	4-12-06	11:15	D. Mielke	4-12-6	11:15		Y/N	Y/N	Y/N
D. Mielke	4-12-6	14:50	C. Schufeldein	4/12/06	1450	R01	Y/N [✓ Y]	Y/N [✓ N]	Y/N [✓ Y]
							Y/N	Y/N	Y/N
							Y/N	Y/N	Y/N
						Temp in °C	Received on Ice	Custody Sealed Cooler	Samples Intact

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Jody Barbeau
SIGNATURE of SAMPLER: JB
DATE Signed (MM / DD / YY): [illegible] 2006

SEE REVERSE SIDE FOR INSTRUCTIONS

ORIGINAL

APPENDIX F

MANN KENDALL STATISTICAL ANALYSES FOR SELECT SITE WELLS

State of Wisconsin
Department of Natural Resources
Remediation and Redevelopment Program

Mann-Kendall Statistical Test
Form 4400-215 (2/2001)

Notice: This form is the DNR supplied spreadsheet referenced in Appendices A of Comm 46 and NR 746, Wis. Adm. Code. It is provided to consultants as an optional tool for groundwater contaminant trend analysis to support site closure requests under s. Comm 46.07, Comm 46.08, NR 746.07, NR 746.08, Wis. Adm. Code. Use this form or a manual method when seeking case closure under those rules. Earlier versions of this form should not be used.

Instructions: Do not change formulas or other information in cells with a blue background, only cells with a yellow background are used for data entry. To use the spreadsheet, provide at least four rounds and not more than ten rounds of data that is not seasonally affected. Use consistent units. The spreadsheet contains several error checks, and a data entry error may cause "DATA ERR" or "DATE ERR" to be displayed. Dates that are not consecutive will show an error message and will not display the test results. The spreadsheet tests the data for both increasing and decreasing trends at both 80 percent and 90 percent confidence levels. If a declining trend is present at 80 percent but not at 90 percent, a site is still eligible for closure under Comm 46 and NR 746 provided that other conditions in those rules are met. If an increasing or decreasing trend is not present, an additional coefficient of variation test is used to test for stability, as proposed by Wiedemeier et al, 1999. For additional information, refer to the Interim Guidance on Natural Attenuation for Petroleum Releases, dated October 1999. Refer to the guidance for recommendations on data entry for non-detect values.

Site Name : WPSC - Steven Point Former MGP Site
BRRTS No. = 02-50-000079
Well Number = OW-3R

	Compound ->	Napthalene					
Event Number	Sampling Date (most recent last)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)
1	1-Feb-00	950.00					
2	31-May-00	432.00					
3	31-Aug-00	363.00					
4	21-Nov-00	150.00					
5	2-Apr-02	88.00					
6	28-Oct-02	260.00					
7	16-Jun-03	2.90					
8	20-Nov-03	76.00					
9	11-Apr-05	1.70					
10	11-Apr-06	0.11					
	Mann Kendall Statistic (S) =	-39.0	0.0	0.0	0.0	0.0	0.0
	Number of Rounds (n) =	10	0	0	0	0	0
	Average =	232.37	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
	Standard Deviation =	295.252	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
	Coefficient of Variation(CV)=	1.271	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Error Check, Blank if No Errors Detected			n<4	n<4	n<4	n<4	n<4
Trend ≥ 80% Confidence Level		**DECREASING**	n<4	n<4	n<4	n<4	n<4
Trend ≥ 90% Confidence Level		**DECREASING**	n<4	n<4	n<4	n<4	n<4
Stability Test, If No Trend Exists at 80% Confidence Level		NA	n<4 n<4	n<4 n<4	n<4 n<4	n<4 n<4	n<4 n<4

Data Entry By = PAR
Date = 16-May-06
Checked By = EPK

State of Wisconsin
Department of Natural Resources
Remediation and Redevelopment Program

Mann-Kendall Statistical Test
Form 4400-215 (2/2001)

Notice: This form is the DNR supplied spreadsheet referenced in Appendices A of Comm 46 and NR 746, Wis. Adm. Code. It is provided to consultants as an optional tool for groundwater contaminant trend analysis to support site closure requests under s. Comm 46.07, Comm 46.08, NR 746.07, NR 746.08, Wis. Adm. Code. Use this form or a manual method when seeking case closure under those rules. Earlier versions of this form should not be used.

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Site Name = WPSC - Steven Point Former MGP Site | BRRTS No. = 02-50-000079 | Well Number = OW-5R

	Compound ->	Benzene	Napthalene				
Event Number	Sampling Date (most recent last)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)
1	20-Nov-03	34.00	34.00				
2	20-Apr-04	1.50	5.70				
3	20-Jul-04	4.10	11.00				
4	12-Oct-04	65.00	230.00				
5	25-Jan-05	77.00	220.00				
6	11-Apr-05	1.80	6.00				
7	11-Jul-05	10.00	15.00				
8	3-Oct-05	1.70	0.24				
9	5-Jan-06	1.40	0.54				
10	11-Apr-06	15.00	2.80				
	Mann Kendall Statistic (S) =	-7.0	-17.0	0.0	0.0	0.0	0.0
	Number of Rounds (n) =	10	10	0	0	0	0
	Average =	21.15	52.53	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
	Standard Deviation =	28.263	91.462	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
	Coefficient of Variation(CV)=	1.336	1.741	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Error Check, Blank if No Errors Detected				n<4	n<4	n<4	n<4
Trend ≥ 80% Confidence Level		No Trend	**DECREASING**	n<4	n<4	n<4	n<4
Trend ≥ 90% Confidence Level		No Trend	**DECREASING**	n<4	n<4	n<4	n<4
Stability Test, If No Trend Exists at		**CV > 1**		n<4	n<4	n<4	n<4
80% Confidence Level		**NON-STABLE**	NA	n<4	n<4	n<4	n<4

Data Entry By = PAR | Date = 16-May-06 | Checked By = EPK

State of Wisconsin
Department of Natural Resources
Remediation and Redevelopment Program

Mann-Kendall Statistical Test
Form 4400-215 (2/2001)

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Site Name : WPSC - Steven Point Former MGP Site
BRRTS No. = 02-50-000079
Well Number = OW-5R

	Compound ->	Benzene					
Event Number	Sampling Date (most recent last)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)
1	31-May-00	66.00					
2	2-Apr-02	36.00					
3	16-Jun-03	2.10					
4	20-Apr-04	1.50					
5	11-Apr-05	1.80					
6	11-Apr-06	15.00					
7							
8							
9							
10							
	Mann Kendall Statistic (S) =	-7.0	0.0	0.0	0.0	0.0	0.0
	Number of Rounds (n) =	6	0	0	0	0	0
	Average =	20.40	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
	Standard Deviation =	26.038	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
	Coefficient of Variation(CV)=	1.276	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Error Check, Blank if No Errors Detected			n<4	n<4	n<4	n<4	n<4
Trend ≥ 80% Confidence Level		**DECREASING**	n<4	n<4	n<4	n<4	n<4
Trend ≥ 90% Confidence Level		No Trend	n<4	n<4	n<4	n<4	n<4
Stability Test, If No Trend Exists at			n<4	n<4	n<4	n<4	n<4
80% Confidence Level		NA	n<4	n<4	n<4	n<4	n<4

Data Entry By = PAR
Date = 16-May-06
Checked By = EPK

State of Wisconsin
Department of Natural Resources
Remediation and Redevelopment Program

Mann-Kendall Statistical Test
Form 4400-215 (2/2001)

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Site Name : WPSC - Steven Point Former MGP Site | BRRTS No. = 02-50-000079 | Well Number = P-5B

Event Number	Compound -> Sampling Date (most recent last)	Benzene Concentration (leave blank if no data)	Napthalene Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)
1	20-Nov-03	13.00	4,800.00				
2	20-Apr-04	13.00	1,700.00				
3	20-Jul-04	9.60	1.15				
4	12-Oct-04	14.00	1,500.00				
5	25-Jan-05	13.00	3,300.00				
6	11-Apr-05	6.70	2.25				
7	11-Jul-05	9.50	430.00				
8	3-Oct-05	8.40	440.00				
9	5-Jan-06	2.80	0.13				
10	11-Apr-06	3.50	34.00				
	Mann Kendall Statistic (S) =	-28.0	-19.0	0.0	0.0	0.0	0.0
	Number of Rounds (n) =	10	10	0	0	0	0
	Average =	9.35	1220.75	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
	Standard Deviation =	4.038	1651.508	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
	Coefficient of Variation(CV)=	0.432	1.353	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Error Check, Blank if No Errors Detected				n<4	n<4	n<4	n<4
Trend ≥ 80% Confidence Level		**DECREASING**	**DECREASING**	n<4	n<4	n<4	n<4
Trend ≥ 90% Confidence Level		**DECREASING**	**DECREASING**	n<4	n<4	n<4	n<4
Stability Test, If No Trend Exists at 80% Confidence Level		NA	NA	n<4 n<4	n<4 n<4	n<4 n<4	n<4 n<4

Data Entry By = PAR | Date = 16-May-06 | Checked By = EPK

State of Wisconsin
Department of Natural Resources
Remediation and Redevelopment Program

Mann-Kendall Statistical Test
Form 4400-215 (2/2001)

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Site Name : WPSC - Steven Point Former MGP Site
BRRTS No. = 02-50-000079
Well Number = OW-6

	Compound ->	Benzene	Naphthalene				
Event Number	Sampling Date (most recent last)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)
1	31-Aug-00	9.70	2,280.00				
2	21-Nov-00	5.00	477.00				
3	2-Apr-02	7.30	160.00				
4	28-Oct-02	4.20	1,800.00				
5	16-Jun-03	6.10	1.90				
6	20-Nov-03	5.40	370.00				
7	20-Jul-04	0.77	190.00				
8	11-Apr-05	5.70	45.00				
9	3-Oct-05	3.45	1,800.00				
10	11-Apr-06	5.00	51.00				
	Mann Kendall Statistic (S) =	-18.0	-14.0	0.0	0.0	0.0	0.0
	Number of Rounds (n) =	10	10	0	0	0	0
	Average =	5.26	717.49	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
	Standard Deviation =	2.345	879.472	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
	Coefficient of Variation(CV)=	0.446	1.226	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Error Check, Blank if No Errors Detected				n<4	n<4	n<4	n<4
Trend ≥ 80% Confidence Level		**DECREASING**	**DECREASING**	n<4	n<4	n<4	n<4
Trend ≥ 90% Confidence Level		**DECREASING**	No Trend	n<4	n<4	n<4	n<4
Stability Test, If No Trend Exists at 80% Confidence Level		NA	NA	n<4 n<4	n<4 n<4	n<4 n<4	n<4 n<4

Data Entry By = PAR
Date = 16-May-06
Checked By = EPK

State of Wisconsin
Department of Natural Resources
Remediation and Redevelopment Program

Mann-Kendall Statistical Test
Form 4400-215 (2/2001)

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Site Name : WPSC - Steven Point Former MGP Site
BRRTS No. = 02-50-000079
Well Number = OW-7A

Event Number	Compound -> Sampling Date (most recent last)	Benzene Concentration (leave blank if no data)	Napthalene Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)
1	20-Nov-03	14.00	300.00				
2	20-Apr-04	8.30	5.00				
3	20-Jul-04	13.00	360.00				
4	12-Oct-04	18.00	510.00				
5	25-Jan-05	16.00	400.00				
6	11-Apr-05	8.10	65.00				
7	11-Jul-05	15.00	260.00				
8	3-Oct-05	14.00	400.00				
9	5-Jan-06	13.00	110.00				
10	11-Apr-06	7.80	200.00				
	Mann Kendall Statistic (S) =	-11.0	-2.0	0.0	0.0	0.0	0.0
	Number of Rounds (n) =	10	10	0	0	0	0
	Average =	12.72	261.00	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
	Standard Deviation =	3.533	164.127	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
	Coefficient of Variation(CV)=	0.278	0.629	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Error Check, Blank if No Errors Detected				n<4	n<4	n<4	n<4
Trend ≥ 80% Confidence Level		**DECREASING**	No Trend	n<4	n<4	n<4	n<4
Trend ≥ 90% Confidence Level		No Trend	No Trend	n<4	n<4	n<4	n<4
Stability Test, If No Trend Exists at 80% Confidence Level			**CV <= 1**	n<4	n<4	n<4	n<4
		NA	**STABLE**	n<4	n<4	n<4	n<4

Data Entry By = PAR
Date = 16-May-06
Checked By = EPK

State of Wisconsin
Department of Natural Resources
Remediation and Redevelopment Program

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Site Name = WPSC - Steven Point Former MGP Site
BRRTS No. = 02-50-000079
Well Number = PZ-7B

	Compound ->	Napthalene					
Event Number	Sampling Date (most recent last)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)
1	20-Nov-03	2,700.00					
2	20-Apr-04	48.00					
3	20-Jul-04	62.00					
4	12-Oct-04	980.00					
5	25-Jan-05	2,800.00					
6	11-Apr-05	700.00					
7	11-Jul-05	1,200.00					
8	3-Oct-05	890.00					
9	5-Jan-06	1,600.00					
10	11-Apr-06	590.00					
	Mann Kendall Statistic (S) =	3.0	0.0	0.0	0.0	0.0	0.0
	Number of Rounds (n) =	10	0	0	0	0	0
	Average =	1157.00	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
	Standard Deviation =	962.650	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
	Coefficient of Variation(CV)=	0.832	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Error Check, Blank if No Errors Detected			n<4	n<4	n<4	n<4	n<4
Trend ≥ 80% Confidence Level		No Trend	n<4	n<4	n<4	n<4	n<4
Trend ≥ 90% Confidence Level		No Trend	n<4	n<4	n<4	n<4	n<4
Stability Test, If No Trend Exists at 80% Confidence Level		**CV <= 1** **STABLE**	n<4 n<4	n<4 n<4	n<4 n<4	n<4 n<4	n<4 n<4

Data Entry By = PAR
Date = 16-May-06
Checked By = EPK

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Department of Natural Resources
Remediation and Redevelopment Program

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Site Name = WPSC - Steven Point Former MGP Site

BRRTS No. = 02-50-000079

Well Number = PZ-7B

	Compound ->	Napthalene					
Event Number	Sampling Date (most recent last)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)
1	23-Jun-99	970.00					
2	31-May-00	1,700.00					
3	2-Apr-02	2,300.00					
4	16-Jun-03	630.00					
5	20-Apr-04	48.00					
6	11-Apr-05	700.00					
7	11-Apr-06	590.00					
8							
9							
10							
	Mann Kendall Statistic (S) =	-9.0	0.0	0.0	0.0	0.0	0.0
	Number of Rounds (n) =	7	0	0	0	0	0
	Average =	991.14	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
	Standard Deviation =	761.758	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
	Coefficient of Variation(CV)=	0.769	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Error Check, Blank if No Errors Detected			n<4	n<4	n<4	n<4	n<4
Trend ≥ 80% Confidence Level		**DECREASING**	n<4	n<4	n<4	n<4	n<4
Trend ≥ 90% Confidence Level		No Trend	n<4	n<4	n<4	n<4	n<4
Stability Test, If No Trend Exists at 80% Confidence Level		NA	n<4 n<4	n<4 n<4	n<4 n<4	n<4 n<4	n<4 n<4

Data Entry By = PAR

Date = 16-May-06

Checked By = EPK

State of Wisconsin
Department of Natural Resources
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Site Name = WPSC - Steven Point Former MGP Site | BRRTS No. = 02-50-000079 | Well Number = OW-9

