NATURAL RESOURCE TECHNOLOGY

Ms. Mary Logan
United States Environmental Protection Agency
77 W. Jackson Boulevard
Chicago, IL 60604-3590

November 28, 2005
(1313)

Mr. John Feeney
Wisconsin Department of Natural Resources
Richards Street Annex
4041 N. Richards Street
P.O. Box 12436
Milwaukee, Wisconsin 53212

RE: 2005 Annual Operation, Maintenance, and Monitoring Report
Former Wisconsin Public Service Corporation Manufactured Gas Plant Site,
Campmarina and Center Avenue Right-of-Way, Sheboygan, WI.
FID #: 460134950
DNR Activity #: 02-60-000095

Dear Ms. Logan and Mr. Feeney:

On behalf of Wisconsin Public Service Corporation (WPSC), enclosed is the Operation, Maintenance and Monitoring Report (O&M Report) for the period of November 1, 2004 through October 31, 2005 for the former WPSC Campmarina Manufactured Gas Plant (MGP) site in Sheboygan, Wisconsin (Figure 1). The report includes:

- Containment performance evaluation;
- Biosparge system performance evaluation; and
- Inspection results of institutional controls.

In addition, the WDNR Form 4400-194 (Operation, Maintenance, Monitoring and Optimization Reporting of Soil and Groundwater Remediation Systems) is included as Appendix A. Finally, a future monitoring schedule is included herein.

CONTAINMENT PERFORMANCE

The engineered components of the containment barrier consist of a sheet pile barrier wall keyed into a clay aquitard surrounding the perimeter of the site, and a geosynthetic cap across the entire site. The primary objective of the remedy is to effectively contain the MGP residuals remaining on-site. To demonstrate containment of the MGP residuals, two primary performance measures have been identified:

- Primary Measure: Evaluation of groundwater elevation data; and
- Secondary Measure: Evaluation of contaminant concentration trends in the shallow groundwater monitoring wells exterior to the containment barrier and the deep piezometer zone.

The groundwater plume remains contained based on groundwater elevation data, the primary measure of containment performance. Groundwater elevation data is summarized in Table 1-Groundwater Elevation and Vertical Gradients.

The groundwater elevations in MW-708 outside the containment barrier compared to the lower groundwater elevations in MW-706 within the containment barrier demonstrate upgradient containment has been achieved. The river elevation at staff gauge SG-703 has been below the groundwater elevations within the containment barrier, and there is no indication that water levels in the river have influenced groundwater elevations either within or exterior of the containment barrier, as shown on Figure 2. The measurements indicate that downgradient containment has been achieved.

Groundwater elevations exterior to the containment barrier indicate shallow groundwater flow to the northwest around the containment barrier. Groundwater elevations within the containment barrier indicate shallow groundwater flow to the west towards the river and a decreased horizontal gradient compared to 2004, as shown on Figure 3. Deeper groundwater appears to continue to flow to the southwest with almost no change since 2004, as shown on Figure 4.

The secondary measure of containment performance is contaminant concentration trends in shallow monitoring wells exterior to the containment barrier (MW-705, MW-708 and MW-709) and piezometers below the containment barrier (PZ-701, PZ-702 and PZ-703). Groundwater samples were collected from all the monitoring wells and piezometers in November 2004 and May 2005 via low flow sampling techniques. Results of the most recent rounds of groundwater monitoring are presented in Appendix B, and summarized in Figure 5, and Tables 2 and 3.

Contaminant concentrations in shallow monitoring wells exterior to the containment barrier and piezometers PZ-701 and PZ-702 (below the containment zone) including BTEX, PAHs and weak acid dissociable cyanide are below their respective NR 140 Preventive Action Limits (PAL) with the exception of benzene detected above the NR 140 Enforcement Standard (ES) at MW-708 and PZ-701 in November 2004. Please note that ES exceedances have not been historically observed at these wells (with the exception of benzene at PZ-701 in 1995) and these results appear to be anomalous.

At piezometer PZ-703, PAH and BTEX concentrations in May 2005 have decreased significantly from May and November 2004 sampling events, as evident on Tables 2 and 3. At PZ-703, the most recent measured naphthalene concentration is below the PAL for the first time since 1998. NRT will continue to evaluate and monitor PZ-703, and the containment system performance.

BIOSPARGE SYSTEM PERFORMANCE

As detailed in the 2004 annual O&M report, the low flow biosparge system consists of 18 biosparge wells, a perimeter drain within the containment barrier that is pitched to a sump located below the biosparge treatment building, a venting system stack, and a compressor, manifold conveyance piping and control panel to inject air to six wells at a time.

Operation and Maintenance

System operation and maintenance included:

- Monitoring for accumulation of vapor phase benzene, ethylbenzene, toluene, and total xylenes (BTEX) in the sump;
- Monitoring for any fluctuations in sump water levels;
- Adjustments to manifold cycling intervals currently set at 4 hours per day per well;
- Compressor oil and air filter changes;
- Monitoring of biosparge pressure readings; and
- Inspection of perimeter drain cleanouts.

Routine system monitoring and inspections are performed by WPSC personnel periodically, as shown on operation and maintenance logs provided in Appendix C. Alarm conditions and routine system status checks from the PLC control system are periodically reviewed by Natural Resource Technology, Inc. (NRT). The groundwater biosparge system has operated approximately 95.9% of the time between November 1, 2004 and October 31, 2005. The system was manually turned off before each groundwater monitoring event to allow time for the subsurface environment to reach equilibrium. In general, the system ran continuously without major problems or delays. Details of operation, maintenance and monitoring are provided in the WDNR Form 4400-194 (Appendix A).

Shallow Groundwater Monitoring

Shallow groundwater monitoring was used to evaluate biosparge system performance within the containment barrier based on the following:

- Contaminant Concentration Trends – decrease in contaminant concentrations over time in groundwater within the containment barrier (**Trend 1**); and,
- Geochemical Trends – evidence of increasing geochemical trends (i.e. methane) or decreasing geochemical trends (i.e. sulfate, nitrate) associated with increased biological activity, and evaluate dissolved oxygen (DO) trends during operation of the biosparge system (**Trend 2**).

To evaluate these trends, enhanced biodegradation of contaminants in groundwater within the containment barrier was evaluated at shallow groundwater monitoring wells MW-701R, MW-706 and MW-707R using the following performance monitoring parameters:

- Analytical Contaminant Parameters: BTEX, PAHs and weak acid dissociable cyanide measured during groundwater monitoring (Tables 2 and 3);
- Analytical Geochemical Parameters: nitrate, sulfate, and methane (Table 4); and
- Field Geochemical Parameters: dissolved oxygen, alkalinity, pH, temperature, specific conductance, and oxidation/reduction potential (Table 4).

Monitoring wells were sampled for contaminant parameters and analytical geochemical parameters in November 2004 and May 2005. Groundwater levels and field geochemical parameters were collected quarterly in November 2004, February, May and August 2005. Groundwater quality data from shallow monitoring wells MW-701R, MW-706 and MW-707R within the containment barrier are presented in Appendix B, and summarized on Figure 5 and Tables 2 through 4.

For contaminant concentration trend data (Trend 1), the following observations are noted for this monitoring period:

- Naphthalene concentrations have decreased and/or been stable in monitoring wells MW-701R, MW-706 and MW-707R since July 2003, as shown on Figure 6;
- In May 2005, benzo(a)pyrene, benzo(b)fluoranthene, chrysene, naphthalene, and pyrene concentrations in monitoring well MW-706 were at their lowest concentrations for the first time since 1995;
- Benzene and ethylbenzene concentrations in monitoring wells MW-701R and MW-707R have remained stable; and
- Weak acid dissociable cyanide concentration in all three shallow monitoring wells (MW-701R, MW-706 and MW-707R) has remained significantly below the PAL.

For geochemical trend data (Trend 2), the following observations are noted for this monitoring period:

- Sulfate concentrations, an indicator of biological activity, has remained stable in monitoring wells MW-701R and MW-706 since July 2003.
- In general, methane concentrations, another indicator of biological activity, has been increasing or remaining stable within the containment barrier since November 2003.
- Methane concentrations at monitoring wells MW-701R and MW-707R suggest biological processes are resulting in methanogenesis.

Trend 1 and 2 data will continue to be evaluated for future monitoring rounds. The use of a field groundwater quality probe may be limited by the presence of coal tar in monitoring wells within the containment barrier, if encountered.

Sump/Vent Monitoring

In general, the system performed in accordance with anticipated design parameters. Air monitoring of stack emissions was conducted to evaluate the presence of volatile organic compounds (VOCs) in soil vapors emitted. In addition, water levels within the sump were monitored for potential increase in groundwater elevations beneath the geosynthetic cover.

On February 25 and August 9, 2005, air samples were collected from the sampling port on the sump's ventilation stack using an impinger. The air BTEX concentration results, as shown in Appendix D, were below detection levels of 0.38 µg/L. No vapor phase volatile organics were detected in the vent during system operation, based on photoionization readings of 0.0 ppm on February 25, May 19 and August 9, 2005.

Water levels in the building sump has remained stable during this reporting period based on the monthly observations, as noted on the operation and maintenance logs provided in Appendix C.

OTHER INSTITUTIONAL CONTROLS

In accordance with the WDNR approved record of decision (ROD), WPSC is responsible for long term performance monitoring of additional remedy components including surface covers for the monitoring wells, cleanouts and biosparge wells, the biosparge building, piping and equipment, and geosynthetic cap and perimeter venting system cleanouts. These features were most recently inspected in May 2005.

Overall, the site appeared in good condition and has maintained its integrity. The cover above the geosynthetic cap has remained stable and has not shown any problems due to erosion. The Park structures are also in good condition with no indication of settling or cracking with the exception of the overlook concrete wall along the river. Surface water from the site drains freely towards the river, however ponding of surface water was noted within a drainage swale south of the biosparge building that is likely associated with the rain during the day. The rip rap along the river appears to be in good condition with the exception of a few small areas where additional rip rap may be placed based on future observations. A field inspection form completed in May 2005 is included in Appendix C.

FUTURE GROUNDWATER MONTIORING AND BIOSPARGE SYSTEM OPERATION

Long-term trends in groundwater quality will continue to be evaluated with respect to groundwater elevations, groundwater quality and geochemical parameters, as shown on Table 5. Groundwater contaminant parameters including PAHs and BTEX, will be sampled semi-annually (December 2005 and June 2006) from all the monitoring wells and piezometers except for MW-705, as indicated on Table 5. Analytical geochemical parameters including sulfate, nitrate/nitrite, and methane will be sampled semi-annually from wells MW-701R, MW-706, MW-707R, PZ-701, PZ-702 and PZ-703, and annually from monitoring wells MW-708 and MW-709R. Groundwater sampling of monitoring well MW-705 will be discontinued from the long-term groundwater monitoring plan since the contaminant concentrations have been below NR140 PAL and is located between MW-708 (upgradient) and MW-709R (downgradient).

Weak acid dissociable (WAD) cyanide analysis will be discontinued from the long-term groundwater monitoring plan since concentrations have remained below NR 140 PAL since April 2003. In addition, groundwater monitoring with the exception of geochemical and field parameters semi-annually at BW-15 and BW-06 will be discontinued due to the data appearing to be unrepresentative of the groundwater at each well.

Water levels and field geochemical parameters will continue to be measured quarterly at all the wells including MW-705 to evaluate containment performance as a primary measure. Field geochemical parameters will not be measured at monitoring wells within the containment barrier (MW-701R, 706 and 707R) due to the presence of coal tar, unless no evidence of tar remains in the well.

NRT will continue to evaluate and monitor the performance of the containment barrier, and operate the biosparge system at the current frequency of 4 hours per day per well. At this time enhancements for the biosparge system such as nutrient addition will not be implemented until trend data and lines of evidence are well established. An evaluation of ongoing groundwater quality and performance of the containment barrier

will be provided in the next annual operation, maintenance and monitoring report, to be submitted in December 2006.

Please contact Mr. Brian Bartoszek of WPSC at (920) 433-2643 or the undersigned if you have any questions.

Sincerely,

NATURAL RESOURCE TECHNOLOGY, INC.

Heather M. Simon, PE
Project Engineer

Christopher A. Robb, PE
Project Manager

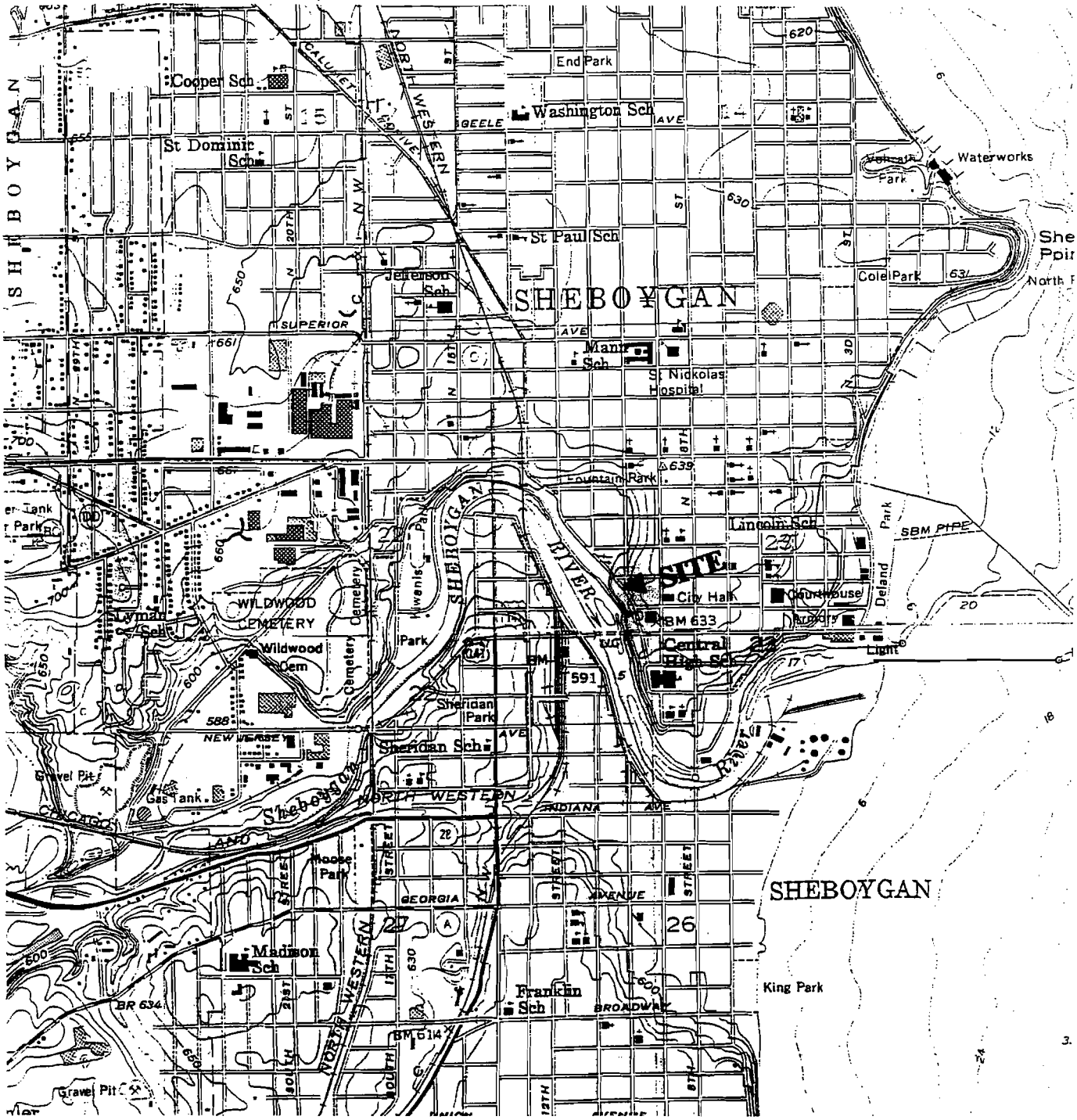
cc: Mr.Brian Bartoszek, WPSC

Attachments:

Figure 1 – Site Location Map
Figure 2 – Groundwater Elevations versus River Water Elevations
Figure 3 – Water Table Elevation Contours During Biosparge System Operation – 5/19/05
Figure 4 – Potentiometric Surface Contours During Biosparge System Operation – 5/19/05
Figure 5 – Groundwater Analytical Summary 2002-2005
Figure 6 – Contaminant Concentrations versus Time Graphs
Table 1 – Groundwater Elevation and Vertical Gradients
Table 2 – Groundwater Analytical Results - Cyanide and BTEX
Table 3 – Groundwater Analytical Results - Polynuclear Aromatic Hydrocarbons
Table 4 – Groundwater Analytical Results – Field & Laboratory RNA Analytical
Table 5 – Groundwater and Biosparge System Monitoring Schedule
Appendix A – Form 4400-194 with Explanations
Appendix B – Groundwater Analytical Reports
Appendix C – Field Forms
Appendix D – Air Sampling Analytical Reports

[1313 WDNR OM Year 3 rpt 051128]

FIGURES



SOURCE: USGS 7.5 MINUTE QUADRANGLE, SHEBOYGAN NORTH. DATED 1954. PHOTOREVISED 1973.

SITE LOCATION MAP

CAMPMARINA AND CENTER AVENUE RIGHT-OF-WAY
WISCONSIN PUBLIC SERVICE CORPORATION
SHEBOYGAN, WISCONSIN

NATURAL RESOURCE TECHNOLOGY

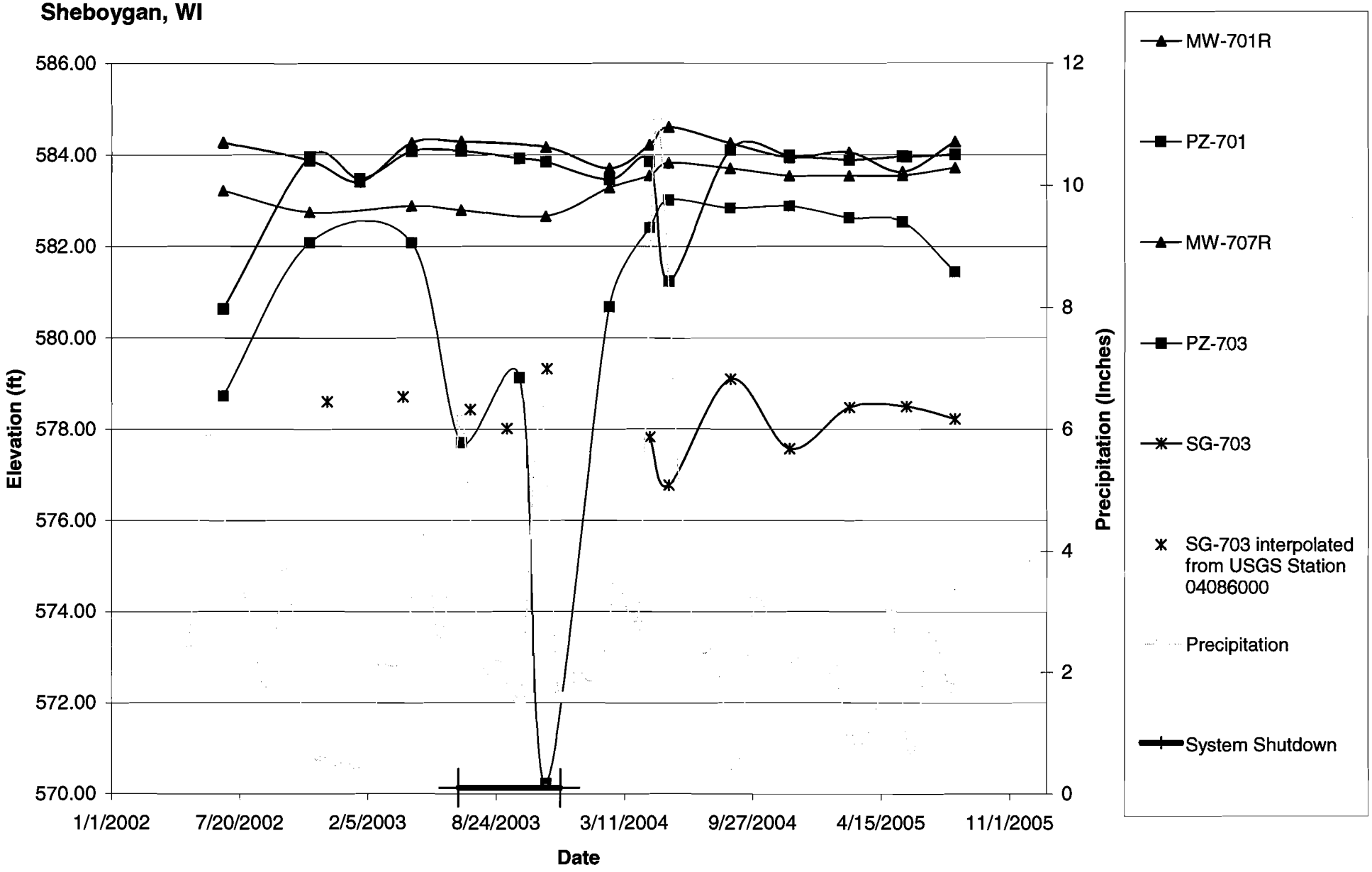
DRAWN BY: TAS APPROVED BY: HMS DATE: 11/10/05

PROJECT NO. 1313

DRAWING NO. 1313-5-A01

FIGURE NO. 1

Figure 2. Groundwater Elevations vs River Water Elevations
Wisconsin Public Service - Campmarina Former MGP Site
Sheboygan, WI



LEGEND

- 584 — WATER TABLE ELEVATION CONTOUR, FT.
- GROUNDWATER FLOW DIRECTION
- MW-706 585.95 — MONITORING WELL AND WATER TABLE ELEVATION, FT.
- SG-703 578.49 — STAFF GAUGE AND WATER TABLE ELEVATION, FT., (5/25/05)
- PZ-701 — PIEZOMETER
- BW-01 — BIOSPARGE WELL
- RIPRAP
- FORMER CAMPMARINA PROPERTY BOUNDARY
- CONTAINMENT BARRIER
- SANITARY/STORM MANHOLE

NEW YORK AVENUE (UNMARKED)

10TH STREET

PROPOSED BUILDING

PROPOSED BUILDING

EXISTING BUILDING

RETAINING WALL

RIPRAP

FORMER CAMPMARINA PROPERTY BOUNDARY

BW-06 BW-07 BW-08 BW-09 BW-05 BW-10 BW-04 BW-11 BW-03 BW-12 BW-02 BW-13 BW-01 BW-14 BW-15 BW-16 BW-17 BW-18

MW-707R 583.54

PZ-703

MW-708 594.79

PZ-702

MW-706 585.95

MW-701R 583.62

PZ-701

MW-705 585.49

MW-709R 583.29

SG-703 (5/25/05) 578.49

594 593 592 591 590 589 588 587 586 585 584

1" WIDE CONC. WALL

CONCRETE

RECREATION AREA

JUNGLE GYM AREA

CONTAINMENT BARRIER

BIOSPARGE SYSTEM ENCLOSURE

BOAT DOCK

BOATHOUSE

PKNG

SHEBOYGAN RIVER FLOW

SHEBOYGAN RIVER FLOW

SHEBOYGAN RIVER FLOW

PENNSYLVANIA BRIDGE

BOAT ISLAND

SHED

RIVERS EDGE

DATUM (FT)		
IGLD	USGS	CITY OF SHEBOYGAN
579.8	581	0

IGLD = INTERNATIONAL GREAT LAKES DATUM
USGS = UNITED STATES GEOLOGIC SURVEY

SOURCE NOTES:
1. PORTIONS OF THIS DRAWING SET WERE DEVELOPED FROM DRAWING FILE CAMPPLAN.DWG DATED 1/4/00 OBTAINED FROM THE CITY OF SHEBOYGAN.
2. SURVEY OF CONTAINMENT BARRIER BY RETTLER CORPORATION, MARCH 2001, DIGITAL FILE TOPO022801.DWG.
3. PORTIONS OF THIS DRAWING SET WERE DEVELOPED FROM DRAWING FILE NRT-AERIAL.DWG E-MAILED 1/13/04 FROM THE CITY OF SHEBOYGAN.
4. MONITORING WELLS SURVEYED BY ROBERT E. LEE & ASSOCIATES SURVEYING, FEBUARY 2004. SHEBOYGAN COUNTY COORDINATE SYSTEM AND NAVD88 VERTICAL DATUM.

0 15 30 60
SCALE IN FEET

NATURAL RESOURCE TECHNOLOGY

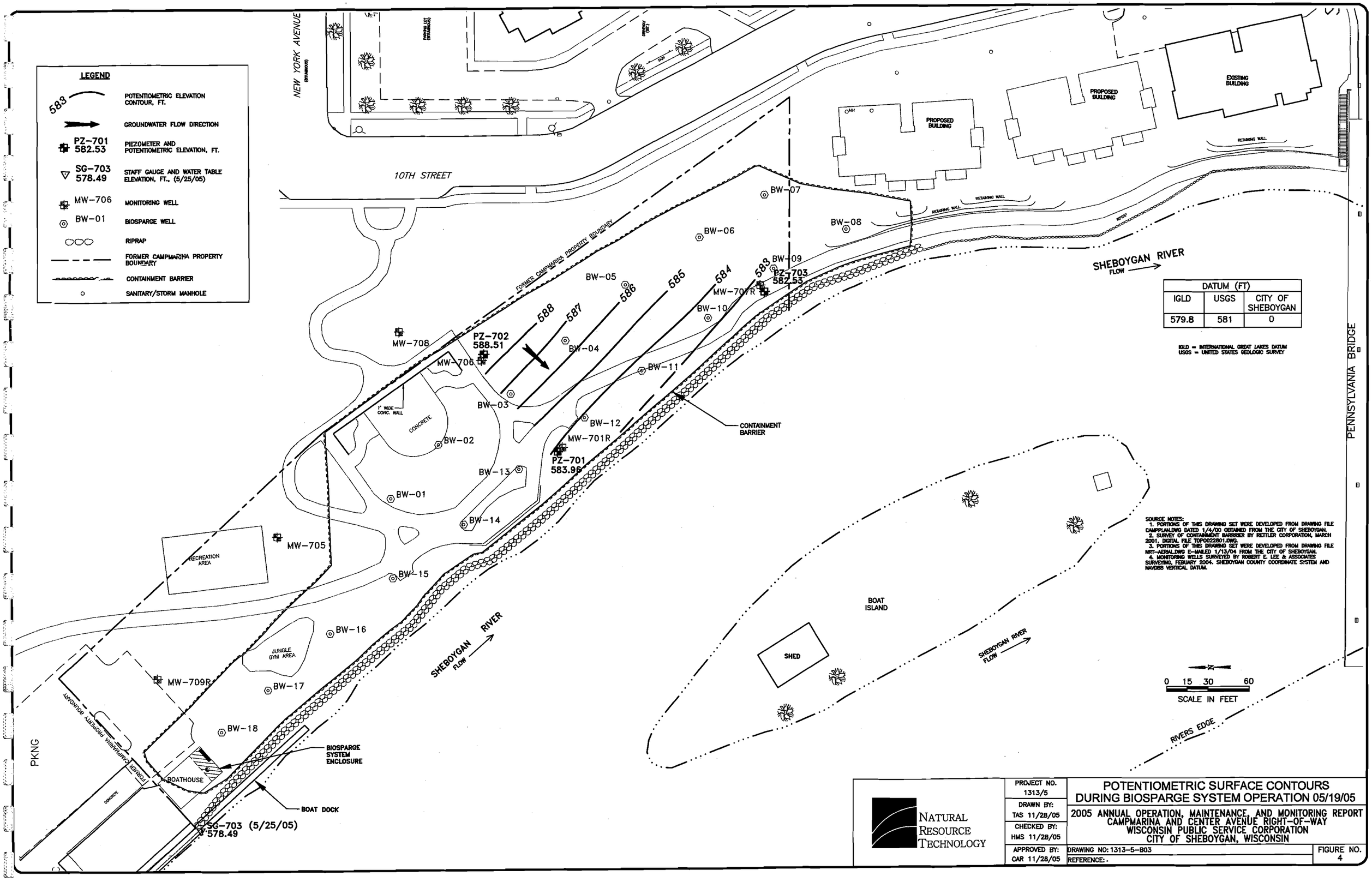
PROJECT NO.	1313/5
DRAWN BY:	TAS 11/28/05
CHECKED BY:	HMS 11/28/05
APPROVED BY:	CAR 11/28/05

WATER TABLE ELEVATION CONTOURS DURING BIOSPARGE SYSTEM OPERATION 05/19/05

2005 ANNUAL OPERATION, MAINTENANCE, AND MONITORING REPORT
CAMPMARINA AND CENTER AVENUE RIGHT-OF-WAY
WISCONSIN PUBLIC SERVICE CORPORATION
CITY OF SHEBOYGAN, WISCONSIN

DRAWING NO: 1313-5-B02
REFERENCE: .

FIGURE NO. 3



NATURAL RESOURCE TECHNOLOGY

PROJECT NO.	1313/5
DRAWN BY:	TAS 11/28/05
CHECKED BY:	HMS 11/28/05
APPROVED BY:	CAR 11/28/05

POTENTIOMETRIC SURFACE CONTOURS DURING BIOSPARGE SYSTEM OPERATION 05/19/05

2005 ANNUAL OPERATION, MAINTENANCE, AND MONITORING REPORT
CAMPMARINA AND CENTER AVENUE RIGHT-OF-WAY
WISCONSIN PUBLIC SERVICE CORPORATION
CITY OF SHEBOYGAN, WISCONSIN

DRAWING NO: 1313-5-B03
REFERENCE: .

FIGURE NO. 4

LEGEND

- MW-706 — MONITORING WELL
- PZ-701 — PIEZOMETER
- BW-01 — BIOSPARGE WELL
- RIPRAP
- FORMER CAMPMARINA PROPERTY BOUNDARY
- CONTAINMENT BARRIER
- SANITARY/STORM MANHOLE

SAMPLE LOCATION	BEN	BTEX	NAPH	PAH
SAMPLE DATE	BENZENE µg/L	TOTAL BENZENE, TOLUENE, ETHYLBENZENE AND XYLENES µg/L	NAPHTHALENE µg/L	POLYNUCLEAR AROMATIC HYDROCARBONS µg/L

DATA QUALIFIERS:

- 4 CONCENTRATION ATTAINS OR EXCEEDS A PREVENTIVE ACTION LIMIT (PAL)
- 310 CONCENTRATION ATTAINS OR EXCEEDS AN ENFORCEMENT STANDARD (ES)
- * PARAMETER DETECTED ABOVE THE LIMIT OF DETECTION (LOD) BUT BELOW THE LIMIT OF QUANTITATON (LOQ)
- B ANALYTE PRESENT IN METHOD BANK
- D ANALYTE VALUE FROM DILUTED ANALYSIS
- & PRECISION NOT WITHIN CONTROL LIMITS
- <2.0 PARAMETER NOT DETECTED ABOVE THE LIMIT OF DETECTION INDICATED
- ns ANALYSIS WAS NOT PERFORMED
- nd NOT DETECTED
- µg/L MICROGRAMS PER LITER

NEW YORK AVENUE (INTERMEDIATE)

10TH STREET

PARKING LOT (INTERMEDIATE)

DRIVEWAY (INT.)

PZ-702	BEN	BTEX	NAPH	PAH
6/25/2002	<0.45	nd	0.42	0.6
11/7/2002	<0.25	nd	0.087	0.4
4/15/2003	<0.41	nd	0.12	0.3
4/15/2003	<0.41	nd	0.20	0.4
7/1/2003	<0.30	nd	0.045 *,&,B	0.3
9/30/2003	<0.30	nd	0.049 *	0.1
11/10/2003	<0.30	nd	0.13 &	0.6
11/10/2003	<0.30	nd	0.11	1.2
5/20/2004	<0.41	nd	0.6 D	0.8
11/24/2004	<0.14	nd	0.46	0.6
5/19/2005	<0.14	nd	0.16	0.2

MW-706	BEN	BTEX	NAPH	PAH
6/25/2002	1,900	4,490	7,100 D	24,070
7/1/2003	6,500	10,930	2,200 D,&	4,109
11/10/2003	3,200	5,410	2,900 D,&	6,516
5/20/2004	1,100	2,600	680 D	1,937
11/24/2004	4,000	7,310	2,600 D	7,395
5/19/2005	1,800	2,878	500 D	775

MW-708	BEN	BTEX	NAPH	PAH
6/25/2002	<0.45	nd	<0.027	0.01
11/7/2002	<0.25	nd	<0.024	nd
11/7/2002	<0.25	nd	<0.024	nd
4/15/2003	<0.41	nd	0.088	0.1
7/1/2003	<0.30	nd	1.5 D,&,B	2.0
9/30/2003	<0.30	nd	0.23	0.2
11/10/2003	<0.30	nd	0.38&	2.4
5/20/2004	<0.41	nd	0.29	0.4
11/24/2004	11	11.4	1.8 D	2.6
5/19/2005	<0.14	nd	0.31	0.4

MW-705	BEN	BTEX	NAPH	PAH
6/25/2002	<0.45	nd	<0.027	nd
6/25/2002	<0.45	nd	<0.027	nd
11/7/2002	<0.25	nd	<0.024	0.05
4/15/2003	<0.41	nd	0.10	0.1
7/1/2003	<0.30	nd	0.029 *,&,B	0.1
9/30/2003	<0.30	nd	0.059 *	0.1
11/10/2003	<0.30	nd	0.25 &	0.6
5/20/2004	<0.41	nd	0.39	0.7
11/24/2004	<0.14	nd	0.17	0.2
5/19/2005	<0.14	nd	0.055*	0.1

MW-709R	BEN	BTEX	NAPH	PAH
6/25/2002	<0.45	nd	1.8 D	2.2
11/7/2002	<0.25	nd	<0.024	nd
4/15/2003	<0.41	nd	0.12	0.2
7/1/2003	<0.30	nd	0.74 &,D,B	0.9
9/30/2003	<0.30	nd	0.025 *	0.60
11/10/2003	<0.30	nd	0.05 *	0.23
5/20/2004	<0.41	nd	0.38	0.46
11/24/2004	0.14*	0.14	0.29	0.40
5/19/2005	<0.14	nd	0.084	0.06

PZ-701	BEN	BTEX	NAPH	PAH
6/25/2002	<0.45	nd	0.18	1.5
11/7/2002	0.90	0.90	0.34	3.1
4/15/2003	<0.41	nd	0.067 *	0.4
7/1/2003	<0.30	nd	na	na
9/30/2003	0.35 *	0.35	0.22	4.9
11/10/2003	<0.30	0.70	1.3 D,*,&	26.5
5/20/2004	<0.41	nd	0.22	0.4
11/24/2004	44	47.77	4.3	8.9
5/19/2005	<0.14	nd	0.068*	0.1

MW-701R	BEN	BTEX	NAPH	PAH
6/25/2002	2,700	3,388	9,400 D	21,713
7/1/2003	3,400	4,021	2,200 D,&	3,873
11/10/2003	3,400	4,008	2,000 D,&	4,729
5/20/2004	2,600	3,128	1,400 D	2,749
11/24/2004	2,800	3,305	1,500 D	2,643
5/19/2005	3,400	3,984	1,500 D	2,590

MW-707R	BEN	BTEX	NAPH	PAH
6/25/2002	1,100	4,211	1,800 D	1,834
7/1/2003	1,300	5,123	1,800 D,&	2,170
11/10/2003	1,500	5,626	2,000 D,&	2,474
5/20/2004	1,000	4,486	1,600 D	2,067
11/24/2004	1,300	4,584	1,700 D	2,105
5/19/2005	1,300	4,803	1,900 D	2,326

PZ-703	BEN	BTEX	NAPH	PAH
6/25/2002	570	820	190	182
11/7/2002	460	707	41	41
4/15/2003	880	1,308	30	31
7/1/2003	1,800	3,074	410 D,&	425
9/30/2003	2,000	3,486	350 D	370
11/10/2003	2,100	3,825	510 D,&	548
5/20/2004	1,000	2,171	1,900 D	1,993
8/24/2004	3,700	7,790	1,600 D	1,708
11/24/2004	3,200	6,600	760 D	601
5/19/2005	380	722	0.97	5

DATUM (FT)		
IGLD	USGS	CITY OF SHEBOYGAN
579.8	581	0

IGLD = INTERNATIONAL GREAT LAKES DATUM
USGS = UNITED STATES GEOLOGIC SURVEY

NOTE:
DUPLICATE SAMPLES WERE COLLECTED DURING EACH SAMPLING EVENT. CONCENTRATIONS SHOWN REFLECT THE HIGHER CONCENTRATION BETWEEN WELL SAMPLES AND DUPLICATE SAMPLES.

