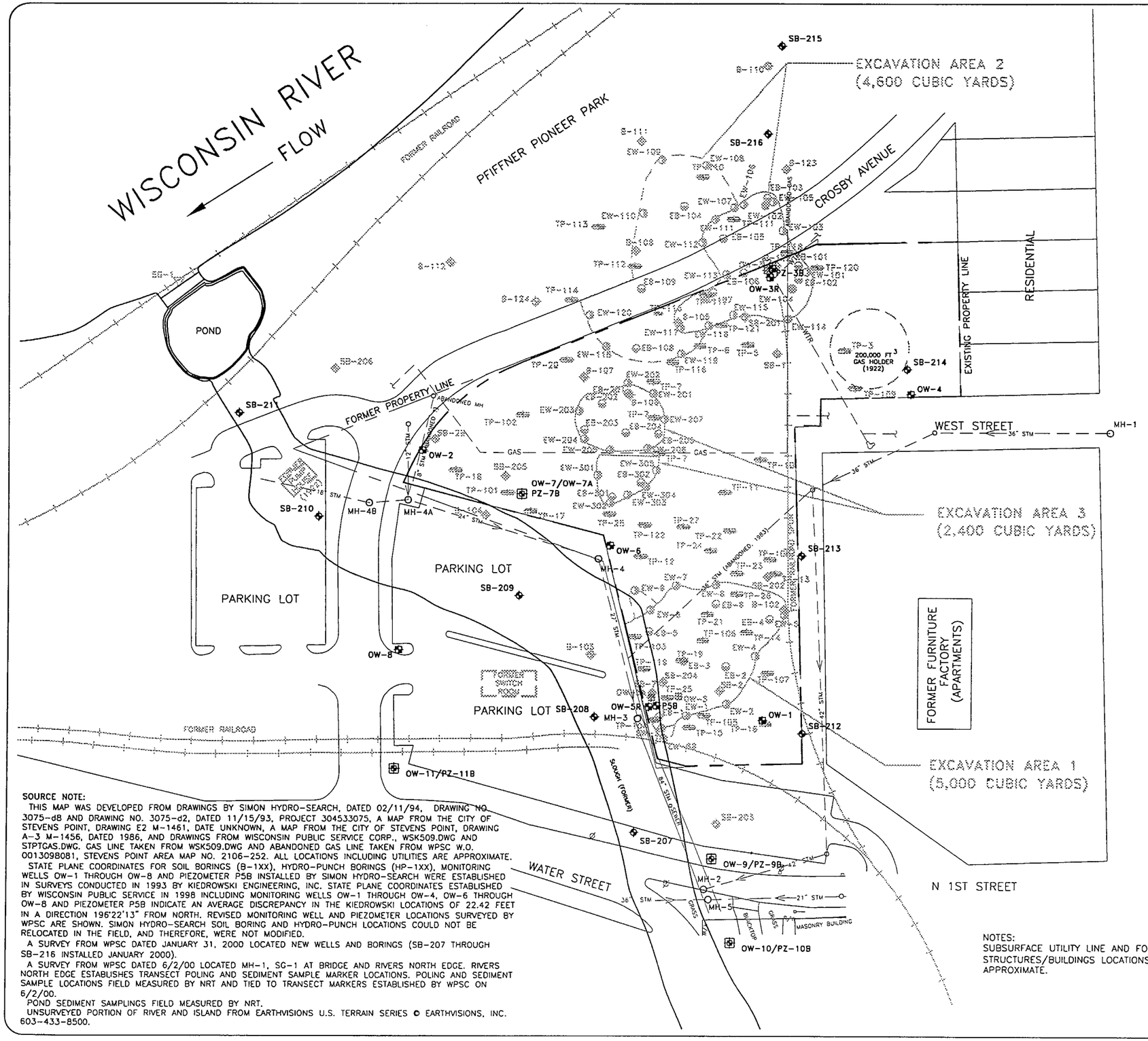
APPENDIX A

PREVIOUSLY PERFORMED EXCAVATION AREAS



SOURCE NOTE:

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

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

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

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

POND SEDIMENT SAMPLINGS FIELD MEASURED BY NRT.