	Compound ->	Benzene	Napthalene				
Event Number	Sampling Date (most recent last)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)
1	31-Aug-00	409.00	2,990.00				
2	21-Nov-00	259.00	1,920.00				
3	2-Apr-02	100.00	590.00				
4	28-Oct-02	6.10	5.50				
5	16-Jun-03	8.90	35.00				
6	20-Nov-03	100.00	78.00				
7	20-Jul-04	98.00	110.00				
8	12-Apr-05	100.00	1,100.00				
9	3-Oct-05	180.00	1,700.00				
10	11-Apr-06	98.00	1,100.00				
	Mann Kendall Statistic (S) =	-9.0	0.0	0.0	0.0	0.0	0.0
	Number of Rounds (n) =	10	10	0	0	0	0
	Average =	135.90	962.85	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
	Standard Deviation =	120.830	1001.845	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
	Coefficient of Variation(CV)=	0.889	1.040	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Error Check, Blank if No Errors Detected				n<4	n<4	n<4	n<4
Trend ≥ 80% Confidence Level		No Trend	No Trend	n<4	n<4	n<4	n<4
Trend ≥ 90% Confidence Level		No Trend	No Trend	n<4	n<4	n<4	n<4
Stability Test, If No Trend Exists at 80% Confidence Level		**CV <= 1** **STABLE**	**CV > 1** **NON-STABLE**	n<4 n<4	n<4 n<4	n<4 n<4	n<4 n<4

Data Entry By = PAR | Date = 16-May-06 | Checked By = EPK

State of Wisconsin
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Site Name : WPSC - Steven Point Former MGP Site	BRRTS No. = 02-50-000079	Well Number = OW-9

	Compound ->	Benzene	Napthalene				
Event Number	Sampling Date (most recent last)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)
1	23-Jun-99	330.00	4,800.00				
2	31-May-00	123.00	2,960.00				
3	2-Apr-02	100.00	590.00				
4	16-Jun-03	8.90	35.00				
5	11-Apr-05	100.00	1,100.00				
6	11-Apr-06	98.00	1,100.00				
7							
8							
9							
10							
	Mann Kendall Statistic (S) =	-10.0	-6.0	0.0	0.0	0.0	0.0
	Number of Rounds (n) =	6	6	0	0	0	0
	Average =	126.65	1764.17	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
	Standard Deviation =	107.211	1783.100	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
	Coefficient of Variation(CV)=	0.847	1.011	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Error Check, Blank if No Errors Detected				n<4	n<4	n<4	n<4
Trend ≥ 80% Confidence Level		**DECREASING**	**DECREASING**	n<4	n<4	n<4	n<4
Trend ≥ 90% Confidence Level		**DECREASING**	No Trend	n<4	n<4	n<4	n<4
Stability Test, If No Trend Exists at 80% Confidence Level				n<4	n<4	n<4	n<4
		NA	NA	n<4	n<4	n<4	n<4

Data Entry By = PAR	Date = 16-May-06	Checked By = EPK

State of Wisconsin
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Form 4400-215 (2/2001)

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Site Name : WPSC - Steven Point Former MGP Site
BRRTS No. = 02-50-000079
Well Number = PZ-9B

	Compound ->	Benzene					
Event Number	Sampling Date (most recent last)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)
1	31-Aug-00	0.25					
2	21-Nov-00	1.70					
3	2-Apr-02	0.23					
4	28-Oct-02	0.23					
5	16-Jun-03	0.15					
6	20-Nov-03	1.00					
7	20-Jul-04	0.07					
8	12-Apr-05	0.07					
9	3-Oct-05	0.07					
10	11-Apr-06	0.07					
	Mann Kendall Statistic (S) =	-28.0	0.0	0.0	0.0	0.0	0.0
	Number of Rounds (n) =	10	0	0	0	0	0
	Average =	0.38	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
	Standard Deviation =	0.540	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
	Coefficient of Variation(CV)=	1.411	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Error Check, Blank if No Errors Detected			n<4	n<4	n<4	n<4	n<4
Trend ≥ 80% Confidence Level		**DECREASING**	n<4	n<4	n<4	n<4	n<4
Trend ≥ 90% Confidence Level		**DECREASING**	n<4	n<4	n<4	n<4	n<4
Stability Test, If No Trend Exists at 80% Confidence Level		NA	n<4 n<4	n<4 n<4	n<4 n<4	n<4 n<4	n<4 n<4

Data Entry By = PAR
Date = 16-May-06
Checked By = EPK

State of Wisconsin
Department of Natural Resources
Remediation and Redevelopment Program

Mann-Kendall Statistical Test
Form 4400-215 (2/2001)

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Site Name : WPSC - Steven Point Former MGP Site
BRRTS No. = 02-50-000079
Well Number = PZ-11B

Event Number	Compound -> Sampling Date (most recent last)	Benzene Concentration (leave blank if no data)	Napthalene Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)
1	31-Aug-00	53.00	344.00				
2	21-Nov-00	20.00	38.00				
3	2-Apr-02	24.00	290.00				
4	28-Oct-02	19.00	34.00				
5	16-Jun-03	18.00	0.31				
6	20-Nov-03	14.00	20.00				
7	20-Jul-04	0.75	0.01				
8	11-Apr-05	0.07	0.01				
9	3-Oct-05	0.07	0.07				
10	11-Apr-06	0.07	0.01				
	Mann Kendall Statistic (S) =	-40.0	-33.0	0.0	0.0	0.0	0.0
	Number of Rounds (n) =	10	10	0	0	0	0
	Average =	14.90	72.64	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
	Standard Deviation =	16.491	130.243	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
	Coefficient of Variation(CV)=	1.107	1.793	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Error Check, Blank if No Errors Detected				n<4	n<4	n<4	n<4
Trend ≥ 80% Confidence Level		**DECREASING**	**DECREASING**	n<4	n<4	n<4	n<4
Trend ≥ 90% Confidence Level		**DECREASING**	**DECREASING**	n<4	n<4	n<4	n<4
Stability Test, If No Trend Exists at 80% Confidence Level		NA	NA	n<4 n<4	n<4 n<4	n<4 n<4	n<4 n<4

Data Entry By = PAR
Date = 16-May-06
Checked By = EPK

State of Wisconsin
Department of Natural Resources
Remediation and Redevelopment Program

Mann-Kendall Statistical Test
Form 4400-215 (2/2001)

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Site Name = WPSC - Steven Point Former MGP Site | BRRTS No. = 02-50-000079 | Well Number = OW-12

	Compound ->	Benzene	Napthalene				
Event Number	Sampling Date (most recent last)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)
1	12-Oct-04	2.20	2.50				
2	25-Jan-05	9.10	79.00				
3	12-Apr-05	3.60	3.80				
4	11-Jul-05	8.80	2.10				
5	3-Oct-05	9.40	13.00				
6	5-Jan-06	6.90	27.00				
7	11-Apr-06	0.07	0.01				
8							
9							
10							
	Mann Kendall Statistic (S) =	-1.0	-3.0	0.0	0.0	0.0	0.0
	Number of Rounds (n) =	7	7	0	0	0	0
	Average =	5.72	18.20	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
	Standard Deviation =	3.756	28.416	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
	Coefficient of Variation(CV)=	0.656	1.561	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Error Check, Blank if No Errors Detected				n<4	n<4	n<4	n<4
Trend ≥ 80% Confidence Level		No Trend	No Trend	n<4	n<4	n<4	n<4
Trend ≥ 90% Confidence Level		No Trend	No Trend	n<4	n<4	n<4	n<4
Stability Test, If No Trend Exists at 80% Confidence Level		**CV <= 1** **STABLE**	**CV > 1** **NON-STABLE**	n<4 n<4	n<4 n<4	n<4 n<4	n<4 n<4

Data Entry By = PAR | Date = 16-May-06 | Checked By = EPK

State of Wisconsin
Department of Natural Resources
Remediation and Redevelopment Program

Mann-Kendall Statistical Test
Form 4400-215 (2/2001)

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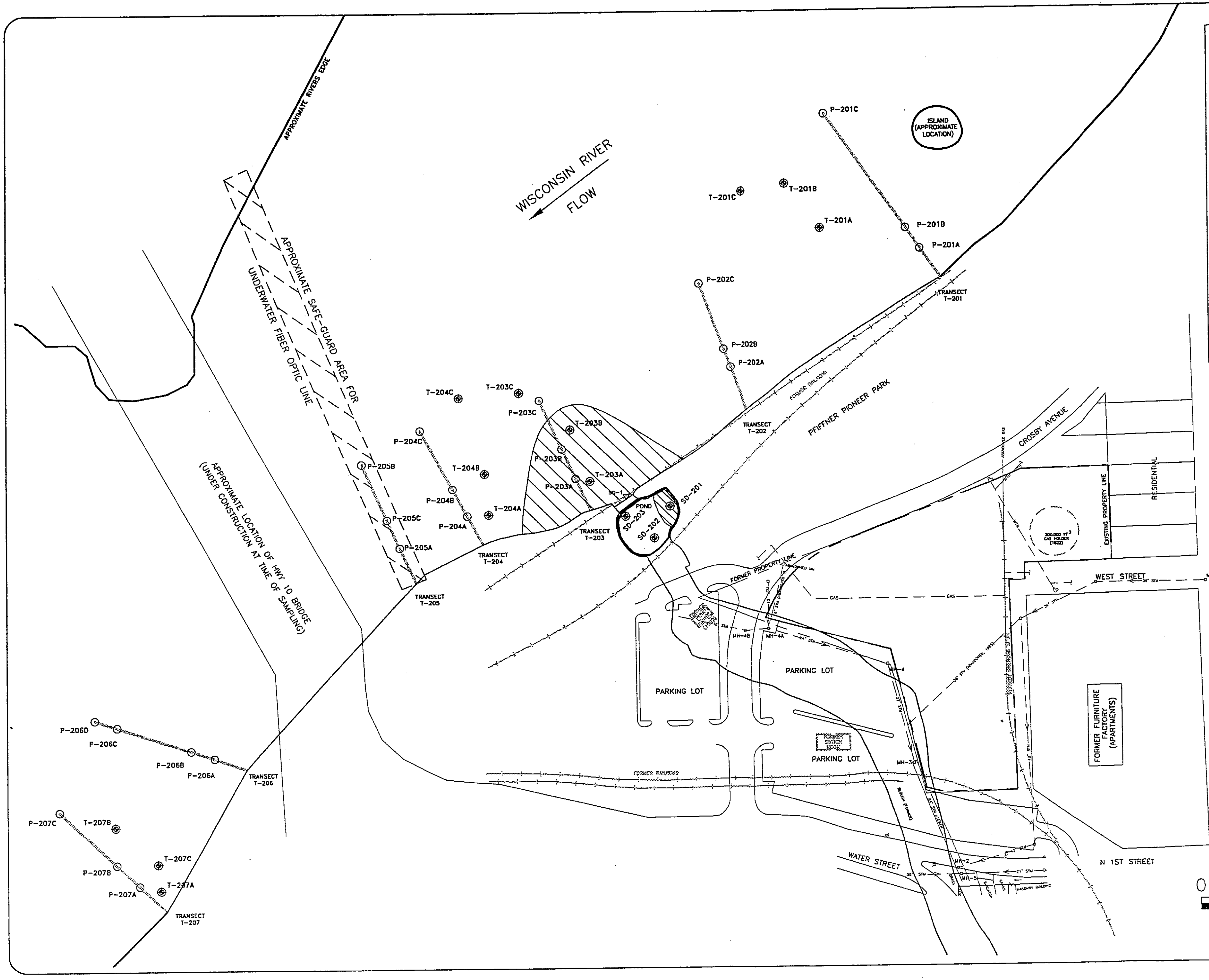
Site Name : WPSC - Steven Point Former MGP Site | BRRTS No. = 02-50-000079 | Well Number = PZ-12B

	Compound ->	Benzene	Napthalene				
Event Number	Sampling Date (most recent last)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)	Concentration (leave blank if no data)
1	12-Oct-04	25.00	160.00				
2	25-Jan-05	52.00	830.00				
3	12-Apr-05	16.00	8.30				
4	11-Jul-05	33.00	21.00				
5	3-Oct-05	0.07	0.12				
6	5-Jan-06	0.21	0.58				
7	11-Apr-06	3.30	0.74				
8							
9							
10							
	Mann Kendall Statistic (S) =	-9.0	-11.0	0.0	0.0	0.0	0.0
	Number of Rounds (n) =	7	7	0	0	0	0
	Average =	18.51	145.82	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
	Standard Deviation =	19.521	307.182	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
	Coefficient of Variation(CV)=	1.055	2.107	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Error Check, Blank if No Errors Detected				n<4	n<4	n<4	n<4
Trend ≥ 80% Confidence Level		**DECREASING**	**DECREASING**	n<4	n<4	n<4	n<4
Trend ≥ 90% Confidence Level		No Trend	**DECREASING**	n<4	n<4	n<4	n<4
Stability Test, If No Trend Exists at 80% Confidence Level		NA	NA	n<4 n<4	n<4 n<4	n<4 n<4	n<4 n<4

Data Entry By = PAR | Date = 16-May-06 | Checked By = EPK

APPENDIX G

FIGURE 10 AND TABLES 3, 4, 10, AND 11 (SUPPLEMENTAL SITE INVESTIGATION AND GROUNDWATER MONITORING REPORT)



LEGEND

⊛ T-201A	SEDIMENT SAMPLE
○ P-201A	TRANSECT POLING LOCATION
⊛ SD-201	SEDIMENT SAMPLE (POND)
▽ SG-1	STAFF GAUGE
MH-1 ○	STORM SEWER MANHOLE
♡	HYDRANT
∅	UTILITY POLE
— WTR —	WATER LINE
— GAS —	GAS LINE
— STM —	STORM SEWER
MGP	MANUFACTURED GAS PLANT
⬚	FORMER BUILDINGS
⊂ ⊃	FORMER MGP PROCESS STRUCTURES
┼┼┼┼	FORMER RAILROAD
▨	TAR, SHEEN, AND/OR ODOR NOTED

NOTES:
SUBSURFACE UTILITY LINE AND FORMER STRUCTURES/BUILDINGS LOCATIONS ARE APPROXIMATE.

SOURCE NOTE:
THIS MAP WAS DEVELOPED FROM DRAWINGS BY SIMON HYDRO-SEARCH, DATED 02/11/94, DRAWING NO. 3075-d8 AND DRAWING NO. 3075-d2, DATED 11/15/93, PROJECT 304533075, A MAP FROM THE CITY OF STEVENS POINT, DRAWING E2 M-1461, DATE UNKNOWN, A MAP FROM THE CITY OF STEVENS POINT, DRAWING A-3 M-1456, DATED 1986, AND DRAWINGS FROM WISCONSIN PUBLIC SERVICE CORP., WSK509.DWG AND STPTGAS.DWG. GAS LINE TAKEN FROM WSK509.DWG AND ABANDONED GAS LINE TAKEN FROM WPSC W.O. 0013098081, STEVENS POINT AREA MAP NO. 2106-252. ALL LOCATIONS INCLUDING UTILITIES ARE APPROXIMATE.

STATE PLANE COORDINATES FOR SOIL BORINGS (B-1XX), HYDRO-PUNCH BORINGS (HP-1XX), MONITORING WELLS OW-1 THROUGH OW-8 AND PIEZOMETER P58 INSTALLED BY SIMON HYDRO-SEARCH WERE ESTABLISHED IN SURVEYS CONDUCTED IN 1993 BY KIEDROWSKI ENGINEERING, INC. STATE PLANE COORDINATES ESTABLISHED BY WISCONSIN PUBLIC SERVICE IN 1998 INCLUDING MONITORING WELLS OW-1 THROUGH OW-4, OW-6 THROUGH OW-8 AND PIEZOMETER P58 INDICATE AN AVERAGE DISCREPANCY IN THE KIEDROWSKI LOCATIONS OF 22.42 FEET IN A DIRECTION 198°22'13" FROM NORTH. REVISED MONITORING WELL AND PIEZOMETER LOCATIONS SURVEYED BY WPSC ARE SHOWN. SIMON HYDRO-SEARCH SOIL BORING AND HYDRO-PUNCH LOCATIONS COULD NOT BE RELOCATED IN THE FIELD, AND THEREFORE, WERE NOT MODIFIED.

A SURVEY FROM WPSC DATED JANUARY 31, 2000 LOCATED NEW WELLS AND BORINGS (SB-207 THROUGH SB-216 INSTALLED JANUARY 2000).