SOURCE NOTES:
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0 15 30 60
SCALE IN FEET

MW-706 MW-708 PZ-702 BW-06 BW-07 BW-08 BW-09 MW-707R PZ-703 BW-05 BW-10 BW-04 BW-11 BW-03 BW-12 MW-701R PZ-701 BW-13 BW-02 BW-01 BW-14 BW-15 BW-16 BW-17 BW-18 MW-705 MW-709R SG-703

1' WIDE CONC. WALL
CONCRETE
RECREATION AREA
JUNGLE GYM AREA
BOATHOUSE
CONCRETE
PKNG
PROPERTY BOUNDARY
PROBABLE PROPERTY BOUNDARY
CONTAINMENT BARRIER
BIOSPARGE SYSTEM ENCLOSURE
BOAT DOCK
FORMER CAMPMARINA PROPERTY BOUNDARY
PROPOSED BUILDING
PROPOSED BUILDING
EXISTING BUILDING
RETAINING WALL
RETAINING WALL
RETAINING WALL
SHEBOYGAN RIVER FLOW
SHEBOYGAN RIVER FLOW
SHEBOYGAN RIVER FLOW
PENNSYLVANIA BRIDGE
BOAT ISLAND
SHED
RIVERS EDGE

NATURAL RESOURCE TECHNOLOGY

PROJECT NO.	1313/5
DRAWN BY:	TAS 11/28/05
CHECKED BY:	HMS 11/28/05
APPROVED BY:	CAR 11/28/05

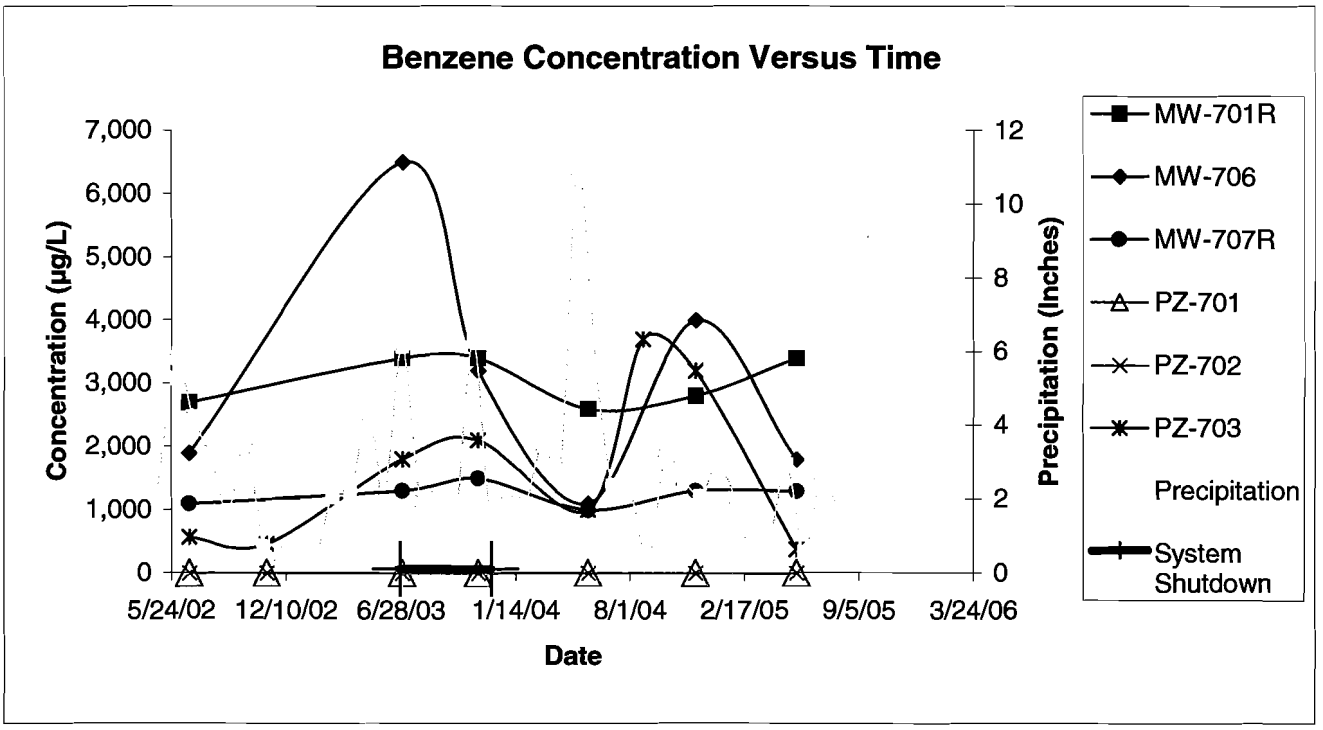
GROUNDWATER ANALYTICAL SUMMARY 2002-2005

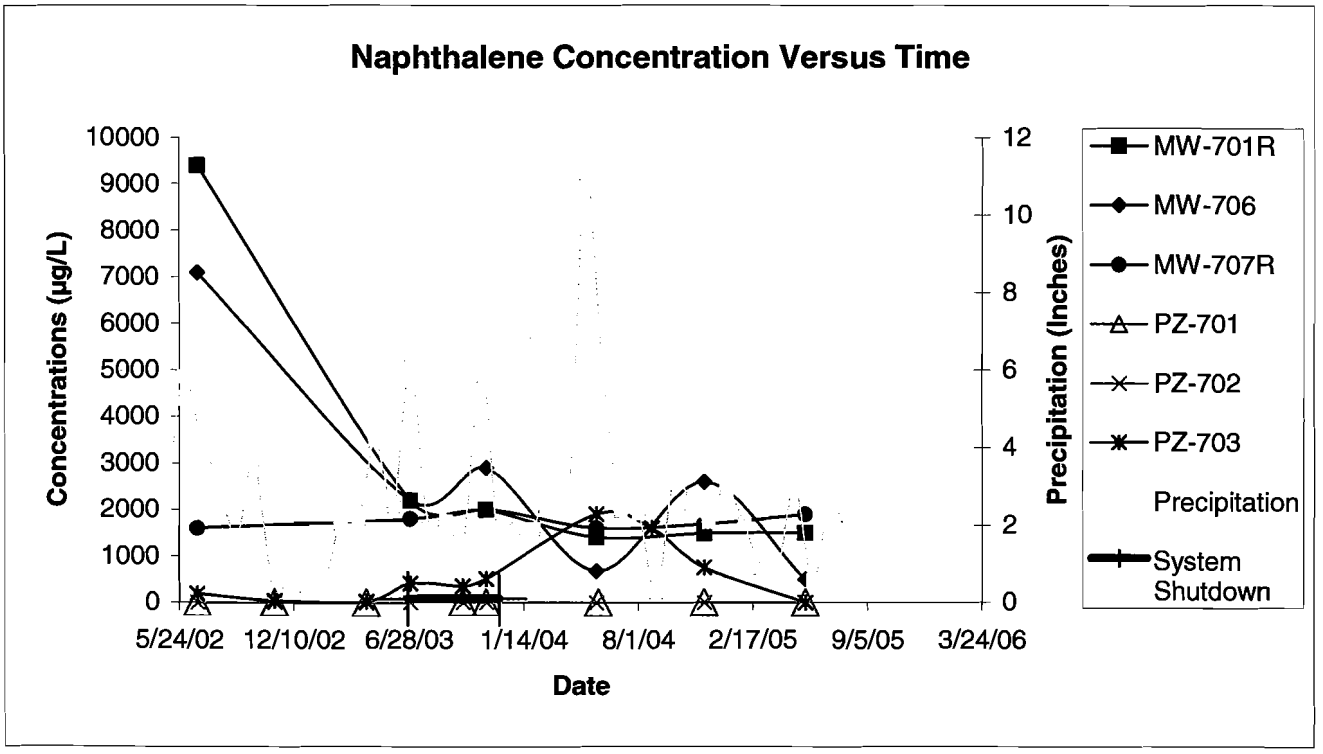
2005 ANNUAL OPERATION, MAINTENANCE, AND MONITORING REPORT
CAMPMARINA AND CENTER AVENUE RIGHT-OF-WAY
WISCONSIN PUBLIC SERVICE CORPORATION
CITY OF SHEBOYGAN, WISCONSIN

DRAWING NO: 1313-5-B04
REFERENCE: P:\1313TABLE 050929.xls

FIGURE NO. 5

Figure 6. Contaminant Concentrations Versus Time Graphs
Wisconsin Public Service - Campmarina Former MGP Site
Sheboygan, WI





TABLES

Table 1. Groundwater Elevations and Vertical Gradients
Wisconsin Public Service Corporation - Campmarina Former Manufactured Gas Plant Site
Sheboygan, WI

Monitoring Location	Ground Surface Elevation (feet, MSL)	Top of PVC Elevation (feet, MSL)	Total Well Depth (feet)	Screen Length (feet)	Top of Screen Elevation (feet, MSL)	Middle of Screen Elevation (feet, MSL)	Monitoring Date	Depth to Water (feet)	Groundwater Elevation (feet, MSL)	Change in head (feet)	Change in distance (feet)	Vertical Gradient	Direction
MW-701	588.97	588.51	13.4	10	585.11		8/14/1995	5.51	583.00	7.38	27.63	2.67E-01	downward
							8/20/1995	5.63	582.88	9.14	27.51	3.32E-01	downward
							9/25/1995	5.58	582.93	10.30	27.56	3.74E-01	downward
							12/21/1998	5.72	582.79	0.60	27.42	2.19E-02	downward
							4/18/2000	5.95	582.56	0.42	27.19	1.54E-02	downward
							6/19/2000	5.62	582.89	0.78	27.52	2.83E-02	downward
							Well Replaced	--	--				
MW-701R		590.47	10.80	5	584.67		6/25/2002	6.20	584.27	3.64	28.90	1.26E-01	downward
							11/7/2002	6.60	583.87	-0.08	28.50	-2.81E-03	upward
							1/24/2003	7.06	583.41	-0.06	28.04	-2.14E-03	upward
							4/15/2003	6.21	584.26	0.19	28.89	6.58E-03	downward
							7/1/2003	6.18	584.29	0.21	28.92	7.26E-03	downward
							11/10/2003	6.31	584.16	0.32	28.79	1.11E-02	downward
	590.43	590.23	10.56	5	584.67		2/17/2004	6.53	583.70	0.25	28.33	8.82E-03	downward
							4/20/2004	6.02	584.21	0.36	28.84	1.25E-02	downward
							5/20/2004	5.63	584.60	3.36	29.23	1.15E-01	downward
							8/24/2004	5.98	584.25	0.15	28.88	5.19E-03	
							11/24/2004	6.28	583.95	-0.04	28.58	-1.40E-03	upward
							2/25/2005	6.19	584.04	0.16	28.67	5.58E-03	downward
							5/19/2005	6.61	583.62	-0.34	28.25	-1.20E-02	upward
							8/9/2005	5.95	584.28	0.33	28.91	1.14E-02	downward
PZ-701	589.28	588.89	36.02	5	557.87	555.37	8/14/1995	13.27	575.62				
							8/20/1995	15.15	573.74				
							9/25/1995	16.26	572.63				
							12/21/1998	6.70	582.19				
							4/18/2000	6.75	582.14				
							6/19/2000	6.78	582.11				
		590.53	37.66	5	557.87	555.37	6/25/2002	9.90	580.63				
							11/7/2002	6.58	583.95				
							1/24/2003	7.06	583.47				
							4/15/2003	6.46	584.07				
							7/1/2003	6.45	584.08				
							9/30/2003	6.61	583.92				
							11/10/2003	6.69	583.84				
	590.45	590.25	37.38	5	557.87	555.37	2/17/2004	6.80	583.45				
							4/20/2004	6.40	583.85				
							5/20/2004	9.01	581.24				
							8/24/2004	6.15	584.10				
							11/24/2004	6.26	583.99				
							2/25/2005	6.37	583.88				
							5/19/2005	6.29	583.96				
							5/25/2005	6.30	583.95				
							8/9/2005	6.25	584.00				

Table 1. Groundwater Elevations and Vertical Gradients
Wisconsin Public Service Corporation - Campmarina Former Manufactured Gas Plant Site
Sheboygan, WI

Monitoring Location	Ground Surface Elevation (feet, MSL)	Top of PVC Elevation (feet, MSL)	Total Well Depth (feet)	Screen Length (feet)	Top of Screen Elevation (feet, MSL)	Middle of Screen Elevation (feet, MSL)	Monitoring Date	Depth to Water (feet)	Groundwater Elevation (feet, MSL)	Change in head (feet)	Change in distance (feet)	Vertical Gradient	Direction
MW-702	590.39	590.09	13.40	10	586.69		8/14/1995	4.86	585.23				
							8/20/1995	4.69	585.40				
							9/25/1995	4.88	585.21				
							12/21/1998	4.83	585.26				
							4/18/2000	4.52	585.57				
							6/19/2000	2.68	587.41				
							Abandoned Monitoring Well						
MW-703	589.16	588.80	13.46	10	585.34		8/14/1995	5.63	583.17				
							8/20/1995	5.69	583.11				
							9/25/1995	5.74	583.06				
							12/21/1998	5.7	583.10				
							4/18/2000	5.99	582.81				
							6/19/2000	5.56	583.24				
							Abandoned Monitoring Well						
MW-704	589.43	589.05	13.20	10	585.85		8/14/1995	5.93	583.12				
							8/20/1995	5.96	583.09				
							9/25/1995	6.00	583.05				
							12/21/1998	5.63	583.42				
							4/18/2000	5.64	583.41				
							6/19/2000	5.62	583.43				
							Abandoned Monitoring Well						
MW-705	590.22	589.91	16.66	10	583.25		8/14/1995	6.95	582.96				
							8/20/1995	6.07	583.84				
							9/25/1995	6.09	583.82				
							12/21/1998	6.14	583.77				
							4/25/2000	6.11	583.80				
							6/19/2000	5.74	584.17				
	593.57	592.20	18.95	10	583.25		6/25/2002	10.27	581.93				
							11/7/2002	7.05	585.15				
							4/15/2003	7.17	585.03				
							7/1/2003	6.80	585.40				
							9/30/2003	7.23	584.97				
							11/10/2003	6.70	585.50				
							2/17/2004	7.20	585.00				
							4/20/2004	6.41	585.79				
							5/20/2004	5.91	586.29				
							8/24/2004	6.68	585.52				
							11/24/2004	7.22	584.98				
							2/25/2005	6.78	585.42				
							5/19/2005	6.71	585.49				
							8/9/2005	6.81	585.39				

Table 1. Groundwater Elevations and Vertical Gradients
Wisconsin Public Service Corporation - Campmarina Former Manufactured Gas Plant Site
Sheboygan, WI

Monitoring Location	Ground Surface Elevation (feet, MSL)	Top of PVC Elevation (feet, MSL)	Total Well Depth (feet)	Screen Length (feet)	Top of Screen Elevation (feet, MSL)	Middle of Screen Elevation (feet, MSL)	Monitoring Date	Depth to Water (feet)	Groundwater Elevation (feet, MSL)	Change in head (feet)	Change in distance (feet)	Vertical Gradient	Direction
MW-706	591.51	591.34	14.10	10	587.94		8/14/1995	3.5 *	587.8 *				
							8/20/1995	3.4 *	587.9 *				
							9/25/1995	3.5 *	587.8 *				
							12/21/1998	3.34	588.00	-1.15	29.34	-3.92E-02	upward
							4/18/2000	2.98	588.36	-0.20	29.70	-6.73E-03	upward
							6/19/2000	3.65	587.69	-0.15	29.03	-5.17E-03	upward
	595.2	594.54	16.60	10	587.94		6/25/2002	8.40	586.14	1.27	27.48	4.62E-02	downward
							11/7/2002	9.22	582.94	-5.28	24.28	-2.17E-01	upward
							1/24/2003	--	--				
							4/15/2003	8.25	586.29	-1.94	27.63	-7.02E-02	upward
							7/1/2003	8.77	585.77	-2.47	27.11	-9.11E-02	upward
							11/10/2003	8.78	585.76	-2.46	27.10	-9.08E-02	upward
							2/17/2004	9.37	585.17	-2.86	26.51	-1.08E-01	upward
							4/20/2004	8.25	586.29	-2.23	27.63	-8.07E-02	upward
							5/20/2004	7.41	587.13	-1.93	28.47	-6.78E-02	upward
							8/24/2004	8.51	586.03	-2.53	27.37	-9.24E-02	upward
							11/24/2004	9.11	585.43	-2.88	26.77	-1.08E-01	upward
							2/25/2005	8.27	586.27	-2.27	27.61	-8.22E-02	upward
							5/19/2005	8.59	585.95	-2.56	27.29	-9.38E-02	upward
							8/9/2005	8.92	585.62	-2.58	26.96	-9.57E-02	upward
PZ-702	591.62	591.16	38.62	5	561.2	558.7	12/21/1998	2.01	589.15				
							4/18/2000	2.60	588.56				
							6/19/2000	3.32	587.84				
	596.16	595.34	39.14	5	561.2	558.7	6/25/2002	10.47	584.87				
							11/7/2002	7.12	588.22				
							1/24/2003	7.58	587.76				
							4/15/2003	7.11	588.23				
							7/1/2003	7.10	588.24				
							9/30/2003	7.18	588.16				
							11/10/2003	7.12	588.22				
							2/17/2004	7.31	588.03				
							4/20/2004	6.82	588.52				
							5/20/2004	6.28	589.06				
							8/24/2004	6.78	588.56				
							11/24/2004	7.03	588.31				
							2/25/2005	6.80	588.54				
							5/19/2005	6.83	588.51				
							8/9/2005	7.14	588.20				

Table 1. Groundwater Elevations and Vertical Gradients
Wisconsin Public Service Corporation - Campmarina Former Manufactured Gas Plant Site
Sheboygan, WI

Monitoring Location	Ground Surface Elevation (feet, MSL)	Top of PVC Elevation (feet, MSL)	Total Well Depth (feet)	Screen Length (feet)	Top of Screen Elevation (feet, MSL)	Middle of Screen Elevation (feet, MSL)	Monitoring Date	Depth to Water (feet)	Groundwater Elevation (feet, MSL)	Change in head (feet)	Change in distance (feet)	Vertical Gradient	Direction
MW-707	590.29	590.08	13.35	10	586.73		8/14/1995	7.48	582.60				
							8/20/1995	7.71	582.37				
							9/25/1995	7.67	582.41				
							12/21/1998	6.65	583.43	2.84	26.71	1.06E-01	downward
							4/18/2000	--	--				
							6/19/2000	6.05	584.03	3.94	27.31	1.44E-01	downward
							Well Replaced	--	--				
MW-707R		587.78	11.97	10	585.81		6/25/2002	4.57	583.21	4.48	26.49	1.69E-01	downward
							11/7/2002	5.04	582.74	0.66	26.02	2.54E-02	downward
							1/24/2003	--	--	--	--	--	--
							4/15/2003	4.9	582.88	0.80	26.16	3.06E-02	downward
							7/1/2003	4.99	582.79	5.09	26.07	1.95E-01	downward
							11/10/2003	5.13	582.65	12.41	25.93	4.79E-01	downward
	588.9	588.57	12.76	10	585.81		2/17/2004	5.30	583.27	2.59	26.55	9.76E-02	downward
							4/20/2004	5.03	583.54	1.13	26.82	4.21E-02	downward
							5/20/2004	4.75	583.82	0.81	27.10	2.99E-02	downward
							8/24/2004	4.87	583.70	0.86	26.98	3.19E-02	downward
							11/24/2004	5.03	583.54	0.66	26.82	2.46E-02	downward
							2/25/2005	5.04	583.53	0.91	26.81	3.39E-02	downward
							5/19/2005	5.03	583.54	1.01	26.82	3.77E-02	downward
							8/9/2005	4.86	583.71	2.26	26.99	8.37E-02	downward
PZ-703	589.85	589.22	33.94	5	559.2	556.7	12/21/1998	8.63	580.59				
							1/19/1999	8.96	580.26				
							4/18/2000	9.49	579.73				
							6/19/2000	9.13	580.09				
	588.81	588.53	34.33	5	559.2	556.7	6/25/2002	9.80	578.73				
							11/7/2002	6.45	582.08				
							1/24/2003	--	--				
							4/15/2003	6.45	582.08				
							7/1/2003	10.83	577.70				
							9/30/2003	9.40	579.13				
							11/10/2003	18.29	570.24				
							2/17/2004	7.85	580.68				
							4/20/2004	6.12	582.41				
							5/20/2004	5.52	583.01				
							8/24/2004	5.69	582.84				
							11/24/2004	5.65	582.88				
							2/25/2005	5.91	582.62				
							5/19/2005	6.00	582.53				
							8/9/2005	7.08	581.45				

Table 1. Groundwater Elevations and Vertical Gradients
Wisconsin Public Service Corporation - Campmarina Former Manufactured Gas Plant Site
Sheboygan, WI

Monitoring Location	Ground Surface Elevation (feet, MSL)	Top of PVC Elevation (feet, MSL)	Total Well Depth (feet)	Screen Length (feet)	Top of Screen Elevation (feet, MSL)	Middle of Screen Elevation (feet, MSL)	Monitoring Date	Depth to Water (feet)	Groundwater Elevation (feet, MSL)	Change in head (feet)	Change in distance (feet)	Vertical Gradient	Direction
MW-708	606.45	606.09	18.86	15	602.23		12/10/1998	16.39	589.70				
							12/21/1998	16.78	589.31				
							4/18/2000	15.21	590.88				
							6/19/2000	14.98	591.11				
	605.87	605.47	18.24	15	602.23		6/25/2002	14.22	591.25				
							11/7/2002	11.05	594.42				
							1/24/2003	11.58	593.89				
							4/15/2003	10.35	595.12				
							7/1/2003	10.66	594.81				
							9/30/2003	11.07	594.40				
							11/10/2003	9.85	595.62				
							2/17/2004	11.13	594.34				
							4/20/2004	10.28	595.19				
							5/20/2004	9.12	596.35				
							8/24/2004	10.72	594.75				
							11/24/2004	11.05	594.42				
							2/25/2005	10.75	594.72				
							5/19/2005	10.68	594.79				
							8/9/2005	10.98	594.49				
MW-709	588.51	587.95	12.50	10	585.45		12/21/1998	7.27	580.68				
							4/18/2000	7.62	580.33				
							6/19/2000	7.23	580.72				
							Well Replaced	--	--				
MW-709R	589.15	588.81	16.54	10	582.27		6/25/2002	9.23	579.58				
							11/7/2002	6.40	582.41				
							4/15/2003	5.45	583.36				
							7/1/2003	5.30	583.51				
							9/30/2003	6.33	582.48				
							11/10/2003	5.29	583.52				
	588.96	588.58	16.31	10	582.27		2/17/2004	6.44	582.14				
							4/20/2004	5.02	583.56				
							5/20/2004	4.63	583.95				
							8/24/2004	5.14	583.44				
							11/24/2004	6.19	582.39				
							2/25/2005	5.58	583.00				
							5/19/2005	5.29	583.29				
							5/25/2005	5.20	583.38				
							8/9/2005	5.58	583.00				

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Wisconsin Public Service Corporation - Campmarina Former Manufactured Gas Plant Site
Sheboygan, WI

Monitoring Location	Ground Surface Elevation (feet, MSL)	Top of PVC Elevation (feet, MSL)	Total Well Depth (feet)	Screen Length (feet)	Top of Screen Elevation (feet, MSL)	Middle of Screen Elevation (feet, MSL)	Monitoring Date	Depth to Water (feet)	Groundwater Elevation (feet, MSL)	Change in head (feet)	Change in distance (feet)	Vertical Gradient	Direction
SG-701	na	582.02	na	na	na		8/14/1995	2.00	580.02				
							8/20/1995	2.33	579.69				
							9/25/1995	2.49	579.53				
							Abandoned						
SG-702	na	581.37	na	na	na		`"""""""""`	2.33	579.04				
							Abandoned						
SG-703	na	582.27	na	na	na		4/20/2004	4.45	577.82				
							5/20/2004	5.5	576.77				
							8/24/2004	3.18	579.09				
							11/24/2004	4.7	577.57				
							2/25/2005	3.80	578.47				
							5/25/2005	3.78	578.49				
							8/9/2005	4.05	578.22				

[U-PAR/JTB 11/03 U-HMS 1/29/04 U-LJH/HMS 2/23/04 U-HMS 2/27/04 U-PAR/HMS 3/04 U-HMS/LJH 6/4/04 U-HMS/MJR 9/17/04 U-HMS/JTB 12/13/04 U-HMS/PAR 3/05 U-HMS/RTB 6/05 U-HMS/PAR 9/05]

Notes:

1. PZ-701, MW-701R and MW-707R were surveyed on 7/17/01 by Rettler Corporation from Stevens Point, Wisconsin.
   PZ-101 was extended from pre-remedial ground surface elevation to existing ground surface elevation.
2. Elevations are referenced to United States Geologic Survey Geodetic Sea Level Datum.
3. * Estimated value.
4. MW-709 was surveyed on 12/22/03 by NRT using MW-701R TOC as a bench mark and a laser level.
5. '-- Not Measured
6. On February 17, 2004, Robert E. Lee Associates surveyed top of casing and flushmount covers, and established a staff gauge
   located at the southwest corner,west face, of the Marina's concrete boat dock (chisel marked blue).
   Wells MW-705, MW-706, PZ-702, PZ-703, and MW-708 were extended or reduced to match final grades during remedial construction activities in 2002
   Consequently, the surveyed elevations for these wells were used in groundwater elevation calculations as of 2002.

Table 2. Groundwater Analytical Results - Cyanide and BTEX
Wisconsin Public Service Corporation - Campmarina Former Manufactured Gas Plant Site
Sheboygan, Wisconsin

Sampling Location	Sampling Date	Cyanide, dissolved (mg/L)			BTEX (µg/L)				
		Cyanide (amenable)	Cyanide (weak acid dissociable)	Cyanide (total)	Benzene	Toluene	Ethylbenzene	Xylene, total	Total BTEX
Wisconsin Groundwater Quality Standards (NR140)									
Preventive Action Limit		ns	*0.04*	ns	*0.5*	*200*	*140*	*1,000*	ns
Enforcement Standard		ns	**0.2**	ns	**5**	**1,000**	**700**	**10,000**	ns
MW-701	8/15/1995	<0.0050	0.025	0.11	**10,000**	96	**880**	820	11,796
	9/25/1995	<0.0050	0.020	0.088	**12,000**	53	**780**	680	13,513
	12/21/1998	0.05	*0.11*	0.17	**10,200**	77 *	**818**	717	11,812
MW-701R	6/25/2002	0.15	0.012	0.16	**2,700**	28	*330*	330	3,388
	11/7/2002	--	--	--	--	--	--	--	--
	7/1/2003	--	--	0.13	**3,400**	21 *	*340*	260	4,021
	11/10/2003	--	--	0.16	**3,400**	18*	*330*	260	4,008
	5/20/2004	--	--	0.15	**2,600**	17*	*300*	211	3,128
	11/24/2004	--	0.0067 *	--	**2,800**	17*	*280*	208	3,305
	5/19/2005	--	0.0036 *	--	**3,400**	20*	*340*	224	3,984
PZ-701	8/17/1995	0.02	<0.0050	0.02	**5**	6.3	3.6	11	25.9
	9/25/1995	0.014	<0.0050	0.014	*2.2*	6.6	1.7	6.8	17.3
	12/21/1998	--	--	--	*0.96 * *	1.8 *	1.1 *	4.2 *	8.1
	6/25/2002	0.74	*0.19*	0.83	<0.45	<0.68	<0.82	<1.7	nd
	11/7/2002	0.042	*0.049*	0.18	*0.90*	<0.84	<0.53	<1.1	0.9
	4/15/2003	0.47	0.028	0.47	<0.41	<0.67	<0.54	<1.8	nd
	7/1/2003	--	--	0.34	<0.30	<0.58	<0.60	<1.2	nd
	9/30/2003	--	--	0.26	0.35 *	<0.58	<0.60	<1.2	0.4
	11/10/2003	--	--	0.21	<0.30	<0.58	0.7 *	<1.2	0.7
	5/20/2004	--	--	0.10	<0.41	<0.67	<0.54	<1.8	nd
	11/24/2004	--	<0.0053	--	**44**	<0.36	2.3	1.47 *	47.8
	5/19/2005	--	0.0045 *	--	<0.14	<0.36	<0.40	<0.74	nd
MW-702	8/15/1995	<0.0050	*0.043*	0.20	**5,900**	**2,300**	**1,500**	*1,600*	11,300
	9/25/1995	<0.0050	0.032	0.072	**6,100**	**2,100**	**1,400**	*1,400*	11,000
		Abandoned Monitoring Well							
MW-703	8/15/1995	<0.0050	0.039	0.12	**1,300**	29	**980**	430	2,739
	9/25/1995	<0.0050	0.028	0.14	**1,300**	23	**1,100**	450	2,873
	12/21/1998	0.05	*0.074*	0.20	**1,190**	9.2	**973**	408	2,580
		Abandoned Monitoring Well							
MW-704	8/15/1995	<0.0050	*0.056*	0.31	**340**	*200*	*280*	430	1,250
dup(MW-799)	8/15/1995	0.190	0.022	0.29	**310**	190	*280*	440	1,220
	9/25/1995	<0.0050	*0.062*	0.28	**1,100**	*380*	*670*	970	3,120
dup(MW-799)	9/25/1995	0.02	*0.041*	0.36	**1,100**	*360*	*610*	900	2,970
	12/21/1998	0.22	0.017	0.31	**29**	1.6 *	13	11.3	55
dup(MW-B)	12/21/1998	0.29	0.023	0.29	**22**	1.2 *	9.5	8.7 *	41
		Abandoned Monitoring Well							

Table 2. Groundwater Analytical Results - Cyanide and BTEX
Wisconsin Public Service Corporation - Campmarina Former Manufactured Gas Plant Site
Sheboygan, Wisconsin

Sampling Location	Sampling Date	Cyanide, dissolved (mg/L)			BTEX (µg/L)				
		Cyanide (amenable)	Cyanide (weak acid dissociable)	Cyanide (total)	Benzene	Toluene	Ethylbenzene	Xylene, total	Total BTEX
Wisconsin Groundwater Quality Standards (NR140)									
Preventive Action Limit		ns	*0.04*	ns	*0.5*	*200*	*140*	*1,000*	ns
Enforcement Standard		ns	**0.2**	ns	**5**	**1,000**	**700**	**10,000**	ns
MW-705	8/15/1995	<0.0050	<0.0050	<0.0050	<1.0	<1.0	<1.0	<3.0	nd
	9/25/1995	<0.0050	<0.0050	<0.0050	<0.50	<1.0	<1.0	<3.0	nd
	12/21/1998	<0.001	<0.001	<0.001	<0.50	<0.60	<0.60	<2.2	nd
dup(MW-A)	12/21/1998	<0.001	0.004	<0.001	<0.50	<0.60	<0.60	<2.2	nd
	6/25/2002	0.076	0.013	0.080	<0.45	<0.68	<0.82	<1.7	nd
dup(QA/QC-1)	6/25/2002	0.088	0.008	0.10	<0.45	<0.68	<0.82	<1.7	nd
	11/7/2002	0.110	<0.0027	0.060	<0.25	<0.84	<0.53	<1.1	nd
	4/15/2003	0.10	0.0064	0.10	<0.41	<0.67	<0.54	<1.8	nd
	7/1/2003	--	--	0.14	<0.30	<0.58	<0.60	<1.2	nd
	9/30/2003	--	--	0.15	<0.30	<0.58	<0.60	<1.2	nd
	11/10/2003	--	--	0.17	<0.30	<0.58	<0.60	<1.2	nd
	5/20/2004	--	--	0.15	<0.41	<0.67	<0.54	<1.8	nd
	11/24/2004	--	0.0058 *	--	<0.14	<0.36	<0.40	<0.74	nd
	5/19/2005	--	0.01	--	<0.14	<0.36	<0.40	<0.74	nd
MW-706	8/15/1995	<0.0050	<0.0050	<0.0050	**34,000**	**13,000**	*560*	*7,900*	55,460
	9/25/1995	<0.0050	<0.0050	<0.0050	**31,000**	**12,000**	<2,500	*7,700*	50,700
	6/25/2002	0.078	0.0099	0.081	**1,900**	**1,300**	*270*	*1,020*	4,490
	11/7/2002	--	--	--	--	--	--	--	--
	7/1/2003	--	--	0.099	**6,500**	**2,200**	*360*	*1,870*	10,930
	11/10/2003	--	--	0.086	**3,200**	**1,300**	*150*	760	5,410
	5/20/2004	--	--	0.15	**1,100**	*990*	110	400	2,600
	11/24/2004	--	0.0086 *	-	**4,000**	**1,700**	*230*	*1,380*	7,310
	5/19/2005	--	0.0046 *	--	**1,800**	*500*	56	520	2,876
PZ-702	12/21/1998	<0.002	<0.002	<0.002	<0.50	1.5 *	<0.60	<2.2	1.5
	6/25/2002	<0.0023	<0.00084	<0.0023	<0.45	<0.68	<0.82	<1.7	nd
	11/7/2002	<0.0027	<0.0027	<0.0027	<0.25	<0.84	<0.53	<1.1	nd
	4/15/2003	<0.0015	<0.0019	<0.0015	<0.41	<0.67	<0.54	<1.8	nd
dup(QA/QC-1)	4/15/2003	<0.0015	<0.0095 C	<0.0015	<0.41	<0.67	<0.54	<1.8	nd
	7/1/2003	--	--	<0.0015	<0.30	<0.58	<0.60	<1.2	nd
	9/30/2003	--	--	0.0033 *,B	<0.30	<0.58	<0.60	<1.2	nd
	11/10/2003	--	--	0.01	<0.30	<0.58	<0.60	<1.2	nd
dup(field)	11/10/2003	--	--	0.0032*	<0.30	<0.58	<0.60	<1.2	nd
	5/20/2004	--	--	<0.0016	<0.41	<0.67	<0.54	<1.8	nd
	11/24/2004	--	<0.0053	--	<0.14	<0.36	<0.40	<0.74	nd
	5/19/2005	--	<0.0025	--	<0.14	<0.36	<0.40	<0.74	nd
MW-707	8/15/1995	0.210	*0.042*	0.38	**1,500**	190	**3,600**	*1,400*	6,690
	9/25/1995	<0.0050	*0.058*	0.44	**1,200**	130	**3,500**	*1,200*	6,030
	12/21/1998	0.13	0.033	0.64	**830**	82 *	**3,110**	990 *	5,012
MW-707R	6/25/2002	0.76	0.010	0.78	**1,100**	51	**2,300**	760	4,211
	11/7/2002	--	--	--	--	--	--	--	--
	7/1/2003	--	--	0.26	**1,300**	73	**2,800**	950	5,123
	11/10/2003	--	--	0.30	**1,500**	76	**3,000**	*1,050*	5,626
	5/20/2004	--	--	--	**1,000**	76	**2,500**	910	4,486
	11/24/2004	--	0.0087 *	--	**1,300**	74	**2,400**	790	4,564
	5/19/2005	--	0.0051 *	--	**1,300**	93	**2,500**	910	4,803

Table 2. Groundwater Analytical Results - Cyanide and BTEX
Wisconsin Public Service Corporation - Campmarina Former Manufactured Gas Plant Site
Sheboygan, Wisconsin

Sampling Location	Sampling Date	Cyanide, dissolved (mg/L)			BTEX (µg/L)				
		Cyanide (amenable)	Cyanide (weak acid dissociable)	Cyanide (total)	Benzene	Toluene	Ethylbenzene	Xylene, total	Total BTEX
Wisconsin Groundwater Quality Standards (NR140)									
Preventive Action Limit		ns	*0.04*	ns	*0.5*	*200*	*140*	*1,000*	ns
Enforcement Standard		ns	**0.2**	ns	**5**	**1,000**	**700**	**10,000**	ns
PZ-703	12/21/98**	0.002 *	0.002 *	0.002 *	**960 ****	26 **	*429 **	301 **	1,716
	12/21/98***	--	--	--	**1,170 *****	26 ***	*527 ****	299 ***	2,022
	1/19/1999	--	--	--	**71**	9.6	12	15.2	108
	6/25/2002	<0.0023	0.0009 *	<0.0023	**570**	14	*150*	86	820
	11/7/2002	0.0080 *	<0.0027	0.0070 *	**460**	16	130	101	707
	4/15/2003	0.0025 *	<0.0019	0.0025 *	**880**	22	*260*	146	1,308
	7/1/2003	--	--	0.0019 *	**1,800**	64	**760**	450	3,074
	9/30/2003	--	--	0.0039 *,B,A	**2,000**	65	**910**	520	3,495
	11/10/2003	--	--	0.0051	**2,100**	65	**1,100**	560	3,825
	5/20/2004	--	--	0.039	**1,000**	31	**750**	390	2,171
	8/24/2004	--	<0.011 C,N	--	**3,700**	110	**2,800**	*1,180*	7,790
	11/24/2004	--	<0.0053	--	**3,200**	110	**2,200**	*1,090*	6,600
	5/19/2005	--	0.0036 *	--	**380**	9.3	*220*	113	722
MW-708	12/21/1998	<0.001	<0.001	<0.001	<0.50	<0.60	<0.60	<2.2	nd
	6/25/2002	0.003 *	<0.00084	0.0036 *	<0.45	<0.68	<0.82	<1.7	nd
	11/7/2002	<0.0027	<0.0027	0.0060 *	<0.25	<0.84	<0.53	<1.1	nd
dup(QA/QC-1)	11/7/2002	0.0040 *	<0.0027	0.0040 *	<0.25	<0.84	<0.53	<1.1	nd
	4/15/2003	<0.0015	0.0022 *	<0.0015	<0.41	<0.67	<0.54	<1.8	nd
	7/1/2003	--	--	0.0046 *	<0.30	<0.58	<0.60	<1.2	nd
	9/30/2003	--	--	0.0034 *,B	<0.30	<0.58	<0.60	<1.2	nd
	11/10/2003	--	--	0.0046*	<0.30	<0.58	<0.60	<1.2	nd
	5/20/2004	--	--	0.0042 *	<0.41	<0.67	<0.54	<1.8	nd
	11/24/2004	--	<0.0053	--	**11**	<0.36	0.43 *	<0.74	11.4
	5/19/2005	--	0.0027 *	--	<0.14	<0.36	<0.40	<0.74	nd
MW-709	12/21/1998	0.03	0.014	0.030	<0.50	<0.60	<0.60	<2.2	nd
MW-709R	6/25/2002	0.45	0.027	0.480	<0.45	<0.68	<0.82	<1.7	nd
	11/7/2002	0.038	0.0070 *	0.16	<0.25	<0.84	<0.53	<1.1	nd
	4/15/2003	0.28	0.010	0.28	<0.41	<0.67	<0.54	<1.8	nd
	7/1/2003	--	--	0.25	<0.30	<0.58	<0.60	<1.2	nd
dup(M)	7/1/2003	--	--	0.24 N	<0.30	<0.58	<0.60	<1.2	nd
	9/30/2003	--	--	0.11	<0.30	<0.58	<0.60	<1.2	nd
dup(M)	9/30/2003	--	--	0.12	<0.30	<0.58	<0.60	<1.2	nd
	11/10/2003	--	--	0.10	<0.30	<0.58	<0.60	<1.2	nd
	5/20/2004	--	--	0.046	<0.41	<0.67	<0.54	<1.8	nd
dup(Field)	5/20/2004	--	--	0.041	<0.41	<0.67	<0.54	<1.8	nd
	11/24/2004	--	0.0057 *	--	<0.14	<0.36	<0.40	<0.74	nd
dup(QC-1)	11/24/2004	--	0.0064 *	--	0.14 *	<0.36	<0.40	<0.74	0.14
	5/19/2005	--	0.0037 *	--	<0.14	<0.36	<0.40	<0.74	nd
dup(QC-1)	5/19/2005	--	0.0052 *N	--	<0.14	<0.36	<0.40	<0.74	nd

Table 2. Groundwater Analytical Results - Cyanide and BTEX
Wisconsin Public Service Corporation - Campmarina Former Manufactured Gas Plant Site
Sheboygan, Wisconsin

Sampling Location	Sampling Date	Cyanide, dissolved (mg/L)			BTEX (µg/L)				
		Cyanide (amenable)	Cyanide (weak acid dissociable)	Cyanide (total)	Benzene	Toluene	Ethylbenzene	Xylene, total	Total BTEX
Wisconsin Groundwater Quality Standards (NR140)									
Preventive Action Limit		ns	*0.04*	ns	*0.5*	*200*	*140*	*1,000*	ns
Enforcement Standard		ns	**0.2**	ns	**5**	**1,000**	**700**	**10,000**	ns
Biosparge Wells									
BW-6	5/20/2004	--	--	0.0032	<0.41	<0.67	<0.54	<1.8	nd
	11/24/2004	--	<0.0053	--	<0.14	<0.36	<0.40	<0.74	nd
	5/19/2005	--	0.003 *N	--	<0.14	<0.36	<0.40	<0.74	nd
BW-15	5/20/2004	--	--	0.077	*2.8*	<0.67	2.5	2.6 *	7.9
	11/24/2004	--	0.0097 *	--	<0.14	<0.36	<0.40	<0.74	nd
	5/19/2005	--	0.0045 *	--	**1,400**	10*	*670*	144	2,224

[U-PAR/JTB 11/03 U-HMS 1/29/04 U-LJH/HMS 2/23/04 U-HMS/LJH 6/4/04 U-HMS/MJR 9/17/04 U-HMS/JTB 12/13/04 U-HMS/RTB 6/05]

Notes:

1) Concentrations that attain/exceed a preventive action limit (PAL) are *italics and underlined*.
2) Concentrations that attain/exceed an enforcement standard (ES) are **underlined and bold**.
3) Site was transitioned to low flow sampling beginning with 11/24/04 sampling event.