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

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

LEGEND

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

N

0 50 100 200

SCALE IN FEET

SOIL BORING, MONITORING WELL AND STORM SEWER SAMPLE LOCATIONS

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

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

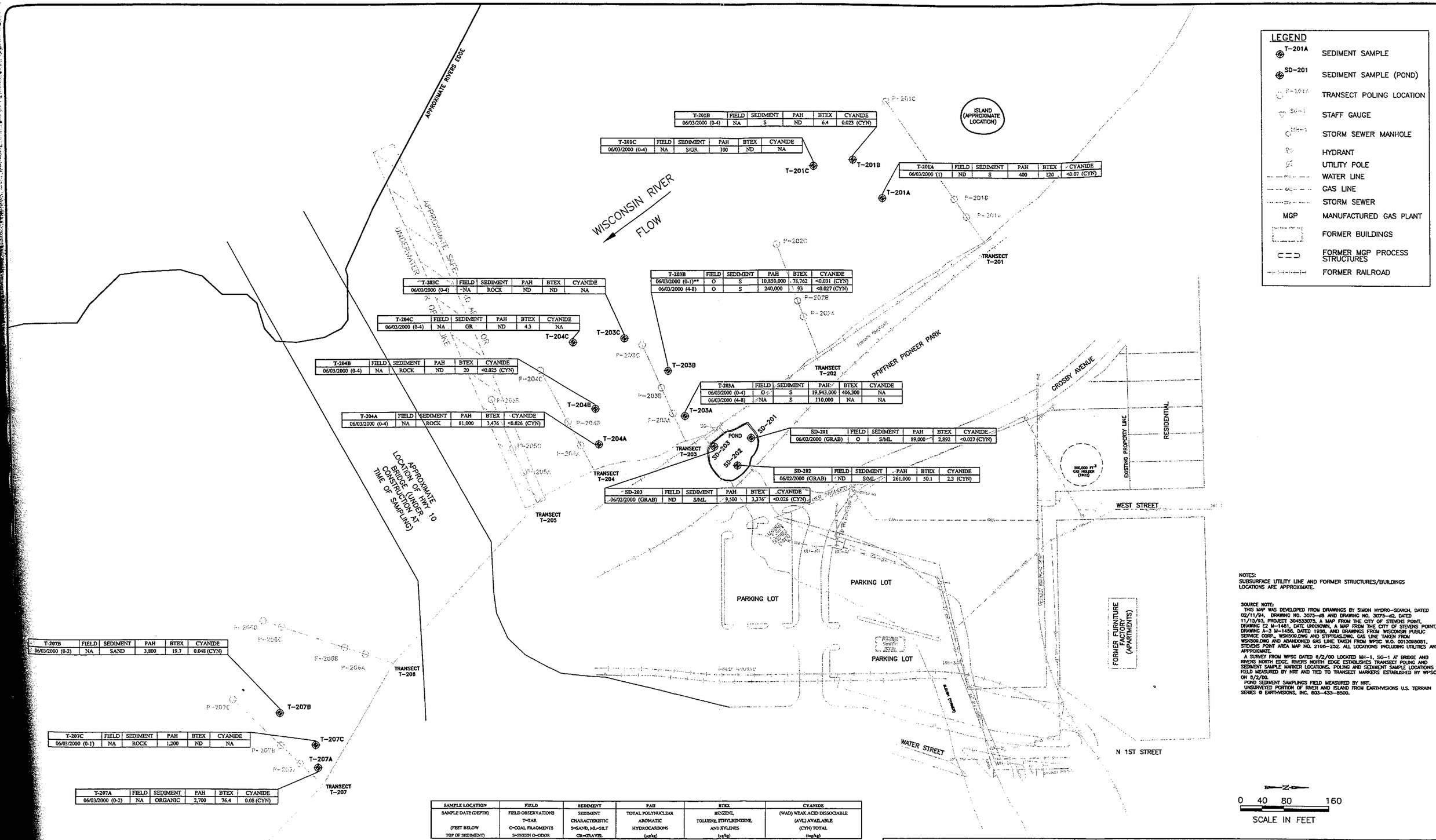
AUTOCAD FILE: 1177-B20.DWG

Natural Resource Technology

PROJECT NO. 1177/12.4/STPT

DRAWING NO. 1177-B20

FIGURE NO. 2



T-201B	FIELD	SEDIMENT	PAH	BTEX	CYANIDE
06/03/2000 (0-4)	NA	S	ND	6.4	0.023 (CYN)

T-201C	FIELD	SEDIMENT	PAH	BTEX	CYANIDE
06/03/2000 (0-4)	NA	S/GR	100	ND	NA

T-201A	FIELD	SEDIMENT	PAH	BTEX	CYANIDE
06/03/2000 (1)	ND	S	400	120	<0.07 (CYN)

T-203C	FIELD	SEDIMENT	PAH	BTEX	CYANIDE
06/03/2000 (0-4)	NA	ROCK	ND	ND	NA

T-203B	FIELD	SEDIMENT	PAH	BTEX	CYANIDE
06/03/2000 (0-1)**	O	S	10,850,000	78,762	<0.031 (CYN)
06/03/2000 (4-8)	O	S	240,000	93	<0.027 (CYN)

T-204C	FIELD	SEDIMENT	PAH	BTEX	CYANIDE
06/03/2000 (0-4)	NA	GR	ND	4.3	NA

T-204B	FIELD	SEDIMENT	PAH	BTEX	CYANIDE