A SURVEY FROM WPSC DATED 6/2/00 LOCATED MH-1, SG-1 AT BRIDGE AND RIVERS NORTH EDGE. RIVERS NORTH EDGE ESTABLISHES TRANSECT POLING AND SEDIMENT SAMPLE MARKER LOCATIONS. POLING AND SEDIMENT SAMPLE LOCATIONS FIELD MEASURED BY NRT AND TIED TO TRANSECT MARKERS ESTABLISHED BY WPSC ON 6/2/00.

POND SEDIMENT SAMPLINGS FIELD MEASURED BY NRT.

UNSURVEYED PORTION OF RIVER AND ISLAND FROM EARTHVISIONS U.S. TERRAIN SERIES © EARTHVISIONS, INC. 603-433-8500.

N

0 75 150 300

SCALE IN FEET

SEDIMENT POLING POSITIONS AND SAMPLING LOCATIONS

SUPPLEMENTAL SITE INVESTIGATION AND GROUNDWATER MONITORING REPORT
WISCONSIN PUBLIC SERVICE CORPORATION
FORMER MANUFACTURE GAS PLANT, STEVENS POINT, WISCONSIN

DRAWN BY: TAS	DATE: 03/28/02
CHECKED BY: RJC	DATE: 03/28/02
APPROVED BY: LLP	DATE: 04/11/02

AUTOCAD FILE: 1177-B32.DWG

Natural Resource Technology

PROJECT NO.
1177/12.4/STPT

DRAWING NO.
1177-B32

FIGURE NO.
10

Table 3. Sediment Poling Location Summary
Supplemental Site Investigation and Groundwater Monitoring Report
Former Stevens Point Manufactured Gas Plant Site - Wisconsin Public Service Corporation

Location	Distance from Shore (Feet)	Depth of Water (Feet)	Soft[A] Sediment Thickness (Inches)	Poling Bottom Type[B]	Field Observations/Comments
Pond Poling & Sampling Locations					
SD-201	na	1.58	12	Soft	Pond water, no flow
SD-202	na	2.17	16	Soft	Pond water, no flow
SD-203	na	3.25	4	Soft	Pond water, no flow
Wisconsin River Poling Locations					
P-201A	53	3.33	0.5	Gravelly/Rocky	Slow water current
P-201B	92	4.58	4	Soft	Slow water current
P-201C	308	14.5	< 1	Rocky	
P-202A	72	3.25	9	Soft	Slow water current
P-202B	102	3.33	10	Sandy	
P-202C	210	16.58	2	Gravelly	
P-203A	55	12.25	22	Soft	
P-203B	106	14.92	1	Sandy	
P-203C	190	15.67	2	Rocky	
P-204A	51	13.16	0	Rocky	
P-204B	99	18.5	0	Rocky	
P-204C	204	16.75	2	Sandy/Rocky	Strong current - difficult to pole
P-205A	61	15.67	1	Rocky	
P-205B	99	21.08	2	Rocky	
P-205C	205	21.42	3	Rocky	
P-206A	54	15.42	3	Rocky	Strong current - difficult to pole
P-206B	93	20.0	3	Rocky	Strong current - difficult to pole
P-206C	213	20.25	0	Rocky	Current too strong to get accurate measurement
P-206D	249	20.42	0	Rocky	Current too strong to get accurate measurement
P-207A	54	14.5	13	Soft	
P-207B	102	16.0	5	Sandy/Rocky	Backwater
P-207C	222	18.75	1	Rocky	Strong current - difficult to pole

Notes:

A) Soft sediment thickness based on poling measurements; poling sediment thickness might differ from cored sediment thickness in Table 4

B) Poling bottom type based on poling results - the presence of large rocks was identified in some areas based on poling response. Similarly, presence of sand or soft material also discernable during poling.

Table 4. Sediment Coring/Sampling Location Summary
Supplemental Site Investigation and Groundwater Monitoring Report
Former Stevens Point Manufactured Gas Plant Site - Wisconsin Public Service Corporation

Sample Location	Distance from Shore (Feet)	Depth Penetrated into Sediment (Feet)	Sediment Recovery (Inches)	Substrate Type[A]	Poling Bottom Type[B]	Field Observations/Comments
Pond Poling & Sampling Locations						
SD-201	na	2	24	Soft Silt/Sand	Soft	Pond water, no flow, slight MGP odor from 10"-24"
SD-202	na	2.3	28	Soft Silt/Sand	Soft	Pond water, no flow, decay odor
SD-203	na	1.5	18	Soft Silt/Sand	Soft	Pond water, no flow, decay odor
Wisconsin River Sampling Locations						
T-201A	164	8	46	Sand	Rocky	Slow current
T-201B	250	8	42	Sand	Soft	Two attempts were made, first attempted met refusal at 6-inches on large rock fragments
T-201C	278	3.5[C]	24	Sand & Gravel	Rocky	Large rocks present at sediment surface
T-203A	44	7[C]	8	Sand	Soft	Strong MGP odor @ 0'-4', slight MGP odor @ 4'
T-203B	131	7[C]	48	Sand	Sandy	Three attempts were made, first and second attempts encountered rocks and wood at the surface. Strong MGP odor @ 0-6"
T-203C	214	1[C]	6	Sand	Rocky	Two attempts were made to collect surface samples, large rocks prevented further sampling.
T-204A	42	1.5[C]	18	Sand	Rocky	Two attempts were made to collect surface samples, large rocks prevented further sampling.
T-204B	109	4.5[C]	24	Sand	Rocky	Boulder size rocks present at sediment surface.
T-204C	244	1[C]	12	Sand	Gravelly	Two attempts were made to collect surface samples, large rocks prevented further sampling.
T-207A	24	1.5[C]	18	Soft	Soft	Two attempts were made, backwater, no MGP odor.
T-207B	136	0.5[C]	6	Sand	Loose Sand	Four attempts were made to collect samples, samples were collected at the third and fourth locations at surface only due to refusal.
T-207C	49	0.5[C]	6	Sand	Rocky	Strong current

Notes:

A = Sediment type based on sample collected by hydraulic push core.

B = Poling bottom type based on poling results - the presence of large rocks was identified in some areas based on the poling response. Similarly, the presence of sand or soft muck could also be discerned during poling.
"Soft" indicates pole pushed until resistance was too great due to hard bottom or friction.
"Sandy or Gravelly" indicates pole encountered material that pole penetrated up to a few inches, but metallic pole reverberation and sound indicated a generally large grain size.
"Rocky" indicates large rocks. Pole bounced off the obstructions; reverberation and sound indicated large, hard obstacle.
Numerous attempts provided observations on obstacle (rock) size and general shape (flat or rounded rock).

C = Boring terminated at refusal.

Table 10. Sediment Analytical Summary - PAHs
Supplemental Site Investigation and Groundwater Monitoring Report
Former Stevens Point Manufactured Gas Plant Site - Wisconsin Public Service Corporation

Sample Identification	Date	Polynuclear Aromatic Hydrocarbons (mg/kg)																	
		Naphthalene	Acenaphthylene	Acenaphthene	Fluorene	Phenanthrene	Anthracene	Fluoranthene	Pyrene	Benz(a)anthracene	Chrysene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Benzo(a)pyrene	Indeno(1,2,3-cd)pyrene	Dibenz(a,h)anthracene	Benzo(g,h,i)perylene	1-Methylnaphthalene	2-Methylnaphthalene	Total PAHs
Pond Sampling Results																				
SD-201	06/02/00	0.498	1.24	0.291	0.531	5.19	2.52	15.1	11.2	8.4	8.54	6.44	8.04	8.97	4.82	2.18	4.65	<0.11	0.137	89
SD-202	06/02/00	1.86	3.78	4.47	6.19	35.9	16.7	46.7	32.1	21.6	18.3	15.6	15.8	19.2	8.43	4.17	7.46	0.963	1.39	261
SD-203	06/02/00	0.095	0.154	<0.097	<0.121	0.489	0.279	1.75	1.26	0.913	0.879	0.572	0.954	0.899	0.512	0.25	0.485	<0.106	<0.106	9.5
Wisconsin River Sediment Sampling Results																				
T201A(1)	06/03/00	<0.048	<0.062	<0.053	<0.065	<0.053	<0.051	0.092	0.059	0.077	0.062	0.06	<0.090	0.081	<0.140	<0.128	<0.100	<0.057	<0.057	0.4
T201B(0-4)	06/03/00	<0.016	<0.020	<0.017	<0.022	<0.017	<0.017	<0.013	<0.016	<0.022	<0.020	<0.017	<0.030	<0.017	<0.046	<0.042	<0.033	<0.019	<0.019	nd
T201C(0-4)	06/03/00	0.021	<0.021	0.018	<0.022	0.052	<0.018	<0.013	0.024	<0.022	<0.021	<0.017	<0.031	<017	<0.048	<0.044	<0.034	<0.020	<0.020	0.1
T203A(0-4)	06/03/00	4,860	468	821	967	3,110	1,000	2,060	1,180	742	645	492	555	584	246	133	209	651	1,220	19,943
T203A(4-8)	06/03/00	3.32	1.31	2.3	2.6	15.4	7.1	19.6	13.1	8.63	7.34	5.49	7.75	7.4	2.66	0.947	2.26	0.997	1.48	110
T203B(0-1)*	06/03/00	2,270	81.9	740	607	1,930	603	1,280	828	420	348	368	228	334	123	55.8	97.6	180	356	10,850
T203B(4-8)	06/03/00	13.7	2.31	11.1	11.6	48.7	16.9	34.1	22.5	15	12.9	8.64	9.8	12.1	4.95	2.66	4.12	3.89	4.78	240
T203C(0-4)	06/03/00	<0.017	<0.022	<0.019	<0.023	<0.019	<0.018	<0.014	<0.017	<0.023	<0.022	<0.018	<0.032	<0.018	<0.050	<0.046	<0.036	<0.020	<0.020	bdl
T204A(0-4)	06/03/00	0.267	2.21	0.405	2.5	13	4.32	13.7	9.07	6.13	5.62	4.54	6.00	5.96	3.07	1.50	2.63	0.228	0.147	81
T204B(0-4)	06/03/00	<0.017	<0.022	<0.019	<0.023	<0.019	<0.018	<0.014	<0.017	<0.023	<0.022	<0.018	<0.032	<0.018	<0.050	<0.046	<0.036	<0.020	<0.020	bdl
T204C(0-4)	06/03/00	<0.016	<0.021	<0.018	<0.022	<0.018	<0.017	<0.013	<0.016	<0.022	<0.020	<0.017	<0.030	<0.017	<0.047	<0.043	<0.034	<0.019	<0.019	bdl
T207A(0-2)	06/03/00	0.053	0.039	0.024	0.033	0.246	0.12	0.463	0.34	0.226	0.237	0.167	0.26	0.234	0.11	<0.048	0.098	<0.021	0.029	2.7
T207B(0-2)	06/03/00	<0.016	0.073	<0.018	0.044	0.549	0.176	0.724	0.517	0.332	0.295	0.216	0.246	0.292	0.136	0.052	0.122	<0.020	<0.020	3.8
T207C(0-1)	06/03/00	<0.016	0.02	<0.017	<0.021	0.145	0.046	0.221	0.153	0.096	0.102	0.086	0.106	0.104	0.056	<0.042	0.053	<0.019	<0.019	1.2

[O-AAS/HMS][U-RGF 03/22/02]

Notes:

* = Sample re-analyzed after hold time expired due to quality control failure on initial analysis.
bdl = All PAH compounds below detection limits

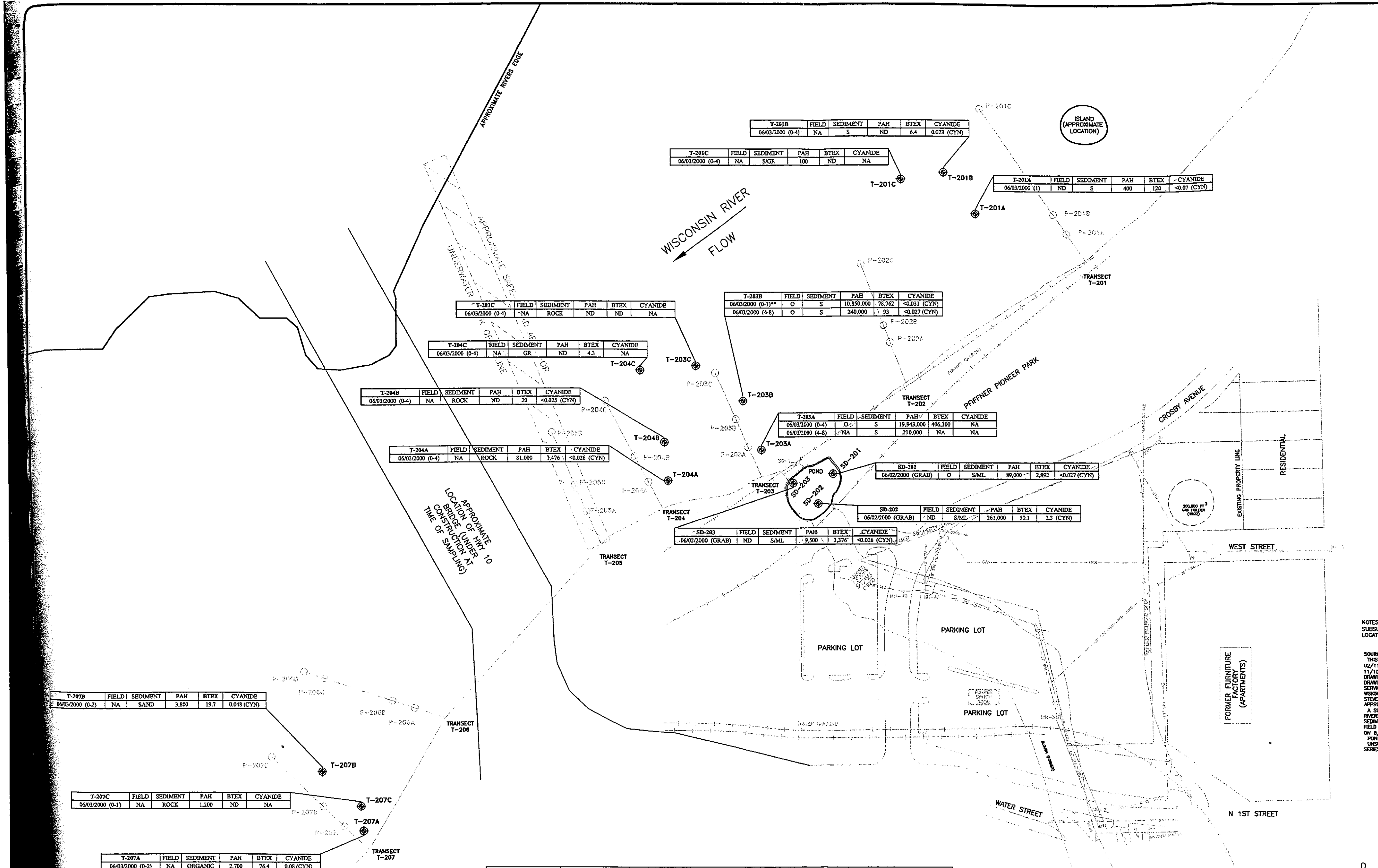
Table 11. Sediment Analytical Summary - BTEX, Cyanide, and Metals
Supplemental Site Investigation and Groundwater Monitoring Report
Former Stevens Point Manufactured Gas Plant Site - Wisconsin Public Service Corporation

Sample Location	Date	BTEX (µg/kg)				Total Cyanide (mg/kg)	METALS (mg/kg)				
		Benzene	**Ethylbenzene**	**Toluene**	**Xylenes (total)**		**Cadmium**	**Copper**	**Lead**	**Mercury**	**Zinc**
Pond Sampling Results											
SD-201	06/02/00	24	144	24	2,700	<0.027	0.64	14	82	0.038	70
SD-202	06/02/00	14	9.1	27	<19	2.3	0.91	21	69	0.064	100
SD-203	06/02/00	478	168	1,380	1,350	<0.026	0.34	4.4	26	<0.013	25
Wisconsin River Sediment Sampling Results											
T201A(1)	06/03/00	23	11	86	<19	<0.07	1.1	15	24	<0.029	89
T201B(0-4)	06/03/00	<9.0	<4.5	6.4	<19	0.023	0.34	5.6	<2.2	<0.008	19
T201C(0-4)	06/03/00	<9.0	<4.5	<4.2	<19	--	<0.27	20	3.6	<0.010	41
T203A(0-4)	06/03/00	<90,000	70,300	106,000	230,000	--	--	--	--	--	--
T203A(4-8)	06/03/00	--	--	--	--	--	--	--	--	--	--
T203B(0-1)	06/03/00	942	17,200	6,420	54,200	<0.031	<0.36	9.0	10	0.023	41
T203B(4-8)	06/03/00	15	46	32	<19	<0.027	<0.31	4.3	5.0	<0.010	34
T203C(0-4)	06/03/00	<9.0	<4.5	<4.2	<19	--	<0.28	9.8	3.4	<0.009	22
T204A(0-4)	06/03/00	195	79	574	628	<0.026	0.31	17	6.0	0.027	54
T204B(0-4)	06/03/00	10	<4.5	9.8	<19	<0.025	0.35	8.5	5.0	<0.012	80
T204C(0-4)	06/03/00	<9.0	<4.5	4.3	<19	--	<0.28	2.8	2.7	<0.012	16
T207A(0-2)	06/03/00	9.4	9.0	58	<19	0.08	0.37	7.9	8.6	0.040	124
T207B(0-2)	06/03/00	<9.0	11	8.7	<19	0.048	<0.28	22	4.7	<0.013	31
T207C(0-1)	06/03/00	<9.0	<4.5	<4.2	<19	--	<0.27	14	3.7	<0.01	28

[O-AAS/HMS]

Note:

-- = Parameter not analyzed in this sample.