<0.0050 : Parameter not detected above the Limit of Detection indicated.
-- : Analysis was not performed
nd : Analyte not detected
ns : NR 140 standard not established
dup(QA/QC-1): Field duplicate sample (field identity shown in parentheses).

Laboratory Notes:

* : Laboratory note - Parameter detected above the limit of detection (LOD) but below the limit of Quantitation (LOQ).
** : Laboratory note - The original analysis contained concentrations above the calibration curve.
*** : Laboratory note - The sample was reanalyzed past hold time, concentrations were within the calibration curve.
A : Laboratory note-Laboratory Control Spike recovery not within control limits.
B : Laboratory note-Analyte present in method blank.
C : Laboratory note- Elevated detection limit.
N : Laboratory note-Spiked sample recovery not within control limits.
M : Field duplicate identity was erroneously identified (field duplicate or field blank)

Table 3. Groundwater Analytical Results - Polynuclear Aromatic Hydrocarbons
Wisconsin Public Service Corporation - Campmarina Former Manufactured Gas Plant Site
Sheboygan, Wisconsin

Sampling Location	Sampling Date	POLYNUCLEAR AROMATIC HYDROCARBONS - PAHs (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-Methylnaphthalene	2-Methylnaphthalene	Naphthalene	Phenanthrene	Pyrene	Total PAHs
Wisconsin Groundwater Quality Standards (NR 140)																				
Preventive Action Limit		ns	ns	*600*	ns	*0.02*	*0.02*	ns	ns	*0.02*	ns	*80*	*80*	ns	ns	ns	*8*	ns	*50*	ns
Enforcement Standard		ns	ns	**3,000**	ns	**0.2**	**0.2**	ns	ns	**0.2**	ns	**400**	**400**	ns	ns	ns	**40**	ns	**250**	ns
MW-701	8/15/1995	800	<2.0	23	3.4	**1.8**	**0.6**	1.2	0.54	**1.7**	0.25	49	*130*	0.76	--	--	**220**	100	20	1,352
	9/25/1995	680	1,100	17	2	**1**	**0.24**	0.67	0.3	**1.0**	0.4	29	*100*	0.36	--	--	**3,800**	81	11	5,824
	12/21/1998	420	<1.3	32	15	**7.7**	**5.4**	4.5	2.5	**7.6**	6.7	56	*92*	4.3	367	188	**3,740**	129	*98*	5,176
MW-701R	6/25/2002	2,500 D	<770 D	*1,300 D, **	<630	**420 D, ***	<470 D	<500 D	<430 D	**640 D, ***	63	**1,300 D, ***	**790 D, ***	<470 D	--	--	**9,400 D**	3,500 D	**1,800 D, ***	21,713
	11/7/2002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	7/1/2003	310 D,*,&	17 &	<200 D	45	**35**	**16**	15	19	**42**	3.5 *	<130 D	<170 D	10	420 D,A,*,&	480 D,*,&	**2,200 D,&**	260 D, *	<170 D	3,873
	11/10/2003	400 D,&	25	120 D, *	100	**66**	**28**	24	30	**72**	6.2 *	*140 *,D*	*110 *,D*	18	420D	480D	**2,000 D,&**	420D	**270 *,D**	4,729
	5/20/2004	250 D,*	10	<94 D	30	**21**	**9.4**	8.7	11	**24**	1.9 *	67 *,D	<80 D	6 *	270 D,*	280 D	**1,400 D**	240 D, *	*120 *,D*	2,749
	11/24/2004	180 D,*	11 *	50	23	**17**	**6.4 ***	6.9 *	9.1 *	**21**	<4.4	49	51 D	4.9 *	260 D,*	250 D, *	**1,500 D**	140 D, *	*64*	2,643
	5/19/2005	180 D,*	8.3 *	44	18	**16**	**7.8 ***	7.6 *	9.9 *	**21**	<4.4	43	49	4.8 *	240 D,*	230 D, *	**1,500 D**	150 D, *	*61*	2,590
PZ-701	8/17/1995	<1.0	<2.0	1.5	0.89	**0.43**	**0.21**	0.24	0.18	**0.61**	<0.10	3.3	1.0	<0.10	--	--	<1.0	6.6	2.1	17
	9/26/1995	<1.0	<2.0	0.25	0.13	<0.20	<0.050	<0.10	<0.050	*0.13*	<0.10	0.70	<0.40	<0.10	--	--	<1.0	0.8	0.77	2.8
	12/21/1998	<1.4	<1.3	0.23 *	0.25 *	<0.21	<0.12	<0.23	<0.23	<0.092	<0.25	0.60 *	0.42	<0.11	<0.94	<0.92	7.3	0.80	1.1 *	11
	6/25/2002	0.040 *	0.059 *	0.073	0.13	*0.100*	*0.084*	0.059	0.065	*0.092*	0.018 *	0.23	<0.021	0.058	--	--	0.18	0.10	0.19	1.5
	11/7/2002	0.11 *	0.087 *	0.15 *	0.19 *	*0.16*	*0.17*	0.16	0.14 *	*0.16*	<0.048	0.44 *	0.053	0.13 *	0.076 *	<0.051	0.34	0.38	0.38	3.1
	4/15/2003	<0.018	<0.019	0.023 *	0.019 *	0.017 *	0.017 *	0.017 *	<0.019	0.015 *	<0.016	0.029 *	<0.017	<0.021	0.045 *	0.045 *	0.067 *	0.032 *	0.034 *	0.4
	9/30/2003	0.043 *	0.13	0.23	0.42	**0.24**	*0.19*	0.15	0.17 &	**0.27**	0.067	0.82 D	0.056 *	0.14	0.046 *	0.042 *	0.22	0.89 D	0.82 D	4.9
	11/10/2003	0.28&	0.68 D,*	1.2 D,*	2.4D	**1.5D**	*1.1D*	0.65 D,*	1.1 D,*	**1.5D**	0.240	4.4D	0.34	0.60 D,*	0.27	0.17	1.3 D,*,&	4.6D	4.2D	26.5
	5/24/2004	0.055 *	<0.018	0.022*	<0.011	<0.013	<0.012	<0.015	<0.018	<0.013	<0.015	0.014*	0.018*	<0.02	0.05*	0.017*	0.22	0.029*	0.017*	0.44
	11/24/2004	0.44	0.084	0.077	<0.020	<0.018	<0.018	<0.021	<0.020	<0.017	<0.022	0.029*	0.13	<0.017	0.81*	0.72 D, *	4.3 D	0.23	0.038*	6.86
	5/19/2005	<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	0.066 *	<0.002	<0.016	0.07
MW-702	8/15/1995	390	<2.0	19	2.9	**1.4**	**0.32**	0.93	0.48	**1.5**	0.23	41	*150*	0.55	--	--	**7,300**	96	35	8,039
	9/25/1995	400	1,400	17	3.7	**1.8**	**0.66**	1.6	0.73	**1.9**	0.28	32	*140*	0.76	--	--	**6,400**	90	13	8,503
		Abandoned Monitoring Well																		
MW-703	8/15/1995	180	<2.0	17	1.4	**0.46**	*0.1*	0.24	0.16	**0.55**	0.17	28	70	0.16	--	--	**2,400**	74	9.2	2,781
	9/25/1995	220	430	14	1.2	**0.37**	*0.05*	0.34	0.12	**0.51**	0.23	19	54	0.19	--	--	**2,700**	58	5.9	3,504
	12/21/1998	262	<1.3	5.9	8.7	**2.4**	**1.7**	1.6	0.91	<0.092	<0.25	10	45	1.4	408	<0.92	**3,080**	24	16	3,868
		Abandoned Monitoring Well																		

Table 3. Groundwater Analytical Results - Polynuclear Aromatic Hydrocarbons
Wisconsin Public Service Corporation - Campmarina Former Manufactured Gas Plant Site
Sheboygan, Wisconsin

Sampling Location	Sampling Date	POLYNUCLEAR AROMATIC HYDROCARBONS - PAHs (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-Methylnaphthalene	2-Methylnaphthalene	Naphthalene	Phenanthrene	Pyrene	Total PAHs
Wisconsin Groundwater Quality Standards (NR 140)																				
Preventive Action Limit		ns	ns	*600*	ns	*0.02*	*0.02*	ns	ns	*0.02*	ns	*80*	*80*	ns	ns	ns	*8*	ns	*50*	ns
Enforcement Standard		ns	ns	**3,000**	ns	**0.2**	**0.2**	ns	ns	**0.2**	ns	**400**	**400**	ns	ns	ns	**40**	ns	**250**	ns
MW-704	8/15/1995	770	<2.0	44	26	**22**	**8.9**	17	7.9	**19**	<0.10	*150*	*180*	10	--	--	**5,200**	220	*56*	6,731
dup(MW-799)	8/15/1995	660	<2.0	44	25	**21**	**8.7**	16	7.3	**19**	<0.10	*140*	*190*	9.2	--	--	**3,600**	220	*55*	5,015
	9/25/1995	440	1,400	20	5.0	**3.1**	**2.7**	<0.10	2.3	**3.5**	<0.10	36	*120*	<0.10	--	--	**4,200**	120	13	6,366
dup(MW-799)	9/25/1995	420	1,100	64	46	**38**	**14**	31	15	**31**	3.2	*210*	*170*	20	--	--	**3,100**	310	*83*	5,655
	12/21/1998	1.6 *	5.9	6.0	8.9	**9.5**	**8.1**	7.0	3.5	**4.4**	<0.25	21	10	7.7	14	3.6	*22*	19	26	178
dup(MW-B)	12/21/1998	1.6 *	<1.3	4.9	6.6	**7.6**	**6.0**	5.3	2.4	**3.0**	<0.25	16	6.8	5.8	9.5	<0.92	*17*	16	20	129
		Abandoned Monitoring Well																		
MW-705	8/15/1995	<1.0	<2.0	<0.20	<0.050	<0.20	<0.050	<0.10	<0.050	<0.10	<0.10	<0.20	<0.40	<0.10	--	--	<1.0	<0.40	<0.20	nd
	9/25/1995	<1.0	<2.0	<0.20	<0.050	<0.20	<0.050	<0.10	<0.050	<0.10	<0.10	<0.20	<0.40	<0.10	--	--	<1.0	<0.40	<0.20	nd
	12/21/1998	<1.4	<1.3	<0.10	<0.10	<0.21	<0.12	<0.23	<0.23	<0.092	<0.25	<0.23	<0.056	<0.11	<0.94	<0.92	<0.73	<0.11	<0.39	nd
dup(MW-A)	12/21/1998	<1.4	<1.3	<0.10	<0.10	<0.21	<0.12	<0.23	<0.23	<0.092	<0.25	<0.23	<0.056	<0.11	<0.94	<0.92	<0.73	<0.11	<0.39	nd
	6/25/2002	<0.018	<0.023	<0.020	<0.019	<0.012	<0.014	<0.015	<0.013	<0.018	<0.017	<0.028	<0.021	<0.014	--	--	<0.027	<0.019	<0.020	nd
dup(QA/QC-1)	6/25/2002	<0.018	<0.023	<0.020	<0.019	<0.012	<0.014	<0.015	<0.013	<0.018	<0.017	<0.028	<0.021	<0.014	--	--	<0.027	<0.019	<0.020	nd
	11/7/2002	<0.018	<0.019	<0.020	<0.012	0.017 *	0.013 *	<0.016	<0.019	<0.014	<0.016	0.016 *	<0.017	<0.021	<0.017	<0.017	<0.024	<0.016	<0.017	0.05
	4/15/2003	<0.018	<0.019	<0.020	<0.012	<0.014	<0.013	<0.016	<0.019	<0.014	<0.016	<0.013	<0.017	<0.021	<0.018	0.031 *	0.10	<0.016	<0.017	0.1
	7/1/2003	<0.018 &	<0.019 &	<0.020	<0.012	<0.014	<0.013	<0.016	<0.019	<0.014	<0.016	0.015 *	<0.017	<0.021	<0.018 A,&	<0.017 &	0.029 *,&,B	<0.016	0.018 *	0.1
	9/30/2003	<0.018	<0.019	<0.020	0.016 *	0.014 *	<0.013	<0.016	<0.019 &	0.014 *	<0.016	0.014 *	<0.017	<0.021	<0.018	<0.017	0.059 *	<0.016	0.020 *	0.1
	11/10/2003	<0.018 &	0.044*	0.024*	0.021 *	0.017 *	<0.013	<0.016	<0.019	0.014 *	<0.016	0.028 *	0.019*	<0.021	0.044*	0.053*	0.25&	0.071	0.039 *	0.6
	5/20/2004	0.019*	<0.018	<0.019	0.017 *	*0.02 *	0.015 *	<0.015	<0.018	0.016 *	<0.015	0.025 *	<0.016	<0.02	0.082	0.04	0.39	0.022*	0.029 *	0.7
	11/24/2004	<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	0.17	<0.020	<0.016	0.17
	5/19/2005	<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	0.055*	<0.020	<0.016	0.06
MW-706	8/15/1995	197,000	1,480,000	**177,000**	129,000	**83,000**	**31,000**	62,000	29,000	**82,000**	13,000	**266,000**	**640,000**	32,000	--	--	**1,900,000**	730,000	**142,000**	5,993,000
	9/25/1995	9,400	82,000	**15,000**	11,000	**6,700**	**2,400**	4,900	980	**5,400**	<10	**8,400**	**57,000**	2,700	--	--	**166,000**	56,000	**9,700**	437,580
	6/25/2002	<290 D	2,700 D	*1,400 D*	1,000 D	**830 D**	**270 D, ***	270 D, *	460 D, *	**920 D**	<270 D	**2,200 D**	**1,200**	320 D, *	--	--	**7,100 D**	3,200 D	**2,200**	24,070
	11/7/2002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	7/1/2003	34 &	370 D,*,&	<200 D	<120 D	<140 D	**29**	21	31	<140 D	6.4	<130 D	<170 D	18	510 D,A,*,&	640 D,&	**2,200 D,&**	250 D, *	<170 D	4,109
	11/10/2003	41 &	400D	140	190	**130**	**70**	43	70	**130**	14*	*280*	*150*	38*	510D	640D	**2,900 D,&**	410D	**360 D**	6,516
	5/20/2004	16	220 D	43	65 *,D	**87 *,D**	**44**	31	36	**47**	11	*80 *,D*	40	27	130 D	140 D	**680 D**	110 D	*130 D*	1,937
	11/24/2004	97	510 D, *	240 D, *	270 E	**180**	**78**	60	98	**190 E**	18 *	*260 *,D*	*240 *,D*	54	640 *,D	840 D	**2,600 D**	720 D	**300 D,***	7,395
	5/19/2005	<7.8	80	<7.1	<7.8	<7.2	<7.2	<8.3	<7.7	<6.6	<8.8	<6.6	<8.7	<6.8	120	75	**500 D**	<8.2	<6.5	775

Table 3. Groundwater Analytical Results - Polynuclear Aromatic Hydrocarbons
Wisconsin Public Service Corporation - Campmarina Former Manufactured Gas Plant Site
Sheboygan, Wisconsin

Sampling Location	Sampling Date	POLYNUCLEAR AROMATIC HYDROCARBONS - PAHs (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-Methylnaphthalene	2-Methylnaphthalene	Naphthalene	Phenanthrene	Pyrene	Total PAHs
		Wisconsin Groundwater Quality Standards (NR 140)																		
Preventive Action Limit		ns	ns	*600*	ns	*0.02*	*0.02*	ns	ns	*0.02*	ns	*80*	*80*	ns	ns	ns	*8*	ns	*50*	ns
Enforcement Standard		ns	ns	**3,000**	ns	**0.2**	**0.2**	ns	ns	**0.2**	ns	**400**	**400**	ns	ns	ns	**40**	ns	**250**	ns
PZ-702	12/21/1998	<1.4	<1.3	0.44	0.90	<0.21	**0.20 ***	<0.23	<0.23	**0.27 ***	<0.25	1.5	0.50	<0.11	<0.94	<0.92	1.2 *	1.5	2.3	8.8
	6/25/2002	<0.018	0.059*	<0.020	<0.019	<0.012	<0.014	<0.015	<0.013	<0.018	<0.017	<0.028	0.030*	<0.014	--	--	0.42	0.063	0.021 *	0.6
	11/7/2002	<0.018	0.023 *	<0.020	0.015 *	<0.014	<0.013	0.016 *	<0.019	*0.023 **	<0.016	0.039 *	0.020 *	<0.021	0.031 *	0.032 *	0.087	0.084	0.046 *	0.4
	4/15/2003	<0.018	<0.019	<0.020	0.013 *	<0.014	<0.013	<0.016	<0.019	<0.014	<0.016	0.013	0.017	<0.021	0.054 *	0.045 *	0.12	0.042 *	0.018 *	0.3
dup(QA/QC-1)	4/15/2003	<0.018	<0.019	<0.020	0.012 *	<0.014	<0.013	<0.016	<0.019	<0.014	<0.016	<0.013	<0.017	<0.021	0.042 *	0.072	0.20	0.026 *	<0.017	0.4
	7/1/2003	<0.018 &	0.037 *,&,B	<0.020	<0.012	<0.014	<0.013	<0.016	<0.019	0.014 *	<0.016	0.022 *	<0.017	<0.021	#########	0.022 *,&,B	0.045 *,&,B	0.058 B	0.033 *	0.3
	9/30/2003	<0.018	<0.019	<0.020	<0.012	<0.014	<0.013	<0.016	<0.019 &	<0.014	<0.016	<0.013	<0.017	<0.021	<0.018	<0.017	0.049 *	0.019 *	<0.017	0.1
	11/10/2003	0.027 &,*	0.03*	0.025*	0.038*	*0.034**	0.019*	0.019*	<0.019	*0.033**	<0.016	0.046	0.02*	<0.021	0.030*	0.032 *	0.13&	0.082	0.080	0.6
dup(field)	11/10/2003	<0.018	0.22*	<0.02	0.025*	*0.021**	0.014*	<0.016	<0.019	*0.028**	<0.016	0.034*	<0.017	<0.021	0.022*	0.025 *	0.110	0.068	0.054*	1.2
	5/20/2004	<0.017	0.031*	<0.019	<0.011	<0.013	<0.012	<0.015	<0.018	0.015*	<0.015	0.017*	<0.016	<0.02	0.029*	0.034 *	0.6 D	0.028 *	0.027*	0.8
	11/24/2004	<0.019	0.023*	<0.018	<0.020	<0.018	<0.018	<0.021	<0.019	<0.016	<0.022	<0.016	<0.022	<0.017	0.068	0.063 *	0.46	<0.020	<0.016	0.6
	5/19/2005	<0.02	<0.02	<0.019	<0.021	<0.019	<0.019	<0.022	<0.02	<0.017	<0.023	<0.017	<0.023	<0.018	0.023 *	0.026 *	0.16	<0.021	<0.017	0.2
MW-707	8/15/1995	430	<2.0	12	2.2	**1.6**	**0.38**	1.3	0.52	**1.3**	0.25	27	*93*	0.74	--	--	**3,100**	60	12	3,742
	9/25/1995	240	1,400	10	0.4	**0.66**	**0.23**	0.83	0.19	**0.64**	0.40	21	*81*	0.35	--	--	**3,400**	60	5	5,221
	12/21/1998	221	<1.3	15	<0.10	**2.1**	<0.12	1.7	0.76	**2.2**	<0.25	28	64	1.3	454	<0.92	**3,470**	69	*58*	4,387
MW-707R	6/25/2002	< 120 D	6.4	6.2	1.8	**1.2**	**0.73 ***	0.61 *	0.51 *	**1.2**	<0.34	7.5	<130 D	0.48 *	--	--	**1,600 D**	<120 D	7.3	1,634
	11/7/2002	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	7/1/2003	<180 D,&	6.8 &	9	1.8 *	**1.5 ***	<1.3	<1.6	<1.9	**1.8 ***	<1.6	9.6	39	<2.1	270 D,A,*,&	18 &	**1,800 D,&**	<160 D	12	2,170
	11/10/2003	<180 &,D	11	13	6.80	**5.20**	**2.7***	2.3*	2.6*	**5.6**	<1.6	18	47	<2.1	310 D, *	21	**2,000 D, &**	<160D	29	2,474
	5/20/2004	43	6.1	12	5.2	**4.1***	**2.0***	2.2*	2.3*	**4.4**	<1.5	15	31	<2.0	230 *,D	14	**1,600 D**	77 *,D	19	2,067
	11/24/2004	57	6.3 *	6.1 *	<3.9	<3.6	<3.6	<4.1	<3.9	<3.3	<4.4	3.6 *	31	<3.4 D	250 *,D	14 *	**1,700 D**	34	3.4 *	2,105
	5/19/2005	55	<7.8	8.3 *	<7.9	<7.3	<7.2	<8.3	<7.8	<6.6	<8.9	6.9 *	29 *	<6.9	250 *,D	21 *	**1,900 D**	48	7.7 *	2,326
PZ-703	12/21/1998	<1.4	<1.3	0.20 *	0.22 *	<0.21	<0.12	<0.23	<0.23	<0.092	<0.25	0.25 *	0.44	<0.11	2.8 *	<0.92	**86**	0.53	0.64 *	91
	6/25/2002	1.2	<0.46	0.45 *	<0.38	<0.24	<0.28	<0.30	<0.26	<0.36	<0.34	<0.56	<0.42	<0.28	--	--	**190**	0.38 *	<0.40	192
	11/7/2002	<1.8	<1.9	<2.0	<1.2	<1.4	<1.3	<1.6	<1.9	<1.4	<1.6	<1.3	<1.7	<2.1	<1.7	<1.7	**41**	<1.6	<1.7	41
	4/15/2003	<1.4	<1.5	<1.6	<0.96	<1.1	<1.0	<1.3	<1.5	<1.1	<1.3	<1.0	<1.4	<1.7	<1.4	<1.4	*30*	1.4 *	<1.4	31
	7/1/2003	2.8 &,*	<1.9 &	<2.0	<1.2	<1.4	<1.3	<1.6	<1.9	<1.4	<1.6	<1.3	<1.7	<2.1	7.0 &,A	5.0 &,*	**410 D,&**	<1.6	<1.7	425
	9/30/2003	3.9	0.47 *	<0.40	<0.24	<0.28	<0.26	<0.32	<0.38 &	<0.28	<0.32	<0.26	0.41 *	<0.42	8.4	7.2	**350 D**	0.41 *	<0.34	371
	11/10/2003	7.4&	<1.9	<2.0	<1.2	<1.4	<1.3	<1.6	<1.9	<1.4	<1.6	<1.3	<1.7	<2.1	13	12	**510 D, &**	4.2 *	1.8 *	548
	5/20/2004	15	<1.8	<1.9	<1.1	<1.3	<1.2	<1.5	<1.8	<1.3	<1.5	<1.2	<1.6	<2.0	38	40	**1,900 D**	<1.5	<1.6	1,993
	8/24/2004	21 *	<7.7	<7.1	<7.8	<7.2	<7.2	<8.3	<7.7	<6.6	<8.8	<6.6	<8.7	<6.8	45	42	**1,600 D**	<8.2	<6.5	1,708
	11/24/2004	5.9 *	<3.9	<3.6	<4.0	<3.7	<3.6	<4.2	<3.9	<3.3	<4.4	<3.3	<4.4	<3.4	18	17	**760 D**	<4.1	<3.3	801
	5/19/2005	1.1	0.087	<0.071	<0.078	<0.072	<0.072	<0.083	<0.077	<0.066	<0.088	<0.066	0.097 *	<0.068	1.9 D	0.59	0.97	<0.082	0.065	5

Table 3. Groundwater Analytical Results - Polynuclear Aromatic Hydrocarbons
Wisconsin Public Service Corporation - Campmarina Former Manufactured Gas Plant Site
Sheboygan, Wisconsin

		POLYNUCLEAR AROMATIC HYDROCARBONS - PAHs (µg/L)																		
Sampling Location	**Sampling 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-Methylnaphthalene**	**2-Methylnaphthalene**	**Naphthalene**	**Phenanthrene**	**Pyrene**	**Total PAHs**
Wisconsin Groundwater Quality Standards (NR 140)																				
Preventive Action Limit		ns	ns	*600*	ns	*0.02*	*0.02*	ns	ns	*0.02*	ns	*80*	*80*	ns	ns	ns	*8*	ns	*50*	ns
Enforcement Standard		ns	ns	**3,000**	ns	**0.2**	**0.2**	ns	ns	**0.2**	ns	**400**	**400**	ns	ns	ns	**40**	ns	**250**	ns
MW-708	12/21/1998	<1.4	<1.3	<0.10	<0.10	<0.21	<0.12	<0.23	<0.23	<0.092	<0.25	<0.23	<0.056	<0.11	<0.94	<0.92	<0.73	<0.11	<0.39	nd
	6/25/2002	<0.018	<0.023	<0.020	<0.019	0.014 *	<0.014	<0.015	<0.013	<0.018	<0.017	<0.028	<0.021	<0.014	--	--	<0.027	<0.019	<0.020	0.01
	11/7/2002	<0.018	<0.019	<0.020	<0.012	<0.014	<0.013	<0.016	<0.019	<0.014	<0.016	<0.013	<0.017	<0.021	<0.017	<0.017	<0.024	<0.016	<0.017	nd
dup(QA/QC-1)	11/7/2002	<0.018	<0.019	<0.020	<0.012	<0.014	<0.013	<0.016	<0.019	<0.014	<0.016	<0.013	<0.017	<0.021	<0.017	<0.017	<0.024	<0.016	<0.017	nd
	4/15/2003	<0.018	<0.019	<0.020	<0.012	<0.014	<0.013	<0.016	<0.019	<0.014	<0.016	<0.013	<0.017	<0.021	0.019 *	0.026 *	0.088	<0.016	<0.017	0.1
	7/1/2003	0.056 *,&,B	0.032 *,&,B	<0.020	<0.012	<0.014	<0.013	<0.016	<0.019	<0.014	<0.016	<0.013	0.020 *,B	<0.021	0.20 A,&,B	0.20 B,&	1.5 B,D,&	0.024 *,B	<0.017	2.0
	9/30/2003	<0.018	<0.019	<0.020	<0.012	<0.014	<0.013	<0.016	<0.019 &	<0.014	<0.016	<0.013	<0.017	<0.021	<0.018	<0.017	0.23	<0.016	<0.017	0.2
	11/10/2003	0.031 *,&	0.27	0.11	0.11	*0.068*	*0.033**	0.026*	0.038*	*0.071*	<0.016	0.15	0.11	0.022*	0.16	0.19	0.38&	0.36	0.22	2.4
	5/20/2004	<0.017	<0.018	<0.019	<0.011	<0.013	<0.012	<0.015	<0.018	<0.013	<0.015	<0.012	<0.016	<0.02	0.048*	0.02*	0.29	<0.015	<0.016	0.36
	11/24/2004	0.14	<0.020	0.039 *	<0.020	<0.018	<0.018	<0.021	<0.019	<0.017	<0.022	0.036 *	0.046 *	<0.017	0.2	0.19	1.8 D	0.13	0.043 *	2.62
	5/19/2005	0.028*	<0.020	<0.018	<0.020	<0.018	<0.018	<0.021	<0.020	<0.017	<0.022	<0.017	<0.022	<0.017	0.1	<0.023	0.31	<0.021	<0.017	0.44
MW-709	12/21/1998	3.4 *	<1.3	2.9	1.3	**0.30 ***	**0.51**	<0.23	<0.23	**0.66**	<0.25	6.6	3.3	<0.11	<0.94	<0.92	4.6	8.4	10	42
MW-709R	6/25/2002	0.13	<0.023	0.032*	<0.019	*0.10*	<0.014	<0.015	<0.013	<0.018	<0.017	<0.028	0.041 *	<0.014	--	--	1.8 D	0.084	0.027*	2.2
	11/7/2002	<0.018	<0.019	<0.020	<0.012	<0.014	<0.013	<0.016	<0.019	<0.014	<0.016	<0.013	<0.017	<0.021	<0.017	<0.017	<0.024	<0.016	<0.017	nd
	4/15/2003	<0.018	<0.019	<0.020	<0.012	<0.014	<0.013	<0.016	<0.019	<0.014	<0.016	<0.013	<0.017	<0.021	0.020 *	0.034 *	0.12	<0.016	<0.017	0.2
	7/1/2003	<0.018	<0.019	<0.020	<0.012	<0.014	<0.013	<0.016	<0.019	<0.014	<0.016	<0.013	<0.017	<0.021	0.020 *	0.019 *	0.040 *	<0.016	<0.017	0.1
dup(M)	7/1/2003	0.023 *,&,B	0.019 *	<0.020	<0.012	<0.014	<0.013	<0.016	<0.019	<0.014	<0.016	<0.013	<0.017	<0.021	0.084 A,&,B	0.044 *,&,B	0.74 B,D,&	<0.016	<0.017	0.9
	9/30/2003	<0.018	<0.019	<0.020	<0.012	<0.014	<0.013	<0.016	<0.019 &	<0.014	<0.016	<0.013	<0.017	<0.021	<0.018	<0.017	<0.024	<0.016	<0.017	nd
dup(M)	9/30/2003	<0.018	<0.019	<0.020	0.065	*0.059*	*0.066*	0.098	0.056 *,&	*0.057*	0.093	<0.013	<0.017	0.094	<0.018	<0.017	0.025*	<0.016	<0.017	0.6
	11/10/2003	<0.018	<0.019	0.022*	0.016*	<0.014	<0.013	<0.016	<0.019	0.015*	<0.016	0.027*	<0.017	<0.021	<0.018	<0.017	0.050*	0.064	0.033*	0.2
	5/20/2004	<0.017	<0.018	<0.019	<0.011	<0.013	<0.012	<0.015	<0.018	<0.013	<0.015	<0.012	<0.016	<0.02	0.057	0.023*	0.38	<0.015	<0.016	0.5
dup(Field)	5/20/2004	<0.017	<0.018	<0.019	<0.011	<0.013	<0.012	<0.015	<0.018	<0.013	<0.015	<0.012	<0.016	<0.02	0.031*	0.044*	0.15	<0.015	<0.016	0.23
	11/24/2004	<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	0.032 *	<0.020	<0.016	0.03
dup(QC-1)	11/24/2004	<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	0.048*	0.063*	0.29	<0.020	<0.016	0.40
	5/19/2005	<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	0.084	<0.020	<0.016	0.08
dup(QC-1)	5/19/2005	<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	0.027 *	<0.020	<0.016	0.03

Table 3. Groundwater Analytical Results - Polynuclear Aromatic Hydrocarbons
Wisconsin Public Service Corporation - Campmarina Former Manufactured Gas Plant Site
Sheboygan, Wisconsin

Sampling Location	Sampling Date	POLYNUCLEAR AROMATIC HYDROCARBONS - PAHs (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-Methylnaphthalene	2-Methylnaphthalene	Naphthalene	Phenanthrene	Pyrene	Total PAHs
Wisconsin Groundwater Quality Standards (NR 140)																				
Preventive Action Limit		ns	ns	*600*	ns	*0.02*	*0.02*	ns	ns	*0.02*	ns	*80*	*80*	ns	ns	ns	*8*	ns	*50*	ns
Enforcement Standard		ns	ns	**3,000**	ns	**0.2**	**0.2**	ns	ns	**0.2**	ns	**400**	**400**	ns	ns	ns	**40**	ns	**250**	ns
Biosparge Well																				
BW-6	5/20/2004	<0.017	<0.018	<0.019	<0.011	<0.013	<0.012	<0.015	<0.018	<0.013	<0.015	<0.012	<0.016	<0.02	<0.017	<0.016	0.075*	<0.015	<0.016	0.1
	11/24/2004	<0.19	<0.19	<0.18	<0.20	<0.18	<0.018	<0.21	<0.19	<0.16	<0.22	<0.16	<0.22	<0.17	<0.20	<0.23	<0.22	<0.20	<0.16	nd
	5/19/2005	<0.2	<0.2	0.025*	0.045*	0.091	0.047*	0.083	0.053*	0.048*	<0.022	0.037*	<0.22	0.048 *	<0.020	<0.023	0.036*	0.024*	0.066	0.6
BW-15	5/20/2004	0.22	<0.018	<0.019	<0.011	<0.013	<0.012	<0.015	<0.018	<0.013	<0.015	<0.012	0.043*	<0.02	1.3 D	0.32	5.9 D	0.031*	<0.016	7.8
	11/24/2004	11 D	<0.39	<0.35	<0.39	<0.36	<0.36	<0.41	<0.39	<0.33	<0.44	<0.33	1.8	<0.34	28 D	0.68 *	1.9	0.97 *	<0.33	44.4
	5/19/2005	38 D	0.99*	0.36*	<0.39	<0.36	<0.36	<0.41	<0.39	<0.33	<0.44	<0.33	6.1	<0.34	110 D	<0.45	**130 D**	2.2	<0.33	287.7

[U-PAR/JTB 11/03 U-HMS 1/29/04 U-LJH/HMS 2/23/04 U-HMS/LJH 6/4/04 U-HMS/MJR 9/17/04 U-HMS/JTB 12/13/04 U-HMS/RTB 6/05]

Notes:

1) Concentrations that attain/exceed a preventive action limit (PAL) are *italics and underlined*.
2) Concentrations that attain/exceed an enforcement standard (ES) are **underlined and bold**.
3) Site was transitioned to low flow sampling beginning with 11/24/04 sampling event.