06/03/2000 (0-4)	NA	ROCK	ND	20	<0.025 (CYN)

T-203A	FIELD	SEDIMENT	PAH	BTEX	CYANIDE
06/03/2000 (0-4)	O	S	19,943,000	406,300	NA
06/03/2000 (4-8)	NA	S	110,000	NA	NA

T-204A	FIELD	SEDIMENT	PAH	BTEX	CYANIDE
06/03/2000 (0-4)	NA	ROCK	81,000	1,476	<0.026 (CYN)

SD-201	FIELD	SEDIMENT	PAH	BTEX	CYANIDE
06/02/2000 (GRAB)	O	S/ML	89,000	2,892	<0.027 (CYN)

SD-202	FIELD	SEDIMENT	PAH	BTEX	CYANIDE
06/02/2000 (GRAB)	ND	S/ML	261,000	50.1	2.3 (CYN)

SD-203	FIELD	SEDIMENT	PAH	BTEX	CYANIDE
06/02/2000 (GRAB)	ND	S/ML	9,500	3,376	<0.026 (CYN)

T-207B	FIELD	SEDIMENT	PAH	BTEX	CYANIDE
06/03/2000 (0-2)	NA	SAND	3,800	19.7	0.048 (CYN)

T-207C	FIELD	SEDIMENT	PAH	BTEX	CYANIDE
06/03/2000 (0-1)	NA	ROCK	1,200	ND	NA

T-207A	FIELD	SEDIMENT	PAH	BTEX	CYANIDE
06/03/2000 (0-2)	NA	ORGANIC	2,700	76.4	0.08 (CYN)

LEGEND

- T-201A — SEDIMENT SAMPLE
- SD-201 — SEDIMENT SAMPLE (POND)
- P-201A — TRANSECT POLING LOCATION
- SG-1 — STAFF GAUGE
- MH-1 — STORM SEWER MANHOLE
- HYDRANT
- UTILITY POLE
- WATER LINE
- GAS LINE
- STORM SEWER
- MGP — MANUFACTURED GAS PLANT
- FORMER BUILDINGS
- FORMER MGP PROCESS STRUCTURES
- FORMER RAILROAD