T-201B	FIELD	SEDIMENT	PAH	BTEX	CYANIDE
06/03/2000 (0-4)	NA	S	ND	6.4	0.023 (CYN)

T-201C	FIELD	SEDIMENT	PAH	BTEX	CYANIDE
06/03/2000 (0-4)	NA	S/GR	100	ND	NA

T-201A	FIELD	SEDIMENT	PAH	BTEX	CYANIDE
06/03/2000 (1)	ND	S	400	120	<0.07 (CYN)

T-203B	FIELD	SEDIMENT	PAH	BTEX	CYANIDE
06/03/2000 (0-1)**	O	S	10,850,000	78,762	<0.031 (CYN)
06/03/2000 (4-8)	O	S	240,000	93	<0.027 (CYN)

T-203C	FIELD	SEDIMENT	PAH	BTEX	CYANIDE
06/03/2000 (0-4)	NA	ROCK	ND	ND	NA

T-204C	FIELD	SEDIMENT	PAH	BTEX	CYANIDE
06/03/2000 (0-4)	NA	GR	ND	4.3	NA

T-204B	FIELD	SEDIMENT	PAH	BTEX	CYANIDE
06/03/2000 (0-4)	NA	ROCK	ND	20	<0.025 (CYN)

T-203A	FIELD	SEDIMENT	PAH	BTEX	CYANIDE
06/03/2000 (0-4)	O	S	19,943,000	406,300	NA
06/03/2000 (4-8)	NA	S	110,000	NA	NA

T-204A	FIELD	SEDIMENT	PAH	BTEX	CYANIDE
06/03/2000 (0-4)	NA	ROCK	81,000	1,476	<0.026 (CYN)

SD-201	FIELD	SEDIMENT	PAH	BTEX	CYANIDE
06/02/2000 (GRAB)	O	S/ML	89,000	2,892	<0.027 (CYN)

SD-202	FIELD	SEDIMENT	PAH	BTEX	CYANIDE
06/02/2000 (GRAB)	ND	S/ML	261,000	50.1	2.3 (CYN)

SD-203	FIELD	SEDIMENT	PAH	BTEX	CYANIDE
06/02/2000 (GRAB)	ND	S/ML	9,500	3,376	<0.026 (CYN)

T-207B	FIELD	SEDIMENT	PAH	BTEX	CYANIDE
06/03/2000 (0-2)	NA	SAND	3,800	19.7	0.048 (CYN)

T-207C	FIELD	SEDIMENT	PAH	BTEX	CYANIDE
06/03/2000 (0-1)	NA	ROCK	1,200	ND	NA

T-207A	FIELD	SEDIMENT	PAH	BTEX	CYANIDE
06/03/2000 (0-2)	NA	ORGANIC	2,700	76.4	0.08 (CYN)

LEGEND

⊕ T-201A	SEDIMENT SAMPLE
⊕ SD-201	SEDIMENT SAMPLE (POND)
○ P-201A	TRANSECT POLING LOCATION
▽ SG-1	STAFF GAUGE
○ MH-1	STORM SEWER MANHOLE
	HYDRANT
	UTILITY POLE
— — W — —	WATER LINE
— — GAS — —	GAS LINE
······ ST ······	STORM SEWER
MGP	MANUFACTURED GAS PLANT
⬚	FORMER BUILDINGS
⊂⊃	FORMER MGP PROCESS STRUCTURES
—+—+—+—	FORMER RAILROAD

NOTES:
SUBSURFACE UTILITY LINE AND FORMER STRUCTURES/BUILDINGS LOCATIONS ARE APPROXIMATE.

SOURCE NOTE:
THIS MAP WAS DEVELOPED FROM DRAWINGS BY SIMON HYDRO-SEARCH, DATED 02/11/94, DRAWING NO. 3075-d8 AND DRAWING NO. 3075-d2, DATED 11/15/93, PROJECT 304533075, A MAP FROM THE CITY OF STEVENS POINT, DRAWING E2 M-1481, DATE UNKNOWN, A MAP FROM THE CITY OF STEVENS POINT, DRAWING A-3 M-1456, DATED 1986, AND DRAWINGS FROM WISCONSIN PUBLIC SERVICE CORP., WSK509.DWG AND STPTGAS.DWG. GAS LINE TAKEN FROM WSK509.DWG AND ABANDONED GAS LINE TAKEN FROM WPSC W.O. 0013098081, STEVENS POINT AREA MAP NO. 2106-252. ALL LOCATIONS INCLUDING UTILITIES ARE APPROXIMATE.
A SURVEY FROM WPSC DATED 8/2/00 LOCATED MH-1, SG-1 AT BRIDGE AND RIVERS NORTH EDGE. RIVERS NORTH EDGE ESTABLISHES TRANSECT POLING AND SEDIMENT SAMPLE MARKER LOCATIONS. POLING AND SEDIMENT SAMPLE LOCATIONS FIELD MEASURED BY NRT AND TIED TO TRANSECT MARKERS ESTABLISHED BY WPSC ON 8/2/00.
POND SEDIMENT SAMPLINGS FIELD MEASURED BY NRT.
UNSURVEYED PORTION OF RIVER AND ISLAND FROM EARTHVISIONS U.S. TERRAIN SERIES © EARTHVISIONS, INC. 603-433-8500.

N

0 40 80 160
SCALE IN FEET

SAMPLE LOCATION	FIELD	SEDIMENT	PAH	BTEX	CYANIDE
SAMPLE DATE (DEPTH) (FEET BELOW TOP OF SEDIMENT)	FIELD OBSERVATIONS T=TAR O=COAL FRAGMENTS S=SHEEN O=ODOR	SEDIMENT CHARACTERISTIC S=SAND, ML=SILT GR=GRAVEL	TOTAL POLYNUCLEAR AROMATIC HYDROCARBONS (µg/kg)	BENZENE, TOLUENE, ETHYLBENZENE, AND XYLENES (µg/kg)	(WAD) WEAK ACID DISSOCIABLE (AVL) AVAILABLE (CYN) TOTAL (mg/kg)

ND = CONSTITUENTS WERE ANALYZED FOR BUT NOT DETECTED AT THE DETECTION LIMIT.
NA = NOT ANALYZED
µg/kg = MICROGRAMS PER KILOGRAM
mg/kg = MILLIGRAM PER KILOGRAM
GRAB=PONAR SAMPLE
**= SAMPLE RE-ANALYZED AFTER HOLD TIME EXPIRED DUE TO QUALITY CONTROL FAILURE ON INITIAL ANALYSIS.
PHYSICAL FORM OF TAR VARIES (e.g. TRACE, DROPLETS, SHEEN), REFER TO SEDIMENT INVESTIGATION REPORTS FOR ADDITIONAL DESCRIPTIONS.

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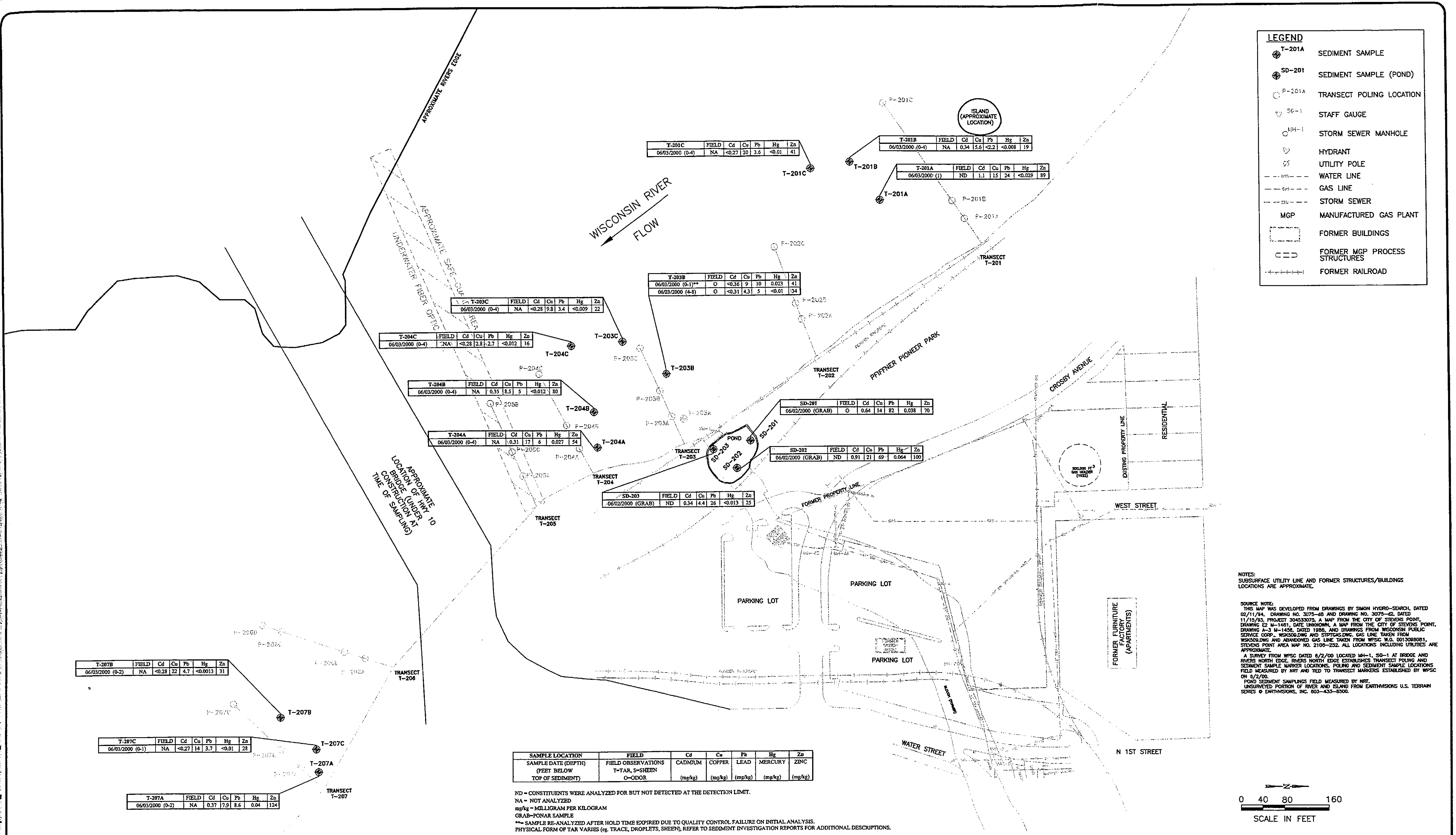
N R T

SEDIMENT ORGANIC ANALYTICAL SUMMARY

FORMER STEVENS POINT
MANUFACTURED GAS PLANT SITE
WISCONSIN PUBLIC SERVICE CORPORATION
STEVENS POINT, WISCONSIN

CAD FILE: 1515\5\STPT\1515-5S-D01.DWG
REFERENCE FILES:

PROJECT NO. 1515/5/STPT
DRAWN BY: TAS 02/04/05
CHECKED BY: MJR 02/04/05
APPROVED BY: LLP 02/04/05
SHEET NO. ST PT-1



T-201C	FIELD	Cd	Cu	Pb	Hg	Zn
06/03/2000 (0-4)	NA	<0.27	20	3.6	<0.01	41

T-201B	FIELD	Cd	Cu	Pb	Hg	Zn
06/03/2000 (0-4)	NA	0.34	5.6	<2.2	<0.008	19

T-201A	FIELD	Cd	Cu	Pb	Hg	Zn
06/03/2000 (1)	ND	1.1	15	24	<0.029	89

T-203B	FIELD	Cd	Cu	Pb	Hg	Zn
06/03/2000 (0-1)**	O	<0.36	9	10	0.023	41
06/03/2000 (4-8)	O	<0.31	4.3	5	<0.01	34

T-203C	FIELD	Cd	Cu	Pb	Hg	Zn
06/03/2000 (0-4)	NA	<0.28	9.8	3.4	<0.009	22

T-204C	FIELD	Cd	Cu	Pb	Hg	Zn
06/03/2000 (0-4)	NA	<0.28	2.8	2.7	<0.012	16

T-204B	FIELD	Cd	Cu	Pb	Hg	Zn
06/03/2000 (0-4)	NA	0.35	8.5	5	<0.012	80

T-204A	FIELD	Cd	Cu	Pb	Hg	Zn
06/03/2000 (0-4)	NA	0.31	17	6	0.027	54

SD-201	FIELD	Cd	Cu	Pb	Hg	Zn
06/02/2000 (GRAB)	O	0.64	14	82	0.038	70

SD-202	FIELD	Cd	Cu	Pb	Hg	Zn
06/02/2000 (GRAB)	ND	0.91	21	69	0.064	100

SD-203	FIELD	Cd	Cu	Pb	Hg	Zn
06/02/2000 (GRAB)	ND	0.34	4.4	26	<0.013	25

T-207B	FIELD	Cd	Cu	Pb	Hg	Zn
06/03/2000 (0-2)	NA	<0.28	22	4.7	<0.0013	31

T-207C	FIELD	Cd	Cu	Pb	Hg	Zn
06/03/2000 (0-1)	NA	<0.27	14	3.7	<0.01	28

T-207A	FIELD	Cd	Cu	Pb	Hg	Zn
06/03/2000 (0-2)	NA	0.37	7.9	8.6	0.04	124

SAMPLE LOCATION	FIELD	Cd	Cu	Pb	Hg	Zn
SAMPLE DATE (DEPTH) (FEET BELOW TOP OF SEDIMENT)	FIELD OBSERVATIONS T=TAR, S=SHEEN O=ODOR	CADMIUM (mg/kg)	COPPER (mg/kg)	LEAD (mg/kg)	MERCURY (mg/kg)	ZINC (mg/kg)

ND = CONSTITUENTS WERE ANALYZED FOR BUT NOT DETECTED AT THE DETECTION LIMIT.
NA = NOT ANALYZED
mg/kg = MILLIGRAM PER KILOGRAM
GRAB=PONAR SAMPLE
**= SAMPLE RE-ANALYZED AFTER HOLD TIME EXPIRED DUE TO QUALITY CONTROL FAILURE ON INITIAL ANALYSIS.
PHYSICAL FORM OF TAR VARIES (eg. TRACE, DROPLETS, SHEEN), REFER TO SEDIMENT INVESTIGATION REPORTS FOR ADDITIONAL DESCRIPTIONS.