<2.0 : Parameter not detected above the Limit of Detection indicated.
-- : Analysis was not performed
nd : Analyte not detected
ns : NR 140 standard not established
dup(QA/QC-1): Field duplicate sample (field identity shown in parentheses).

Laboratory Notes

* : Laboratory note - Parameter detected above the limit of detection (LOD) but below the limit of Quantitation (LOQ).
A : Laboratory note-Laboratory Control Spike recovery not within control limits.
B : Laboratory note-Analyte present in method blank.
D : Laboratory note- Analyte value from diluted analysis.
E : Laboratory note - Analyte concentration exceeds calibration range
& : Laboratory note-Precision not within control limits.
M : Field duplicate identity was erroneously identified (field duplicate or field blank)
K : Laboratory note - Detection limit may be elevated due to the presence of an unrequested analyte.

NATURAL RESOURCE TECHNOLOGY

Table 4. Groundwater Analytical Results - Field & Laboratory RNA Analytical
Wisconsin Public Service Corporation - Campmarina Former Manufactured Gas Plant Site
Sheboygan, WI

		Laboratory Analytical						Pre Purge Field Measurements				
Well	Date	Alkalinity (mg/L)	Nitrite+Nitrate (mg/L)	Sulfate (mg/L)	Total Iron (µg/L)	Methane (µg/L)	Dissolved Iron (µg/L)	Conductivity (mmhos/cm)	pH (s.u.)	Temperature (C)	Dissolved Oxygen (mg/L)	Redox Potential (Eh/ORP) (mV)
Wisconsin Groundwater Quality Standards (NR140)												
Preventive Action Limit		ns	*2*	*125*	ns	ns	*150*	ns	ns	ns	ns	ns
Enforcement Standard		ns	**10**	**250**	ns	ns	**300**	ns	ns	ns	ns	ns
MW-701R	6/25/2002	1,200	<0.23	3.8 B	52,000	--	**20,000**			Coal Tar		
	11/7/2002	--	--	--	--	--	--	1.267	7.18	13.39	1.08	541
	1/24/2003	--	--	--	--	--	--			Coal Tar		
	7/1/2003	--	<0.047	2.3	--	11,000	**18,000**	1.243	9.32	12.84	4.29	214
	9/30/2003	--	--	--	--	--	--	--	--	--	--	--
	11/10/2003**	--	<0.047	<1.1	--	5,800	**40,000**	1.001	9.12	12.38	0.25	-12
	2/17/2003	--	--	--	--	--	--			Coal Tar		
	5/20/2004	--	<0.063	1.0*	--	6,700	--	0.173	9.74	9.9	7.36	13
	8/24/2004	--	--	--	--	--	--	2.244	6.46	15.66	0.74	179
	11/24/2004	--	<0.063	2.4	--	8,100	--	2.418	6.84	11.86	2.12	126
	2/25/2005	--	--	--	--	--	--			Coal Tar		
	5/19/2005**	--	<0.061	1.7	--	8,100	--			Coal Tar		
	8/9/2005	--	--	--	--	--	--			Coal Tar		
PZ-701	6/25/2002	150	0.12	**320**	7,300	--	**440**	0.871	8.25	12.52	5.92	392
	11/7/2002	--	<0.075	*200*	--	250	**300**	0.562	7.74	14.02	1.92	511
	1/24/2003								quality probe wouldn't fit in well			
	4/15/2003	--	--	--	--	--	--	0.159	8.84	9.79	7.49	264
	7/1/2003	--	0.057 *	98	--	490	*170*		quality probe wouldn't fit in well			
	9/30/2003	--	--	--	--	--	--	0.595	7.56	10.5		--
	11/10/2003**	--	0.048*	58	--	250	92		quality probe wouldn't fit in well			
	2/17/2003	--	--	--	--	--	--		quality probe wouldn't fit in well			
	5/20/2004	--	0.14	51	--	57	--	0.00	9.91	18.06	1.01	13
	8/24/2004	--	--	--	--	--	--	0.712	6.76	16.6	3.73	268
	11/24/2004	--	<0.063	100	--	610	--	0.698	7.75	10.92	0.58	98
	2/25/2005	--	--	--	--	--	--	0.600	8.54	7.14	2.89	159
	5/19/2005**	--	0.19*	67	--	<10	--	0.600	7.14	9.01	2.98	134
	8/9/2005	--	--	--	--	--	--	0.560	8.62	18.45	3.40	40

Table 4. Groundwater Analytical Results - Field & Laboratory RNA Analytical
Wisconsin Public Service Corporation - Campmarina Former Manufactured Gas Plant Site
Sheboygan, WI

		Laboratory Analytical						Pre Purge Field Measurements				
Well	Date	Alkalinity (mg/L)	Nitrite+Nitrate (mg/L)	Sulfate (mg/L)	Total Iron (µg/L)	Methane (µg/L)	Dissolved Iron (µg/L)	Conductivity (mmhos/cm)	pH (s.u.)	Temperature (C)	Dissolved Oxygen (mg/L)	Redox Potential (Eh/ORP) (mV)
Wisconsin Groundwater Quality Standards (NR140)												
Preventive Action Limit		ns	*2*	*125*	ns	ns	*150*	ns	ns	ns	ns	ns
Enforcement Standard		ns	**10**	**250**	ns	ns	**300**	ns	ns	ns	ns	ns
MW-705	6/25/2002	460	<0.023	*190*	1,200	--	**410**	1.232	8.7	10.85	4.75	403
dup(QA/QC-1)	6/25/2002	300	<0.023	91	3,200	--	*240*	1.232	8.7	10.85	4.75	403
	11/7/2002	--	<0.075	<1.1	--	--	<61	1.407	7.76	11.02	6.42	539
	4/15/2003	--	--	--	--	--	--	1.404	8.41	7.45	6.28	262
	7/1/2003	--	<0.047	**380**	--	93	**670**	1.500	9.25	12.40	4.26	262
	9/30/2003	--	--	--	--	--	--	2.630	6.98	13.9	--	--
	11/10/2003**	--	0.21	**380**	--	74	**310**	1.084	9.84	12.21	0.27	36
	2/17/2003	--	--	--	--	--	--	3.300	6.68	6.52	7.61	200.7
	5/20/2004	--	<0.063	**350**	--	32	--	0.058	9.71	11.35	1.53	10
	8/24/2004	--	--	--	--	--	--	2.916	6.83	15.09	1.2	192
	11/24/2004	--	<0.063	**400**	--	99	--	2.889	7.46	12.4	2.58	136
	2/25/2005	--	--	--	--	--	--	2.310	7.86	5.94	0.29	150
	5/19/2005**	--	<0.061	**450**	--	190	--	2.750	7.06	9.48	1.26	193
	8/9/2005	--	--	--	--	--	--	2.710	8.12	14.06	1.45	95
MW-706	6/25/2002	140	**23**	**1,200**	3,800	--	**620**			Coal Tar		
	11/7/2002	--	--	--	--	--	--	0.011	7.69	9.44	1.88	541
	1/24/2003	--	--	--	--	--	--			Coal Tar		
	7/1/2003	--	0.67	**880**	--	25	140	1.358	9.35	10.71	2.51	270
	11/10/2003**	--	*7.6*	**500**	--	<10	*280*	0.749	9.51	12.8	0.08	14
	2/17/2003	--	--	--	--	--	--			Coal Tar		
	5/20/2004	--	0.85	**880**	--	<10	--	0.385	9.98	10.15	8.9	-4
	8/24/2004	--	--	--	--	--	--	2.413	6.59	13.93	0.72	235
	11/24/2004	--	0.15	**740**	--	29	--			Coal Tar		
	2/25/2005	--	--	--	--	--	--			Coal Tar		
	5/19/2005**	--	0.48	**830**	--	25	--			Coal Tar		
	8/9/2005	--	--	--	--	--	--			Coal Tar		

Table 4. Groundwater Analytical Results - Field & Laboratory RNA Analytical
Wisconsin Public Service Corporation - Campmarina Former Manufactured Gas Plant Site
Sheboygan, WI

		Laboratory Analytical						Pre Purge Field Measurements				
Well	Date	Alkalinity (mg/L)	Nitrite+Nitrate (mg/L)	Sulfate (mg/L)	Total Iron (µg/L)	Methane (µg/L)	Dissolved Iron (µg/L)	Conductivity (mmhos/cm)	pH (s.u.)	Temperature (C)	Dissolved Oxygen (mg/L)	Redox Potential (Eh/ORP) (mV)
Wisconsin Groundwater Quality Standards (NR140)												
Preventive Action Limit		ns	*2*	*125*	ns	ns	*150*	ns	ns	ns	ns	ns
Enforcement Standard		ns	**10**	**250**	ns	ns	**300**	ns	ns	ns	ns	ns
PZ-702	6/25/2002	50	<0.023	3.7 *, B	15,000	--	25	0.154	8.5	11.32	3.42	362
	11/7/2002	--	--	--	--	22	--	0.220	8.04	13.76	1.51	515
	1/24/2003	--	--	--	--	--	--	0.200	8.02	10.02	2.33	247
	4/15/2003	--	--	--	--	--	--	0.216	9.01	7.63	2.48	260
	7/1/2003	--	0.053 *	3.6	--	39	48 *	0.103	9.71	10.76	4.52	277
	9/30/2003	--	--	--	--	--	--	0.217	8.22	10.6	--	--
	11/10/2003**	--	<0.047	<1.1	--	<10	<18	0.095	10.36	10.28	2.0	13
dup (field)	11/10/2003	--	<0.047	<1.1	--	14	<18	--	--	--	--	--
	2/17/2003	--	--	--	--	--	--	0.265	7.54	8.83	7.76	179.5
	5/20/2004	--	0.2*	3.2	--	16	--	0.101	10.0	9.53	1.06	4
	8/24/2004	--	--	--	--	--	--	0.317	7.43	14.4	4.41	319
	11/24/2004	--	0.14 *	3.8	--	<10	--	3.000	8.35	12.39	1.96	180
	2/25/2005	--	--	--	--	--	--	0.320	8.68	7.46	2.64	132
	5/19/2005**	--	0.16 *	4.9	--	<10	--	0.290	7.19	9.24	3.55	167
	8/9/2005	--	--	--	--	--	--	0.290	8.90	14.52	3.16	62
MW-707R	6/25/2002	460	<0.023	40	25,000	--	**730**	Coal Tar				
	11/7/2002	--	--	--	--	--	--	1.099	7.39	12.86	1.39	523
	1/24/2003	--	--	--	--	--	--	Coal Tar				
	7/1/2003	--	0.049 *	30	--	5,800	**510**	0.870	9.58	13.81	1.93	198
	11/10/2003**	--	<0.047	20	--	1,800	**1.1**	0.785	9.76	13.01	3.36	-85
	2/17/2003	--	--	--	--	--	--	Coal Tar				
	5/20/2004	--	<0.063	41	--	3,400	--	0.349	10.19	10.15	5.23	-73
	8/24/2004	--	--	--	--	--	--	1.65	6.81	17.15	1.08	214
	11/24/2004	--	<0.063	3.7	--	7,200	--	1.69	8.25	11.15	1.37	149
	2/25/2005	--	--	--	--	--	--	1.47	8.08	5.34	0.51	105
	5/19/2005**	--	0.062	14	--	3,800	--	Coal Tar				
	8/9/2005	--	--	--	--	--	--	1.59	8.41	14.84	0.45	205

Table 4. Groundwater Analytical Results - Field & Laboratory RNA Analytical
Wisconsin Public Service Corporation - Campmarina Former Manufactured Gas Plant Site
Sheboygan, WI

		Laboratory Analytical						Pre Purge Field Measurements				
Well	Date	Alkalinity (mg/L)	Nitrite+Nitrate (mg/L)	Sulfate (mg/L)	Total Iron (µg/L)	Methane (µg/L)	Dissolved Iron (µg/L)	Conductivity (mmhos/cm)	pH (s.u.)	Temperature (C)	Dissolved Oxygen (mg/L)	Redox Potential (Eh/ORP) (mV)
Wisconsin Groundwater Quality Standards (NR140)												
Preventive Action Limit		ns	*2*	*125*	ns	ns	*150*	ns	ns	ns	ns	ns
Enforcement Standard		ns	**10**	**250**	ns	ns	**300**	ns	ns	ns	ns	ns
PZ-703	6/25/2002	73	<0.023	4.7 B	27,000	--	**370**	0.283	8.95	11.7	0.64	377
	11/7/2002	--	<0.075	4.2	--	71	<61	0.028	8.33	13.01	1.49	492
	1/24/2003	--	--	--	--	--	--	quality probe wouldn't fit in well due to ice				
	4/15/2003	--	--	--	--	--	--	0.687	9.08	7.28	2.25	249
	7/1/2003	--	<0.047	4.3	--	230	100	0.204	9.99	9.91	2.51	130
	9/30/2003	--	--	--	--	--	--	0.320	8.61	10.6	--	--
	11/10/2003**	--	<0.047	4.7	--	53	<18	0.162	10.68	9.94	4.82	-80
	2/17/2003	--	--	--	--	--	--	0.429	10.42	6.69	6.55	178
	5/20/2004	--	<0.063	77	--	120	--	0.105	9.95	10.36	8.07	6
	8/24/2004	--	--	--	--	--	--	0.574	7.7	17.72	1.72	450
	11/24/2004	--	<0.063	32	--	130	--	0.400	9.03	11.7	1.35	317
	2/25/2005	--	--	--	--	--	--	6.400	8.37	5.59	0.72	188
	5/19/2005**	--	<0.061	57	--	180	--	0.830	7.42	8.6	0.98	191
	8/9/2005	--	--	--	--	--	--	5.440	8.48	13.31	0.43	207
MW-708	6/25/2002	520	0.18	63	35,000	--	**2,500**	2.301	7.35	13.49	4.56	406
	11/7/2002	--	0.13 *	66	--	<10	<61	2.407	7.82	14.37	2.72	516
dup(QA/QC-1)	11/7/2002	--	0.18 *	67	--	<10	<61	--	--	--	--	--
	1/24/2003	--	--	--	--	--	--	4.941	7.83	10.49	1.93	248
	4/15/2003	--	--	--	--	--	--	2.875	8.67	9.19	2.52	258
	7/1/2003	--	0.14 *	70	--	<10	51 *	2.771	9.43	12.36	2.32	250
	9/30/2003	--	--	--	--	--	--	5.130	7.09	13.6	--	--
	11/10/2003**	--	0.12*	71	--	<10	<18	2.103	9.34	13.63	0.13	20
	2/17/2003	--	--	--	--	--	--	5.014	6.88	10.55	4.71	200.6
	5/20/2004	--	0.18	68	--	<10	--	1.041	9.91	9.67	6.1	-14
	8/24/2004	--	--	--	--	--	--	4.948	6.9	14.38	1.63	345
	11/24/2004	--	0.17 *	79	--	<10	--	4.923	7.53	13.66	0.8	174
	2/25/2005	--	--	--	--	--	--	4.880	8.07	7.46	1.21	158
	5/19/2005**	--	0.15	67	--	<10	--	5.180	7.12	9.51	0.91	162
	8/9/2005	--	--	--	--	--	--	4.930	8.21	12.74	1.23	13

Table 4. Groundwater Analytical Results - Field & Laboratory RNA Analytical
Wisconsin Public Service Corporation - Campmarina Former Manufactured Gas Plant Site
Sheboygan, WI

		Laboratory Analytical						Pre Purge Field Measurements				
Well	Date	Alkalinity (mg/L)	Nitrite+Nitrate (mg/L)	Sulfate (mg/L)	Total Iron (µg/L)	Methane (µg/L)	Dissolved Iron (µg/L)	Conductivity (mmhos/cm)	pH (s.u.)	Temperature (C)	Dissolved Oxygen (mg/L)	Redox Potential (Eh/ORP) (mV)
Wisconsin Groundwater Quality Standards (NR140)												
Preventive Action Limit		ns	*2*	*125*	ns	ns	*150*	ns	ns	ns	ns	ns
Enforcement Standard		ns	**10**	**250**	ns	ns	**300**	ns	ns	ns	ns	ns
MW-709R	6/25/2002	900	*2.7*	**440**	4,000	--	**490**	1.32	7.97	14.74	4.44	415
	11/7/2002	--	--	--	--	--	--	1.534	7.57	13.99	1.82	549
	4/15/2003	--	--	--	--	--	--	1.480	8.65	6.92	10.14	246
	7/1/2003	--	0.093 *	**500**	--	<10	**820**	0.462	9.72	16.03	4.34	253
dup(M)	7/1/2003	--	0.13 *	**510**	--	17	**830**	--	--	--	--	--
	9/30/2003	--	--	--	--	--	--	3.350	6.92	16.2	--	--
	11/10/2003**	--	0.94	*210*	--	<10	**90**	1.066	9.54	12.22	1.06	42
	2/17/2003	--	--	--	--	--	--	2.680	6.86	5.02	9.38	200.6
	5/20/2004	--	0.79	*130*	--	<10	--	0.221	9.7	11.63	1.23	-13
up(Field Duplicate	5/20/2004	--	0.8	*130*	--	<10	--	--	--	--	--	--
	8/24/2004	--	--	--	--	--	--	1.524	7.04	17.22	1.86	195
	11/24/2004	--	0.082 *	*240*	--	420	--	3.450	8.16	11.81	6.3	182
dup(QC-1)	11/24/2004	--	0.085	*240*	--	430	--	--	--	--	--	--
	2/25/2005	--	--	--	--	--	--	0.930	8.52	4.09	1.06	262
	5/19/2005**	--	0.094 *	**260**	--	190	--	2.940	7.3	8.79	0.5	169
dup(QC-1)	5/19/2005**	--	<0.061	**290**	--	240	--	--	--	--	--	--
	8/9/2005	--	--	--	--	--	--	3.250	7.76	16.98	1.17	140
Biosparge Well												
BW-6	11/7/2002	--	0.13	35	--	<10	<61	0.004	8.36	10.72	3.4	391
	5/20/2004	--	<0.063	30	--	<10	--	--	--	--	--	--
	8/24/2004	--	--	--	--	--	--	--	--	--	--	--
	11/24/2004	--	<0.063	41	--	<10	--	--	--	--	--	--
	2/25/2005	--	--	--	--	--	--	--	--	--	--	--
	5/19/2005	--	0.23	39	--	<10	--	--	--	--	--	--
	8/9/2005	--	--	--	--	--	--	0.860	8.59	14.68	2.52	103

Table 4. Groundwater Analytical Results - Field & Laboratory RNA Analytical
Wisconsin Public Service Corporation - Campmarina Former Manufactured Gas Plant Site
Sheboygan, WI

		Laboratory Analytical						Pre Purge Field Measurements				
Well	Date	Alkalinity (mg/L)	Nitrite+Nitrate (mg/L)	Sulfate (mg/L)	Total Iron (µg/L)	Methane (µg/L)	Dissolved Iron (µg/L)	Conductivity (mmhos/cm)	pH (s.u.)	Temperature (C)	Dissolved Oxygen (mg/L)	Redox Potential (Eh/ORP) (mV)
Wisconsin Groundwater Quality Standards (NR140)												
Preventive Action Limit		ns	*2*	*125*	ns	ns	*150*	ns	ns	ns	ns	ns
Enforcement Standard		ns	**10**	**250**	ns	ns	**300**	ns	ns	ns	ns	ns
BW-15	5/20/2004	--	1.1	**1,500**	--	<10	--	--	--	--	--	--
	11/24/2004	--	<0.063	**560**	--	190	--	--	--	--	--	--
	5/19/2005	--	<0.061	72	--	4,900	--	--	--	--	--	--
	8/9/2005	--	--	--	--	--	--	--	--	--	--	--

(O-JTB/GRL7/30/02)(U-PAR/JTB 11/03)(U-PAR/? 3/04)(U-HMS/LJH 6/4/04)(U-HMS/MJR 9/17/04) (U-HMS/JTB 12/13/04) (U-HMS/PAR 3/05) IU-HMS/RTB 6/05)(U-HMS/PAR 9/05)

Notes:

1) Concentrations that attain/exceed a preventive action limit (PAL) are *italicized and underlined*.
2) Concentrations that attain/exceed an enforcement standard (ES) are **underlined and bold**.
3) The field monitor for dissolved oxygen and ORP were not functioning on 09/30/2003.
4) Site was transitioned to low flow sampling beginning with 11/24/04 sampling event.

C° : Degrees celcius
mg/L : milligrams per liter
µg/L : micrograms per liter
mV : millivolts
-- : Analysis was not performed
dup(QA/QC-1) : Field duplicate sample (field identity shown in parentheses)
Coal Tar : Free phased product present in well.
**: Field Measurements are post purge measurements.
ns : NR 140 standard not established
M : Field duplicate identity was erroneously identified (field duplicate or field blank)

Laboratory Notes:

B : Laboratory note-Analyte present in method blank.
* : Laboratory note - Parameter detected above the limit of detection (LOD) but below the limit of Quantitation (LOQ).

Table 5. Groundwater and Biosparge System Monitoring Schedule
Wisconsin Public Service Corporation - Campmarina Former Manufactured Gas Plant Site
Sheboygan, WI

	Year 2				Year 3				Year 4			
	Nov-03	Feb-04	May-04	Aug-04	Nov-04	Feb-05	May-05	Aug-05	Dec-05	Mar-06	Jun-06	Sep-06
Biosparge System Monitoring												
Vent Monitoring												
BTEX (8260)		X										
BTEX (8021)				X		X		X		X		X
PID		X	X			X	X	X	X	X	X	X
Sump Monitoring												
Hydrogen Sulfide (4 gas meter)		X								X		
Water Level	X	X	X		X	X	X	X	X	X	X	X
Groundwater Monitoring												
Monitoring Wells												
BW-6			X		X		X		G		G	
BW-15			X		X		X		G		G	
MW-701R	X		X		X		X		CG	F	CG	F
PZ-701	X		X		X		X		CG	F	CG	F
MW-706	X		X		X		X		CG	F	CG	F
PZ-702	X		X		X		X		CG	F	CG	F
MW-707R	X		X		X		X		CG	F	CG	F
PZ-703	X		X	X	X		X		CG	F	CG	F
MW-705	X		X		X		X		W	W	W	W
MW-708	X		X		X		X		C	F	CG	F
MW-709R	X		X		X		X		C	F	CG	F
SG-703 (staff gauge)									W	W	W	W
Field Parameters												
Water Quality Probe	X	X	X	X	X	X	X	X	X	X	X	X
Water Levels	X	X	X	X	X	X	X	X	X	X	X	X
Geochemical Parameters												
Dissolved, Fe	X											
Nitrogen, Nitrate, Nitrite	X		X		X		X		X		X	
Methane	X		X		X		X		X		X	
Sulfate	X		X		X		X		X		X	
Contaminant Parameters												
BTEX (USEPA 8260)			X	X								
BTEX (USEPA 8021)	X				X		X		X		X	
PAHs (USEPA 8270)	X		X	X	X		X		X		X	
Cyanide (USEPA 335.4)	X		X									
Weak Acid Dissociable Cyanide (SM 4500)				X	X		X					

Notes:

1. **X** - Indicates site visit, activity or sample collected during that visit.
2. X - Indicates planned site visit, scheduled actvitiy or sample collected during that visit.
3. F - Field parameters only includes water level and water quality probe.
4. W - Water level only.
5. G - Geochemical parameters
6. C - Contaminant parameters
7. Water quality probe parameters will only be collected from monitoring wells that do not contain coal tar as observed during that monitoring event.
8. Water quality probe parameters include dissolved oxygen, pH, temperature, specific conductance and oxidation / reduction potential.

APPENDIX A

FORM 4400-194 WITH EXPLANATIONS

State of Wisconsin
Department of
Natural Resources

OPERATION, MAINTENANCE, MONITORING AND OPTIMIZATION REPORTING OF SOIL AND GROUNDWATER REMEDIATION SYSTEMS

PURPOSE AND APPLICABILITY OF THIS FORM: Completion of this form is required under s. NR 724.13(e), Wis. Adm. Code. Use of this form is mandatory. Failure to submit this form as require is a violation of s. NR 724.13, Wis. Adm. Code, and is subject to the penalties in s. 144.99, Wis. Stats. This form must be submitted every six months for active soil and groundwater remediation projects and every twelve months for passive (natural attenuation) remediation projects that are regulated under the NR 700 series of Wis. Adm. Code. Specifically, for sites meeting any of the following criteria:

- Soil or groundwater remediation projects that report progress in accordance with s. NR 700.11(1), Wis. Adm. Code.
- Soil or groundwater remediation projects that report progress in accordance with s. NR 724.13(3), Wis. Adm. Code. (Note: s. NR 724.13(3) requires progress reports for operation and maintenance of active systems to be submitted every three months however the Department considers submittal of this form every six months to satisfy the requirements of the rules, unless otherwise directed by the Department on a site specific basis.)
- Soil or groundwater remediation projects that report progress in accordance with s. NR 724.17(3), Wis. Adm. Code. (Note: s. NR 724.17(3) requires progress reports every time that samples are collected however the Department considers submittal of this form every twelve months to satisfy the requirements of the rules for monitoring natural attenuation, unless otherwise directed by the Department on a site specific basis.)

Submittal of this form is not a substitute for reporting required by Department programs such as Wastewater or Air Management. Personally identifiable information on this form is not intended to be used for any other purpose than tracking progress of the remediation by the Bureau for Remediation and Redevelopment.

Please refer to the instructions that are attached to the back of these forms starting on page INS-1. In all cases, when asked to "explain," those explanations are to be included on separate sheets of paper. Explanations must include a title that refers to the page and item number, for example: Page GI-2, C.1.a.

A. GENERAL INFORMATION:

1. Site name: Former Campmarina Manufactured Gas Plant Site
2. Reporting period from: 11/01/04 To: 10/31/05 Days in period: 365
3. Regulatory agency (enter DNR, DCOM, DATCP and/or other): Wisconsin Department of Natural Resources
4. DNR issued site number: BRRTS ID #02-60-000095
5. State reimbursement fund claim number and fund name (if not applicable, enter NA): N/A
6. Site location:
   a. DNR region and county: Southeast Region, Sheboygan County
   b. Street address and municipality: 732 N. Water Street, Sheboygan, WI
   c. Township, range, section and quarter quarter section: NW 1/4, SW 1/4, Section 23, T15N, R23E
7. Responsible party:
   a. Name: Wisconsin Public Service Corporation
   b. Mailing address: 700N. Adams Street P.O. Box 19002
      Green Bay, Wisconsin 54307-9002 Attn: Mr. Brian Bartoszek
   c. Phone number: (920) 433-2643
8. Consultant:
   a. Company name: Natural Resource Technology, Inc.
   b. Mailing address: 23713 W. Paul Road, Unit D
      Pewaukee, Wisconsin 53072
   c. Phone number: (262) 523-9000
9. Contaminants: BTEX, PAH's
10. Soil types (USCS or USDA): Heterogeneous fill-SM/SC-CL/ML
11. Hydraulic conductivity (cm/sec): 1.27 x 10^-5 to 1.27 x 10^-4 12. Average linear velocity of groundwater (ft/yr): 63

GENERAL SITE INFORMATION, CONTINUED

SITE NAME AND REPORTING PERIOD:

Site name: Former Campmarina Manufactured Gas Plant Site

Reporting period from: 11/01/04 To: 10/31/05 Days in period: 365

A. GENERAL INFORMATION (CONTINUED):

13. If soil is treated ex situ, is the treatment location off site? (Y/N) If yes, give location:

    a. DNR region and county: Southeast Region, Sheboygan County

    b. Township, range, section and quarter quarter section: NW 1/4, SW 1/4, Section 23, T15N, R23E

B. REMEDIATION METHOD: Only submit pages that apply to an individual site. Check all that apply:

- ____ Groundwater extraction (submit a completed page GW-1).
- ____ Free product recovery (submit a completed page GW-1).
- ____ In situ air sparging (submit a completed page GW-2).
- ____ Groundwater natural attenuation (submit a completed page GW-3).
- ✓ Other groundwater remediation method (submit a completed page GW-4).
- ____ Soil venting (including soil vapor extraction and bioventing, submit a completed page IS-1).
- ____ Soil natural attenuation (submit a completed page IS-2).
- ____ Other in situ soil remediation method (submit a completed page IS-3).
- ____ Biopiles (submit a completed page ES-1).
- ____ Landspreading/thinspreading of petroleum contaminated soil (submit a completed page ES-2).
- ____ Other ex situ soil remediation method (submit a completed page ES-3).

C. GENERAL EFFECTIVENESS EVALUATION FOR ALL ACTIVE SYSTEMS: If the remediation is active (not natural attenuation), complete this subsection.

1. Is the system operating at design rates and specifications? (Y/N): Y
   If the answer is no, explain whether or not modifications are necessary to achieve the goal that was previously established in design.
2. Are modifications to the system warranted to improve effectiveness? (Y/N) If yes, explain: N
3. Is natural attenuation an effective low cost option at this time? (Y/N): N
4. Is closure sampling warranted at this time? (Y/N): N
5. Are there any modifications that can be made to the remediation to improve cost effectiveness? (Y/N) If yes, explain: N

D. ECONOMIC AND COST DATA TO DATE:

1. Total investigation costs ($): $600,000
2. Implementation costs (design, capital and installation costs, excluding investigation costs) ($): $2,600,000.00
3. Total costs during the previous reporting period ($): $32,000.00
4. Total costs during this reporting period ($): $32,000.00
5. Total anticipated costs for the next reporting period ($): $30,000.00
6. Are any unusual or one-time costs listed in the reporting periods covered by D.3., D.4. or D.5. above? (Y/N) If yes explain: N
7. If close out is anticipated within 12 months, estimated costs for project closeout ($): ____

GENERAL SITE INFORMATION, CONTINUED

SITE NAME AND REPORTING PERIOD:

Site name: Former Campmarina Manufactured Gas Plant Site

Reporting period from: 11/01/04 To: 10/31/05 Days in period: 365

E. NAME(S), SIGNATURE(S) AND DATE OF PERSON(S) SUBMITTING FORM: Legibly print name, date and sign. Only persons qualified to submit reports under ch. NR 712 Wis. Adm. Code are to sign this form.

Registered Professional Engineers:

I (print name) Heather M. Simon, hereby certify that I am a registered professional engineer in the State of Wisconsin, registered in accordance with the requirements of ch. A-E 4, Wis. Adm. Code; that this document has been prepared in accordance with the rules of Professional Conduct in ch. A-E 8, Wis. Adm. Code; and that, to the best of my knowledge, all information contained in this document is correct and the document was prepared in compliance with all applicable requirements in chs. NR 700 to 726, Wis. Adm. Code.

Signature, title, P.E. number and date: Heather M Simon 37702 11/28/05

Hydrogeologists:

I (print name) _____, hereby certify that I am a hydrogeologist as that term is defined in s. NR 712.03(1), Wis. Adm. Code, and that, to the best of my knowledge, all information contained in this document is correct and the document was prepared in compliance with all applicable requirements in chs. NR 700 to 726, Wis. Adm. Code.

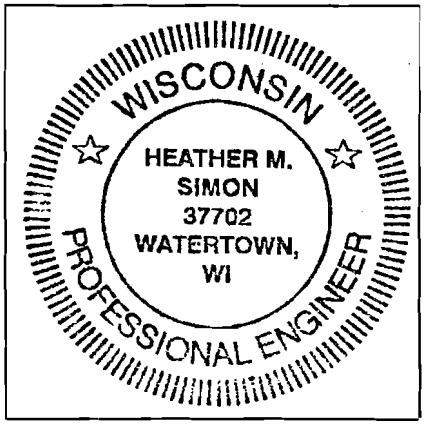
Signature, title and date: _____

Scientists:

I (print name) _____, hereby certify that I am a scientist as that term is defined in s. NR 712.03(3), Wis. Adm. Code, and that, to the best of my knowledge, all information contained in this document is correct and the document was prepared in compliance with all applicable requirements in chs. NR 700 to 726, Wis. Adm. Code.

Signature, title and date: _____

Professional Seal(s), if applicable:



OTHER GROUNDWATER REMEDIATION METHODS

SITE NAME AND REPORTING PERIOD:

Site name: Former Campmarina Manufactured Gas Plant Site

Reporting period from: 11/01/04 To: 10/31/05 Days in period: 365

Date that the system was first started up: 11/7/02

A. EFFECTIVENESS EVALUATION:

1. If free product is not present, determine the single contaminant that requires the greatest percent reduction to achieve ch. NR 140 ES and PAL. Perform this calculation for all contaminants that were present at the site that have ch. NR 140 standards. Use the highest contaminant concentration measured in any sampling points during reporting period. If free product is present, write "FREE PRODUCT" in A.1.a.

   a. Contaminant: Free Product, contained by engineered barrier system

   b. Percent reduction necessary: N/A

   c. Maximum contaminant concentration level in any monitoring well (µg/L): Benzene 3,400 µg/L

2. Is the size of the plume increasing, stabilized, or decreasing: Plume only within containment barrier

3. Describe the method used to remediate groundwater at the site. See Attached

4. List any additional information required by the DNR for this method for this site:
   See Attached

B. ADDITIONAL ATTACHMENTS: Attach the following to this form:

- Groundwater contour map.
- Groundwater contaminant distribution map (may be combined with contour map).
- When contaminants are aerobically biodegradable, attach a dissolved oxygen in groundwater map (dissolved oxygen may be combined with the contaminant data on a single map).
- Graph of contaminant concentrations versus time for the contaminant listed in A.1.a. (above) for the monitoring point with the greatest level of contamination.
- Groundwater contaminant chemistry table.
- Groundwater elevations table.
- Any other attachments required by the DNR for this remediation method.

ADDITIONAL INFORMATION FOR PERIOD OF 11/1/04 THROUGH 10/31/05: OPERATION, MAINTENANCE, MONITORING AND OPTIMIZATION REPORTING OF SOIL AND GROUNDWATER REMEDIATION SYSTEMS (WDNR Form 4400-194)

Page GW-4, A.3.

Groundwater at the site is contained by an engineered containment system that consists of Waterloo® sheet pile barrier surrounding the perimeter of the site and a geosynthetic cap to limit infiltration to groundwater. Aerobic degradation of groundwater contaminants within the engineered containment system is stimulated by a low flow biosparge system that is designed to provide an increased source of oxygen to the groundwater via low flow injection of ambient air.

Page GW-4, A.4.

The engineered containment system has drains along the entire interior perimeter of the containment system to provide relief for groundwater fluctuation and pressure during biosparge operations. The interior perimeter drain is connected to a sump in the building that houses the biosparge system. During operation and maintenance of the biosparge system, the sump is inspected for collected water and vapors in the form of volatile organic compounds (VOCs).