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

SOURCE NOTE:
THIS MAP WAS DEVELOPED FROM DRAWINGS BY SIMON HYDRO-SEARCH, DATED 02/11/94, DRAWING NO. 3075-d8 AND DRAWING NO. 3075-d2, DATED 11/19/93, PROJECT 3045330T5, A MAP FROM THE CITY OF STEVENS POINT, DRAWING EZ M-1481, DATE UNKNOWN, A MAP FROM THE CITY OF STEVENS POINT, DRAWING A-3 M-1456, DATED 1986, AND DRAWINGS FROM WISCONSIN PUBLIC SERVICE CORP., WSK509.DWG AND STPTCAS.DWG. GAS LINE TAKEN FROM WSK509.DWG AND ABANDONED GAS LINE TAKEN FROM WPSC W.O. 0013098001, STEVENS POINT AREA MAP NO. 2105-232. ALL LOCATIONS INCLUDING UTILITIES ARE APPROXIMATE.
A SURVEY FROM WPSC DATED 8/2/00 LOCATED MH-1, SG-1 AT BRIDGE AND RIVERS NORTH EDGE. RIVERS NORTH EDGE ESTABLISHES TRANSECT POLING AND SEDIMENT SAMPLE MARKER LOCATIONS. POLING AND SEDIMENT SAMPLE LOCATIONS FIELD MEASURED BY NRT AND TIED TO TRANSECT MARKERS ESTABLISHED BY WPSC ON 8/2/00.
POND SEDIMENT SAMPLINGS FIELD MEASURED BY NRT.
UNSURVEYED PORTION OF RIVER AND ISLAND FROM EARTHVISIONS U.S. TERRAIN SERIES © EARTHVISIONS, INC. 603-433-8500.

SAMPLE LOCATION	FIELD	SEDIMENT	PAH	BTEX	CYANIDE
SAMPLE DATE (DEPTH)	FIELD OBSERVATIONS	SEDIMENT	TOTAL POLYNUCLEAR	BENZENE,	(WAD) WEAK ACID DISSOCIABLE
	T=TAR	CHARACTERISTIC	AROMATIC	TOLUENE, ETHYLBENZENE,	(AVL) AVAILABLE
(FEET BELOW	C=COAL FRAGMENTS	S=SAND, M/L=SILT	HYDROCARBONS	AND XYLENES	(CYN) TOTAL
TOP OF SEDIMENT)	S=SHEEN O=ODOR	GR=GRAVEL	(µg/kg)	(µg/kg)	(mg/kg)