NOTES:
SUBSURFACE UTILITY LINE AND FORMER STRUCTURES/BUILDINGS LOCATIONS ARE APPROXIMATE.

SOURCE NOTE:
THIS MAP WAS DEVELOPED FROM DRAWINGS BY SIMON HYDRO-SEARCH, DATED 02/11/94, DRAWING NO. 3075-d8 AND DRAWING NO. 3075-d2, DATED 11/15/93, PROJECT 304533075, A MAP FROM THE CITY OF STEVENS POINT, DRAWING E2 M-1461, DATE UNKNOWN, A MAP FROM THE CITY OF STEVENS POINT, DRAWING A-3 M-1456, DATED 1986, AND DRAWINGS FROM WISCONSIN PUBLIC SERVICE CORP., WSK509.DWG AND STPTGAS.DWG. GAS LINE TAKEN FROM WSK509.DWG AND ABANDONED GAS LINE TAKEN FROM WPSC W.O. 0013098081, STEVENS POINT AREA MAP NO. 2106-252. ALL LOCATIONS INCLUDING UTILITIES ARE APPROXIMATE.
A SURVEY FROM WPSC DATED 6/2/00 LOCATED MH-1, SG-1 AT BRIDGE AND RIVERS NORTH EDGE. RIVERS NORTH EDGE ESTABLISHES TRANSECT POLING AND SEDIMENT SAMPLE MARKER LOCATIONS. POLING AND SEDIMENT SAMPLE LOCATIONS FIELD MEASURED BY NRT AND TIED TO TRANSECT MARKERS ESTABLISHED BY WPSC ON 6/2/00.
POND SEDIMENT SAMPLINGS FIELD MEASURED BY NRT.
UNSURVEYED PORTION OF RIVER AND ISLAND FROM EARTHVISIONS U.S. TERRAIN SERIES © EARTHVISIONS, INC. 603-433-8500.

Natural
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Technology
N R T

SEDIMENT INORGANIC ANALYTICAL SUMMARY

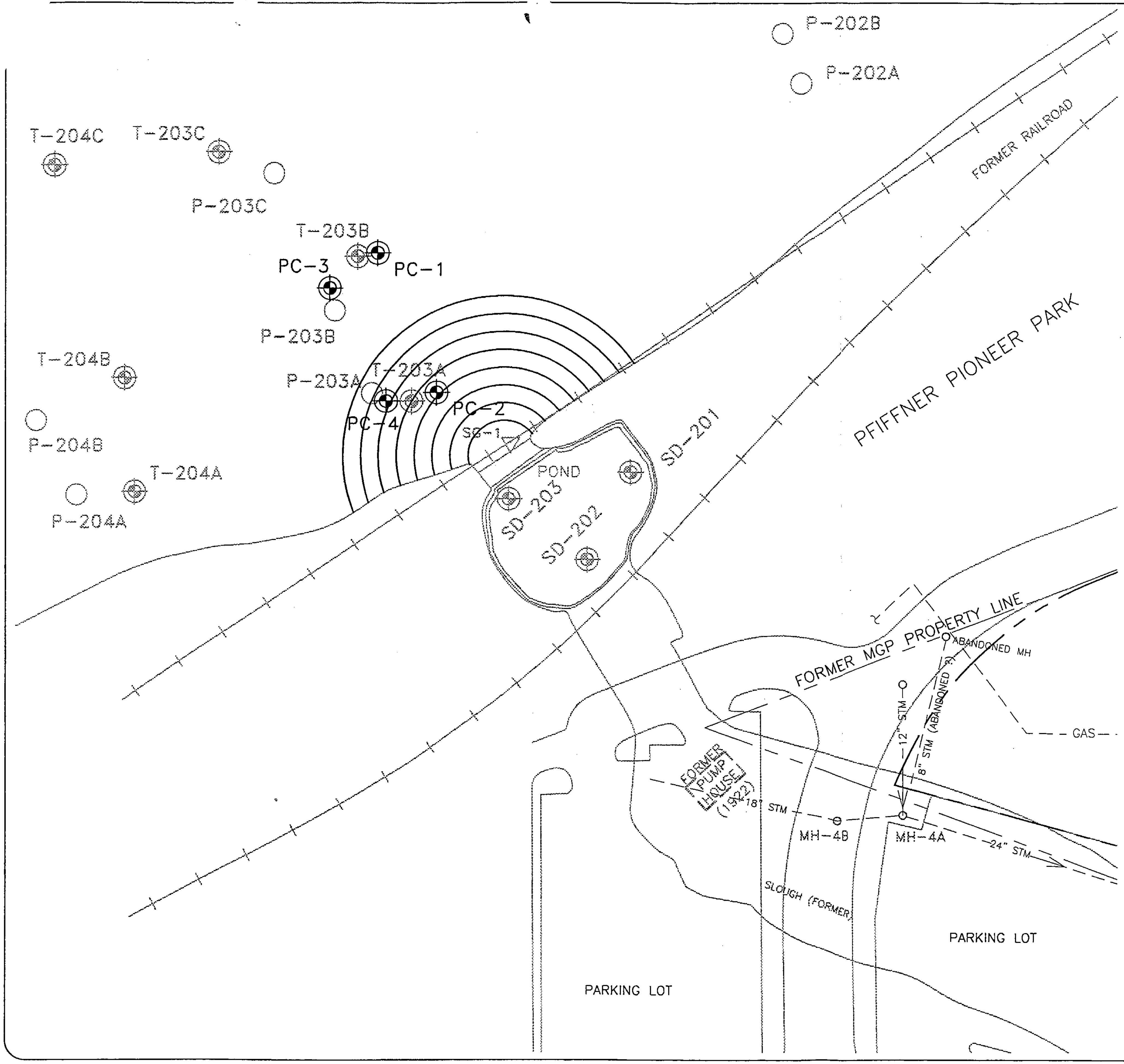
FORMER STEVENS POINT
MANUFACTURED GAS PLANT SITE
WISCONSIN PUBLIC SERVICE CORPORATION
STEVENS POINT, WISCONSIN

CAD FILE: 1515\5\STPT\1515-5S-D02.DWG
REFERENCE FILES:

PROJECT NO. 1515/5/STPT
DRAWN BY: TAS 02/04/05
CHECKED BY: MJR 02/04/05
APPROVED BY: LLP 02/04/05
SHEET NO. ST PT-2

APPENDIX H

FIGURE 1 AND TABLES 1 AND 2
(DIVERS SURVEY LETTER)



LEGEND

◠	DIVERS ARC
⊕ PC-1	DIVER PUSH CORE SEDIMENT SAMPLE
⊛ T-201A	SEDIMENT SAMPLE
○ P-201A	TRANSECT POLING LOCATION
⊛ SD-201	SEDIMENT SAMPLE (POND)
▽ SG-1	STAFF GAUGE
○ MH-1	STORM SEWER MANHOLE
♁	HYDRANT
∅	UTILITY POLE
— —WTR— —	WATER LINE
— —GAS— —	GAS LINE
— —STM— —	STORM SEWER
MGP	MANUFACTURED GAS PLANT
[ ]	FORMER BUILDINGS
┼┼┼┼┼	FORMER RAILROAD

NOTES:
SUBSURFACE UTILITY LINE AND FORMER STRUCTURES/BUILDINGS LOCATIONS ARE APPROXIMATE.

SOURCE NOTE:
THIS MAP WAS DEVELOPED FROM DRAWINGS BY SIMON HYDRO-SEARCH, DATED 02/11/94, DRAWING NO. 3075-d8 AND DRAWING NO. 3075-d2, DATED 11/15/93, PROJECT 304533075, A MAP FROM THE CITY OF STEVENS POINT, DRAWING E2 M-1461, DATE UNKNOWN, A MAP FROM THE CITY OF STEVENS POINT, DRAWING A-3 M-1456, DATED 1986, AND DRAWINGS FROM WISCONSIN PUBLIC SERVICE CORP., WSK509.DWG AND STPTGAS.DWG. GAS LINE TAKEN FROM WSK509.DWG AND ABANDONED GAS LINE TAKEN FROM WPSC W.O. 0013098081, STEVENS POINT AREA MAP NO. 2106-252. ALL LOCATIONS INCLUDING UTILITIES ARE APPROXIMATE.

STATE PLANE COORDINATES FOR SOIL BORINGS (B-1XX), HYDRO-PUNCH BORINGS (HP-1XX), MONITORING WELLS OW-1 THROUGH OW-8 AND PIEZOMETER P5B INSTALLED BY SIMON HYDRO-SEARCH WERE ESTABLISHED IN SURVEYS CONDUCTED IN 1993 BY KIEDROWSKI ENGINEERING, INC. STATE PLANE COORDINATES ESTABLISHED BY WISCONSIN PUBLIC SERVICE IN 1998 INCLUDING MONITORING WELLS OW-1 THROUGH OW-4, OW-6 THROUGH OW-8 AND PIEZOMETER P5B INDICATE AN AVERAGE DISCREPANCY IN THE KIEDROWSKI LOCATIONS OF 22.42 FEET IN A DIRECTION 196°22'13" FROM NORTH. REVISED MONITORING WELL AND PIEZOMETER LOCATIONS SURVEYED BY WPSC ARE SHOWN. SIMON HYDRO-SEARCH SOIL BORING AND HYDRO-PUNCH LOCATIONS COULD NOT BE RELOCATED IN THE FIELD, AND THEREFORE, WERE NOT MODIFIED.

A SURVEY FROM WPSC DATED JANUARY 31, 2000 LOCATED NEW WELLS AND BORINGS (SB-207 THROUGH SB-216 INSTALLED JANUARY 2000).

A SURVEY FROM WPSC DATED 6/2/00 LOCATED MH-1, SG-1 AT BRIDGE AND RIVERS NORTH EDGE. RIVERS NORTH EDGE ESTABLISHES TRANSECT POLING AND SEDIMENT SAMPLE MARKER LOCATIONS. POLING AND SEDIMENT SAMPLE LOCATIONS FIELD MEASURED BY NRT AND TIED TO TRANSECT MARKERS ESTABLISHED BY WPSC ON 6/2/00.

POND SEDIMENT SAMPLINGS FIELD MEASURED BY NRT.

UNSURVEYED PORTION OF RIVER AND ISLAND FROM EARTHVISIONS U.S. TERRAIN SERIES © EARTHVISIONS, INC. 603-433-8500.

Z

0 30 60 120
SCALE IN FEET

DRAWN BY: TAS DATE: 01/06/03
CHECKED BY: JTB DATE: 01/06/03
APPROVED BY: RGF DATE: 01/06/03
XREF FILE: NONE

DIVERS SURVEY OF WISCONSIN RIVER
SEPTEMBER 19, 2002
WISCONSIN PUBLIC SERVICE CORPORATION
FORMER MANUFACTURE GAS PLANT
STEVENS POINT, WISCONSIN

Natural
Resource
Technology

PROJECT NO.
1177/14.1/STPT

DRAWING NO.
1177-141-B40

FIGURE NO.
1

Table 1. Observations Along Diver's Arcs
Former Stevens Point MGP Site, WPSC

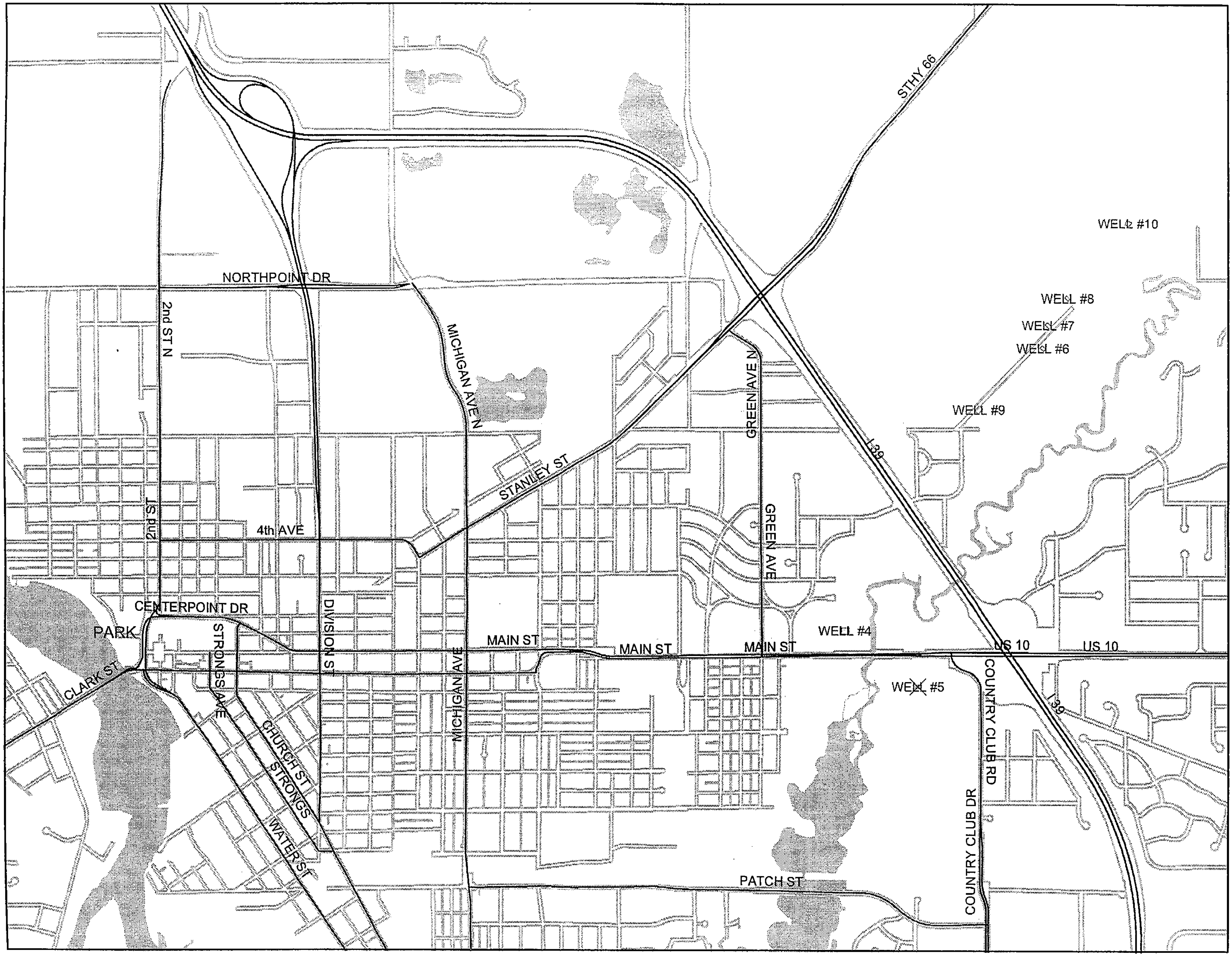
Arc #	Time on Video Tape	Distance from Bridge Center	Tar or Sheen Observed?	Notes
1	0:03.38 to 0:06.36	20'	No	riprap with silt and timbers; loose sand; gravel with sand
2	0:06.36 to 0:09.58	30'	No	more sand with rock and small gravel; timbers; building materials and brick; somewhat soft bottom
3	0:09.58 to 0:15.38	40'	No	pea gravel; soft silt area over gravel ; 3-4" silt; small gravel; low current; wood chips (1.5" and bigger) with planks and construction debris
4	0:18.35 to 0:24.49	50'	No	small gravel with sand; bicycle; heavy silt (6") overlying wood chips approx. 18" thick near center; wood chips nearshore and at 3/4 sweep; rocky near shore
5	0:24.50 to 0:30.45	60'	No	pea gravel and logs near shore; 55 gal drum; siltier with depth; hard substrate underlying silt
6	0:30.48 to 0:42.25	70'	No	rod pushed approx. 6' into sediments approx. 15' from shore; 2nd drum w/ open end; gravelly bottom with wood under 6" of silt; rocky at points; soft sediment; woody debris
7	0:42.26 to 0:55.20	80'	No	2" silt approx 15 yds from shore thickening to 6" at 25 yds; little/no flow; wood chips present under silt; substrate wood; silt with hard bottom
8	0:55.22 to 1:01.01	90'	No	digging thru thin silt over construction debris; hose getting hung up; sweep not completed