Assessment of Collected Water in the Sump:

During this reporting period, the building sump water level has remain stable.

Assessment of Vapors in the Sump:

No vapor phase volatile organics were detected in the vent during system operation, based on photoionization readings of 0.0 ppm on February 25, May 19 and August 9, 2005.

Two air samples (Biosparge Vent) were collected from the sampling port on the sump's ventilation stack using an impinger on February 25, 2005 and August 9, 2005. The samples were analyzed for benzene, ethylbenzene, toluene and total xylenes (BTEX). The result of the air sample did not detect any compounds above the stated levels of detection (<0.38 µg/L).

APPENDIX B

GROUNDWATER ANALYTICAL REPORTS

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: 853914

Client: NATURAL RESOURCE TECHNOLOGY, INC. **Lab Contact:** Tom Trainor

Project Name: WPSC - CAMP MARINA

Project Number: 1313

Lab Sample Number	Field ID	Matrix	Collection Date
853914-001	BW-6	GW	11/24/04
853914-002	BW-15	GW	11/24/04
853914-003	MW-701R	GW	11/24/04
853914-004	PZ-701	GW	11/24/04
853914-005	MW-706	GW	11/24/04
853914-006	PZ-702	GW	11/24/04
853914-007	MW-707R	GW	11/24/04
853914-008	PZ-703	GW	11/24/04
853914-009	MW-708	GW	11/24/04
853914-010	MW-705	GW	11/24/04
853914-011	MW-709R	GW	11/24/04
853914-012	QC-1	GW	11/24/04

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. Reported results shall not be reproduced, except in full, without the written approval of the lab. The sample results relate only to the analytes of interest tested.

Tom Trainor

Approval Signature

12-10-04

Date

En Chem

A Division of Pace Analytical Services, Inc.

Analytical Report Number: 853914

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

Client : NATURAL RESOURCE TECHNOLOGY, INC.
Project Name : WPSC - CAMP MARINA
Project Number : 1313
Field ID : BW-6

Matrix Type : GROUNDWATER
Collection Date : 11/24/04
Report Date : 12/08/04
Lab Sample Number : 853914-001

INORGANICS

Test		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Cyanide, Weak & Dissociable -	<	0.0053	0.0053	0.018		1	mg/L		12/06/04	SM 4500-CN	SM 4500-CN
Nitrogen, NO3 + NO2	<	0.063	0.063	0.21		1	mg/L		12/07/04	EPA 353.2	EPA 353.2
Sulfate		41	0.36	1.2		1	mg/L		11/30/04	EPA 300.0	EPA 300.0

BTEX

Prep Date: 11/30/04

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Benzene	<	0.14	0.14	0.46		1	ug/L		11/30/04	SW846 5030B	SW846 M8021
Ethylbenzene	<	0.40	0.40	1.3		1	ug/L		11/30/04	SW846 5030B	SW846 M8021
Toluene	<	0.36	0.36	1.2		1	ug/L		11/30/04	SW846 5030B	SW846 M8021
Xylene, o	<	0.36	0.36	1.2		1	ug/L		11/30/04	SW846 5030B	SW846 M8021
Xylenes, m + p	<	0.74	0.74	2.5		1	ug/L		11/30/04	SW846 5030B	SW846 M8021
a,a,a-Trifluorotoluene		102				1	%Recov		11/30/04	SW846 5030B	SW846 M8021

METHANE

Prep Date: 12/07/04

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methane	<	10			10	1	ug/L		12/07/04	SW846 M8015	SW846 M8015

PAH/ PNA

Prep Date: 11/30/04

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1-Methylnaphthalene	<	0.20	0.20	0.66		10	ug/L	K	12/06/04	SW846 3510C	8270C-SIM
2-Methylnaphthalene	<	0.23	0.23	0.76		10	ug/L	K	12/06/04	SW846 3510C	8270C-SIM
Acenaphthene	<	0.19	0.19	0.65		10	ug/L	K	12/06/04	SW846 3510C	8270C-SIM
Acenaphthylene	<	0.19	0.19	0.64		10	ug/L	K	12/06/04	SW846 3510C	8270C-SIM
Anthracene	<	0.18	0.18	0.59		10	ug/L	K	12/06/04	SW846 3510C	8270C-SIM
Benzo(a)anthracene	<	0.20	0.20	0.65		10	ug/L	K	12/06/04	SW846 3510C	8270C-SIM
Benzo(a)pyrene	<	0.18	0.18	0.60		10	ug/L	K	12/06/04	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	<	0.18	0.18	0.60		10	ug/L	K	12/06/04	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	<	0.21	0.21	0.69		10	ug/L	K	12/06/04	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	<	0.19	0.19	0.64		10	ug/L	K	12/06/04	SW846 3510C	8270C-SIM
Chrysene	<	0.16	0.16	0.55		10	ug/L	K	12/06/04	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	<	0.22	0.22	0.73		10	ug/L	K	12/06/04	SW846 3510C	8270C-SIM
Fluoranthene	<	0.16	0.16	0.55		10	ug/L	K	12/06/04	SW846 3510C	8270C-SIM
Fluorene	<	0.22	0.22	0.73		10	ug/L	K	12/06/04	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	<	0.17	0.17	0.57		10	ug/L	K	12/06/04	SW846 3510C	8270C-SIM
Naphthalene	<	0.22	0.22	0.75		10	ug/L	K	12/06/04	SW846 3510C	8270C-SIM
Phenanthrene	<	0.20	0.20	0.68		10	ug/L	K	12/06/04	SW846 3510C	8270C-SIM
Pyrene	<	0.16	0.16	0.54		10	ug/L	K	12/06/04	SW846 3510C	8270C-SIM
Nitrobenzene-d5		74				10	%Recov	K	12/06/04	SW846 3510C	8270C-SIM
2-Fluorobiphenyl		40				10	%Recov	K	12/06/04	SW846 3510C	8270C-SIM
Terphenyl-d14		74				10	%Recov	K	12/06/04	SW846 3510C	8270C-SIM

En Chem

A Division of Pace Analytical Services, Inc.

Analytical Report Number: 853914

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

Client : NATURAL RESOURCE TECHNOLOGY, INC.
Project Name : WPSC - CAMP MARINA
Project Number : 1313
Field ID : BW-15

Matrix Type : GROUNDWATER
Collection Date : 11/24/04
Report Date : 12/08/04
Lab Sample Number : 853914-002

INORGANICS

Test		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Cyanide, Weak & Dissociable -		0.0097	0.0053	0.018		1	mg/L	Q	12/06/04	SM 4500-CN	SM 4500-CN
Nitrogen, NO3 + NO2	<	0.063	0.063	0.21		1	mg/L		12/07/04	EPA 353.2	EPA 353.2
Sulfate		560	9.1	30		25	mg/L		11/30/04	EPA 300.0	EPA 300.0

BTEX

Prep Date: 11/30/04

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Benzene	<	0.14	0.14	0.46		1	ug/L		11/30/04	SW846 5030B	SW846 M8021
Ethylbenzene	<	0.40	0.40	1.3		1	ug/L		11/30/04	SW846 5030B	SW846 M8021
Toluene	<	0.36	0.36	1.2		1	ug/L		11/30/04	SW846 5030B	SW846 M8021
Xylene, o	<	0.36	0.36	1.2		1	ug/L		11/30/04	SW846 5030B	SW846 M8021
Xylenes, m + p	<	0.74	0.74	2.5		1	ug/L		11/30/04	SW846 5030B	SW846 M8021
a,a,a-Trifluorotoluene		101				1	%Recov		11/30/04	SW846 5030B	SW846 M8021

METHANE

Prep Date: 12/07/04

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methane	190			10	1	ug/L		12/07/04	SW846 M8015	SW846 M8015

PAH/ PNA

Prep Date: 11/30/04

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1-Methylnaphthalene		28	2.0	6.6		100	ug/L	D	12/03/04	SW846 3510C	8270C-SIM
2-Methylnaphthalene		0.68	0.45	1.5		20	ug/L	Q	12/02/04	SW846 3510C	8270C-SIM
Acenaphthene		11	1.9	6.5		100	ug/L	D	12/03/04	SW846 3510C	8270C-SIM
Acenaphthylene	<	0.39	0.39	1.3		20	ug/L		12/02/04	SW846 3510C	8270C-SIM
Anthracene	<	0.35	0.35	1.2		20	ug/L		12/02/04	SW846 3510C	8270C-SIM
Benzo(a)anthracene	<	0.39	0.39	1.3		20	ug/L		12/02/04	SW846 3510C	8270C-SIM
Benzo(a)pyrene	<	0.36	0.36	1.2		20	ug/L		12/02/04	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	<	0.36	0.36	1.2		20	ug/L		12/02/04	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	<	0.41	0.41	1.4		20	ug/L		12/02/04	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	<	0.39	0.39	1.3		20	ug/L		12/02/04	SW846 3510C	8270C-SIM
Chrysene	<	0.33	0.33	1.1		20	ug/L		12/02/04	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	<	0.44	0.44	1.5		20	ug/L		12/02/04	SW846 3510C	8270C-SIM
Fluoranthene	<	0.33	0.33	1.1		20	ug/L		12/02/04	SW846 3510C	8270C-SIM
Fluorene		1.8	0.44	1.5		20	ug/L		12/02/04	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	<	0.34	0.34	1.1		20	ug/L		12/02/04	SW846 3510C	8270C-SIM
Naphthalene		1.9	0.45	1.5		20	ug/L		12/02/04	SW846 3510C	8270C-SIM
Phenanthrene		0.97	0.41	1.4		20	ug/L	Q	12/02/04	SW846 3510C	8270C-SIM
Pyrene	<	0.33	0.33	1.1		20	ug/L		12/02/04	SW846 3510C	8270C-SIM
Nitrobenzene-d5		0				20	%Recov	D	12/02/04	SW846 3510C	8270C-SIM
2-Fluorobiphenyl		0				20	%Recov	D	12/02/04	SW846 3510C	8270C-SIM
Terphenyl-d14		0				20	%Recov	D	12/02/04	SW846 3510C	8270C-SIM

En Chem

A Division of Pace Analytical Services, Inc.

Analytical Report Number: 853914

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

Client : NATURAL RESOURCE TECHNOLOGY, INC.
Project Name : WPSC - CAMP MARINA
Project Number : 1313
Field ID : MW-701R

Matrix Type : GROUNDWATER
Collection Date : 11/24/04
Report Date : 12/08/04
Lab Sample Number : 853914-003

INORGANICS

Test		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Cyanide, Weak & Dissociable -		0.0067	0.0053	0.018		1	mg/L	Q	12/06/04	SM 4500-CN	SM 4500-CN
Nitrogen, NO3 + NO2	<	0.063	0.063	0.21		1	mg/L		12/07/04	EPA 353.2	EPA 353.2
Sulfate		2.4	0.36	1.2		1	mg/L		11/30/04	EPA 300.0	EPA 300.0

BTEX

Prep Date: 11/30/04

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Benzene	2800	2.8	9.2		20	ug/L		11/30/04	SW846 5030B	SW846 M8021
Ethylbenzene	280	8.0	27		20	ug/L		11/30/04	SW846 5030B	SW846 M8021
Toluene	17	7.1	24		20	ug/L	Q	11/30/04	SW846 5030B	SW846 M8021
Xylene, o	130	7.2	24		20	ug/L		11/30/04	SW846 5030B	SW846 M8021
Xylenes, m + p	78	15	49		20	ug/L		11/30/04	SW846 5030B	SW846 M8021
a,a,a-Trifluorotoluene	99				1	%Recov		11/30/04	SW846 5030B	SW846 M8021

METHANE

Prep Date: 12/07/04

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methane	8100			500	50	ug/L		12/07/04	SW846 M8015	SW846 M8015

PAH/ PNA

Prep Date: 11/30/04

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1-Methylnaphthalene	260	100	330		5000	ug/L	QD	12/03/04	SW846 3510C	8270C-SIM
2-Methylnaphthalene	250	110	380		5000	ug/L	QD	12/03/04	SW846 3510C	8270C-SIM
Acenaphthene	180	97	320		5000	ug/L	QD	12/03/04	SW846 3510C	8270C-SIM
Acenaphthylene	11	3.9	13		200	ug/L	Q	12/02/04	SW846 3510C	8270C-SIM
Anthracene	50	3.5	12		200	ug/L		12/02/04	SW846 3510C	8270C-SIM
Benzo(a)anthracene	23	3.9	13		200	ug/L		12/02/04	SW846 3510C	8270C-SIM
Benzo(a)pyrene	17	3.6	12		200	ug/L		12/02/04	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	6.4	3.6	12		200	ug/L	Q	12/02/04	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	6.9	4.1	14		200	ug/L	Q	12/02/04	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	9.1	3.9	13		200	ug/L	Q	12/02/04	SW846 3510C	8270C-SIM
Chrysene	21	3.3	11		200	ug/L		12/02/04	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	< 4.4	4.4	15		200	ug/L		12/02/04	SW846 3510C	8270C-SIM
Fluoranthene	49	3.3	11		200	ug/L		12/02/04	SW846 3510C	8270C-SIM
Fluorene	51	4.4	15		200	ug/L		12/02/04	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	4.9	3.4	11		200	ug/L	Q	12/02/04	SW846 3510C	8270C-SIM
Naphthalene	1500	110	370		5000	ug/L	D	12/03/04	SW846 3510C	8270C-SIM
Phenanthrene	140	100	340		5000	ug/L	QD	12/03/04	SW846 3510C	8270C-SIM
Pyrene	64	3.3	11		200	ug/L		12/02/04	SW846 3510C	8270C-SIM
Nitrobenzene-d5	0				200	%Recov	D	12/02/04	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	0				200	%Recov	D	12/02/04	SW846 3510C	8270C-SIM
Terphenyl-d14	0				200	%Recov	D	12/02/04	SW846 3510C	8270C-SIM

En Chem

A Division of Pace Analytical Services, Inc.

Analytical Report Number: 853914

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

Client : NATURAL RESOURCE TECHNOLOGY, INC.
Project Name : WPSC - CAMP MARINA
Project Number : 1313
Field ID : PZ-701

Matrix Type : GROUNDWATER
Collection Date : 11/24/04
Report Date : 12/08/04
Lab Sample Number : 853914-004

INORGANICS

Test		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Cyanide, Weak & Dissociable -	<	0.0053	0.0053	0.018		1	mg/L		12/06/04	SM 4500-CN	SM 4500-CN
Nitrogen, NO3 + NO2	<	0.063	0.063	0.21		1	mg/L		12/07/04	EPA 353.2	EPA 353.2
Sulfate		100	1.8	6.0		5	mg/L		11/30/04	EPA 300.0	EPA 300.0

BTEX

Prep Date: 11/30/04

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Benzene		44	0.14	0.46		1	ug/L		11/30/04	SW846 5030B	SW846 M8021
Ethylbenzene		2.3	0.40	1.3		1	ug/L		11/30/04	SW846 5030B	SW846 M8021
Toluene	<	0.36	0.36	1.2		1	ug/L		11/30/04	SW846 5030B	SW846 M8021
Xylene, o		0.70	0.36	1.2		1	ug/L	Q	11/30/04	SW846 5030B	SW846 M8021
Xylenes, m + p		0.77	0.74	2.5		1	ug/L	Q	11/30/04	SW846 5030B	SW846 M8021
a,a,a-Trifluorotoluene		100				1	%Recov		11/30/04	SW846 5030B	SW846 M8021

METHANE

Prep Date: 12/07/04

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methane	610			50	5	ug/L		12/07/04	SW846 M8015	SW846 M8015

PAH/ PNA

Prep Date: 11/30/04

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1-Methylnaphthalene		0.81	0.20	0.67		10	ug/L	D	12/04/04	SW846 3510C	8270C-SIM
2-Methylnaphthalene		0.72	0.23	0.77		10	ug/L	QD	12/04/04	SW846 3510C	8270C-SIM
Acenaphthene		0.44	0.020	0.066		1	ug/L		12/02/04	SW846 3510C	8270C-SIM
Acenaphthylene		0.084	0.020	0.065		1	ug/L		12/02/04	SW846 3510C	8270C-SIM
Anthracene		0.077	0.018	0.060		1	ug/L		12/02/04	SW846 3510C	8270C-SIM
Benzo(a)anthracene	<	0.020	0.020	0.066		1	ug/L		12/02/04	SW846 3510C	8270C-SIM
Benzo(a)pyrene	<	0.018	0.018	0.061		1	ug/L		12/02/04	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	<	0.018	0.018	0.060		1	ug/L		12/02/04	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	<	0.021	0.021	0.070		1	ug/L		12/02/04	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	<	0.020	0.020	0.065		1	ug/L		12/02/04	SW846 3510C	8270C-SIM
Chrysene	<	0.017	0.017	0.055		1	ug/L		12/02/04	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	<	0.022	0.022	0.074		1	ug/L		12/02/04	SW846 3510C	8270C-SIM
Fluoranthene		0.029	0.017	0.056		1	ug/L	Q	12/02/04	SW846 3510C	8270C-SIM
Fluorene		0.13	0.022	0.074		1	ug/L		12/02/04	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	<	0.017	0.017	0.058		1	ug/L		12/02/04	SW846 3510C	8270C-SIM
Naphthalene		4.3	0.23	0.76		10	ug/L	D	12/04/04	SW846 3510C	8270C-SIM
Phenanthrene		0.23	0.021	0.069		1	ug/L		12/02/04	SW846 3510C	8270C-SIM
Pyrene		0.038	0.017	0.055		1	ug/L	Q	12/02/04	SW846 3510C	8270C-SIM
Nitrobenzene-d5		109				1	%Recov		12/02/04	SW846 3510C	8270C-SIM
2-Fluorobiphenyl		72				1	%Recov		12/02/04	SW846 3510C	8270C-SIM
Terphenyl-d14		77				1	%Recov		12/02/04	SW846 3510C	8270C-SIM

En Chem

A Division of Pace Analytical Services, Inc.

Analytical Report Number: 853914

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

Client : NATURAL RESOURCE TECHNOLOGY, INC.
Project Name : WPSC - CAMP MARINA
Project Number : 1313
Field ID : MW-706

Matrix Type : GROUNDWATER
Collection Date : 11/24/04
Report Date : 12/08/04
Lab Sample Number : 853914-005

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Cyanide, Weak & Dissociable -	0.0086	0.0053	0.018		1	mg/L	Q	12/06/04	SM 4500-CN	SM 4500-CN
Nitrogen, NO3 + NO2	0.15	0.063	0.21		1	mg/L	Q	12/07/04	EPA 353.2	EPA 353.2
Sulfate	740	7.2	24		20	mg/L		11/30/04	EPA 300.0	EPA 300.0

BTEX

Prep Date: 11/30/04

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Benzene	4000	6.9	23		50	ug/L		11/30/04	SW846 5030B	SW846 M8021
Ethylbenzene	230	20	67		50	ug/L		11/30/04	SW846 5030B	SW846 M8021
Toluene	1700	18	60		50	ug/L		11/30/04	SW846 5030B	SW846 M8021
Xylene, o	880	18	60		50	ug/L		11/30/04	SW846 5030B	SW846 M8021
Xylenes, m + p	500	37	120		50	ug/L		11/30/04	SW846 5030B	SW846 M8021
a,a,a-Trifluorotoluene	99				1	%Recov		11/30/04	SW846 5030B	SW846 M8021

METHANE

Prep Date: 12/07/04

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methane	29			10	1	ug/L		12/07/04	SW846 M8015	SW846 M8015

PAH/ PNA

Prep Date: 11/30/04

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1-Methylnaphthalene	640	200	660		10000	ug/L	QD	12/03/04	SW846 3510C	8270C-SIM
2-Methylnaphthalene	840	230	760		10000	ug/L	D	12/03/04	SW846 3510C	8270C-SIM
Acenaphthene	97	7.8	26		200	ug/L		12/02/04	SW846 3510C	8270C-SIM
Acenaphthylene	510	190	640		10000	ug/L	QD	12/03/04	SW846 3510C	8270C-SIM
Anthracene	240	180	590		10000	ug/L	QD	12/03/04	SW846 3510C	8270C-SIM
Benzo(a)anthracene	270	7.8	26		200	ug/L	E	12/02/04	SW846 3510C	8270C-SIM
Benzo(a)pyrene	180	7.2	24		200	ug/L		12/02/04	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	78	7.2	24		200	ug/L		12/02/04	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	60	8.3	28		200	ug/L		12/02/04	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	98	7.7	26		200	ug/L		12/02/04	SW846 3510C	8270C-SIM
Chrysene	190	6.6	22		200	ug/L	E	12/02/04	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	18	8.8	29		200	ug/L	Q	12/02/04	SW846 3510C	8270C-SIM
Fluoranthene	260	160	550		10000	ug/L	QD	12/03/04	SW846 3510C	8270C-SIM
Fluorene	240	220	730		10000	ug/L	QD	12/03/04	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	54	6.8	23		200	ug/L		12/02/04	SW846 3510C	8270C-SIM
Naphthalene	2600	220	750		10000	ug/L	D	12/03/04	SW846 3510C	8270C-SIM
Phenanthrene	720	200	680		10000	ug/L	D	12/03/04	SW846 3510C	8270C-SIM
Pyrene	300	160	540		10000	ug/L	QD	12/03/04	SW846 3510C	8270C-SIM
Nitrobenzene-d5	0				200	%Recov	D	12/02/04	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	0				200	%Recov	D	12/02/04	SW846 3510C	8270C-SIM
Terphenyl-d14	0				200	%Recov	D	12/02/04	SW846 3510C	8270C-SIM

En Chem

A Division of Pace Analytical Services, Inc.

Analytical Report Number: 853914

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

Client : NATURAL RESOURCE TECHNOLOGY, INC.
Project Name : WPSC - CAMP MARINA
Project Number : 1313
Field ID : PZ-702

Matrix Type : GROUNDWATER
Collection Date : 11/24/04
Report Date : 12/08/04
Lab Sample Number : 853914-006

INORGANICS

Test		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Cyanide, Weak & Dissociable -	<	0.0053	0.0053	0.018		1	mg/L		12/06/04	SM 4500-CN	SM 4500-CN
Nitrogen, NO3 + NO2		0.14	0.063	0.21		1	mg/L	Q	12/07/04	EPA 353.2	EPA 353.2
Sulfate		3.8	0.36	1.2		1	mg/L		11/30/04	EPA 300.0	EPA 300.0

BTEX

Prep Date: 11/30/04

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Benzene	<	0.14	0.14	0.46		1	ug/L		11/30/04	SW846 5030B	SW846 M8021
Ethylbenzene	<	0.40	0.40	1.3		1	ug/L		11/30/04	SW846 5030B	SW846 M8021
Toluene	<	0.36	0.36	1.2		1	ug/L		11/30/04	SW846 5030B	SW846 M8021
Xylene, o	<	0.36	0.36	1.2		1	ug/L		11/30/04	SW846 5030B	SW846 M8021
Xylenes, m + p	<	0.74	0.74	2.5		1	ug/L		11/30/04	SW846 5030B	SW846 M8021
a,a,a-Trifluorotoluene		102				1	%Recov		11/30/04	SW846 5030B	SW846 M8021

METHANE

Prep Date: 12/07/04

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methane	<	10			10	1	ug/L		12/07/04	SW846 M8015	SW846 M8015

PAH/ PNA

Prep Date: 11/30/04

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1-Methylnaphthalene		0.068	0.020	0.066		1	ug/L		12/02/04	SW846 3510C	8270C-SIM
2-Methylnaphthalene		0.063	0.023	0.076		1	ug/L	Q	12/02/04	SW846 3510C	8270C-SIM
Acenaphthene	<	0.019	0.019	0.065		1	ug/L		12/02/04	SW846 3510C	8270C-SIM
Acenaphthylene		0.023	0.019	0.064		1	ug/L	Q	12/02/04	SW846 3510C	8270C-SIM
Anthracene	<	0.018	0.018	0.059		1	ug/L		12/02/04	SW846 3510C	8270C-SIM
Benzo(a)anthracene	<	0.020	0.020	0.065		1	ug/L		12/02/04	SW846 3510C	8270C-SIM
Benzo(a)pyrene	<	0.018	0.018	0.060		1	ug/L		12/02/04	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	<	0.018	0.018	0.060		1	ug/L		12/02/04	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	<	0.021	0.021	0.069		1	ug/L		12/02/04	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	<	0.019	0.019	0.064		1	ug/L		12/02/04	SW846 3510C	8270C-SIM
Chrysene	<	0.016	0.016	0.055		1	ug/L		12/02/04	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	<	0.022	0.022	0.073		1	ug/L		12/02/04	SW846 3510C	8270C-SIM
Fluoranthene	<	0.016	0.016	0.055		1	ug/L		12/02/04	SW846 3510C	8270C-SIM
Fluorene	<	0.022	0.022	0.073		1	ug/L		12/02/04	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	<	0.017	0.017	0.057		1	ug/L		12/02/04	SW846 3510C	8270C-SIM
Naphthalene		0.46	0.022	0.075		1	ug/L		12/02/04	SW846 3510C	8270C-SIM
Phenanthrene	<	0.020	0.020	0.068		1	ug/L		12/02/04	SW846 3510C	8270C-SIM
Pyrene	<	0.016	0.016	0.054		1	ug/L		12/02/04	SW846 3510C	8270C-SIM
Nitrobenzene-d5		77				1	%Recov		12/02/04	SW846 3510C	8270C-SIM
2-Fluorobiphenyl		58				1	%Recov		12/02/04	SW846 3510C	8270C-SIM
Terphenyl-d14		80				1	%Recov		12/02/04	SW846 3510C	8270C-SIM

En Chem

A Division of Pace Analytical Services, Inc.

Analytical Report Number: 853914

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

Client : NATURAL RESOURCE TECHNOLOGY, INC.
Project Name : WPSC - CAMP MARINA
Project Number : 1313
Field ID : MW-707R

Matrix Type : GROUNDWATER
Collection Date : 11/24/04
Report Date : 12/08/04
Lab Sample Number : 853914-007

INORGANICS

Test		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Cyanide, Weak & Dissociable -		0.0087	0.0053	0.018		1	mg/L	Q	12/06/04	SM 4500-CN	SM 4500-CN
Nitrogen, NO3 + NO2	<	0.063	0.063	0.21		1	mg/L		12/07/04	EPA 353.2	EPA 353.2
Sulfate		3.7	0.36	1.2		1	mg/L		11/30/04	EPA 300.0	EPA 300.0

BTEX

Prep Date: 11/30/04

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Benzene		1300	1.4	4.6		10	ug/L		11/30/04	SW846 5030B	SW846 M8021
Ethylbenzene		2400	4.0	13		10	ug/L		11/30/04	SW846 5030B	SW846 M8021
Toluene		74	3.6	12		10	ug/L		11/30/04	SW846 5030B	SW846 M8021
Xylene, o		600	3.6	12		10	ug/L		11/30/04	SW846 5030B	SW846 M8021
Xylenes, m + p		190	7.4	25		10	ug/L		11/30/04	SW846 5030B	SW846 M8021
a,a,a-Trifluorotoluene		100				1	%Recov		11/30/04	SW846 5030B	SW846 M8021

METHANE

Prep Date: 12/07/04

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methane		7200			500	50	ug/L		12/07/04	SW846 M8015	SW846 M8015

PAH/ PNA

Prep Date: 11/30/04

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1-Methylnaphthalene		250	100	330		5000	ug/L	QD	12/03/04	SW846 3510C	8270C-SIM
2-Methylnaphthalene		14	4.5	15		200	ug/L	Q	12/02/04	SW846 3510C	8270C-SIM
Acenaphthene		57	3.9	13		200	ug/L		12/02/04	SW846 3510C	8270C-SIM
Acenaphthylene		6.3	3.9	13		200	ug/L	Q	12/02/04	SW846 3510C	8270C-SIM
Anthracene		6.1	3.5	12		200	ug/L	Q	12/02/04	SW846 3510C	8270C-SIM
Benzo(a)anthracene	<	3.9	3.9	13		200	ug/L		12/02/04	SW846 3510C	8270C-SIM
Benzo(a)pyrene	<	3.6	3.6	12		200	ug/L		12/02/04	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	<	3.6	3.6	12		200	ug/L		12/02/04	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	<	4.1	4.1	14		200	ug/L		12/02/04	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	<	3.9	3.9	13		200	ug/L		12/02/04	SW846 3510C	8270C-SIM
Chrysene	<	3.3	3.3	11		200	ug/L		12/02/04	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	<	4.4	4.4	15		200	ug/L		12/02/04	SW846 3510C	8270C-SIM
Fluoranthene		3.6	3.3	11		200	ug/L	Q	12/02/04	SW846 3510C	8270C-SIM
Fluorene		31	4.4	15		200	ug/L		12/02/04	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	<	3.4	3.4	11		200	ug/L		12/02/04	SW846 3510C	8270C-SIM
Naphthalene		1700	110	370		5000	ug/L	D	12/03/04	SW846 3510C	8270C-SIM
Phenanthrene		34	4.1	14		200	ug/L		12/02/04	SW846 3510C	8270C-SIM
Pyrene		3.4	3.3	11		200	ug/L	Q	12/02/04	SW846 3510C	8270C-SIM
Nitrobenzene-d5		0				200	%Recov	D	12/02/04	SW846 3510C	8270C-SIM
2-Fluorobiphenyl		0				200	%Recov	D	12/02/04	SW846 3510C	8270C-SIM
Terphenyl-d14		0				200	%Recov	D	12/02/04	SW846 3510C	8270C-SIM

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A Division of Pace Analytical Services, Inc.

Analytical Report Number: 853914

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

Client : NATURAL RESOURCE TECHNOLOGY, INC.
Project Name : WPSC - CAMP MARINA
Project Number : 1313
Field ID : PZ-703

Matrix Type : GROUNDWATER
Collection Date : 11/24/04
Report Date : 12/08/04
Lab Sample Number : 853914-008

INORGANICS

Test		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Cyanide, Weak & Dissociable	<	0.0053	0.0053	0.018		1	mg/L		12/06/04	SM 4500-CN	SM 4500-CN
Nitrogen, NO3 + NO2	<	0.063	0.063	0.21		1	mg/L		12/07/04	EPA 353.2	EPA 353.2
Sulfate		32	0.36	1.2		1	mg/L		11/30/04	EPA 300.0	EPA 300.0

BTEX

Prep Date: 11/30/04

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Benzene		3200	3.4	11		25	ug/L		11/30/04	SW846 5030B	SW846 M8021
Ethylbenzene		2200	10	33		25	ug/L		11/30/04	SW846 5030B	SW846 M8021
Toluene		110	8.9	30		25	ug/L		11/30/04	SW846 5030B	SW846 M8021
Xylene, o		580	9.0	30		25	ug/L		11/30/04	SW846 5030B	SW846 M8021
Xylenes, m + p		510	19	62		25	ug/L		11/30/04	SW846 5030B	SW846 M8021
a,a,a-Trifluorotoluene		99				1	%Recov		11/30/04	SW846 5030B	SW846 M8021

METHANE

Prep Date: 12/07/04

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methane	130			10	1	ug/L		12/07/04	SW846 M8015	SW846 M8015

PAH/ PNA

Prep Date: 11/30/04

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1-Methylnaphthalene		18	4.0	13		200	ug/L		12/04/04	SW846 3510C	8270C-SIM
2-Methylnaphthalene		17	4.6	15		200	ug/L		12/04/04	SW846 3510C	8270C-SIM
Acenaphthene		5.9	3.9	13		200	ug/L	Q	12/04/04	SW846 3510C	8270C-SIM
Acenaphthylene	<	3.9	3.9	13		200	ug/L		12/04/04	SW846 3510C	8270C-SIM
Anthracene	<	3.6	3.6	12		200	ug/L		12/04/04	SW846 3510C	8270C-SIM
Benzo(a)anthracene	<	4.0	4.0	13		200	ug/L		12/04/04	SW846 3510C	8270C-SIM
Benzo(a)pyrene	<	3.7	3.7	12		200	ug/L		12/04/04	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	<	3.6	3.6	12		200	ug/L		12/04/04	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	<	4.2	4.2	14		200	ug/L		12/04/04	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	<	3.9	3.9	13		200	ug/L		12/04/04	SW846 3510C	8270C-SIM
Chrysene	<	3.3	3.3	11		200	ug/L		12/04/04	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	<	4.4	4.4	15		200	ug/L		12/04/04	SW846 3510C	8270C-SIM
Fluoranthene	<	3.3	3.3	11		200	ug/L		12/04/04	SW846 3510C	8270C-SIM
Fluorene	<	4.4	4.4	15		200	ug/L		12/04/04	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	<	3.4	3.4	11		200	ug/L		12/04/04	SW846 3510C	8270C-SIM
Naphthalene		760	90	300		4000	ug/L	D	12/06/04	SW846 3510C	8270C-SIM
Phenanthrene	<	4.1	4.1	14		200	ug/L		12/04/04	SW846 3510C	8270C-SIM
Pyrene	<	3.3	3.3	11		200	ug/L		12/04/04	SW846 3510C	8270C-SIM
Nitrobenzene-d5		0				200	%Recov	D	12/04/04	SW846 3510C	8270C-SIM
2-Fluorobiphenyl		0				200	%Recov	D	12/04/04	SW846 3510C	8270C-SIM
Terphenyl-d14		0				200	%Recov	D	12/04/04	SW846 3510C	8270C-SIM

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A Division of Pace Analytical Services, Inc.

Analytical Report Number: 853914

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

Client : NATURAL RESOURCE TECHNOLOGY, INC.
Project Name : WPSC - CAMP MARINA
Project Number : 1313
Field ID : MW-708

Matrix Type : GROUNDWATER
Collection Date : 11/24/04
Report Date : 12/08/04
Lab Sample Number : 853914-009

INORGANICS

Test		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Cyanide, Weak & Dissociable -	<	0.0053	0.0053	0.018		1	mg/L		12/06/04	SM 4500-CN	SM 4500-CN
Nitrogen, NO3 + NO2		0.17	0.063	0.21		1	mg/L	Q	12/07/04	EPA 353.2	EPA 353.2
Sulfate		79	0.36	1.2		1	mg/L		11/30/04	EPA 300.0	EPA 300.0

BTEX

Prep Date: 11/30/04

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Benzene		11	0.14	0.46		1	ug/L		11/30/04	SW846 5030B	SW846 M8021
Ethylbenzene		0.43	0.40	1.3		1	ug/L	Q	11/30/04	SW846 5030B	SW846 M8021
Toluene	<	0.36	0.36	1.2		1	ug/L		11/30/04	SW846 5030B	SW846 M8021
Xylene, o	<	0.36	0.36	1.2		1	ug/L		11/30/04	SW846 5030B	SW846 M8021
Xylenes, m + p	<	0.74	0.74	2.5		1	ug/L		11/30/04	SW846 5030B	SW846 M8021
a,a,a-Trifluorotoluene		101				1	%Recov		11/30/04	SW846 5030B	SW846 M8021

METHANE

Prep Date: 12/07/04

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methane	<	10			10	1	ug/L		12/07/04	SW846 M8015	SW846 M8015

PAH/ PNA

Prep Date: 11/30/04

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1-Methylnaphthalene		0.20	0.020	0.067		1	ug/L		12/02/04	SW846 3510C	8270C-SIM
2-Methylnaphthalene		0.19	0.023	0.076		1	ug/L		12/02/04	SW846 3510C	8270C-SIM
Acenaphthene		0.14	0.020	0.065		1	ug/L		12/02/04	SW846 3510C	8270C-SIM
Acenaphthylene	<	0.020	0.020	0.065		1	ug/L		12/02/04	SW846 3510C	8270C-SIM
Anthracene		0.039	0.018	0.059		1	ug/L	Q	12/02/04	SW846 3510C	8270C-SIM
Benzo(a)anthracene	<	0.020	0.020	0.066		1	ug/L		12/02/04	SW846 3510C	8270C-SIM
Benzo(a)pyrene	<	0.018	0.018	0.061		1	ug/L		12/02/04	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	<	0.018	0.018	0.060		1	ug/L		12/02/04	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	<	0.021	0.021	0.069		1	ug/L		12/02/04	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	<	0.019	0.019	0.065		1	ug/L		12/02/04	SW846 3510C	8270C-SIM
Chrysene	<	0.017	0.017	0.055		1	ug/L		12/02/04	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	<	0.022	0.022	0.074		1	ug/L		12/02/04	SW846 3510C	8270C-SIM
Fluoranthene		0.036	0.017	0.055		1	ug/L	Q	12/02/04	SW846 3510C	8270C-SIM
Fluorene		0.046	0.022	0.073		1	ug/L	Q	12/02/04	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	<	0.017	0.017	0.057		1	ug/L		12/02/04	SW846 3510C	8270C-SIM
Naphthalene		1.8	0.11	0.38		5	ug/L	D	12/04/04	SW846 3510C	8270C-SIM
Phenanthrene		0.13	0.021	0.069		1	ug/L		12/02/04	SW846 3510C	8270C-SIM
Pyrene		0.043	0.016	0.055		1	ug/L	Q	12/02/04	SW846 3510C	8270C-SIM
Nitrobenzene-d5		79				1	%Recov		12/02/04	SW846 3510C	8270C-SIM
2-Fluorobiphenyl		58				1	%Recov		12/02/04	SW846 3510C	8270C-SIM
Terphenyl-d14		82				1	%Recov		12/02/04	SW846 3510C	8270C-SIM

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A Division of Pace Analytical Services, Inc.