Table 2. Transect & Core Field Observations
Former Stevens Point MGP Site, WPSC

Push Core Sample Number	Transect	Depth of Sample	Observations
1	1	12"	First try 4"; pea gravel w/ wood chips; no MGP reduals or odors
2	1	12"	Pea gravel w/ wood chips; no MGP residuals or odors
3	2	8"	First try no sample; pea gravel w/ wood chips; no MGP residuals or odors
4	2	22"	Pea gravel w/ wood chips; no MGP residuals or odors

APPENDIX I

STEVENS POINT MUNICIPAL WELL INFORMATION AND STORM SEWER CORRESPONDENCE AND FIGURE 7 AND TABLES 6 THROUGH 8 (ANNUAL GROUNDWATER MONITORING REPORT, MARCH 15, 2004)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WELL #10
NORTHPOINT DR
WELL #8
WELL #7
WELL #6
2nd ST N
MICHIGAN AVE N
GREEN AVE N
WELL #9
I 39
STANLEY ST
GREEN AVE
4th AVE
2nd ST
CENTERPOINT DR
DIVISION ST
PARK
STRONGS AVE
WELL #4
MAIN ST
MAIN ST
MAIN ST
US 10
US 10
CLARK ST
WELL #5
COUNTRY CLUB RD
I 39
CHURCH ST
STRONGS
MICHIGAN AVE
COUNTRY CLUB DR
WATER ST
PATCH ST

Place	Population	Ownership	Year System Installed	Average Daily Pumpage (Thousands of gal.)	System Supply Data							Pump Capacity		Storage		
					Source	Well Number	Year Installed	Well Depth or Intake Length (ft.)	Water Bearing Formation(s)	Treatment	Distributn Piping	Low Lift (GPM)	High Lift (GPM)	Relift (Thousands of gal.)	Elevated (Thousands of gal.)	Pressure Tank (Thousands of gal.)
Star Prairie	420	Village	1976	38							CI DI		250		50	
					Drilled Well	1	1977	315	S				250			
Stevens Point	22970	City	1888	4354							CI	9600	4860	2250	1000	
					Scr/Pk Well	4	1960	53	D	Dc Va		2000	4860			
					Scr/Pk Well	5	1966	80	D	Dc Va		1400	4860			
					Scrnd Well	6	1967	90	D	Dc Va		2350	4860			
					Scrnd Well	7	1967	80	D	Dc Va		2350	4860			
					Scrnd Well	8	1967	85	D	Dc Va		2350	4860			
					Scrnd Well	9	1968	80	D	Dc Va		1150	4860			
	Well #4 is on standby. All wells discharge through a common header into the 2.25 million gallon ground reservoir.															
Stitzer	200	Stitzer	1948	12							AC	35	220	30		10
		S.D. #1			Drilled Well	1	1948	476	LS	I Ap Fpb Dh		35	220			
Stoddard	762	Village	1941	68							CI		650		80	
					Drilled Well	1	1940	152	S	Dh			150			
					Scr/Pk Well	2	1977	127	D	Dh			500			
		Stone														
Stone Lake	315	Lake	1976	32							P		120		30	
		S.D.			Drilled Well	1	1976	270	S				120			
Stoughton	7589	City	1885	1221							CI	500	4660	350	550	
					Drilled Well	3	1947	950	S	Dh Va		500	2460			
					Drilled Well	4	1963	969	S	Dh Va			1300			
					Drilled Well	5	1977	1113	S	Dh Va			900			
					Drilled Well	6			S	Dh Va						
	Well #6 is under construction.															

**Natural
Resource
Technology, Inc.**

MEMORANDUM

TO: **Mr. Patrick Oldenburg, WDNR**

FROM: **Eric Kovatch, NRT**

CC: **Ms. Shirley Scharff, WSPC and Mr. Tom Hvizdak, WDNR**

DATE: **November 2, 2004**

RE: **Storm Sewer Base Flow Estimate Calculations Summary
WPSC Stevens Point Former Manufactured gas Plant**

Purpose

This memorandum provides a summary of the estimated base flow in the City of Stevens Point storm sewer system that passes through the former WPSC manufactured gas plant area in Stevens Point, Wisconsin. This is a follow up to our September 17, 2004 letter and subsequent telephone conversation regarding establishment of preliminary limits for groundwater discharge of polynuclear aromatic hydrocarbons (PAHs) to the referenced storm sewer. Occasional groundwater discharges to the storm sewer may occur as discussed in previous reports due to perforated section that was installed by City in 1980s. The purpose of this memorandum is to provide an estimate of the base flow in the sewer for comparison to applicable water quality based limits for the receiving stream (Wisconsin River).

General Assumptions

Base flow calculation assumptions include the following:

- Base flow is attributed to discharge from surrounding groundwater;
- The Chezy-Manning equation was used to calculate the approximate base flow;
- Depth of flow in pipe as recorded during low flow times is conservatively equal to base flow (no significant rainfall related flow); and,
- The resulting base flow estimate could be adjusted downward to recognize occasional discharge only (i.e. when groundwater elevations are below the invert of sewer pipe), at which time there would be no flow into sewer from site vicinity.

Method

Based on the perforated storm sewer pipe "upstream" of manhole MH-4, the estimated base flow in the storm sewer was calculated for periods when the nearby water levels in site monitoring wells were above the elevation of the perforations in the storm sewer, which are present at an elevation of 1080.44 feet. A hydrograph of groundwater elevations at OW-6 for the period from just prior to January 1, 1999 through July 20, 2004 was constructed and used to calculate the average water depth in the storm sewer pipe during this period. This period (between November 17, 1998 and the present) corresponds to the time since site remediation activities were completed and groundwater monitoring began. The average depth was calculated by dividing these overall computed depth from the hydrograph by the number of days (2,164) in the analysis. Based on the hydrograph, NRT determined that the average depth of water in the pipe is 0.038 feet over this period (see attached calculation sheet).

The Chezy-Manning equation was used to calculate an average base flow number that could be used to estimate the water quality discharge limits to the Wisconsin River. The Chezy-Manning equation includes the following:

$$Q = \frac{1.49}{n} (A)\, r_H^{2/3} \sqrt{S}$$

Where :

Q= Flow (ft^3/second)
A = The cross-sectional area of the water in the pipe (ft^2)
r_H = hydraulic radius (which equals A/P) (ft)
P = Wetted perimeter (ft)
S = Slope (ft/ft)
n = roughness coefficient (0.014 for concrete)

Basic assumptions used in the calculation included the following:

- The inner diameter of the concrete sewer pipe is 27 inches;
- Flow within the pipe is uniform and constant; and,
- The slope of the sewer is constant between MH-4 and MH-3.

The average depth estimate (0.038 feet) was required to calculate both the wetted perimeter and the area through which water flows in the pipe, which in turn are used to calculate the hydraulic radius. Based on the average water height, the wetted perimeter and area were calculated to be 0.586 ft and 0.015 ft^2, respectively, and the resulting hydraulic radius is 0.026 ft.

The invert elevations between MH-4 and MH-3 were used to determine the pipe slope. These elevations are 1080.11 feet mean sea level (MSL) and 1079.51 feet MSL, respectively, and the pipe extends a distance of 159 feet. The corresponding slope was calculated to be 0.004 ft/ft.

Results

Based on the attached information and value for each parameter, the Chezy-Manning equation results indicate that base flow in the pipe is on the order to 0.009 ft^3/sec or 4 gallons per minute (see attached calculation sheet). This is the general contribution of base flow to the storm sewer resulting from elevated groundwater levels in the vicinity of the perforated storm sewer pipe.

It is assumed that this analysis is sufficient for the purpose of calculating preliminary discharge limits for the PAHs present in site soils. Further, this is a generally conservative analysis of the contribution of groundwater to the storm sewer base flow, as well measurements are only obtained on a quarterly basis for the site, and it is likely that groundwater do not remain at levels exceeding the sewer line perforation for extended periods of time. Depending on the preliminary discharge limits calculated for the site, a more detailed analysis of the groundwater contribution to storm sewer base flow at the site may be warranted.

Sewer Hydrograph & Water Height Calculation Sheet
Stevens Point Storm Sewer

Hydrograph Area Calculation for the height of water in the sewer is....

0.5*(height)*(#days/2)*2

Area	Height (ft)	Time Period	Days	ft*days
1	0.08	11/17/98 - 08/21/99	277	11.08
2	0.03	08/16/00 - 09/15/00	30	0.45
3	0.21	07/22/02 - 08/29/03	403	42.32
4	0.28	03/13/04 - 10/07/04	208	29.12
			Total ft*days =	**82.97**

Total days from 11/17/98 through 10/20/04 = 2,164

Average water height in the sewer since 11/17/98 = Total ft*days/#days.

0.038 ft of water in the sewer

Chezy Manning Eqaution **$Q = (1.49/n)*(A)*r_H^{0.667}*\sqrt{S}$**

Q = Flow (ft^3/second)

A = The cross-sectional area of the water in the pipe (ft^2)

P = Wetted perimeter (ft)

r_H = hydraulic radius (which equals A/P) (ft)

S = Slope (ft/ft) [(1080.11-1079.51)/159]

n = roughness coefficient (0.014 for concrete)

Results for a depth of 0.038 ft....

A = 0.015 ft^2

P = 0.586 ft

r_H = 0.026 ft

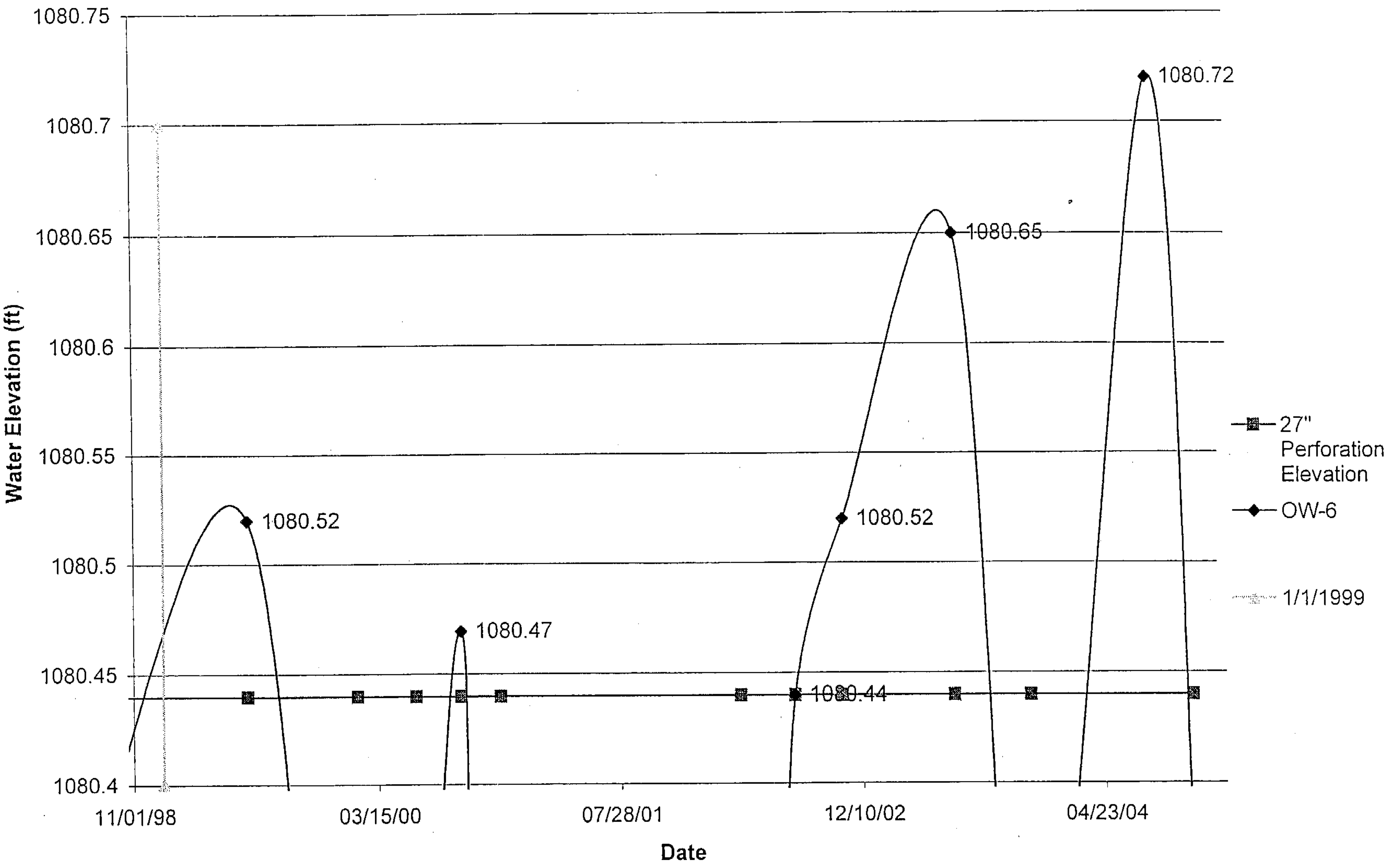
S = 0.004

n = 0.014

Q = 0.009 ft^3/sec

3.9 gallons per minute

Water Elevation at OW-6 Compared to Perforated Sewer Invert at MH-4



WISCONSIN
DEPT. OF NATURAL RESOURCES

State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Jim Doyle, Governor
Scott Hassett, Secretary
Scott Humrickhouse, Regional Director

West Central Region Headquarters
1300 W. Clairemont Avenue
PO Box 4001
Eau Claire, Wisconsin 54702-4001
Telephone 715-839-3700
FAX 715-839-6076
TTY Access via relay - 711

~~November 30, 2004~~DRAFT

Eric P. Kovatch
Natural Resource Technology
23713 W. Paul Rd. Unit D
Pewaukee, WI 53072

Subject: Request for Preliminary Discharge Limits for the former Wisconsin Public Service Corporation Manufactured Gas Plant, 111 Crosby Ave, Stevens Point WI.

Dear Mr. Kovatch:

This letter is in response to your letter of 17 September 2004 and follow-up memo of 2 November 2004 requesting preliminary effluent limitations for discharge of contaminated groundwater from storm sewers located near the former Wisconsin Public Service Corporation Manufactured Gas Plant, 111 Crosby Ave, Stevens Point, WI.

I have completed and attached the preliminary water quality based effluent limitations for this project. However it must be noted that wastewater treatment for pollutant removal is required for all discharges of contaminated groundwater, including pump test wastewaters. This treatment requirement is consistent with section 301(b)(2) of the Clean Water Act and the corresponding section 283.13 (2)(b) of the Wisconsin Statutes. The level of treatment shall be adequate to assure compliance with water quality standards (water quality based effluent limits) or shall be equivalent to Best Available Treatment Economically Achievable (BAT), which ever is more restrictive.

In the case of contaminated groundwater, those BAT limits are in the current Wisconsin Discharge General Permit for discharging Contaminated Groundwater from Remedial Action Operations (Permit No. WI-0046566-4). So, while the water quality based limits may be more restrictive than those in the general permit or address contaminants not covered by the general permit, they can offer no relief from those BAT limits.

The attached table represents preliminary water quality based limits for those parameters for which either there are criteria in ch. NR 105 or for which there have been secondary values calculated in the past for other projects. Secondary values are calculated based on the procedures in ch. NR 105 for toxic substances that do not currently have criteria in ch. NR 105, and are calculated on a case by case basis as an individual permit is evaluated. A number of parameters that were detected in the discharge either have not had secondary values calculated in the past or there was insufficient data at the time to calculate secondary values.

Based on this preliminary evaluation it appears that either the BAT limits will be controlling for most substances, and the permit conditions set forth in General Permit No. WI-0046566-4 should be protective of water quality in this case. If you have any additional questions or comments, please fee free to contact me at (715) 831-3262 or via e-mail at Patrick.Oldenburg@dnr.state.wi.us.

Respectfully,

Patrick Oldenburg
Water Resources Engineer

Attachment

Cc: Tom Hvizdak – WCR/WI Rapids (via e-mail)
Joe Behlen – WCR (via e-mail)

Preliminary Calculation of Water Quality-Based Limits for Limits for the former Wisconsin Public Service Corporation Manufactured Gas Plant, 111 Crosby Ave, Stevens Point WI. Prepared by Pat Oldenburg-WDNR, 29 November 2004

Summary of Water Quality Based Limit Calculations:

Water Quality Based Effluent Limit Calculations for:	Former Wisconsin Public Service Corporation Manufactured Gas Plant Site
Receiving Water:	Wisconsin River @ Stevens Point
Classification:	Warm Water Sport Fish Community, Non-public Water Supply

Flows	7Q10	7Q2	90Q10	Estimated Harmonic Mean
	1,110	1,740		2,697

% Used For Mixing = 25

Effluent Information: Outfall Number		f	Daily Average Flow (mgd)	(cfs)
	001		0.057 (1)	0.09
Effluent Dilution due to ZID		=		NA

Calculation Of Effluent Limitations Based on Acute Toxicity Criteria (ATC) (ug/L)

SUBSTANCE	REF. HARD. or pH	ATC	MAX. EFFL. LIMIT
Anthracene (2)		0.4561	0.91
Benzo(a)pyrene		0.38	0.76
Fluoranthene		7.9	15.80
Fluorene		58	116.00
Naphthalene		344	688.00
Phenanthrene		61	122.00
Pyrene		140	280.00
1-Methyl Naphthalene		109	218.00
2-Methyl Naphthalene		112	224.00
Arsenic (3)		**339.80**	**679.60**
Cyanide		**45.78**	**91.56**

Calculation Of Effluent Limitations Based on Chronic Toxicity Criteria (CTC) (ug/L)

Receiving Water Flow = 277.5 Cfs

SUBSTANCE	REF. HARD. or pH	CTC	MEAN BACK-GRD.	WEEKLY AVE. LIMIT
		0.0253		80
Anthracene				
Benzo(a)pyrene		0.021		66
Fluoranthene		2.3		7.24E+03
Fluorene		3.2		1.01E+04
Naphthalene		19		5.98E+04
Phenanthrene		3.4		1.07E+04
Pyrene		7.8		2.46E+04
1-Methyl Naphthalene		6.1		1.92E+04
2-Methyl Naphthalene		6.2		
Arsenic		**152.20**		**4.79E+05**
Cyanide		**11.47**		**3.61E+04**

Calculation Of Effluent Limitations Based on Human Threshold Criteria (HTC) (ug/L)

Receiving Water Flow = 674.25 Cfs

SUBSTANCE	HTC	MEAN BACK-GRD.	MO'LY AVE. LIMIT
	1.37E+03		1.05E+07
Anthracene			
Fluoranthene	4.30E+03		3.29E+07
Fluorene	65.9		5.04E+05
Pyrene	126		9.63E+05
m-xylene	2.44E+05		1.86E+09
Benzene	**610**		**4.66E+06**
Ethylbenzene	**1.20E+04**		**9.18E+07**
Toluene	**7.60E+04**		**5.81E+08**
Cyanide	**4.00E+04**		**3.06E+08**

Calculation Of Effluent Limitations Based on Human Cancer Criteria (HCC) (ug/L)

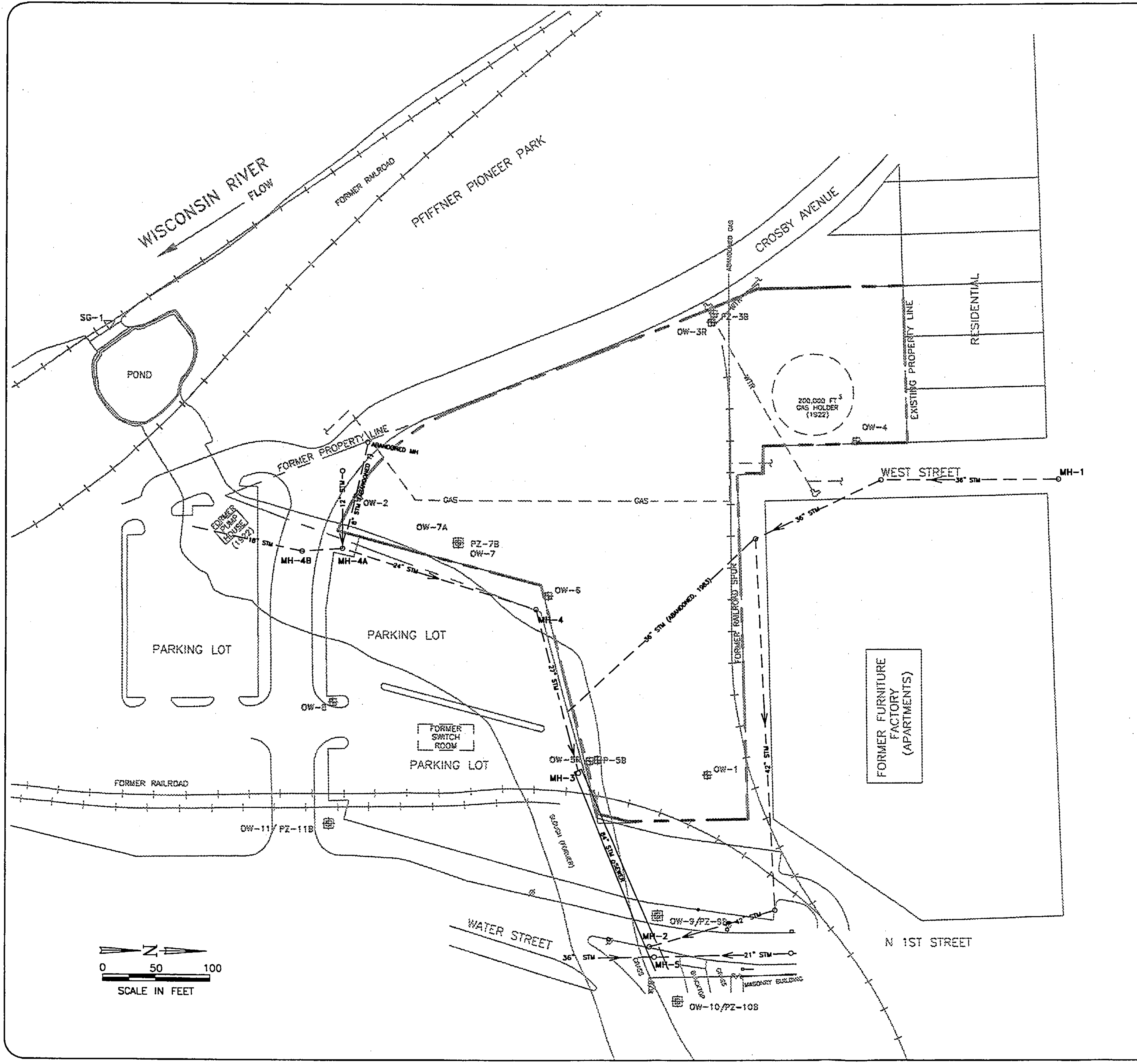
Receiving Water Flow = 674.25 Cfs

SUBSTANCE	HCC	MEAN BACK-GRD.	MO'LY AVE. LIMIT
	3.43E-05		0.262
Benzo(a)pyrene			
Naphthalene	1945		1.49E+07
Arsenic	**50**		**3.82E+05**

1) This value represents the maximum annual average flow per s. NR 106.06(3)(d)(2), and is based on the average flow from 22 July 2002 to 29 August 2003 using the methods outlined in you 2 November 2004 memo.
2) Limitations for substances in *Italics* are based on secondary values.
3) Limitations for substances in **Bold** are based on criteria in ch. NR 105.

Summary of Secondary Values and Last Evaluation Date:

Substance	ATC	CTC	WC	HTC	HCC	Date Last Calculated
1-Methyl Naphthalene	109	6.1				Nov '01
2-Methyl Naphthalene	112	6.2				Nov '01
Acenaphthene						Not Previously Calculated
Acenaphthylene						Insufficient Data Nov '01
Anthracene	0.4561	0.0253		1374		Sept '02
Benzo(a)-anthracene						Insufficient Data Sept '02
Benzo(a)pyrene	0.38	0.021			3.43E-05	Sept '02
Benzo(b)-fluoranthene						Not Previously Calculated
Benzo(ghi)perylene						Insufficient Data Sept '02
Benzo(k)-fluoranthene						Insufficient Data Sept '02
Chrysene						Insufficient Data Sept '02
Dibenzo(a,h)-anthracene						Insufficient Data Oct '02
Fluoranthene	7.9	2.3		4300		Sept '02
Fluorene	58	3.2		65.9		May '04
Indeno-(1,2,3-cd)pyrene						Insufficient Data Sept '02
Naphthalene	344	19			1945	Sept '02
Phenanthrene	61	3.4				May '04 (cold water)
Pyrene	140	7.8		126		Sept '02



LEGEND

MH-1 ○	STORM SEWER MANHOLE
— —STM— —	STORM SEWER
OW-1 ⊞	WATER TABLE OBSERVATION WELL
OW-9 /PZ-9B ⊞	NESTED MONITORING/PIEZOMETER WELL
P-5B ⊞	PIEZOMETER
SG-1 ▽	STAFF GAUGE
	HYDRANT
Ø	UTILITY POLE
— —WTR— —	WATER LINE
— —GAS— —	GAS LINE
MGP	MANUFACTURED GAS PLANT
⌐ — ¬	FORMER BUILDINGS
⊂⊃	FORMER MGP PROCESS STRUCTURES
+++++++	FORMER RAILROAD

NOTES:
SUBSURFACE UTILITY LINE AND FORMER STRUCTURES/BUILDINGS LOCATIONS ARE APPROXIMATE.

SOURCE NOTE:
THIS MAP WAS DEVELOPED FROM DRAWINGS BY SIMON HYDRO-SEARCH, DATED 02/11/94, DRAWING NO. 3075-d8 AND DRAWING NO. 3075-d2, DATED 11/15/93, PROJECT 304533075, A MAP FROM THE CITY OF STEVENS POINT, DRAWING E2 M-1461, DATE UNKNOWN, A MAP FROM THE CITY OF STEVENS POINT, DRAWING A-3 M-1456, DATED 1986, AND DRAWINGS FROM WISCONSIN PUBLIC SERVICE CORP., WSK509.DWG AND STPTGAS.DWG. GAS LINE TAKEN FROM WSK509.DWG AND ABANDONED GAS LINE TAKEN FROM WPSC W.O. 0013098081, STEVENS POINT AREA MAP NO. 2106-252. ALL LOCATIONS INCLUDING UTILITIES ARE APPROXIMATE.

STATE PLANE COORDINATES FOR SOIL BORINGS (B-1XX), HYDRO-PUNCH BORINGS (HP-1XX), MONITORING WELLS OW-1 THROUGH OW-8 AND PIEZOMETER P5B INSTALLED BY SIMON HYDRO-SEARCH WERE ESTABLISHED IN SURVEYS CONDUCTED IN 1993 BY KIEDROWSKI ENGINEERING, INC. STATE PLANE COORDINATES ESTABLISHED BY WISCONSIN PUBLIC SERVICE IN 1998 INCLUDING MONITORING WELLS OW-1 THROUGH OW-4, OW-6 THROUGH OW-8 AND PIEZOMETER P5B INDICATE AN AVERAGE DISCREPANCY IN THE KIEDROWSKI LOCATIONS OF 22.42 FEET IN A DIRECTION 196°22'13" FROM NORTH. REVISED MONITORING WELL AND PIEZOMETER LOCATIONS SURVEYED BY WPSC ARE SHOWN. SIMON HYDRO-SEARCH SOIL BORING AND HYDRO-PUNCH LOCATIONS COULD NOT BE RELOCATED IN THE FIELD, AND THEREFORE, WERE NOT MODIFIED.

A SURVEY FROM WPSC DATED JANUARY 31, 2000 LOCATED NEW WELLS AND BORINGS (SB-207 THROUGH SB-216 INSTALLED JANUARY 2000).

A SURVEY FROM WPSC DATED 6/2/00 LOCATED MH-1, SG-1 AT BRIDGE AND RIVERS NORTH EDGE. RIVERS NORTH EDGE ESTABLISHES TRANSECT POLING AND SEDIMENT SAMPLE MARKER LOCATIONS. POLING AND SEDIMENT SAMPLE LOCATIONS FIELD MEASURED BY NRT AND TIED TO TRANSECT MARKERS ESTABLISHED BY WPSC ON 6/2/00.

POND SEDIMENT SAMPLINGS FIELD MEASURED BY NRT.

UNSURVEYED PORTION OF RIVER AND ISLAND FROM EARTHVISIONS U.S. TERRAIN SERIES © EARTHVISIONS, INC. 603-433-8500.

DRAWN BY:	TAS	DATE:	10/14/03
CHECKED BY:	EPK	DATE:	02/13/04
APPROVED BY:	JAZ	DATE:	03/15/04
CAD FILE:	1177-134-B06.DWG		
REF FILE:	NONE		

STORM SEWER AND MANHOLE LOCATIONS

2003 GROUNDWATER QUALITY UPDATE
WISCONSIN PUBLIC SERVICE CORPORATION
FORMER MANUFACTURE GAS PLANT, STEVENS POINT, WISCONSIN

Natural
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PROJECT NO.
1177/13.4

FIGURE NO.
7

Table 6. Storm Sewer Manhole Elevations and Conditions

Wisconsin Public Service - Former Stevens Point Manufactured Gas Plant Site

1111 Crosby Avenue, Stevens Point, Wisconsin

BRRTS # 02-50-000079 / FID # 750081200

Manhole Location	Manhole Construction Detail Elevations (MSL)		Sampling Date	Depth to Water from Manhole (feet)	Water Elevation (MSL)	Comments	Water Table Elevation at Closest Well (MSL)		
							Well	Date	Groundwater Elevation
MH-1	Rim	1084.91*	05/30/00	6.92	1077.99	--	NA	NA	--
	Manhole Base	1077.06	08/31/00	6.69	1078.22	medium flow			
	Perforated Storm Sewer Invert	--	11/21/00	6.88	1078.03	medium flow			
	Lowest Perforation***	--	04/01/02	6.85	1078.06	high flow, rust colored flocculent and sheen present			
	84" Invert	--	07/22/02	6.85	1078.06	medium flow			
	Other Inverts	--	10/28/02	7.00	1077.91	medium flow, light tan, no flocculent			
			11/20/03	6.75	1078.16	fast flow, clear, no odor/sheen			
MH-2	Rim	1088.56**	05/30/00	10.50	1078.06	--	NA	NA	--
	Manhole Base	1076.01				Manhole was not sampled after 05/30/2000			
	Perforated Storm Sewer Invert	--							
	Lowest Perforation***	--							
	84" Invert	-- E,W							
	Other Inverts	1076.54 N							
MH-3	Rim	1087.08**	05/30/00	9.10	1077.98	--	OW-5R	05/31/00	1079.29
	Manhole Base	1076.18	08/31/00	9.26	1077.82	low flow, standing water		08/31/00	1079.48
	Perforated Storm Sewer Invert	1079.51 W	11/21/00	9.00	1078.08	low flow		11/21/00	1079.02
	Lowest Perforation***	1079.84	04/01/02	9.10	1077.98	fast incoming flow, light orange flocculent		04/01/02	1079.05
	84" Invert	1075.85 E	07/22/02	6.00	1081.08	--		07/22/02	1079.46
	Other Inverts	--	10/28/02	9.10	1077.98	fast flow, orange flocculent		10/28/02	1079.59
			11/20/03	8.88	1078.20	fast incoming flow, odor, clear		11/20/03	1079.17
MH-4	Rim	1085.00**	05/30/00	4.80	1080.20	very low flow	OW-6	05/31/00	1080.21
	Manhole Base	1080.08	08/31/00	4.88	1080.12	very low flow		08/31/00	1080.47
	Perforated Storm Sewer Invert	1080.11 E,S	11/21/00	dry	dry	--		11/21/00	1080.18
	Lowest Perforation***	1080.44	04/01/02	4.91	1080.09	very low flow, odor		04/01/02	1080.15
	84" Invert	--	07/22/02	dry	dry	very low flow, odor		07/22/02	1080.44
	Other Inverts	--	10/28/02	4.87	1080.13	low flow, brown		10/28/02	1080.52
			11/20/03	4.68	1080.32	slow flow, odor, clear		11/20/03	1080.23