Analytical Report Number: 853914

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

Client : NATURAL RESOURCE TECHNOLOGY, INC.
Project Name : WPSC - CAMP MARINA
Project Number : 1313
Field ID : MW-705

Matrix Type : GROUNDWATER
Collection Date : 11/24/04
Report Date : 12/08/04
Lab Sample Number : 853914-010

INORGANICS

Test		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Cyanide, Weak & Dissociable -		0.0058	0.0053	0.018		1	mg/L	Q	12/06/04	SM 4500-CN	SM 4500-CN
Nitrogen, NO3 + NO2	<	0.063	0.063	0.21		1	mg/L		12/07/04	EPA 353.2	EPA 353.2
Sulfate		400	3.6	12		10	mg/L		11/30/04	EPA 300.0	EPA 300.0

BTEX

Prep Date: 11/30/04

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Benzene	<	0.14	0.14	0.46		1	ug/L		11/30/04	SW846 5030B	SW846 M8021
Ethylbenzene	<	0.40	0.40	1.3		1	ug/L		11/30/04	SW846 5030B	SW846 M8021
Toluene	<	0.36	0.36	1.2		1	ug/L		11/30/04	SW846 5030B	SW846 M8021
Xylene, o	<	0.36	0.36	1.2		1	ug/L		11/30/04	SW846 5030B	SW846 M8021
Xylenes, m + p	<	0.74	0.74	2.5		1	ug/L		11/30/04	SW846 5030B	SW846 M8021
a,a,a-Trifluorotoluene		101				1	%Recov		11/30/04	SW846 5030B	SW846 M8021

METHANE

Prep Date: 12/07/04

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methane	99			10	1	ug/L		12/07/04	SW846 M8015	SW846 M8015

PAH/ PNA

Prep Date: 11/30/04

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		12/03/04	SW846 3510C	8270C-SIM
2-Methylnaphthalene	<	0.023	0.023	0.076		1	ug/L		12/03/04	SW846 3510C	8270C-SIM
Acenaphthene	<	0.019	0.019	0.065		1	ug/L		12/03/04	SW846 3510C	8270C-SIM
Acenaphthylene	<	0.019	0.019	0.064		1	ug/L		12/03/04	SW846 3510C	8270C-SIM
Anthracene	<	0.018	0.018	0.059		1	ug/L		12/03/04	SW846 3510C	8270C-SIM
Benzo(a)anthracene	<	0.020	0.020	0.065		1	ug/L		12/03/04	SW846 3510C	8270C-SIM
Benzo(a)pyrene	<	0.018	0.018	0.060		1	ug/L		12/03/04	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	<	0.018	0.018	0.060		1	ug/L		12/03/04	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	<	0.021	0.021	0.069		1	ug/L		12/03/04	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	<	0.019	0.019	0.064		1	ug/L		12/03/04	SW846 3510C	8270C-SIM
Chrysene	<	0.016	0.016	0.055		1	ug/L		12/03/04	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	<	0.022	0.022	0.073		1	ug/L		12/03/04	SW846 3510C	8270C-SIM
Fluoranthene	<	0.016	0.016	0.055		1	ug/L		12/03/04	SW846 3510C	8270C-SIM
Fluorene	<	0.022	0.022	0.073		1	ug/L		12/03/04	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	<	0.017	0.017	0.057		1	ug/L		12/03/04	SW846 3510C	8270C-SIM
Naphthalene		0.17	0.022	0.075		1	ug/L		12/03/04	SW846 3510C	8270C-SIM
Phenanthrene	<	0.020	0.020	0.068		1	ug/L		12/03/04	SW846 3510C	8270C-SIM
Pyrene	<	0.016	0.016	0.054		1	ug/L		12/03/04	SW846 3510C	8270C-SIM
Nitrobenzene-d5		98				1	%Recov		12/03/04	SW846 3510C	8270C-SIM
2-Fluorobiphenyl		69				1	%Recov		12/03/04	SW846 3510C	8270C-SIM
Terphenyl-d14		80				1	%Recov		12/03/04	SW846 3510C	8270C-SIM

En Chem

A Division of Pace Analytical Services, Inc.

Analytical Report Number: 853914

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

Client : NATURAL RESOURCE TECHNOLOGY, INC.
Project Name : WPSC - CAMP MARINA
Project Number : 1313
Field ID : MW-709R

Matrix Type : GROUNDWATER
Collection Date : 11/24/04
Report Date : 12/08/04
Lab Sample Number : 853914-011

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Cyanide, Weak & Dissociable -	0.0057	0.0053	0.018		1	mg/L	Q	12/06/04	SM 4500-CN	SM 4500-CN
Nitrogen, NO3 + NO2	0.082	0.063	0.21		1	mg/L	Q	12/07/04	EPA 353.2	EPA 353.2
Sulfate	240	1.8	6.0		5	mg/L		11/30/04	EPA 300.0	EPA 300.0

BTEX

Prep Date: 11/30/04

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Benzene	< 0.14	0.14	0.46		1	ug/L		11/30/04	SW846 5030B	SW846 M8021
Ethylbenzene	< 0.40	0.40	1.3		1	ug/L		11/30/04	SW846 5030B	SW846 M8021
Toluene	< 0.36	0.36	1.2		1	ug/L		11/30/04	SW846 5030B	SW846 M8021
Xylene, o	< 0.36	0.36	1.2		1	ug/L		11/30/04	SW846 5030B	SW846 M8021
Xylenes, m + p	< 0.74	0.74	2.5		1	ug/L		11/30/04	SW846 5030B	SW846 M8021
a,a,a-Trifluorotoluene	100				1	%Recov		11/30/04	SW846 5030B	SW846 M8021

METHANE

Prep Date: 12/07/04

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methane	420			50	5	ug/L		12/07/04	SW846 M8015	SW846 M8015

PAH/ PNA

Prep Date: 11/30/04

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		12/03/04	SW846 3510C	8270C-SIM
2-Methylnaphthalene	< 0.023	0.023	0.076		1	ug/L		12/03/04	SW846 3510C	8270C-SIM
Acenaphthene	< 0.019	0.019	0.065		1	ug/L		12/03/04	SW846 3510C	8270C-SIM
Acenaphthylene	< 0.019	0.019	0.064		1	ug/L		12/03/04	SW846 3510C	8270C-SIM
Anthracene	< 0.018	0.018	0.059		1	ug/L		12/03/04	SW846 3510C	8270C-SIM
Benzo(a)anthracene	< 0.020	0.020	0.065		1	ug/L		12/03/04	SW846 3510C	8270C-SIM
Benzo(a)pyrene	< 0.018	0.018	0.060		1	ug/L		12/03/04	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	< 0.018	0.018	0.060		1	ug/L		12/03/04	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	< 0.021	0.021	0.069		1	ug/L		12/03/04	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	< 0.019	0.019	0.064		1	ug/L		12/03/04	SW846 3510C	8270C-SIM
Chrysene	< 0.016	0.016	0.055		1	ug/L		12/03/04	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	< 0.022	0.022	0.073		1	ug/L		12/03/04	SW846 3510C	8270C-SIM
Fluoranthene	< 0.016	0.016	0.055		1	ug/L		12/03/04	SW846 3510C	8270C-SIM
Fluorene	< 0.022	0.022	0.073		1	ug/L		12/03/04	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	< 0.017	0.017	0.057		1	ug/L		12/03/04	SW846 3510C	8270C-SIM
Naphthalene	0.032	0.022	0.075		1	ug/L	Q	12/03/04	SW846 3510C	8270C-SIM
Phenanthrene	< 0.020	0.020	0.068		1	ug/L		12/03/04	SW846 3510C	8270C-SIM
Pyrene	< 0.016	0.016	0.054		1	ug/L		12/03/04	SW846 3510C	8270C-SIM
Nitrobenzene-d5	71				1	%Recov		12/03/04	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	59				1	%Recov		12/03/04	SW846 3510C	8270C-SIM
Terphenyl-d14	83				1	%Recov		12/03/04	SW846 3510C	8270C-SIM

En Chem
A Division of Pace Analytical Services, Inc.

Analytical Report Number: 853914

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

Client : NATURAL RESOURCE TECHNOLOGY, INC.
Project Name : WPSC - CAMP MARINA
Project Number : 1313
Field ID : QC-1

Matrix Type : GROUNDWATER
Collection Date : 11/24/04
Report Date : 12/08/04
Lab Sample Number : 853914-012

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Cyanide, Weak & Dissociable -	0.0064	0.0053	0.018		1	mg/L	Q	12/06/04	SM 4500-CN	SM 4500-CN
Nitrogen, NO3 + NO2	0.085	0.063	0.21		1	mg/L	Q	12/07/04	EPA 353.2	EPA 353.2
Sulfate	240	1.8	6.0		5	mg/L		12/02/04	EPA 300.0	EPA 300.0

BTEX

Prep Date: 11/30/04

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Benzene	0.14	0.14	0.46		1	ug/L	Q	11/30/04	SW846 5030B	SW846 M8021
Ethylbenzene	< 0.40	0.40	1.3		1	ug/L		11/30/04	SW846 5030B	SW846 M8021
Toluene	< 0.36	0.36	1.2		1	ug/L		11/30/04	SW846 5030B	SW846 M8021
Xylene, o	< 0.36	0.36	1.2		1	ug/L		11/30/04	SW846 5030B	SW846 M8021
Xylenes, m + p	< 0.74	0.74	2.5		1	ug/L		11/30/04	SW846 5030B	SW846 M8021
a,a,a-Trifluorotoluene	101				1	%Recov		11/30/04	SW846 5030B	SW846 M8021

METHANE

Prep Date: 12/07/04

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methane	430			50	5	ug/L		12/07/04	SW846 M8015	SW846 M8015

PAH/ PNA

Prep Date: 11/30/04

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1-Methylnaphthalene	0.048	0.020	0.066		1	ug/L	Q	12/03/04	SW846 3510C	8270C-SIM
2-Methylnaphthalene	0.063	0.023	0.076		1	ug/L	Q	12/03/04	SW846 3510C	8270C-SIM
Acenaphthene	< 0.019	0.019	0.065		1	ug/L		12/03/04	SW846 3510C	8270C-SIM
Acenaphthylene	< 0.019	0.019	0.064		1	ug/L		12/03/04	SW846 3510C	8270C-SIM
Anthracene	< 0.018	0.018	0.059		1	ug/L		12/03/04	SW846 3510C	8270C-SIM
Benzo(a)anthracene	< 0.020	0.020	0.065		1	ug/L		12/03/04	SW846 3510C	8270C-SIM
Benzo(a)pyrene	< 0.018	0.018	0.060		1	ug/L		12/03/04	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	< 0.018	0.018	0.060		1	ug/L		12/03/04	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	< 0.021	0.021	0.069		1	ug/L		12/03/04	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	< 0.019	0.019	0.064		1	ug/L		12/03/04	SW846 3510C	8270C-SIM
Chrysene	< 0.016	0.016	0.055		1	ug/L		12/03/04	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	< 0.022	0.022	0.073		1	ug/L		12/03/04	SW846 3510C	8270C-SIM
Fluoranthene	< 0.016	0.016	0.055		1	ug/L		12/03/04	SW846 3510C	8270C-SIM
Fluorene	< 0.022	0.022	0.073		1	ug/L		12/03/04	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	< 0.017	0.017	0.057		1	ug/L		12/03/04	SW846 3510C	8270C-SIM
Naphthalene	0.29	0.022	0.075		1	ug/L		12/03/04	SW846 3510C	8270C-SIM
Phenanthrene	< 0.020	0.020	0.068		1	ug/L		12/03/04	SW846 3510C	8270C-SIM
Pyrene	< 0.016	0.016	0.054		1	ug/L		12/03/04	SW846 3510C	8270C-SIM
Nitrobenzene-d5	91				1	%Recov		12/03/04	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	75				1	%Recov		12/03/04	SW846 3510C	8270C-SIM
Terphenyl-d14	75				1	%Recov		12/03/04	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.
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	853914-001	853914-002	853914-003	853914-004	853914-005	853914-006	853914-007	853914-008	853914-009	853914-010	853914-011	853914-012
BTEX	G	G	G	G	G	G	G	G	G	G	G	G
CYANIDE, WEAK & DISSOCIABLE -DI	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
NITROGEN, NO3 + NO2	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
SULFATE	G	G	G	G	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	

En Chem, Inc. Cooler Receipt Log

Batch No. 853914

Project Name or ID 1313 No. of Coolers: 1 Temps: RDE

A. Receipt Phase: Date cooler was opened: 11-24-04 **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
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: 11-24-04 **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.. *(This statement does not apply to water: VOC, O&G, TOC, DRO, Total Rec. Phenolics)*	YES	NO	NA
5: Do samples have correct chemical preservation? *(This statement does not apply to water: VOC, O&G, TOC, DRO, Total Rec. Phenolics)*	YES	NO[2]	NA
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. AB	YES	NO	NA

Short Hold-time tests:

24 Hours or less	48 Hours	7 days	Footnotes
Coliform	BOD	Ash	1 Notify proper lab group
Corrosivity = pH	Color	Aqueous Extractable Organics- ALL	immediately.
Dissolved Oxygen	Nitrite or Nitrate	Flashpoint	2 Complete nonconformance
Hexavalent Chromium	Ortho Phosphorus	Free Liquids	memo.
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 JMT 11/29/04

p:/everyone/forms/samplereceiving/crl.doc

(Please Print Legibly)
Company Name: Natural Resource Technology
Branch or Location: Pewaukee, WI
Project Contact: Jody Barbeau
Telephone: 262-522-1204
Project Number: 1313
Project Name: WPSC - Champion
Project State: WI
Sampled By (Print): Jody Barbeau
PO #:

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

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.131735

Page 1 of 2
Quote #:
Mail Report To: Rebecca Caudill
Company: Natural Resource Technology
Address: 23713 W. Paul Road, Suite D
Pewaukee, WI 53072
Invoice To: Rebecca Caudill
Company: Natural Resource Technology
Address: 23713 W. Paul Road, Suite D
Pewaukee, WI 53072
Mail Invoice To: Rebecca Caudill

*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

LABORATORY ID (Lab Use Only)	FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	BTEX (8021B)	PAH (8310)	Chloride, Dissociable (SM4500)	Methane (RSK-175)	Nitrate (EPA 300.0)	Sulfate (EPA 300.0)	TOTAL # OF BOTTLES SENT	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)
					FILTERED? (YES/NO)	N	N	Yes	N	N	N		
					PRESERVATION (CODE)*	B	A	H	B	C	A		
001	BW-6	11-24-04	1615	GW	X	X	X	X	X	X		6-40mlB 3-250ml	A C G 1LAmb A
002	BW-15		1625		X	X	X	X	X	X			
003	MW-701R		08:40		X	X	X	X	X	X			
004	PZ-701		4:57		X	X	X	X	X	X			
005	MW-706		0855		X	X	X	X	X	X			
006	PZ-702		0846		X	X	X	X	X	X			
007	MW-707R		1000		X	X	X	X	X	X			
008	PZ-703		0958		X	X	X	X	X	X			
009	MW-708		9:50		X	X	X	X	X	X			
010	MW-705		8:10		X	X	X	X	X	X			
011	MW-709R		0756		X	X	X	X	X	X			
012	QC-1				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:
[illegible]	11/24/04 1030	A Vague	11-24-04 1030
Relinquished By:	Date/Time:	Received By:	Date/Time:
A Vague	11-24-04 1400	[illegible] Watson	11/24/04 1400
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. 853914
Sample Receipt Temp. 4.0°
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: 859587

Client: NATURAL RESOURCE TECHNOLOGY **Lab Contact:** Tom Trainor

Project Name: WPSC - CAMP MARINA

Project Number: 1313

Lab Sample Number	Field ID	Matrix	Collection Date
859587-001	PZ-701	GW	05/19/05
859587-002	MW-701R	GW	05/19/05
859587-003	PZ-702	GW	05/19/05
859587-004	MW-706	GW	05/19/05
859587-005	PZ-703	GW	05/19/05
859587-006	MW-707R	GW	05/19/05
859587-007	MW-705	GW	05/19/05
859587-008	MW-708	GW	05/19/05
859587-009	MW-709R	GW	05/19/05
859587-010	BW-6	GW	05/19/05
859587-011	BW-15	GW	05/19/05
859587-012	QC-1	GW	05/19/05
859587-013	TRIP BLANK	WATER	05/19/05

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

6/8/05

Date

Pace Analytical Services, Inc.

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

Analytical Report Number: 859587

Client : NATURAL RESOURCE TECHNOLOGY
Project Name : WPSC - CAMP MARINA
Project Number : 1313
Field ID : PZ-701

Matrix Type : GROUNDWATER
Collection Date : 05/19/05
Report Date : 06/07/05
Lab Sample Number : 859587-001

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Cyanide, Weak & Dissociable	0.0045	0.0025	0.0082		1	mg/L	Q	06/02/05	SM 4500CN	SM 4500CN
Nitrogen, NO3 + NO2	0.19	0.061	0.20		1	mg/L	Q	05/23/05	EPA 353.2	EPA 353.2
Sulfate	67	4.2	14		5	mg/L		06/06/05	EPA 300.0	EPA 300.0

BTEX

Prep Date: 05/24/05

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Benzene	<	0.14	0.14	0.46		1	ug/L		05/24/05	SW846 5030B	SW846 M8021
Ethylbenzene	<	0.40	0.40	1.3		1	ug/L		05/24/05	SW846 5030B	SW846 M8021
Toluene	<	0.36	0.36	1.2		1	ug/L		05/24/05	SW846 5030B	SW846 M8021
Xylene, o	<	0.36	0.36	1.2		1	ug/L		05/24/05	SW846 5030B	SW846 M8021
Xylenes, m + p	<	0.74	0.74	2.5		1	ug/L		05/24/05	SW846 5030B	SW846 M8021
a,a,a-Trifluorotoluene		102				1	%Recov		05/24/05	SW846 5030B	SW846 M8021

METHANE

Prep Date:

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methane	<	10			10	1	ug/L		05/31/05	SW846 M8015	SW846 M8015

PAH/ PNA

Prep Date: 05/24/05

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		05/25/05	SW846 3510C	8270C-SIM
2-Methylnaphthalene	<	0.023	0.023	0.076		1	ug/L		05/25/05	SW846 3510C	8270C-SIM
Acenaphthene	<	0.019	0.019	0.065		1	ug/L		05/25/05	SW846 3510C	8270C-SIM
Acenaphthylene	<	0.019	0.019	0.064		1	ug/L		05/25/05	SW846 3510C	8270C-SIM
Anthracene	<	0.018	0.018	0.059		1	ug/L		05/25/05	SW846 3510C	8270C-SIM
Benzo(a)anthracene	<	0.020	0.020	0.065		1	ug/L		05/25/05	SW846 3510C	8270C-SIM
Benzo(a)pyrene	<	0.018	0.018	0.060		1	ug/L		05/25/05	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	<	0.018	0.018	0.060		1	ug/L		05/25/05	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	<	0.021	0.021	0.069		1	ug/L		05/25/05	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	<	0.019	0.019	0.064		1	ug/L		05/25/05	SW846 3510C	8270C-SIM
Chrysene	<	0.016	0.016	0.055		1	ug/L		05/25/05	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	<	0.022	0.022	0.073		1	ug/L		05/25/05	SW846 3510C	8270C-SIM
Fluoranthene	<	0.016	0.016	0.055		1	ug/L		05/25/05	SW846 3510C	8270C-SIM
Fluorene	<	0.022	0.022	0.073		1	ug/L		05/25/05	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	<	0.017	0.017	0.057		1	ug/L		05/25/05	SW846 3510C	8270C-SIM
Naphthalene		0.066	0.022	0.075		1	ug/L	Q	05/25/05	SW846 3510C	8270C-SIM
Phenanthrene	<	0.020	0.020	0.068		1	ug/L		05/25/05	SW846 3510C	8270C-SIM
Pyrene	<	0.016	0.016	0.054		1	ug/L		05/25/05	SW846 3510C	8270C-SIM
Nitrobenzene-d5		85				1	%Recov		05/25/05	SW846 3510C	8270C-SIM
2-Fluorobiphenyl		63				1	%Recov		05/25/05	SW846 3510C	8270C-SIM
Terphenyl-d14		97				1	%Recov		05/25/05	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

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

Analytical Report Number: 859587

Client : NATURAL RESOURCE TECHNOLOGY
Project Name : WPSC - CAMP MARINA
Project Number : 1313
Field ID : MW-701R

Matrix Type : GROUNDWATER
Collection Date : 05/19/05
Report Date : 06/07/05
Lab Sample Number : 859587-002

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Cyanide, Weak & Dissociable	0.0036	0.0025	0.0082		1	mg/L	Q	06/02/05	SM 4500CN	SM 4500CN
Nitrogen, NO3 + NO2	< 0.061	0.061	0.20		1	mg/L		05/23/05	EPA 353.2	EPA 353.2
Sulfate	1.7	0.83	2.8		1	mg/L	Q	06/06/05	EPA 300.0	EPA 300.0

BTEX

Prep Date: 05/24/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Benzene	3400	3.4	11		25	ug/L		05/24/05	SW846 5030B	SW846 M8021
Ethylbenzene	340	10	33		25	ug/L		05/24/05	SW846 5030B	SW846 M8021
Toluene	20	8.9	30		25	ug/L	Q	05/24/05	SW846 5030B	SW846 M8021
Xylene, o	140	9.0	30		25	ug/L		05/24/05	SW846 5030B	SW846 M8021
Xylenes, m + p	84	19	62		25	ug/L		05/24/05	SW846 5030B	SW846 M8021
a,a,a-Trifluorotoluene	104				1	%Recov		05/24/05	SW846 5030B	SW846 M8021

METHANE

Prep Date:

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methane	8100			1000	100	ug/L		05/31/05	SW846 M8015	SW846 M8015

PAH/ PNA

Prep Date: 05/24/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1-Methylnaphthalene	240	80	270		4000	ug/L	QD	05/26/05	SW846 3510C	8270C-SIM
2-Methylnaphthalene	230	91	300		4000	ug/L	QD	05/26/05	SW846 3510C	8270C-SIM
Acenaphthene	180	78	260		4000	ug/L	QD	05/26/05	SW846 3510C	8270C-SIM
Acenaphthylene	8.3	3.9	13		200	ug/L	Q	05/25/05	SW846 3510C	8270C-SIM
Anthracene	44	3.5	12		200	ug/L		05/25/05	SW846 3510C	8270C-SIM
Benzo(a)anthracene	18	3.9	13		200	ug/L		05/25/05	SW846 3510C	8270C-SIM
Benzo(a)pyrene	16	3.6	12		200	ug/L		05/25/05	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	7.8	3.6	12		200	ug/L	Q	05/25/05	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	7.6	4.1	14		200	ug/L	Q	05/25/05	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	9.9	3.9	13		200	ug/L	Q	05/25/05	SW846 3510C	8270C-SIM
Chrysene	21	3.3	11		200	ug/L		05/25/05	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	< 4.4	4.4	15		200	ug/L		05/25/05	SW846 3510C	8270C-SIM
Fluoranthene	43	3.3	11		200	ug/L		05/25/05	SW846 3510C	8270C-SIM
Fluorene	49	4.4	15		200	ug/L		05/25/05	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	4.8	3.4	11		200	ug/L	Q	05/25/05	SW846 3510C	8270C-SIM
Naphthalene	1500	89	300		4000	ug/L	D	05/26/05	SW846 3510C	8270C-SIM
Phenanthrene	150	82	270		4000	ug/L	QD	05/26/05	SW846 3510C	8270C-SIM
Pyrene	61	3.3	11		200	ug/L		05/25/05	SW846 3510C	8270C-SIM
Nitrobenzene-d5	0				200	%Recov	D	05/25/05	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	0				200	%Recov	D	05/25/05	SW846 3510C	8270C-SIM
Terphenyl-d14	0				200	%Recov	D	05/25/05	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

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

Analytical Report Number: 859587

Client : NATURAL RESOURCE TECHNOLOGY
Project Name : WPSC - CAMP MARINA
Project Number : 1313
Field ID : PZ-702

Matrix Type : GROUNDWATER
Collection Date : 05/19/05
Report Date : 06/07/05
Lab Sample Number : 859587-003

INORGANICS

Test		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Cyanide, Weak & Dissociable	<	0.0025	0.0025	0.0082		1	mg/L		06/02/05	SM 4500CN	SM 4500CN
Nitrogen, NO3 + NO2		0.16	0.061	0.20		1	mg/L	Q	05/23/05	EPA 353.2	EPA 353.2
Sulfate		4.9	0.83	2.8		1	mg/L		06/06/05	EPA 300.0	EPA 300.0

BTEX

Prep Date: 05/24/05

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Benzene	<	0.14	0.14	0.46		1	ug/L		05/24/05	SW846 5030B	SW846 M8021
Ethylbenzene	<	0.40	0.40	1.3		1	ug/L		05/24/05	SW846 5030B	SW846 M8021
Toluene	<	0.36	0.36	1.2		1	ug/L		05/24/05	SW846 5030B	SW846 M8021
Xylene, o	<	0.36	0.36	1.2		1	ug/L		05/24/05	SW846 5030B	SW846 M8021
Xylenes, m + p	<	0.74	0.74	2.5		1	ug/L		05/24/05	SW846 5030B	SW846 M8021
a,a,a-Trifluorotoluene		103				1	%Recov		05/24/05	SW846 5030B	SW846 M8021

METHANE

Prep Date:

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methane	<	10			10	1	ug/L		05/31/05	SW846 M8015	SW846 M8015

PAH/ PNA

Prep Date: 05/24/05

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1-Methylnaphthalene		0.023	0.021	0.070		1	ug/L	Q	05/24/05	SW846 3510C	8270C-SIM
2-Methylnaphthalene		0.026	0.024	0.079		1	ug/L	Q	05/24/05	SW846 3510C	8270C-SIM
Acenaphthene	<	0.020	0.020	0.068		1	ug/L		05/24/05	SW846 3510C	8270C-SIM
Acenaphthylene	<	0.020	0.020	0.068		1	ug/L		05/24/05	SW846 3510C	8270C-SIM
Anthracene	<	0.019	0.019	0.062		1	ug/L		05/24/05	SW846 3510C	8270C-SIM
Benzo(a)anthracene	<	0.021	0.021	0.069		1	ug/L		05/24/05	SW846 3510C	8270C-SIM
Benzo(a)pyrene	<	0.019	0.019	0.063		1	ug/L		05/24/05	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	<	0.019	0.019	0.063		1	ug/L		05/24/05	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	<	0.022	0.022	0.072		1	ug/L		05/24/05	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	<	0.020	0.020	0.068		1	ug/L		05/24/05	SW846 3510C	8270C-SIM
Chrysene	<	0.017	0.017	0.057		1	ug/L		05/24/05	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	<	0.023	0.023	0.077		1	ug/L		05/24/05	SW846 3510C	8270C-SIM
Fluoranthene	<	0.017	0.017	0.058		1	ug/L		05/24/05	SW846 3510C	8270C-SIM
Fluorene	<	0.023	0.023	0.076		1	ug/L		05/24/05	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	<	0.018	0.018	0.060		1	ug/L		05/24/05	SW846 3510C	8270C-SIM
Naphthalene		0.16	0.023	0.078		1	ug/L		05/24/05	SW846 3510C	8270C-SIM
Phenanthrene	<	0.021	0.021	0.071		1	ug/L		05/24/05	SW846 3510C	8270C-SIM
Pyrene	<	0.017	0.017	0.057		1	ug/L		05/24/05	SW846 3510C	8270C-SIM
Nitrobenzene-d5		71				1	%Recov		05/24/05	SW846 3510C	8270C-SIM
2-Fluorobiphenyl		54				1	%Recov		05/24/05	SW846 3510C	8270C-SIM
Terphenyl-d14		82				1	%Recov		05/24/05	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

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

Analytical Report Number: 859587

Client : NATURAL RESOURCE TECHNOLOGY
Project Name : WPSC - CAMP MARINA
Project Number : 1313
Field ID : MW-706

Matrix Type : GROUNDWATER
Collection Date : 05/19/05
Report Date : 06/07/05
Lab Sample Number : 859587-004

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Cyanide, Weak & Dissociable	0.0046	0.0025	0.0082		1	mg/L	Q	06/02/05	SM 4500CN	SM 4500CN
Nitrogen, NO3 + NO2	0.48	0.061	0.20		1	mg/L		05/23/05	EPA 353.2	EPA 353.2
Sulfate	830	17	56		20	mg/L		06/06/05	EPA 300.0	EPA 300.0

BTEX

Prep Date: 05/24/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Benzene	1800	1.4	4.6		10	ug/L		05/24/05	SW846 5030B	SW846 M8021
Ethylbenzene	56	4.0	13		10	ug/L		05/24/05	SW846 5030B	SW846 M8021
Toluene	500	3.6	12		10	ug/L		05/24/05	SW846 5030B	SW846 M8021
Xylene, o	300	3.6	12		10	ug/L		05/24/05	SW846 5030B	SW846 M8021
Xylenes, m + p	220	7.4	25		10	ug/L		05/24/05	SW846 5030B	SW846 M8021
a,a,a-Trifluorotoluene	104				1	%Recov		05/24/05	SW846 5030B	SW846 M8021

METHANE

Prep Date:

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methane	25			10	1	ug/L		05/31/05	SW846 M8015	SW846 M8015

PAH/ PNA

Prep Date: 05/24/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1-Methylnaphthalene	120	8.0	27		400	ug/L		05/25/05	SW846 3510C	8270C-SIM
2-Methylnaphthalene	75	9.1	30		400	ug/L		05/25/05	SW846 3510C	8270C-SIM
Acenaphthene	< 7.8	7.8	26		400	ug/L		05/25/05	SW846 3510C	8270C-SIM
Acenaphthylene	80	7.7	26		400	ug/L		05/25/05	SW846 3510C	8270C-SIM
Anthracene	< 7.1	7.1	24		400	ug/L		05/25/05	SW846 3510C	8270C-SIM
Benzo(a)anthracene	< 7.8	7.8	26		400	ug/L		05/25/05	SW846 3510C	8270C-SIM
Benzo(a)pyrene	< 7.2	7.2	24		400	ug/L		05/25/05	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	< 7.2	7.2	24		400	ug/L		05/25/05	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	< 8.3	8.3	28		400	ug/L		05/25/05	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	< 7.7	7.7	26		400	ug/L		05/25/05	SW846 3510C	8270C-SIM
Chrysene	< 6.6	6.6	22		400	ug/L		05/25/05	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	< 8.8	8.8	29		400	ug/L		05/25/05	SW846 3510C	8270C-SIM
Fluoranthene	< 6.6	6.6	22		400	ug/L		05/25/05	SW846 3510C	8270C-SIM
Fluorene	< 8.7	8.7	29		400	ug/L		05/25/05	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	< 6.8	6.8	23		400	ug/L		05/25/05	SW846 3510C	8270C-SIM
Naphthalene	500	45	150		2000	ug/L	D	05/27/05	SW846 3510C	8270C-SIM
Phenanthrene	< 8.2	8.2	27		400	ug/L		05/25/05	SW846 3510C	8270C-SIM
Pyrene	< 6.5	6.5	22		400	ug/L		05/25/05	SW846 3510C	8270C-SIM
Nitrobenzene-d5	0				400	%Recov	D	05/25/05	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	0				400	%Recov	D	05/25/05	SW846 3510C	8270C-SIM
Terphenyl-d14	0				400	%Recov	D	05/25/05	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

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

Analytical Report Number: 859587

Client : NATURAL RESOURCE TECHNOLOGY
Project Name : WPSC - CAMP MARINA
Project Number : 1313
Field ID : PZ-703

Matrix Type : GROUNDWATER
Collection Date : 05/19/05
Report Date : 06/07/05
Lab Sample Number : 859587-005

INORGANICS

Test		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Cyanide, Weak & Dissociable		0.0036	0.0025	0.0082		1	mg/L	Q	06/02/05	SM 4500CN	SM 4500CN
Nitrogen, NO3 + NO2	<	0.061	0.061	0.20		1	mg/L		05/23/05	EPA 353.2	EPA 353.2
Sulfate		57	4.2	14		5	mg/L		06/06/05	EPA 300.0	EPA 300.0

BTEX

Prep Date: 05/24/05

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Benzene		380	0.14	0.46		1	ug/L		05/24/05	SW846 5030B	SW846 M8021
Ethylbenzene		220	0.40	1.3		1	ug/L		05/24/05	SW846 5030B	SW846 M8021
Toluene		9.3	0.36	1.2		1	ug/L		05/24/05	SW846 5030B	SW846 M8021
Xylene, o		65	0.36	1.2		1	ug/L		05/24/05	SW846 5030B	SW846 M8021
Xylenes, m + p		48	0.74	2.5		1	ug/L		05/24/05	SW846 5030B	SW846 M8021
a,a,a-Trifluorotoluene		103				1	%Recov		05/24/05	SW846 5030B	SW846 M8021

METHANE

Prep Date:

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methane		180			25	2.5	ug/L		05/31/05	SW846 M8015	SW846 M8015

PAH/ PNA

Prep Date: 05/24/05

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1-Methylnaphthalene		1.9	0.16	0.53		8	ug/L	D	05/26/05	SW846 3510C	8270C-SIM
2-Methylnaphthalene		0.59	0.091	0.30		4	ug/L		05/26/05	SW846 3510C	8270C-SIM
Acenaphthene		1.1	0.078	0.26		4	ug/L		05/26/05	SW846 3510C	8270C-SIM
Acenaphthylene		0.087	0.077	0.26		4	ug/L	Q	05/26/05	SW846 3510C	8270C-SIM
Anthracene	<	0.071	0.071	0.24		4	ug/L		05/26/05	SW846 3510C	8270C-SIM
Benzo(a)anthracene	<	0.078	0.078	0.26		4	ug/L		05/26/05	SW846 3510C	8270C-SIM
Benzo(a)pyrene	<	0.072	0.072	0.24		4	ug/L		05/26/05	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	<	0.072	0.072	0.24		4	ug/L		05/26/05	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	<	0.083	0.083	0.28		4	ug/L		05/26/05	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	<	0.077	0.077	0.26		4	ug/L		05/26/05	SW846 3510C	8270C-SIM
Chrysene	<	0.066	0.066	0.22		4	ug/L		05/26/05	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	<	0.088	0.088	0.29		4	ug/L		05/26/05	SW846 3510C	8270C-SIM
Fluoranthene	<	0.066	0.066	0.22		4	ug/L		05/26/05	SW846 3510C	8270C-SIM
Fluorene		0.097	0.087	0.29		4	ug/L	Q	05/26/05	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	<	0.068	0.068	0.23		4	ug/L		05/26/05	SW846 3510C	8270C-SIM
Naphthalene		0.97	0.089	0.30		4	ug/L		05/26/05	SW846 3510C	8270C-SIM
Phenanthrene	<	0.082	0.082	0.27		4	ug/L		05/26/05	SW846 3510C	8270C-SIM
Pyrene	<	0.065	0.065	0.22		4	ug/L		05/26/05	SW846 3510C	8270C-SIM
Nitrobenzene-d5		145				4	%Recov	F	05/26/05	SW846 3510C	8270C-SIM
2-Fluorobiphenyl		98				4	%Recov		05/26/05	SW846 3510C	8270C-SIM
Terphenyl-d14		107				4	%Recov		05/26/05	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

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

Analytical Report Number: 859587

Client : NATURAL RESOURCE TECHNOLOGY
Project Name : WPSC - CAMP MARINA
Project Number : 1313
Field ID : MW-707R

Matrix Type : GROUNDWATER
Collection Date : 05/19/05
Report Date : 06/07/05
Lab Sample Number : 859587-006

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Cyanide, Weak & Dissociable	0.0051	0.0025	0.0082		1	mg/L	Q	06/02/05	SM 4500CN	SM 4500CN
Nitrogen, NO3 + NO2	0.062	0.061	0.20		1	mg/L	Q	05/23/05	EPA 353.2	EPA 353.2
Sulfate	14	0.83	2.8		1	mg/L		06/06/05	EPA 300.0	EPA 300.0

BTEX

Prep Date: 05/24/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Benzene	1300	3.4	11		25	ug/L		05/24/05	SW846 5030B	SW846 M8021
Ethylbenzene	2500	10	33		25	ug/L		05/24/05	SW846 5030B	SW846 M8021
Toluene	93	8.9	30		25	ug/L		05/24/05	SW846 5030B	SW846 M8021
Xylene, o	640	9.0	30		25	ug/L		05/24/05	SW846 5030B	SW846 M8021
Xylenes, m + p	270	19	62		25	ug/L		05/24/05	SW846 5030B	SW846 M8021
a,a,a-Trifluorotoluene	103				1	%Recov		05/24/05	SW846 5030B	SW846 M8021

METHANE

Prep Date:

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methane	3800			500	50	ug/L		05/31/05	SW846 M8015	SW846 M8015

PAH/ PNA

Prep Date: 05/24/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1-Methylnaphthalene	250	160	540		8000	ug/L	QD	05/27/05	SW846 3510C	8270C-SIM
2-Methylnaphthalene	21	9.1	30		400	ug/L	Q	05/25/05	SW846 3510C	8270C-SIM
Acenaphthene	55	7.8	26		400	ug/L		05/25/05	SW846 3510C	8270C-SIM
Acenaphthylene	< 7.8	7.8	26		400	ug/L		05/25/05	SW846 3510C	8270C-SIM
Anthracene	8.3	7.1	24		400	ug/L	Q	05/25/05	SW846 3510C	8270C-SIM
Benzo(a)anthracene	< 7.9	7.9	26		400	ug/L		05/25/05	SW846 3510C	8270C-SIM
Benzo(a)pyrene	< 7.3	7.3	24		400	ug/L		05/25/05	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	< 7.2	7.2	24		400	ug/L		05/25/05	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	< 8.3	8.3	28		400	ug/L		05/25/05	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	< 7.8	7.8	26		400	ug/L		05/25/05	SW846 3510C	8270C-SIM
Chrysene	< 6.6	6.6	22		400	ug/L		05/25/05	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	< 8.9	8.9	30		400	ug/L		05/25/05	SW846 3510C	8270C-SIM
Fluoranthene	6.9	6.7	22		400	ug/L	Q	05/25/05	SW846 3510C	8270C-SIM
Fluorene	29	8.8	29		400	ug/L	Q	05/25/05	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	< 6.9	6.9	23		400	ug/L		05/25/05	SW846 3510C	8270C-SIM
Naphthalene	1900	180	600		8000	ug/L	D	05/27/05	SW846 3510C	8270C-SIM
Phenanthrene	48	8.2	27		400	ug/L		05/25/05	SW846 3510C	8270C-SIM
Pyrene	7.7	6.6	22		400	ug/L	Q	05/25/05	SW846 3510C	8270C-SIM
Nitrobenzene-d5	0				400	%Recov	D	05/25/05	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	0				400	%Recov	D	05/25/05	SW846 3510C	8270C-SIM
Terphenyl-d14	0				400	%Recov	D	05/25/05	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

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

Analytical Report Number: 859587

Client : NATURAL RESOURCE TECHNOLOGY
Project Name : WPSC - CAMP MARINA
Project Number : 1313
Field ID : MW-705

Matrix Type : GROUNDWATER
Collection Date : 05/19/05
Report Date : 06/07/05
Lab Sample Number : 859587-007

INORGANICS

Test		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Cyanide, Weak & Dissociable		0.010	0.0025	0.0082		1	mg/L		06/02/05	SM 4500CN	SM 4500CN
Nitrogen, NO3 + NO2	<	0.061	0.061	0.20		1	mg/L		05/23/05	EPA 353.2	EPA 353.2
Sulfate		450	17	56		20	mg/L		06/06/05	EPA 300.0	EPA 300.0

BTEX

Prep Date: 05/25/05

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Benzene	<	0.14	0.14	0.46		1	ug/L		05/25/05	SW846 5030B	SW846 M8021
Ethylbenzene	<	0.40	0.40	1.3		1	ug/L		05/25/05	SW846 5030B	SW846 M8021
Toluene	<	0.36	0.36	1.2		1	ug/L		05/25/05	SW846 5030B	SW846 M8021
Xylene, o	<	0.36	0.36	1.2		1	ug/L		05/25/05	SW846 5030B	SW846 M8021
Xylenes, m + p	<	0.74	0.74	2.5		1	ug/L		05/25/05	SW846 5030B	SW846 M8021
a,a,a-Trifluorotoluene		103				1	%Recov		05/25/05	SW846 5030B	SW846 M8021

METHANE

Prep Date:

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methane		190			10	1	ug/L		05/31/05	SW846 M8015	SW846 M8015

PAH/ PNA

Prep Date: 05/24/05

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		05/24/05	SW846 3510C	8270C-SIM
2-Methylnaphthalene	<	0.023	0.023	0.076		1	ug/L		05/24/05	SW846 3510C	8270C-SIM
Acenaphthene	<	0.019	0.019	0.065		1	ug/L		05/24/05	SW846 3510C	8270C-SIM
Acenaphthylene	<	0.019	0.019	0.064		1	ug/L		05/24/05	SW846 3510C	8270C-SIM
Anthracene	<	0.018	0.018	0.059		1	ug/L		05/24/05	SW846 3510C	8270C-SIM
Benzo(a)anthracene	<	0.020	0.020	0.065		1	ug/L		05/24/05	SW846 3510C	8270C-SIM
Benzo(a)pyrene	<	0.018	0.018	0.060		1	ug/L		05/24/05	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	<	0.018	0.018	0.060		1	ug/L		05/24/05	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	<	0.021	0.021	0.069		1	ug/L		05/24/05	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	<	0.019	0.019	0.064		1	ug/L		05/24/05	SW846 3510C	8270C-SIM
Chrysene	<	0.016	0.016	0.055		1	ug/L		05/24/05	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	<	0.022	0.022	0.073		1	ug/L		05/24/05	SW846 3510C	8270C-SIM
Fluoranthene	<	0.016	0.016	0.055		1	ug/L		05/24/05	SW846 3510C	8270C-SIM
Fluorene	<	0.022	0.022	0.073		1	ug/L		05/24/05	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	<	0.017	0.017	0.057		1	ug/L		05/24/05	SW846 3510C	8270C-SIM
Naphthalene		0.055	0.022	0.075		1	ug/L	Q	05/24/05	SW846 3510C	8270C-SIM
Phenanthrene	<	0.020	0.020	0.068		1	ug/L		05/24/05	SW846 3510C	8270C-SIM
Pyrene	<	0.016	0.016	0.054		1	ug/L		05/24/05	SW846 3510C	8270C-SIM
Nitrobenzene-d5		88				1	%Recov		05/24/05	SW846 3510C	8270C-SIM
2-Fluorobiphenyl		66				1	%Recov		05/24/05	SW846 3510C	8270C-SIM
Terphenyl-d14		87				1	%Recov		05/24/05	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

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

Analytical Report Number: 859587

Client : NATURAL RESOURCE TECHNOLOGY
Project Name : WPSC - CAMP MARINA
Project Number : 1313
Field ID : MW-708

Matrix Type : GROUNDWATER
Collection Date : 05/19/05
Report Date : 06/07/05
Lab Sample Number : 859587-008

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Cyanide, Weak & Dissociable	0.0027	0.0025	0.0082		1	mg/L	Q	06/02/05	SM 4500CN	SM 4500CN
Nitrogen, NO3 + NO2	0.15	0.061	0.20		1	mg/L	Q	05/23/05	EPA 353.2	EPA 353.2
Sulfate	67	4.2	14		5	mg/L		06/06/05	EPA 300.0	EPA 300.0

BTEX

Prep Date: 05/25/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Benzene	< 0.14	0.14	0.46		1	ug/L		05/25/05	SW846 5030B	SW846 M8021
Ethylbenzene	< 0.40	0.40	1.3		1	ug/L		05/25/05	SW846 5030B	SW846 M8021
Toluene	< 0.36	0.36	1.2		1	ug/L		05/25/05	SW846 5030B	SW846 M8021
Xylene, o	< 0.36	0.36	1.2		1	ug/L		05/25/05	SW846 5030B	SW846 M8021
Xylenes, m + p	< 0.74	0.74	2.5		1	ug/L		05/25/05	SW846 5030B	SW846 M8021
a,a,a-Trifluorotoluene	102				1	%Recov		05/25/05	SW846 5030B	SW846 M8021

METHANE

Prep Date:

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methane	< 10			10	1	ug/L		05/31/05	SW846 M8015	SW846 M8015

PAH/ PNA

Prep Date: 05/24/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1-Methylnaphthalene	0.10	0.020	0.068		1	ug/L		05/24/05	SW846 3510C	8270C-SIM
2-Methylnaphthalene	< 0.023	0.023	0.077		1	ug/L		05/24/05	SW846 3510C	8270C-SIM
Acenaphthene	0.028	0.020	0.066		1	ug/L	Q	05/24/05	SW846 3510C	8270C-SIM
Acenaphthylene	< 0.020	0.020	0.066		1	ug/L		05/24/05	SW846 3510C	8270C-SIM
Anthracene	< 0.018	0.018	0.060		1	ug/L		05/24/05	SW846 3510C	8270C-SIM
Benzo(a)anthracene	< 0.020	0.020	0.067		1	ug/L		05/24/05	SW846 3510C	8270C-SIM
Benzo(a)pyrene	< 0.018	0.018	0.062		1	ug/L		05/24/05	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	< 0.018	0.018	0.061		1	ug/L		05/24/05	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	< 0.021	0.021	0.070		1	ug/L		05/24/05	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	< 0.020	0.020	0.066		1	ug/L		05/24/05	SW846 3510C	8270C-SIM
Chrysene	< 0.017	0.017	0.056		1	ug/L		05/24/05	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	< 0.022	0.022	0.075		1	ug/L		05/24/05	SW846 3510C	8270C-SIM
Fluoranthene	< 0.017	0.017	0.056		1	ug/L		05/24/05	SW846 3510C	8270C-SIM
Fluorene	< 0.022	0.022	0.074		1	ug/L		05/24/05	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	< 0.017	0.017	0.058		1	ug/L		05/24/05	SW846 3510C	8270C-SIM
Naphthalene	0.31	0.023	0.076		1	ug/L		05/24/05	SW846 3510C	8270C-SIM
Phenanthrene	< 0.021	0.021	0.069		1	ug/L		05/24/05	SW846 3510C	8270C-SIM
Pyrene	< 0.017	0.017	0.055		1	ug/L		05/24/05	SW846 3510C	8270C-SIM
Nitrobenzene-d5	69				1	%Recov		05/24/05	SW846 3510C	8270C-SIM
2-Fluorobiphenyl	50				1	%Recov		05/24/05	SW846 3510C	8270C-SIM
Terphenyl-d14	80				1	%Recov		05/24/05	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

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

Analytical Report Number: 859587

Client : NATURAL RESOURCE TECHNOLOGY
Project Name : WPSC - CAMP MARINA
Project Number : 1313
Field ID : MW-709R

Matrix Type : GROUNDWATER
Collection Date : 05/19/05
Report Date : 06/07/05
Lab Sample Number : 859587-009

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Cyanide, Weak & Dissociable	0.0037	0.0025	0.0082		1	mg/L	Q	06/02/05	SM 4500CN	SM 4500CN
Nitrogen, NO3 + NO2	0.094	0.061	0.20		1	mg/L	Q	05/23/05	EPA 353.2	EPA 353.2
Sulfate	260	8.3	28		10	mg/L		06/06/05	EPA 300.0	EPA 300.0

BTEX

Prep Date: 05/25/05

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Benzene	<	0.14	0.14	0.46		1	ug/L		05/25/05	SW846 5030B	SW846 M8021
Ethylbenzene	<	0.40	0.40	1.3		1	ug/L		05/25/05	SW846 5030B	SW846 M8021
Toluene	<	0.36	0.36	1.2		1	ug/L		05/25/05	SW846 5030B	SW846 M8021
Xylene, o	<	0.36	0.36	1.2		1	ug/L		05/25/05	SW846 5030B	SW846 M8021
Xylenes, m + p	<	0.74	0.74	2.5		1	ug/L		05/25/05	SW846 5030B	SW846 M8021
a,a,a-Trifluorotoluene		103				1	%Recov		05/25/05	SW846 5030B	SW846 M8021

METHANE

Prep Date:

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methane	190			20	2	ug/L		06/01/05	SW846 M8015	SW846 M8015

PAH/ PNA

Prep Date: 05/24/05

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		05/24/05	SW846 3510C	8270C-SIM
2-Methylnaphthalene	<	0.023	0.023	0.076		1	ug/L		05/24/05	SW846 3510C	8270C-SIM
Acenaphthene	<	0.019	0.019	0.065		1	ug/L		05/24/05	SW846 3510C	8270C-SIM
Acenaphthylene	<	0.019	0.019	0.064		1	ug/L		05/24/05	SW846 3510C	8270C-SIM
Anthracene	<	0.018	0.018	0.059		1	ug/L		05/24/05	SW846 3510C	8270C-SIM
Benzo(a)anthracene	<	0.020	0.020	0.065		1	ug/L		05/24/05	SW846 3510C	8270C-SIM
Benzo(a)pyrene	<	0.018	0.018	0.060		1	ug/L		05/24/05	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	<	0.018	0.018	0.060		1	ug/L		05/24/05	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	<	0.021	0.021	0.069		1	ug/L		05/24/05	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	<	0.019	0.019	0.064		1	ug/L		05/24/05	SW846 3510C	8270C-SIM
Chrysene	<	0.016	0.016	0.055		1	ug/L		05/24/05	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	<	0.022	0.022	0.073		1	ug/L		05/24/05	SW846 3510C	8270C-SIM
Fluoranthene	<	0.016	0.016	0.055		1	ug/L		05/24/05	SW846 3510C	8270C-SIM
Fluorene	<	0.022	0.022	0.073		1	ug/L		05/24/05	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	<	0.017	0.017	0.057		1	ug/L		05/24/05	SW846 3510C	8270C-SIM
Naphthalene		0.084	0.022	0.075		1	ug/L		05/24/05	SW846 3510C	8270C-SIM
Phenanthrene	<	0.020	0.020	0.068		1	ug/L		05/24/05	SW846 3510C	8270C-SIM
Pyrene	<	0.016	0.016	0.054		1	ug/L		05/24/05	SW846 3510C	8270C-SIM
Nitrobenzene-d5		98				1	%Recov		05/24/05	SW846 3510C	8270C-SIM
2-Fluorobiphenyl		73				1	%Recov		05/24/05	SW846 3510C	8270C-SIM
Terphenyl-d14		82				1	%Recov		05/24/05	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

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

Analytical Report Number: 859587

Client : NATURAL RESOURCE TECHNOLOGY
Project Name : WPSC - CAMP MARINA
Project Number : 1313
Field ID : BW-6

Matrix Type : GROUNDWATER
Collection Date : 05/19/05
Report Date : 06/07/05
Lab Sample Number : 859587-010

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Cyanide, Weak & Dissociable	0.0030	0.0025	0.0082		1	mg/L	QN*	06/02/05	SM 4500CN	SM 4500CN
Nitrogen, NO3 + NO2	0.23	0.061	0.20		1	mg/L		05/23/05	EPA 353.2	EPA 353.2
Sulfate	39	4.2	14		5	mg/L		06/06/05	EPA 300.0	EPA 300.0

BTEX

Prep Date: 05/25/05

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Benzene	<	0.14	0.14	0.46		1	ug/L		05/25/05	SW846 5030B	SW846 M8021
Ethylbenzene	<	0.40	0.40	1.3		1	ug/L		05/25/05	SW846 5030B	SW846 M8021
Toluene	<	0.36	0.36	1.2		1	ug/L		05/25/05	SW846 5030B	SW846 M8021
Xylene, o	<	0.36	0.36	1.2		1	ug/L		05/25/05	SW846 5030B	SW846 M8021
Xylenes, m + p	<	0.74	0.74	2.5		1	ug/L		05/25/05	SW846 5030B	SW846 M8021
a,a,a-Trifluorotoluene		103				1	%Recov		05/25/05	SW846 5030B	SW846 M8021

METHANE

Prep Date:

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methane	<	10			10	1	ug/L		06/01/05	SW846 M8015	SW846 M8015

PAH/ PNA

Prep Date: 05/24/05

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1-Methylnaphthalene	<	0.020	0.020	0.067		1	ug/L		05/26/05	SW846 3510C	8270C-SIM
2-Methylnaphthalene	<	0.023	0.023	0.076		1	ug/L		05/26/05	SW846 3510C	8270C-SIM
Acenaphthene	<	0.20	0.20	0.65		10	ug/L	DX	05/25/05	SW846 3510C	8270C-SIM
Acenaphthylene	<	0.20	0.20	0.65		10	ug/L	DX	05/25/05	SW846 3510C	8270C-SIM
Anthracene		0.025	0.018	0.059		1	ug/L	Q	05/26/05	SW846 3510C	8270C-SIM
Benzo(a)anthracene		0.045	0.020	0.066		1	ug/L	Q	05/26/05	SW846 3510C	8270C-SIM
Benzo(a)pyrene		0.091	0.018	0.061		1	ug/L		05/26/05	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene		0.047	0.018	0.060		1	ug/L	Q	05/26/05	SW846 3510C	8270C-SIM
Benzo(ghi)perylene		0.083	0.021	0.069		1	ug/L		05/26/05	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene		0.053	0.019	0.065		1	ug/L	Q	05/26/05	SW846 3510C	8270C-SIM
Chrysene		0.048	0.017	0.055		1	ug/L	Q	05/26/05	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	<	0.022	0.022	0.074		1	ug/L		05/26/05	SW846 3510C	8270C-SIM
Fluoranthene		0.037	0.017	0.055		1	ug/L	Q	05/26/05	SW846 3510C	8270C-SIM
Fluorene	<	0.22	0.22	0.73		10	ug/L	DX	05/25/05	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene		0.048	0.017	0.057		1	ug/L	Q	05/26/05	SW846 3510C	8270C-SIM
Naphthalene		0.036	0.023	0.075		1	ug/L	Q	05/26/05	SW846 3510C	8270C-SIM
Phenanthrene		0.024	0.021	0.069		1	ug/L	Q	05/26/05	SW846 3510C	8270C-SIM
Pyrene		0.066	0.016	0.055		1	ug/L		05/26/05	SW846 3510C	8270C-SIM
Nitrobenzene-d5		65				1	%Recov		05/26/05	SW846 3510C	8270C-SIM
2-Fluorobiphenyl		0.0				10	%Recov	DX	05/25/05	SW846 3510C	8270C-SIM
Terphenyl-d14		81				1	%Recov		05/26/05	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

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

Analytical Report Number: 859587

Client : NATURAL RESOURCE TECHNOLOGY
Project Name : WPSC - CAMP MARINA
Project Number : 1313
Field ID : BW-15

Matrix Type : GROUNDWATER
Collection Date : 05/19/05
Report Date : 06/07/05
Lab Sample Number : 859587-011

INORGANICS

Test		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Cyanide, Weak & Dissociable		0.0045	0.0025	0.0082		1	mg/L	Q	06/02/05	SM 4500CN	SM 4500CN
Nitrogen, NO3 + NO2	<	0.061	0.061	0.20		1	mg/L		05/23/05	EPA 353.2	EPA 353.2
Sulfate		72	4.2	14		5	mg/L		06/06/05	EPA 300.0	EPA 300.0

BTEX

Prep Date: 05/24/05

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Benzene		1400	1.4	4.6		10	ug/L		05/24/05	SW846 5030B	SW846 M8021
Ethylbenzene		670	4.0	13		10	ug/L		05/24/05	SW846 5030B	SW846 M8021
Toluene		10	3.6	12		10	ug/L	Q	05/24/05	SW846 5030B	SW846 M8021
Xylene, o		130	3.6	12		10	ug/L		05/24/05	SW846 5030B	SW846 M8021
Xylenes, m + p		14	7.4	25		10	ug/L	Q	05/24/05	SW846 5030B	SW846 M8021
a,a,a-Trifluorotoluene		103				1	%Recov		05/24/05	SW846 5030B	SW846 M8021

METHANE

Prep Date:

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methane		4900			500	50	ug/L		06/01/05	SW846 M8015	SW846 M8015

PAH/ PNA

Prep Date: 05/24/05

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
1-Methylnaphthalene		110	8.0	27		400	ug/L	D	05/26/05	SW846 3510C	8270C-SIM
2-Methylnaphthalene	<	0.45	0.45	1.5		20	ug/L		05/25/05	SW846 3510C	8270C-SIM
Acenaphthene		38	7.8	26		400	ug/L	D	05/26/05	SW846 3510C	8270C-SIM
Acenaphthylene		0.99	0.39	1.3		20	ug/L	Q	05/25/05	SW846 3510C	8270C-SIM
Anthracene		0.36	0.35	1.2		20	ug/L	Q	05/25/05	SW846 3510C	8270C-SIM
Benzo(a)anthracene	<	0.39	0.39	1.3		20	ug/L		05/25/05	SW846 3510C	8270C-SIM
Benzo(a)pyrene	<	0.36	0.36	1.2		20	ug/L		05/25/05	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	<	0.36	0.36	1.2		20	ug/L		05/25/05	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	<	0.41	0.41	1.4		20	ug/L		05/25/05	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	<	0.39	0.39	1.3		20	ug/L		05/25/05	SW846 3510C	8270C-SIM
Chrysene	<	0.33	0.33	1.1		20	ug/L		05/25/05	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	<	0.44	0.44	1.5		20	ug/L		05/25/05	SW846 3510C	8270C-SIM
Fluoranthene	<	0.33	0.33	1.1		20	ug/L		05/25/05	SW846 3510C	8270C-SIM
Fluorene		6.1	0.44	1.5		20	ug/L		05/25/05	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	<	0.34	0.34	1.1		20	ug/L		05/25/05	SW846 3510C	8270C-SIM
Naphthalene		130	8.9	30		400	ug/L	D	05/26/05	SW846 3510C	8270C-SIM
Phenanthrene		2.2	0.41	1.4		20	ug/L		05/25/05	SW846 3510C	8270C-SIM
Pyrene	<	0.33	0.33	1.1		20	ug/L		05/25/05	SW846 3510C	8270C-SIM
Nitrobenzene-d5		0				20	%Recov	D	05/25/05	SW846 3510C	8270C-SIM
2-Fluorobiphenyl		0				20	%Recov	D	05/25/05	SW846 3510C	8270C-SIM
Terphenyl-d14		0				20	%Recov	D	05/25/05	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

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

Analytical Report Number: 859587

Client : NATURAL RESOURCE TECHNOLOGY
Project Name : WPSC - CAMP MARINA
Project Number : 1313
Field ID : QC-1

Matrix Type : GROUNDWATER
Collection Date : 05/19/05
Report Date : 06/07/05
Lab Sample Number : 859587-012

INORGANICS

Test		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Cyanide, Weak & Dissociable		0.0052	0.0025	0.0082		1	mg/L	QN	06/02/05	SM 4500CN	SM 4500CN
Nitrogen, NO3 + NO2	<	0.061	0.061	0.20		1	mg/L		05/23/05	EPA 353.2	EPA 353.2
Sulfate		290	8.3	28		10	mg/L		06/06/05	EPA 300.0	EPA 300.0

BTEX

Prep Date: 05/24/05

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Benzene	<	0.14	0.14	0.46		1	ug/L		05/24/05	SW846 5030B	SW846 M8021
Ethylbenzene	<	0.40	0.40	1.3		1	ug/L		05/24/05	SW846 5030B	SW846 M8021
Toluene	<	0.36	0.36	1.2		1	ug/L		05/24/05	SW846 5030B	SW846 M8021
Xylene, o	<	0.36	0.36	1.2		1	ug/L		05/24/05	SW846 5030B	SW846 M8021
Xylenes, m + p	<	0.74	0.74	2.5		1	ug/L		05/24/05	SW846 5030B	SW846 M8021
a,a,a-Trifluorotoluene		103				1	%Recov		05/24/05	SW846 5030B	SW846 M8021

METHANE

Prep Date:

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Methane	240			25	2.5	ug/L		06/01/05	SW846 M8015	SW846 M8015

PAH/ PNA

Prep Date: 05/24/05

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		05/24/05	SW846 3510C	8270C-SIM
2-Methylnaphthalene	<	0.023	0.023	0.076		1	ug/L		05/24/05	SW846 3510C	8270C-SIM
Acenaphthene	<	0.019	0.019	0.065		1	ug/L		05/24/05	SW846 3510C	8270C-SIM
Acenaphthylene	<	0.019	0.019	0.064		1	ug/L		05/24/05	SW846 3510C	8270C-SIM
Anthracene	<	0.018	0.018	0.059		1	ug/L		05/24/05	SW846 3510C	8270C-SIM
Benzo(a)anthracene	<	0.020	0.020	0.065		1	ug/L		05/24/05	SW846 3510C	8270C-SIM
Benzo(a)pyrene	<	0.018	0.018	0.060		1	ug/L		05/24/05	SW846 3510C	8270C-SIM
Benzo(b)fluoranthene	<	0.018	0.018	0.060		1	ug/L		05/24/05	SW846 3510C	8270C-SIM
Benzo(ghi)perylene	<	0.021	0.021	0.069		1	ug/L		05/24/05	SW846 3510C	8270C-SIM
Benzo(k)fluoranthene	<	0.019	0.019	0.064		1	ug/L		05/24/05	SW846 3510C	8270C-SIM
Chrysene	<	0.016	0.016	0.055		1	ug/L		05/24/05	SW846 3510C	8270C-SIM
Dibenz(a,h)anthracene	<	0.022	0.022	0.073		1	ug/L		05/24/05	SW846 3510C	8270C-SIM
Fluoranthene	<	0.016	0.016	0.055		1	ug/L		05/24/05	SW846 3510C	8270C-SIM
Fluorene	<	0.022	0.022	0.073		1	ug/L		05/24/05	SW846 3510C	8270C-SIM
Indeno(1,2,3-cd)pyrene	<	0.017	0.017	0.057		1	ug/L		05/24/05	SW846 3510C	8270C-SIM
Naphthalene		0.027	0.022	0.075		1	ug/L	Q	05/24/05	SW846 3510C	8270C-SIM
Phenanthrene	<	0.020	0.020	0.068		1	ug/L		05/24/05	SW846 3510C	8270C-SIM
Pyrene	<	0.016	0.016	0.054		1	ug/L		05/24/05	SW846 3510C	8270C-SIM
Nitrobenzene-d5		90				1	%Recov		05/24/05	SW846 3510C	8270C-SIM
2-Fluorobiphenyl		69				1	%Recov		05/24/05	SW846 3510C	8270C-SIM
Terphenyl-d14		79				1	%Recov		05/24/05	SW846 3510C	8270C-SIM

Pace Analytical Services, Inc.

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

Analytical Report Number: 859587

Client : NATURAL RESOURCE TECHNOLOGY
Project Name : WPSC - CAMP MARINA
Project Number : 1313
Field ID : TRIP BLANK

Matrix Type : WATER
Collection Date : 05/19/05
Report Date : 06/07/05
Lab Sample Number : 859587-013

BTEX **Prep Date:** 05/24/05

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Benzene	<	0.14	0.14	0.46		1	ug/L		05/24/05	SW846 5030B	SW846 M8021
Ethylbenzene	<	0.40	0.40	1.3		1	ug/L		05/24/05	SW846 5030B	SW846 M8021
Toluene	<	0.36	0.36	1.2		1	ug/L		05/24/05	SW846 5030B	SW846 M8021
Xylene, o	<	0.36	0.36	1.2		1	ug/L		05/24/05	SW846 5030B	SW846 M8021
Xylenes, m + p	<	0.74	0.74	2.5		1	ug/L		05/24/05	SW846 5030B	SW846 M8021
a,a,a-Trifluorotoluene		102				1	%Recov		05/24/05	SW846 5030B	SW846 M8021

Pace Analytical Services, Inc.

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

Lab Number	TestGroupID	Field ID	Comment
859587-010	PAH+-W	BW-6	X - A coelution with a internal standard caused some compounds to have to be reported from a higher dilution.

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.

Pace Analytical Services, Inc.

Analysis Summary by Laboratory

1241 Bellevue Street
Green Bay, WI 54302

Test Group Name	859587-001	859587-002	859587-003	859587-004	859587-005	859587-006	859587-007	859587-008	859587-009	859587-010	859587-011	859587-012	859587-013
BTEX	G	G	G	G	G	G	G	G	G	G	G	G	G
CYANIDE, WEAK & DISSOCIABLE	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	
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

En Chem, Inc. Cooler Receipt Log

Batch No. 859587

Project Name or ID WPSC-Camp Marina No. of Coolers: 1 Temps: R01

A. Receipt Phase: Date cooler was opened: 5-20-05 **By:** AB

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: 5-20-05 **By:** AB

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.. *(This statement does not apply to water: VOC, O&G, TOC, DRO, Total Rec. Phenolics)*	YES	NO	NA
5: Do samples have correct chemical preservation? *(This statement does not apply to water: VOC, O&G, TOC, DRO, Total Rec. Phenolics)*	YES	NO[2]	NA
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. SF	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 TOT 5/23/05

(Please Print Legibly)

Company Name: NATURAL RESOURCE TECHNOLOGY
Branch or Location: PEWAUKEE
Project Contact: CHRIS ROBB
Telephone: 262-523-9000
Project Number: 1313
Project Name: WPSC - CAMP MARINA
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. 131474

Page 1 of
Quote #:
Mail Report To: CHRIS ROBB
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

FILTERED? (YES/NO)
PRESERVATION (CODE)*

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 8021A	PAHS	Dissolved Cyanide	Methane	Nitrate & Nitrite & Nitrogen	Sulfate			TOTAL # OF BOTTLES SENT	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)
001	PZ-701	5-19-05	1100	GW	X	X	X	X	X	X				1-1L amber^A, 3-250ml^ACG, 6-40ml^B	
002	MW-701R		1050		X	X	X	X	X	X					
003	PZ-702		1000		X	X	X	X	X	X					
004	MW-706		1020		X	X	X	X	X	X					
005	PZ-703		0935		X	X	X	X	X	X					
006	MW-707R		0930		X	X	X	X	X	X					
007	MW-705		1230		X	X	X	X	X	X					
008	MW-708		1200		X	X	X	X	X	X					
009	MW-709R		1030		X	X	X	X	X	X					
010	BW-6		1300		X	X	X	X	X	X					
011	BW-15		1315		X	X	X	X	X	X					
012	QC-1	5-19-05	—	GW	X	X	X	X	X	X				5-20-05 AB	
013 Trip Blank														Added to COC by lab 2-40ml^B	

Rush Turnaround Time Requested (TAT) - (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:
[signature]	5-20-05	Bill Noltemeyer	5/20/05 1000
Bill Noltemeyer	5/20/05 1200	Hague	5-20-05 1200
Hague	5-20-05 1415	Ashley Busky	5-20-05 1415

En Chem Project No. ~~8595~~ 859587
Sample Receipt Temp: ROI
Sample Receipt pH (Wet/Metals): OK
Cooler Custody Seal
Present / Not Present (circled: Not Present)
Intact / Not Intact

APPENDIX C

FIELD FORMS

FIELD NOTE SUMMARY

Project Number	1313 Task 5.0
Project Name	WPSC Campmarina, Sheboygan WI

Date/Time Onsite/ Time Offsite: May 19, 2005, 9:00 to 1:00 PM

Work Scope: Annual Containment System Condition Inspection

NRT Representatives: Christopher A. Robb

Weather: 40'S (°F) & RAIN

Equipment: Water Level Indicator

Field Comments:

1. Monitoring Wells and Cleanouts: Surface covers for the monitoring wells, cleanouts and biosparge wells that were visible on the surface appeared to be intact and in good condition. The surface cover for BW-18 needs to be replaced; requires welding on a new frame for the cover. The surface cover for the interior cleanout southwest of MW-705 is missing one bolt.
2. Biosparge System and Building: Biosparge building exterior and interior appeared to be in good condition. The concrete walkway, east of the biosparge building is scheduled for replacement and has been removed. The system was not operating at the time of the inspection; however, the system has been operating normally. BW-06 was inspected for indications of biofouling – none were identified.
3. Riverwalk Conditions: No cracking was noted in the concrete or asphalt walkways or stairs. Cracking was observed in the riverwalk overlook concrete wall along the river.
4. Cover Stability: The cover above the geosynthetic cap has remained stable and has not shown any problems due to erosion or instability. There were no indications of cracking, sloughing or erosion. Steep slopes within the Center Avenue Right-of-Way showed no indication of instability.
5. Riverbank Stability: Riprap and concreter river walk along the riverbank appeared to be in good condition. Several small areas of the riverbank could use some additional rip rap. Toe stones for the riprap showed no indications of erosion or damage. Non-woven geotextile used for stabilization of filter gravel for the riprap remains noticeably exposed at several locations along the top of the riverbank

6. Surface Water Drainage: No drainage was noted to the river from the exterior perimeter drainage system for the cover. A small area of ponded surface water (~ 4 x 8 ft.) was observed in the surface water drainage swale south of the biosparge building; however, it had been raining steadily for an extended period of time and no areas of ponding water were observed during previous inspections. Wood chips in the playground area were noticeably spongy and underlying wood chips a few inches below grade were noticeably moist. No free water was evident and this condition may be more related to the ability of the wood chips to retain moisture for extended periods of time then drainage related problems for the cover. No unusual or MGP related odors were identified within the wood chips.
7. Interior and Exterior Drainage Conditions: The exterior drainage system appeared to be in good condition. The interior drainage system has varying thickness of silt accumulated. On-half inch of silt was observed in the south-east interior drainage cleanout (located on the hill), one inch of silt was observed in the south interior drainage cleanout and the west-central interior drainage cleanout was silted to the top. No evidence of water was observed in the cleanouts. A breach in the riser pipe for the interior drainage cleanout is a likely candidate for a source of accumulated silt.
8. Summary Conditions: Overall, the site appeared in good condition. No surface erosion is evident. Grass or pavement covers the entire site. Park structures are also in good condition with no indication of settling or cracking with the exception of the overlook concrete wall as noted above. No settling of the cover was evident. A minor area of ponded surface water was observed that was likely associated with the rain. Riprap appeared to be in good condition along the river with the exception of a few small areas where the rip rap could be touched up. The interior drainage system may require jetting and clean out.

SIGNATURE: Chris A. Robb DATE: May 19, 2005

Christopher A. Robb

OPERATIONS LOG

Site Name: Campmarina / Worker's Water Steet Park
Project/Task Number: 1313/4.3
Site Location: 732 Water Street, Sheboygan, WI

Operator: Jess Wunsch
Date of Site Visit: 11-15-04
Arrival Time: 14:00
Departure Time: 14:25

Is System operating upon arrival? YES upon departure YES
If no, which alarm is signalled? _____

BIOSPARGE COMPRESSOR

Compressor Temperature: 115 deg. F.
Compressor Outlet Pressure: Zone 1 3.5 psi; Zone 2 5.0 psi; Zone 3 6.0 psi
Compressor Bleed Pressure: Zone 1 3.5 psi; Zone 2 5.0 psi; Zone 3 6.0 psi

Air Bleed valve status: (~~Closed~~ / Partially open / ~~Full open~~)
Air Outlet valve status: (~~Closed~~ / ~~Partially open~~ / Full open)

COMPRESSOR OVERVIEW

Cumulative Run Hours: Valve 1 650.9 hours; Valve 2 644.4 hours; Valve 3 637.6 hours; Compressor: 933.1 hours

GENERAL MAINTENANCE

Electric Meter reading: 26182 Kw-hrs
Check Operation of Heaters/Fans: Good
Noticable Odors Outside Building: None

NOTES: Turned Biosparge Compressors Off
ATTENTION - HEATHER SIMON At Control Panel.