Table 6. Storm Sewer Manhole Elevations and Conditions

Wisconsin Public Service - Former Stevens Point Manufactured Gas Plant Site
1111 Crosby Avenue, Stevens Point, Wisconsin
BRRTS # 02-50-000079 / FID # 750081200

Manhole Location	Manhole Construction Detail Elevations (MSL)		Sampling Date	Depth to Water from Manhole (feet)	Water Elevation (MSL)	Comments	Water Table Elevation at Closest Well (MSL)		
							Well	Date	Groundwater Elevation
MH-5	Rim	1088.41**	05/30/00	10.71	1077.70	--	OW-10	05/31/00	1078.41
	Manhole Base	1077.31	08/31/00	10.56	1077.85	low flow, standing water		08/31/00	1079.78
	Perforated Storm Sewer Invert	--	11/21/00	10.58	1077.83	medium flow		11/21/00	1078.44
	Lowest Perforation***	--	04/01/02	10.63	1077.78	medium flow, suspended solids observed		04/01/02	1078.60
	84" Invert	1075.71 E,W	07/22/02	10.75	1077.66	Low flow		07/22/02	1078.76
	Other Inverts	1078.63 S / 1080.57 N	10/28/02	10.56	1077.85	slow to medium flow		10/28/02	1078.94
			11/20/03	10.55	1077.86	fast flow, clear, no odor/sheen		11/20/03	1078.64
MH-4A	Rim	1087.53**				Manhole has not been sampled	OW-2	05/31/00	1080.66
	Manhole Base	--						08/31/00	1080.64
	Perforated Storm Sewer Invert	1080.87 N,S						11/21/00	1080.36
	Lowest Perforation***	1081.20						04/01/02	1080.68
	84" Invert	--						07/22/02	1080.69
	Other Inverts	--						10/28/02	1080.74
								11/20/03	1080.68
MH-4B	Rim	1086.66**				Manhole has not been sampled	OW-2	05/31/00	1080.66
	Manhole Base	--						08/31/00	1080.64
	Perforated Storm Sewer Invert	1080.98 N						11/21/00	1080.36
	Lowest Perforation***	1081.31						04/01/02	1080.68
	84" Invert	--						07/22/02	1080.69
	Other Inverts	--						10/28/02	1080.74
								11/20/03	1080.68

[JAZ/HMS-05/01][JTB/PAH-02/03]

Notes:

* : Rim elevation from WPSC Survey on 05/30/00
** : From City of Stevens Point Storm Sewer Maps
*** : Approximate elevation of lowest perforation is equal to invert + 0.33 feet (4 inches)
MSL : Mean Sea Level utilizing City of Stevens Point Datum + 992.04 feet
-- : Notes not available

Table 7. Storm Sewer Analytical Results - BTEX and Cyanide

Wisconsin Public Service - Former Stevens Point Manufactured Gas Plant Site

1111 Crosby Avenue, Stevens Point, Wisconsin

BRRTS # 02-50-000079 / FID # 750081200

		BTEX (µg/L)					
Location	Date	Benzene	Ethylbenzene	Toluene	Xylenes (total)	Total BTEX	Total Cyanide (mg/L)
General Wisconsin Pollutant Discharge Elimination System (WPDES) Permit Limits (µg/L)							
Effluent Limit Daily Maximum		ns	ns	ns	ns	750	ns
Effluent Limit Monthly Average		50	ns	ns	ns	ns	ns
MH-1	05/30/00	<0.5	<0.6	<0.6	<0.77	nd	0.003
	08/31/00	<0.5	<0.6	<0.6	<0.77	nd	0.002
	11/21/00 A	<0.5	<0.6	<0.6	<0.77	nd	0.002
	04/03/02	<0.45	<0.82	<0.68	<0.77	nd	0.015
	07/22/02	<0.45	<0.82	<0.68	<0.77	nd	<0.0023
	10/28/02	<0.45	<0.82	<0.68	<1.7	nd	0.0030 Q
	11/20/03	<0.30	<0.60	<0.58	<1.2	nd	0.0061 Q
MH-2	05/30/00	2.3	1.4	<0.6	2.8	6.5	--
		Manhole was not sampled after 05/30/2000					
MH-3	05/30/00	6.4	5.9	0.9	9.1	22	0.021
	08/31/00	16	10	0.85	13	40	0.066
	11/21/00 A	20	10	0.87	17	48	0.052
	04/03/02	13	13	1.5 Q	8.4	36	0.077
	07/22/02	8.0	9.2	0.80 Q	12.7	31	0.092
	10/28/02	13	10	0.79 Q	13.6	37	0.055
	11/20/03	10	8.5	0.69 Q	12.3	32	0.035
MH-4	05/30/00	6.3	17	2.9	25	51	0.029
	08/31/00	5.5	11	1	11	29	0.060
	11/21/00	dry	dry	dry	dry	dry	dry
	04/03/02	4.4	14	2.6	13	34	0.040
	07/22/02	5.1	12	1.3 Q	16.7	35	0.046
	10/28/02	4.5	10	1.1 Q	15.1	31	0.021
	11/20/03	5.4	14	1.5 Q	19.8	41	0.034
MH-5	05/30/00	1.2	0.72	<0.6	<0.77	1.9	0.004
	08/31/00	<0.5	<0.6	<0.6	<0.77	nd	0.013
	11/21/00 A	0.83	<0.6	<0.6	<0.77	0.8	0.007
	04/03/02	0.76 Q	<0.82	<0.68	<0.77	0.8	<0.77
	07/22/02	1.1	<0.82	<0.68	<0.77	1.1	0.0088
	10/28/02	1.1 Q	<0.82	<0.68	<1.7	1.1	0.010
	11/20/03	0.76 Q	<0.60	<0.58	<1.2	0.8	0.0074

[JTB/SAG-12/00][RJC/SAG-05/02][JTB/PAH-02/03][U-LJH/7 12/03]

Notes:

-- : Analysis not performed

nd : parameter(s) not detected in this sample.

< : analyte was not detected above the limit of detection (LOD) indicated

ns : General WPDES Permit limits have not been established

A : BTEX analysis on 11/21/2000 sample date exceeded holding time, results may be biased low

Q : Laboratory qualifier - The analyte has been detected between the limit of detection and the limit of quantitation (LOQ). The results are qualified due to the uncertainty of analyte concentrations within this range.

Table 8. Storm Sewer Analytical Results - PAHs

Wisconsin Public Service - Former Stevens Point Manufactured Gas Plant Site
1111 Crosby Avenue, Stevens Point, Wisconsin
BRRTS # 02-50-000079 / FID # 750081200

Location	Date	Polynuclear Aromatic Hydrocarbons (µg/L)																			
		Acenaphthene	Acenaphthylene	Anthracene	Benz(a) anthracene **	Benzo(a) pyrene	Benzo(b) fluoranthene **	Benzo(ghi) perylene **	Benzo(k) fluoranthene **	Chrysene **	Dibenz(a,h) anthracene **	Fluoranthene **	Fluorene	Indeno(1,2,3-cd) pyrene **	Naphthalene	Phenanthrene **	Pyrene **	1-Methyl-naphthalene	2-Methyl-naphthalene	Total PAHs	Total PAHs (** PAHs from General Permit)
		Wisconsin Discharge Permit from Contaminated Groundwater from Remedial Action Operation Limits (April 2001) µg/L																			
Effluent Limit Monthly Average		ns	ns	ns	ns	**0.1**	ns	ns	ns	ns	ns	ns	ns	ns	**70**	ns	ns	ns	ns	ns	**0.1**
MH-1	05/30/00	<0.13	<0.15	<0.02	<0.11	<0.013	0.11	<0.074	<0.11	0.07	<0.068	0.21	<0.11	<0.08	0.1	0.13	0.16	<0.082	<0.072	0.8	**0.7**
	08/31/00	<0.13	<0.15	<0.020	<0.11	<0.013	<0.055	<0.074	<0.11	<0.059	<0.068	0.11	<0.11	<0.080	2.3	0.12	<0.032	<0.082	<0.072	2.5	**0.2**
	11/21/00	<0.4	<0.46	<0.060	<0.34	<0.040	0.37	<0.22	<0.34	0.77	<0.21	<0.2	<0.34	<0.24	<0.17	<0.14	<0.097	<0.25	<0.22	1.1	**1.1**
	04/03/02	0.049 A,Q	<0.023A	<0.020A	0.066	0.082	0.10	0.077	0.073	0.091	0.018 Q	0.16 A	0.025 A,Q	0.065	0.100 A	0.075 A	0.15	0.040 A,Q	0.042 A,Q	1.2	**0.9**
	11/21/00	2.2	0.32	1.2	0.11	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	0.15	<0.050	<0.050	1.7	0.77	0.19	1.4	0.17	8.2	**1.2**
	04/03/02	0.049 A,Q	<0.023	<0.020	0.066	0.082	0.10	0.077	0.073	0.091	0.018 Q	0.16 A	0.025 A,Q	0.065	0.100 A	0.075 A	0.15	0.040 A,Q	0.042 A,Q	1.2	**0.9**
	07/22/02	0.082	<0.023	<0.020	0.077	0.082	0.075	0.054	0.056	0.068	0.019 Q	0.14	0.031 Q	0.048	0.23	0.077	0.12	0.050 Q	0.046 Q	1.3	**0.7**
	10/28/02	<0.020	<0.023	<0.020	<0.019	0.013 Q	<0.014	<0.015	<0.013	<0.018	<0.017	<0.028	0.034 Q	<0.014	0.26	0.028 Q	<0.020	0.059 Q	0.039 Q	0.4	0.0
	11/20/03	0.045 Q	<0.019	<0.020	0.033 Q	0.039 Q	0.041 Q	0.033 Q	0.031 Q	0.044 Q	<0.016	0.10	0.019 Q	0.026 Q	0.053 Q,B	0.046 Q	0.084	0.027 Q,B	0.019 Q,B	0.6	**0.2**
MH-2	05/30/00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MH-3	05/30/00	13	<0.15	0.66	0.34	<0.013	0.3	<0.075	0.28	0.49	<0.069	1.4	6.9	<0.082	3.6	3.6	0.56	6.6	1.9	40	**7.0**
	08/31/00	36	<0.15	2.1	<0.11	<0.013	<0.11	<0.074	<0.11	<0.059	<0.068	1.5	15	<0.080	2.3	7.9	0.82	16	1.7	83	**10**
	11/21/00	35	<0.15	1.3	<0.11	<0.013	<0.055	<0.074	<0.11	<0.059	<0.068	1.4	9.8	<0.080	28	7.0	<0.032	14	<0.072	97	**8.4**
	04/03/02	1.2 A	0.54 A,Q	1.2 A,Q	<0.38	<0.24	<0.28	<0.30	<0.26	<0.36	<0.34	1.6 A,Q	7.5 A	<0.28	26 Q,C	7.3 A	0.91 Q	11 Q,C	2.9 A	60	**9.8**
	07/22/02	23 C	0.96 Q	2.3 C	<0.38	<0.24	<0.28	<0.30	<0.26	<0.36	<0.34	1.6 Q	9.0 Q,C	<0.28	47 C	9.5 Q,C	1.2 Q	16 Q,C	5.5	116	**12**
	10/28/02	36	<4.6	<4.0	<3.8	<2.4	<2.8	<3.0	<2.6	<3.6	<3.4	<5.6	15	<2.8	**91**	14	<4.0	14	8.0 Q	178	**14**
	11/20/03	37	14 Q	<4.0	<2.4	<2.8	<2.6	<3.2	<3.8	<2.8	<3.2	<2.6	15	<4.2	54	15	<3.4	22	9.9Q	157	**15**
MH-4	05/30/00	16	<0.15	1.3	0.72	0.02	0.89	0.26	0.54	0.58	<0.068	2.1	9.2	0.44	0.32	3.8	1	7.8	1.3	46	**10**
	08/31/00	31	<0.15	0.29	<0.11	<0.013	0.34	0.24	<0.12	0.48	<0.069	1.8	18	0.27	0.86	12	1.5	12	<0.073	79	**17**
	11/21/00														sample was not collected, manhole was dry						
	04/03/02	19 A,C	0.72 A,Q	2.3 A	1.7	**2.3**	2.5	1.9	2.0	2.5	0.55 Q	7.7 A	13 A,C	1.8	<0.54A	6.1 A	5.2	4.9 A	<0.56A	74	**32**
	07/22/02	22 Q,C	0.96 Q	3.3	0.87 Q	**0.76**	0.71 Q	0.55 Q	0.71 Q	0.92 Q	<0.34	4.0	11 Q,C	0.50 Q	**120 C**	13 Q,C	2.9	16 Q,C	<14	198	**24**
	10/28/02	26	<2.3	3.7 Q	<1.9	**1.9 Q**	3.3 Q	2.9 Q	2.6 Q	3.1 Q	<1.7	8.1 Q	16	2.3 Q	<2.7	18	6.1 Q	7.9 Q	<2.8	102	**46**
	11/20/03	50	<5.7	7.2 Q	5.0 Q	**6.1 Q**	6.5 Q	<4.8	6.8 Q	8.1 Q	<4.8	23	25	<6.3	**71**	37	15 Q	35 Q	29	275	**65**
MH-5	05/30/00	2.7	<0.15	0.11	<0.12	<0.013	<0.055	<0.074	<0.11	<0.059	<0.068	0.17	1.2	<0.08	0.06	0.89	0.13	0.52	<0.072	5.8	**1.2**
	08/31/00	7.3	<0.15	0.2	<0.11	<0.013	0.96	<0.074	<0.11	0.36	<0.068	0.69	1.6	<0.08	0.55	0.48	0.49	0.2	<0.072	13	**3.0**
	11/21/00	2.2	<0.15	0.16	<0.11	<0.013	0.07	<0.074	<0.11	0.08	<0.068	0.33	0.41	<0.080	0.07	<0.045	0.19	0.71	<0.072	4.2	**0.7**
	04/03/02	1.8 A	0.14 A	0.081 A	0.12	**0.14**	0.17	0.13	0.14	0.17	0.027 Q	0.44 A	0.64 A	0.11	0.36 A	0.71 A	0.31	0.98 A	0.31 A,Q	6.8	**2.3**
	07/22/02	2.2 C	0.32	0.15	<0.019	0.013 Q	0.016 Q	<0.015	<0.013	<0.018	<0.017	0.19	0.77 C	<0.014	1.7 C	1.2 C	0.11	1.4 C	0.17	8.2	**1.5**
	10/28/02	3.2	0.25 Q	<0.20	<0.19	**0.14 Q**	0.20 Q	0.17 Q	0.16 Q	<0.18	<0.17	0.45 Q	1.3	<0.14	<0.27	0.79	0.30 Q	1.9	<0.28	8.9	**2.1**
	11/20/03	1.8 D	0.21	0.095	0.014 Q	<0.014	<0.013	<0.016	<0.019	<0.014	<0.016	0.12	0.72	<0.021	3.0 D	0.82 D	0.069 Q	1.3 D	0.21 B	1.2	**0.2**

Notes:

[JTB/SAG-12/00][RJC/SAG-05/02][JTB/PAH-02/03][LJH/PAR 12/03]

1) Concentrations that attain/exceed the General WPDES Permit limit are shown in **bold/underline**
ns : General WPDES Permit values have not been established.
A : Laboratory qualifier - Duplicate analyses not within control limits
C : Laboratory qualifier - Analyte value from dilute analysis, or surrogate result not applicable due to sample dilution
Q : Laboratory qualifier - The analyte has been detected between the limit of detection and the limit of quantitation (LOQ). The results are qualified due to the uncertainty of analyte concentrations within this range.