HDPE SUMP

Water Level: 23 in. (Depth in Inches)
High Level Float Switch Setting: (~~Full Depth~~ / Raised ONE ft)
Slice Gate Valve Setting: (~~Closed~~ / ~~Partially open~~ / Full open)
Noticable Odor: (~~Yes~~ / No)

BIOSPARGE WELLS

Operation Zone	Well #	Valve Status (O,P,C)	Pressure (psi) In Building
Zone 1	BW-03	OPEN	2.75
Zone 1	BW-06		3.0
Zone 1	BW-09	~~CLOSED~~	3.25
Zone 1	BW-12		3.75
Zone 1	BW-15		4.0
Zone 1	BW-18		3.75
Zone 2	BW-02		4.75
Zone 2	BW-05		5.0
Zone 2	BW-08		5.0
Zone 2	BW-11		5.0
Zone 2	BW-14		5.0
Zone 2	BW-17		5.0
[illegible]	[illegible]		6.0
[illegible]	[illegible]		6.0
[illegible]	[illegible]		6.0
[illegible]	[illegible]		6.0
[illegible]	[illegible]		6.0
[illegible]	[illegible]		6.0

OPERATIONS LOG

Site Name: Campmarina / Worker's Water Steet Park
Project/Task Number: 1313/4.3
Site Location: 732 Water Street, Sheboygan, WI

Operator: JEFF WUNSCH
Date of Site Visit: 12-9-04
Arrival Time: 0820
Departure Time: 0920

Is System operating upon arrival? YES upon departure YES
If no, which alarm is signalled? _____

BIOSPARGE COMPRESSOR

Compressor Temperature: 116 deg. F.
Compressor Outlet Pressure: Zone 1 4.0 psi; Zone 2 5.0 psi; Zone 3 6.0 psi
Compressor Bleed Pressure: Zone 1 4.0 psi; Zone 2 5.0 psi; Zone 3 6.0 psi

Air Bleed valve status: (~~Closed~~ / Partially open / ~~Full open~~)
Air Outlet valve status: (~~Closed~~ / ~~Partially open~~ / Full open)

COMPRESSOR OVERVIEW

Cumulative Run Hours: Valve 1 717.5 hours; Valve 2 711.0 hours; Valve 3 704.2 hours; Compressor: 132.9 hours

GENERAL MAINTENANCE

Electric Meter reading: 27422 Kw-hrs
Check Operation of Heaters/Fans: GOOD
Noticable Odors Outside Building: NONE

NOTES: CLEANED FILTERS
ATTENTION - HEATHER SIMON

HDPE SUMP

Water Level: 23 in. (Depth in Inches)
High Level Float Switch Setting: (~~Full Depth~~ / Raised ONE ft)
Slice Gate Valve Setting: (~~Closed~~ / ~~Partially open~~ / Full open)
Noticable Odor: (~~YES~~ / No)

BIOSPARGE WELLS

Operation Zone	Well #	Valve Status (O,P,C)	Pressure (psi) In Building
Zone 1	BW-03	OPEN	3.5
Zone 1	BW-06		4.0
Zone 1	BW-09		4.0
Zone 1	BW-12		4.5
Zone 1	BW-15		4.5
Zone 1	BW-18		4.5
Zone 2	BW-02		5.0
Zone 2	BW-05		5.0
Zone 2	BW-08		5.0
Zone 2	BW-11		5.0
Zone 2	BW-14		5.0
Zone 2	BW-17		5.0
[illegible]	[illegible]		6.0
[illegible]	[illegible]		6.0
[illegible]	[illegible]		6.0
[illegible]	[illegible]		6.5
[illegible]	[illegible]		6.0
[illegible]	[illegible]		6.0

OPERATIONS LOG

Site Name: Campmarina / Worker's Water Steet Park
Project/Task Number: 1313/4.3
Site Location: 732 Water Street, Sheboygan, WI

Operator: Jeff Wunsch
Date of Site Visit: 1-17-05
Arrival Time: 12:20
Departure Time: 12:55

Is System operating upon arrival? YES upon departure YES
If no, which alarm is signalled? _____

BIOSPARGE COMPRESSOR

Compressor Temperature: 110° deg. F.

Compressor Outlet Pressure:	Zone 1	4.0 psi
	Zone 2	5.0 psi
	Zone 3	6.0 psi
Compressor Bleed Pressure:	Zone 1	4.0 psi
	Zone 2	5.0 psi
	Zone 3	6.0 psi

Air Bleed valve status: (~~Closed~~ / Partially open / ~~Full open~~)
Air Outlet valve status: (~~Closed~~ / ~~Partially open~~ / Full open)

COMPRESSOR OVERVIEW

Cumulative Run Hours:	Valve 1	773.1 hours
	Valve 2	766.4 hours
	Valve 3	759.4 hours
	Compressor:	299.1 hours

GENERAL MAINTENANCE

Electric Meter reading: 29493 Kw-hrs
Check Operation of Heaters/Fans: Good
Noticable Odors Outside Building: NONE

NOTES: _____
ATTENTION - HEATHER SIMON

HDPE SUMP

Water Level: 21 in. (Depth in Inches)
High Level Float Switch Setting: (~~Full Depth~~ / Raised 1 ft)
Slice Gate Valve Setting: (~~Closed~~ / ~~Partially open~~ / Full open)
Noticable Odor: (~~Yes~~ / No)

BIOSPARGE WELLS

Operation Zone	Well #	Valve Status (O,P,C)	Pressure (psi) In Building
Zone 1	BW-03	OPEN	3.0
Zone 1	BW-06		3.0
Zone 1	BW-09	~~CLOSED~~	3.0
Zone 1	BW-12		3.75
Zone 1	BW-15		4.0
Zone 1	BW-18		3.75
Zone 2	BW-02		5.0
Zone 2	BW-05		5.0
Zone 2	BW-08		5.0
Zone 2	BW-11		5.0
Zone 2	BW-14		5.0
Zone 2	BW-17		5.0
Zone 3	BW-01		6.0
Zone 3	BW-04		5.5
Zone 3	BW-07		6.0
Zone 3	BW-10		6.0
Zone 3	BW-13		6.0
Zone 3	BW-16		6.0

OPERATIONS LOG

Site Name: Campmarina / Worker's Water Steet Park
Project/Task Number: 1313/4.3
Site Location: 732 Water Street, Sheboygan, WI

Operator: Jeff Wunsch
Date of Site Visit: 2-15-05
Arrival Time: 13:30
Departure Time: 14:05

Is System operating upon arrival? YES upon departure YES
If no, which alarm is signalled? _____

BIOSPARGE COMPRESSOR

Compressor Temperature: 114 deg. F.
Compressor Outlet Pressure: Zone 1 3,5 psi; Zone 2 5,0 psi; Zone 3 6,0 psi
Compressor Bleed Pressure: Zone 1 3,5 psi; Zone 2 5,0 psi; Zone 3 6,0 psi

Air Bleed valve status: (~~Closed~~ / Partially open / ~~Full open~~)
Air Outlet valve status: (~~Closed~~ / ~~Partially open~~ / Full open)

COMPRESSOR OVERVIEW

Cumulative Run Hours: Valve 1 813,8 hours; Valve 2 806,6 hours; Valve 3 799,7 hours; Compressor: 420,3 hours

GENERAL MAINTENANCE

Electric Meter reading: 30925 Kw-hrs
Check Operation of Heaters/Fans: GOOD
Noticable Odors Outside Building: NONE

NOTES: _____

ATTENTION - HEATHER SIMON

HDPE SUMP

Water Level: 30 in. (Depth in Inches)
High Level Float Switch Setting: (~~Full Depth~~ / Raised 1 ft)
Slice Gate Valve Setting: (~~Closed~~ / ~~Partially open~~ / Full open)
Noticable Odor: (~~Yes~~ / No)

BIOSPARGE WELLS

Operation Zone	Well #	Valve Status (O,P,C)	Pressure (psi) In Building
Zone 1	BW-03	OPEN	3,0
Zone 1	BW-06		3,5
Zone 1	BW-09		3,5
Zone 1	BW-12		4,0
Zone 1	BW-15		4,25
Zone 1	BW-18		4,0
Zone 2	BW-02		5,0
Zone 2	BW-05		5,0
Zone 2	BW-08		5,25
Zone 2	BW-11		5,0
Zone 2	BW-14		5,0
Zone 2	BW-17		5,0
Zone 3	BW-01		6,0
Zone 3	BW-04		6,0
Zone 3	BW-07		6,0
Zone 3	BW-10		6,0
Zone 3	BW-13		6,0
Zone 3	BW-16		6,0

OPERATIONS LOG

Site Name: Campmarina / Worker's Water Steet Park
Project/Task Number: 1313/4.3
Site Location: 732 Water Street, Sheboygan, WI

Operator: Jeff Jonsen
Date of Site Visit: 3-14-05
Arrival Time: 12:25
Departure Time: 13:05

Is System operating upon arrival? YES upon departure YES
If no, which alarm is signalled? _____

BIOSPARGE COMPRESSOR

Compressor Temperature: 118 deg. F.
Compressor Outlet Pressure: Zone 1 3.75 psi; Zone 2 5.0 psi; Zone 3 5.75 psi
Compressor Bleed Pressure: Zone 1 3.75 psi; Zone 2 5.0 psi; Zone 3 5.75 psi

Air Bleed valve status: ~~(Closed~~ / Partially open / ~~Full open)~~
Air Outlet valve status: ~~(Closed / Partially open~~ / Full open)

COMPRESSOR OVERVIEW

Cumulative Run Hours: Valve 1 852.3 hours; Valve 2 844.8 hours; Valve 3 837.9 hours; Compressor: 535.7 hours

GENERAL MAINTENANCE

Electric Meter reading: 32216 Kw-hrs
Check Operation of Heaters/Fans: Good
Noticable Odors Outside Building: None

NOTES: _____

ATTENTION - HEATHER SIMON

HDPE SUMP

Water Level: 23 in. (Depth in Inches)
High Level Float Switch Setting: (~~Full Depth~~ / Raised ONE ft)
Slice Gate Valve Setting: (~~Closed~~ / ~~Partially open~~ / Full open)
Noticable Odor: (~~Yes~~ / No)

BIOSPARGE WELLS

Operation Zone	Well #	Valve Status (O,P,C)	Pressure (psi) In Building
Zone 1	BW-03	OPEN	2.75
Zone 1	BW-06		3.0
Zone 1	BW-09		3.0
Zone 1	BW-12		3.75
Zone 1	BW-15		3.75
Zone 1	BW-18		3.75
Zone 2	BW-02		5.0
Zone 2	BW-05		5.0
Zone 2	BW-08		5.25
Zone 2	BW-11		5.0
Zone 2	BW-14		5.0
Zone 2	BW-17		5.0
Zone 3	BW-01		6.0
Zone 3	BW-04		5.5
Zone 3	BW-07		5.75
Zone 3	BW-10		6.0
Zone 3	BW-13		5.75
Zone 3	BW-16		6.0

OPERATIONS LOG

Site Name: Campmarina / Worker's Water Steet Park
Project/Task Number: 1313/4.3
Site Location: 732 Water Street, Sheboygan, WI

Operator: Jess Wunsch
Date of Site Visit: 4-20-05
Arrival Time: 9:50
Departure Time: 10:30

Is System operating upon arrival? YES upon departure YES
If no, which alarm is signalled? _____

BIOSPARGE COMPRESSOR

Compressor Temperature: 116 deg. F.
Compressor Outlet Pressure: Zone 1 3,0 psi; Zone 2 5,0 psi; Zone 3 ~~5,0~~ 6 psi
Compressor Bleed Pressure: Zone 1 3,0 psi; Zone 2 5,0 psi; Zone 3 6,0 psi

Air Bleed valve status: (~~Closed~~ / Partially open / ~~Full open~~)
Air Outlet valve status: (~~Closed / Partially open~~ / Full open)

COMPRESSOR OVERVIEW

Cumulative Run Hours: Valve 1 904,4 hours; Valve 2 896,9 hours; Valve 3 890,4 hours; Compressor: 692,0 hours

GENERAL MAINTENANCE

Electric Meter reading: 33440 Kw-hrs
Check Operation of Heaters/Fans: Good
Noticable Odors Outside Building: NONE

NOTES: _____
ATTENTION - HEATHER SIMON

HDPE SUMP

Water Level: 22,5 in. (Depth in Inches)
High Level Float Switch Setting: (~~Full Depth~~ / Raised ONE ft)
Slice Gate Valve Setting: (~~Closed / Partially open~~ / Full open)
Noticable Odor: (~~Yes~~ / No)

BIOSPARGE WELLS

Operation Zone	Well #	Valve Status (O,P,C)	Pressure (psi) In Building
Zone 1	BW-03	OPEN	~~3,0~~ 2,5
Zone 1	BW-06		3,0
Zone 1	BW-09		3,0
Zone 1	BW-12		3,5
Zone 1	BW-15		3,5
Zone 1	BW-18		3,5
Zone 2	BW-02		5,0
Zone 2	BW-05		5,25
Zone 2	BW-08		5,25
Zone 2	BW-11		5,0
Zone 2	BW-14		5,0
Zone 2	BW-17		5,0
Zone 3	BW-01		6,0
Zone 3	BW-04		5,5
Zone 3	BW-07		5,75
Zone 3	BW-10		6,0
Zone 3	BW-13		6,0
Zone 3	BW-16		6,0

OPERATIONS LOG

Site Name: Campmarina / Worker's Water Steet Park
Project/Task Number: 1313/4.3
Site Location: 732 Water Street, Sheboygan, WI

Operator: JEFF WUNSCH
Date of Site Visit: 5-12-05
Arrival Time: 1013D
Departure Time: 1110

Is System operating upon arrival? YES upon departure YES
If no, which alarm is signalled? _____

BIOSPARGE COMPRESSOR

Compressor Temperature: 117 deg. F.
Compressor Outlet Pressure: Zone 1 3,5 psi; Zone 2 5,0 psi; Zone 3 6,5 psi
Compressor Bleed Pressure: Zone 1 3,5 psi; Zone 2 5,0 psi; Zone 3 6,5 psi

Air Bleed valve status: (Closed / Partially open / Full open)
Air Outlet valve status: (Closed / Partially open / Full open)

COMPRESSOR OVERVIEW

Cumulative Run Hours: Valve 1 922,9 hours; Valve 2 915,6 hours; Valve 3 908,6 hours; Compressor: 747,3 hours

GENERAL MAINTENANCE

Electric Meter reading: 34019 Kw-hrs
Check Operation of Heaters/Fans: GOOD
Noticable Odors Outside Building: NONE

NOTES: _____

ATTENTION - HEATHER SIMON

HDPE SUMP

Water Level: 22 1/2 in. (Depth in Inches)
High Level Float Switch Setting: (~~Full Depth~~ / Raised ONE ft)
Slice Gate Valve Setting: (~~Closed / Partially open~~ / Full open)
Noticable Odor: (~~Yes~~ / No)

BIOSPARGE WELLS

Operation Zone	Well #	Valve Status (O,P,C)	Pressure (psi) In Building
Zone 1	BW-03	OPEN	3,0
Zone 1	BW-06		3,5
Zone 1	BW-09		3,5
Zone 1	BW-12		4,0
Zone 1	BW-15		4,0
Zone 1	BW-18		4,0
Zone 2	BW-02		5,0
Zone 2	BW-05		5,5
Zone 2	BW-08		5,5
Zone 2	BW-11		5,0
Zone 2	BW-14		5,25
Zone 2	BW-17		5,0
Zone 3	BW-01		6,5
Zone 3	BW-04		6,0
Zone 3	BW-07		6,25
Zone 3	BW-10		6,5
Zone 3	BW-13		6,25
Zone 3	BW-16		6,5

OPERATIONS LOG

Site Name: Campmarina / Worker's Water Steet Park
Project/Task Number: 1313/4.3
Site Location: 732 Water Street, Sheboygan, WI

Operator: JEFF WUNSCH
Date of Site Visit: 5-23-05
Arrival Time: 12:25
Departure Time: 13:10

Is System operating upon arrival? YES upon departure YES
If no, which alarm is signalled? _____

BIOSPARGE COMPRESSOR

Compressor Temperature: 114 deg. F.
Compressor Outlet Pressure: Zone 1 3.5 psi; Zone 2 5.0 psi; Zone 3 6.5 psi
Compressor Bleed Pressure: Zone 1 3.5 psi; Zone 2 5.0 psi; Zone 3 6.5 psi

Air Bleed valve status: (Closed / Partially open / Full open)
Air Outlet valve status: (Closed / Partially open / Full open)

COMPRESSOR OVERVIEW

Cumulative Run Hours: Valve 1 936.4 hours; Valve 2 929.2 hours; Valve 3 922.1 hours; Compressor: 787.9 hours

GENERAL MAINTENANCE

Electric Meter reading: 34282 Kw-hrs
Check Operation of Heaters/Fans: GOOD
Noticable Odors Outside Building: NONE

NOTES: CLEANED FILTERS

ATTENTION - HEATHER SIMON

HDPE SUMP

Water Level: 22 1/2 in. (Depth in Inches)
High Level Float Switch Setting: (~~Full Depth~~ / Raised ONE ft)
Slice Gate Valve Setting: (~~Closed~~ / ~~Partially open~~ / Full open)
Noticable Odor: (~~Yes~~ / No)

BIOSPARGE WELLS

Operation Zone	Well #	Valve Status (O,P,C)	Pressure (psi) In Building
Zone 1	BW-03	OPEN	3.25
Zone 1	BW-06		3.5
Zone 1	BW-09		3.75
Zone 1	BW-12		4.25
Zone 1	BW-15		4.5
Zone 1	BW-18		4.25
Zone 2	BW-02		5.0
Zone 2	BW-05		5.5
Zone 2	BW-08		5.5
Zone 2	BW-11		5.0
Zone 2	BW-14		5.25
Zone 2	BW-17		5.0
Zone 3	BW-01		6.5
Zone 3	BW-04		6.25
Zone 3	BW-07		6.5
Zone 3	BW-10		6.5
Zone 3	BW-13		6.5
Zone 3	BW-16		6.5

OPERATIONS LOG

Site Name: Campmarina / Worker's Water Steet Park
Project/Task Number: 1313/4.3
Site Location: 732 Water Street, Sheboygan, WI

Operator: JEFF WUNSCH
Date of Site Visit: 7-5-05
Arrival Time: 1310
Departure Time: 1315

Is System operating upon arrival? NO upon departure YES
If no, which alarm is signalled? STARTER OVERLOAD

BIOSPARGE COMPRESSOR

Compressor Temperature: 121 deg. F.
Compressor Outlet Pressure: Zone 1 4.0 psi; Zone 2 5.0 psi; Zone 3 6.0 psi
Compressor Bleed Pressure: Zone 1 4.0 psi; Zone 2 5.0 psi; Zone 3 6.0 psi

Air Bleed valve status: (~~Closed~~ / Partially open / ~~Full open~~)
Air Outlet valve status: (~~Closed~~ / ~~Partially open~~ / Full open)

COMPRESSOR OVERVIEW

Cumulative Run Hours: Valve 1 996.5 hours; Valve 2 989.0 hours; Valve 3 982.0 hours; Compressor: 967.8 hours

GENERAL MAINTENANCE

Electric Meter reading: 35044 Kw-hrs
Check Operation of Heaters/Fans: GOOD
Noticable Odors Outside Building: NONE

NOTES:

ATTENTION - HEATHER SIMON

HDPE SUMP

Water Level: 22 1/4 in. (Depth in Inches)
High Level Float Switch Setting: (~~Full Depth~~ / Raised ONE ft)
Slice Gate Valve Setting: (~~Closed~~ / ~~Partially open~~ / Full open)
Noticable Odor: (~~Yes~~ / No)

BIOSPARGE WELLS

Operation Zone	Well #	Valve Status (O,P,C)	Pressure (psi) In Building
Zone 1	BW-03	OPEN	3.0
Zone 1	BW-06		3.5
Zone 1	BW-09		3.5
Zone 1	BW-12		4.0
Zone 1	BW-15		4.0
Zone 1	BW-18		4.0
Zone 2	BW-02		5.0
Zone 2	BW-05		5.5
Zone 2	BW-08		5.5
Zone 2	BW-11		5.0
Zone 2	BW-14		5.25
Zone 2	BW-17		5.0
Zone 3	BW-01		6.0
Zone 3	BW-04		5.75
Zone 3	BW-07		6.0
Zone 3	BW-10		6.0
Zone 3	BW-13		5.75
Zone 3	BW-16		6.0

OPERATIONS LOG

Site Name: Campmarina / Worker's Water Steet Park
Project/Task Number: 1313/4.3
Site Location: 732 Water Street, Sheboygan, WI

Operator: JEFF LUHSCH
Date of Site Visit: 8-3-05
Arrival Time: 1210
Departure Time: _____

Is System operating upon arrival? NO upon departure _____
If no, which alarm is signalled? STARTER OVERLOAD + POWER FAIL

BIOSPARGE COMPRESSOR

Compressor Temperature: _____ deg. F.

Compressor Outlet Pressure:	Zone 1	3.0 psi
	Zone 2	4.5 psi
	Zone 3	5.0 psi
Compressor Bleed Pressure:	Zone 1	3.5 psi
	Zone 2	4.5 psi
	Zone 3	5.0 psi

Air Bleed valve status: (~~Closed~~ / Partially open / ~~Full open~~)
Air Outlet valve status: (~~Closed~~ / ~~Partially open~~ / Full open)

COMPRESSOR OVERVIEW

Cumulative Run Hours:	Valve 1	37.7 hours
	Valve 2	29.7 hours
	Valve 3	22.7 hours
	Compressor:	90.2 hours

GENERAL MAINTENANCE

Electric Meter reading: 35588 Kw-hrs
Check Operation of Heaters/Fans: GOOD
Noticable Odors Outside Building: NONE

NOTES: CLEANED FILTERS + TURNED-OFF COMPRESSOR,
ATTENTION - HEATHER SIMON

HDPE SUMP

Water Level: 22 1/4 in. (Depth in Inches)
High Level Float Switch Setting: (~~Full Depth~~ / Raised ONE ft)
Slice Gate Valve Setting: (~~Closed~~ / ~~Partially open~~ / Full open)
Noticable Odor: (~~YES~~ / No)

BIOSPARGE WELLS

Operation Zone	Well #	Valve Status (O,P,C)	Pressure (psi) In Building
Zone 1	BW-03	OPEN	3.0
Zone 1	BW-06		3.25
Zone 1	BW-09		3.5
Zone 1	BW-12		4.0
Zone 1	BW-15		4.0
Zone 1	BW-18		4.0
Zone 2	BW-02		5.0
Zone 2	BW-05		5.5
Zone 2	BW-08		6.25
Zone 2	BW-11		5.0
Zone 2	BW-14		5.25
Zone 2	BW-17		5.0
Zone 3	BW-01		6.0
Zone 3	BW-04		6.0
Zone 3	BW-07		6.0
Zone 3	BW-10		6.0
Zone 3	BW-13		6.0
Zone 3	BW-16		6.0

OPERATIONS LOG

Site Name: Campmarina / Worker's Water Steet Park
Project/Task Number: 1313/4.3
Site Location: 732 Water Street, Sheboygan, WI

Operator: JEFF WUNSCH
Date of Site Visit: 9-12-05
Arrival Time: 12:35
Departure Time: 13:10

Is System operating upon arrival? YES upon departure YES
If no, which alarm is signalled? _____

BIOSPARGE COMPRESSOR

Compressor Temperature: 128 deg. F.
Compressor Outlet Pressure: Zone 1 3.5 psi; Zone 2 4.5 psi; Zone 3 5.5 psi
Compressor Bleed Pressure: Zone 1 3.5 psi; Zone 2 4.5 psi; Zone 3 5.5 psi

Air Bleed valve status: (~~Closed~~ / Partially open / ~~Full open~~)
Air Outlet valve status: (~~Closed~~ / ~~Partially open~~ / Full open)

COMPRESSOR OVERVIEW

Cumulative Run Hours: Valve 1 84.8 hours; Valve 2 76.9 hours; Valve 3 69.3 hours; Compressor: 231.0 hours

GENERAL MAINTENANCE

Electric Meter reading: 36226 Kw-hrs
Check Operation of Heaters/Fans: GOOD
Noticable Odors Outside Building: NONE

NOTES: _____
ATTENTION - HEATHER SIMON

HDPE SUMP

Water Level: 22.25 in. (Depth in Inches)
High Level Float Switch Setting: (~~Full Depth~~ / Raised ONE ft)
Slice Gate Valve Setting: (~~Closed~~ / ~~Partially open~~ / Full open)
Noticable Odor: (~~Yes~~ / No)

BIOSPARGE WELLS

Operation Zone	Well #	Valve Status (O,P,C)	Pressure (psi) In Building
Zone 1	BW-03	OPEN	2.75
Zone 1	BW-06		3.0
Zone 1	BW-09		3.25
Zone 1	BW-12		3.75
Zone 1	BW-15		4.0
Zone 1	BW-18		3.75
Zone 2	BW-02		4.5
Zone 2	BW-05		5.0
Zone 2	BW-08		5.0
Zone 2	BW-11		4.75
Zone 2	BW-14		5.0
Zone 2	BW-17		4.75
Zone 3	BW-01		6.0
Zone 3	BW-04		6.0
Zone 3	BW-07		6.0
Zone 3	BW-10		6.0
Zone 3	BW-13		6.0
Zone 3	BW-16		6.0

OPERATIONS LOG

Site Name: Campmarina / Worker's Water Steet Park
Project/Task Number: 1313/4.3
Site Location: 732 Water Street, Sheboygan, WI

Operator: JEFF WUNSCH
Date of Site Visit: 10-10-05
Arrival Time: 12:10
Departure Time: 12:45

Is System operating upon arrival? YES upon departure YES
If no, which alarm is signalled? _____

BIOSPARGE COMPRESSOR

Compressor Temperature: 116 deg. F.
Compressor Outlet Pressure: Zone 1 3,5 psi; Zone 2 5,0 psi; Zone 3 6.0 psi
Compressor Bleed Pressure: Zone 1 3,5 psi; Zone 2 5,0 psi; Zone 3 6.0 psi

Air Bleed valve status: (~~Closed~~ / Partially open / ~~Full open~~)
Air Outlet valve status: (~~Closed~~ / ~~Partially open~~ / Full open)

COMPRESSOR OVERVIEW

Cumulative Run Hours: Valve 1 123,4 hours; Valve 2 115.5 hours; Valve 3 107,4 hours; Compressor: 346.4 hours

GENERAL MAINTENANCE

Electric Meter reading: 36691 Kw-hrs
Check Operation of Heaters/Fans: GOOD
Noticable Odors Outside Building: NONE

NOTES: CONGRATS MOM

ATTENTION - HEATHER SIMON

HDPE SUMP

Water Level: 22 1/4 in. (Depth in Inches)
High Level Float Switch Setting: (~~Full Depth~~ / Raised ONE ft)
Slice Gate Valve Setting:(~~Closed~~ / ~~Partially open~~ / Full open)
Noticable Odor: (~~Yes~~ / No)

BIOSPARGE WELLS

Operation Zone	Well #	Valve Status (O,P,C)	Pressure (psi) In Building
Zone 1	BW-03	OPEN	2,75
Zone 1	BW-06		3,0
Zone 1	BW-09		3,25
Zone 1	BW-12		3,75
Zone 1	BW-15		4,0
Zone 1	BW-18		3,75
Zone 2	BW-02		4,5
Zone 2	BW-05		5,0
Zone 2	BW-08		5,0
Zone 2	BW-11		5,0
Zone 2	BW-14		5,0
Zone 2	BW-17		4,75
Zone 3	BW-01		6,0
Zone 3	BW-04		5,75
Zone 3	BW-07		6,0
Zone 3	BW-10		6,0
Zone 3	BW-13		6,0
Zone 3	BW-16		6,0

APPENDIX D

AIR SAMPLING ANALYTICAL REPORTS

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: 856656

Client: NATURAL RESOURCE TECHNOLOGY **Lab Contact:** Tom Trainor

Project Name: WPSC CAMP MARINA

Project Number: 1313

Lab Sample Number	Field ID	Matrix	Collection Date
856656-001	BIOSPARGE VENT	IMP	02/25/05
856656-002	BLANK	METH	02/25/05

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

3/3/05 — Date

En Chem

A Division of Pace Analytical Services, Inc.

Analytical Report Number: 856656

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

Client : NATURAL RESOURCE TECHNOLOGY
Project Name : WPSC CAMP MARINA
Project Number : 1313
Field ID : BIOSPARGE VENT

Matrix Type : IMPINGER
Collection Date : 02/25/05
Report Date : 03/03/05
Lab Sample Number : 856656-001

BTEX **Prep Date:** 03/02/05

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Benzene	<	0.38	0.38	1.2		50	ug		03/02/05	SW846 5030B	SW846 M8021
Ethylbenzene	<	0.38	0.38	1.2		50	ug		03/02/05	SW846 5030B	SW846 M8021
Toluene	<	0.38	0.38	1.2		50	ug		03/02/05	SW846 5030B	SW846 M8021
Xylene, o	<	0.38	0.38	1.2		50	ug		03/02/05	SW846 5030B	SW846 M8021
Xylenes, m + p	<	0.38	0.38	1.2		50	ug		03/02/05	SW846 5030B	SW846 M8021
a,a,a-Trifluorotoluene		102				1	%Recov		03/02/05	SW846 5030B	SW846 M8021

En Chem

A Division of Pace Analytical Services, Inc.

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

Analytical Report Number: 856656

Client : NATURAL RESOURCE TECHNOLOGY
Project Name : WPSC CAMP MARINA
Project Number : 1313
Field ID : BLANK

Matrix Type : METHANOL
Collection Date : 02/25/05
Report Date : 03/03/05
Lab Sample Number : 856656-002

BTEX — **Prep Date:** 03/02/05

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Benzene	<	25	25	60		50	ug/L		03/02/05	SW846 5030B	SW846 M8021
Ethylbenzene	<	25	25	60		50	ug/L		03/02/05	SW846 5030B	SW846 M8021
Toluene	<	25	25	60		50	ug/L		03/02/05	SW846 5030B	SW846 M8021
Xylene, o	<	25	25	60		50	ug/L		03/02/05	SW846 5030B	SW846 M8021
Xylenes, m + p	<	25	25	60		50	ug/L		03/02/05	SW846 5030B	SW846 M8021
a,a,a-Trifluorotoluene		102				1	%Recov		03/02/05	SW846 5030B	SW846 M8021

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	856656-001	856656-002
BTEX	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. 856656

Project Name or ID WPSC Camp Marina No. of Coolers: 1 Temps: R01

A. Receipt Phase: Date cooler was opened: 3-1-05 **By:** SFaen

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: 3-1-05 **By:** SFaen

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.. *(This statement does not apply to water: VOC, O&G, TOC, DRO, Total Rec. Phenolics)*	YES	NO	(NA)
5: Do samples have correct chemical preservation? *(This statement does not apply to water: VOC, O&G, TOC, DRO, Total Rec. Phenolics)*	YES	NO[2]	(NA)
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. AB	(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	
Dissolved Oxygen	Nitrite or Nitrate	Flashpoint	2 Complete nonconformance memo.
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 TMT 3/3/05

p:/everyone/forms/samplereceiving/crl.doc

AB

(Please Print Legibly)
Company Name: Natural Resource Technology
Branch or Location: Pewaukee
Project Contact: Chris Robb
Telephone: 262-522-1216
Project Number: 1313
Project Name: WPSC Camp Malinda
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. 134502

Page ____ of ____
Quote #:
Mail Report To: Chris Robb
Company: N.R.T.
Address: 23713 W. Paul Rd
Pewaukee, WI 53072
Invoice To: WPSC.
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=H2SO4, D=HNO3, E=EnCore, F=Methanol, G=NaOH, H=Sodium Bisulfate Solution, I=Sodium Thiosulfate, J=Other

FILTERED? (YES/NO): Y
PRESERVATION (CODE)*: F

ANALYSES REQUESTED: BETX - 8021B

TOTAL # OF BOTTLES SENT

LABORATORY ID (Lab Use Only)	FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)
001	Biosparge Vent	2/28/05	1445	A	1-15 MEF	
# 002	blank				"	
					*Added to COC by Lab. 3-1-05 SF	

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:
[illegible]	2-28-05 0800	Bill Nottemeyer	2/28/05 1700
Bill Nottemeyer	2/28/05 1345		
Durham	3-1-05 835	Falk	3-1-05 835

En Chem Project No. 8566556
Sample Receipt Temp. R01
Sample Receipt pH (Wet/Metals) N/A
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: 862556

Client: NATURAL RESOURCE TECHNOLOGY
Lab Contact: Tom Trainor
Project Name: WPSC CAMP MARINA
Project Number: 1313

Lab Sample Number	Field ID	Matrix	Collection Date
862556-001	BIOSPARGE VENT	IMP	08/09/05
862556-002	IMPINGER BLANK	METH	08/09/05

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.

TM Trainor

Approval Signature

8-18-05

Date

Pace Analytical Services, Inc.

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

Analytical Report Number: 862556

Client : NATURAL RESOURCE TECHNOLOGY
Project Name : WPSC CAMP MARINA
Project Number : 1313
Field ID : BIOSPARGE VENT

Matrix Type : IMPINGER
Collection Date : 08/09/05
Report Date : 08/18/05
Lab Sample Number : 862556-001

BTEX

Prep Date: 08/15/05

Analyte		Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Benzene	<	0.38	0.38	1.2		50	ug/L		08/17/05	SW846 5030B	SW846 M8021
Ethylbenzene	<	0.38	0.38	1.2		50	ug/L		08/17/05	SW846 5030B	SW846 M8021
Toluene	<	0.38	0.38	1.2		50	ug/L		08/17/05	SW846 5030B	SW846 M8021
Xylene, o	<	0.38	0.38	1.2		50	ug/L		08/17/05	SW846 5030B	SW846 M8021
Xylenes, m + p	<	0.38	0.38	1.2		50	ug/L		08/17/05	SW846 5030B	SW846 M8021
a,a,a-Trifluorotoluene		101				1	%Recov		08/17/05	SW846 5030B	SW846 M8021

Pace Analytical Services, Inc.

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

Analytical Report Number: 862556

Client : NATURAL RESOURCE TECHNOLOGY
Project Name : WPSC CAMP MARINA
Project Number : 1313
Fieid ID : IMPINGER BLANK

Matrix Type : METHANOL
Collection Date : 08/09/05
Report Date : 08/18/05
Lab Sample Number : 862556-002

BTEX

Prep Date: 08/15/05

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date	Prep Method	Anl Method
Benzene	< 25	25	60		50	ug/L		08/16/05	SW846 5030B	SW846 M8021
Ethylbenzene	< 25	25	60		50	ug/L		08/16/05	SW846 5030B	SW846 M8021
Toluene	< 25	25	60		50	ug/L		08/16/05	SW846 5030B	SW846 M8021
Xylene, o	< 25	25	60		50	ug/L		08/16/05	SW846 5030B	SW846 M8021
Xylenes, m + p	< 25	25	60		50	ug/L		08/16/05	SW846 5030B	SW846 M8021
a,a,a-Trifluorotoluene	100				1	%Recov		08/16/05	SW846 5030B	SW846 M8021

Pace Analytical Services, Inc.

Analysis Summary by Laboratory

1241 Bellevue Street
Green Bay, WI 54302

Test Group Name	862556-001	862556-002
BTEX	G	G

Code	Facility	Address	WI Certification
G	Green Bay Lab (Industrial Dr)	1795 Industrial Drive Green Bay, WI 54302	405132750

Sample Condition Upon Receipt

Pace Analytical

Client Name: Natural Resource Tech Project # 8LAL556

Courier: ☒ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace Other_____

Optional
Proj. Due Date:
Proj. Name:

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 20.1 Biological Tissue is Frozen: Yes No

Date and Initials of person examining contents: 8-11-05 ESK

Temp should be above freezing to 6°C 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: Air / MeOH				
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.
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:_____

Project Manager Review: TP **Date:** 8-12-05

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)

(Please Print Legibly)

Company Name: Natural Resource Technology

Branch or Location: Pewaukee

Project Contact: Chris Roos

Telephone: 262 523 7000

Project Number: 1313

Project Name: WPSC Camp Marina

Project State: WI

Sampled By (Print): Randy Bancroft

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. 137192

Page 1 of 1

Quote #:

Mail Report To: Chris Roos

Company: NRT

Address: 2713 W Plaza Dr
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

LABORATORY ID (Lab Use Only)	FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	FILTERED? (YES/NO)	PRESERVATION (CODE)*	ANALYSES REQUESTED: BTEX (8021)	TOTAL # OF BOTTLES SENT	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)
001	Discharge Vent	8-9-05	1200	Mtl	No	F	X	1	Temperature	40ml F
002	Trip Blank							1	Blank of WSP	
									Samples received	
									at cooler	

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:
	8/10/05 0800		8/10/05 0800
		Fed Ex	
Fedex	8-11-05 0940	Brandon Blank	8-11-05 0940

En Chem Project No: 130513

Sample Receipt Temp: 4°C

Sample Receipt pH (Wet/Metals): N/A

Cooler Custody Seal: Present / Not Present

Intact / Not Intact

Version 4.0: 09/04