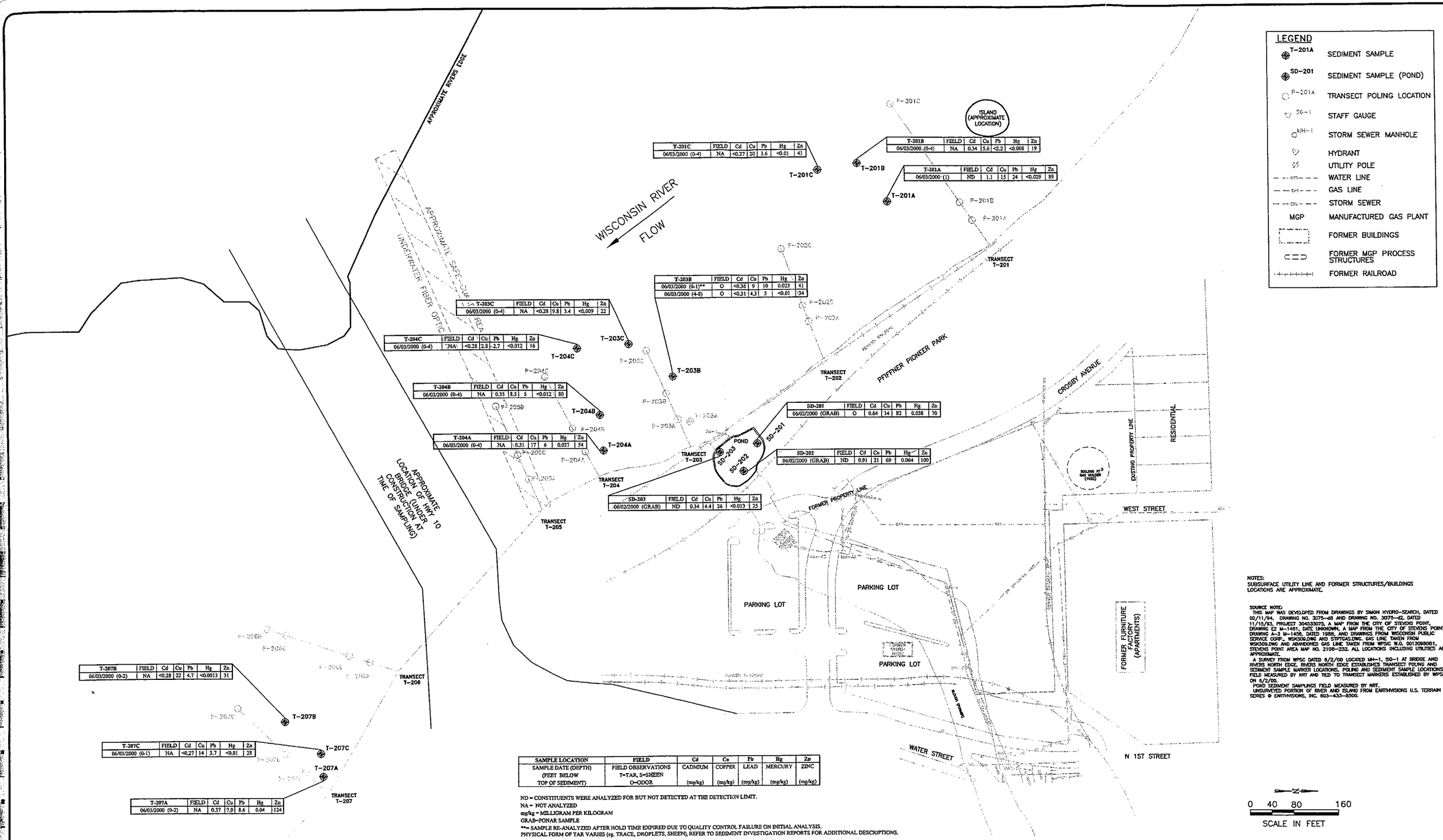
ND = CONSTITUENTS WERE ANALYZED FOR BUT NOT DETECTED AT THE DETECTION LIMIT.
NA = NOT ANALYZED
µg/kg = MICROGRAMS PER KILOGRAM
mg/kg = MILLIGRAM PER KILOGRAM
GRAB=PONAR SAMPLE
**= SAMPLE RE-ANALYZED AFTER HOLD TIME EXPIRED DUE TO QUALITY CONTROL FAILURE ON INITIAL ANALYSIS.
PHYSICAL FORM OF TAR VARIES (eg. TRACE, DROPLETS, SHEEN), REFER TO SEDIMENT INVESTIGATION REPORTS FOR ADDITIONAL DESCRIPTIONS.

Natural Resource Technology
N R T

SEDIMENT ORGANIC ANALYTICAL SUMMARY
FORMER STEVENS POINT MANUFACTURED GAS PLANT SITE
WISCONSIN PUBLIC SERVICE CORPORATION
STEVENS POINT, WISCONSIN

CAD FILE: 1515\5\STPT\1515-5S-D01.DWG
REFERENCE FILES:

PROJECT NO.	1515/5/STPT
DRAWN BY:	TAS 02/04/05
CHECKED BY:	MJR 02/04/05
APPROVED BY:	LLP 02/04/05
SHEET NO.	ST PT-1



T-201C	FIELD	Cd	Cu	Pb	Hg	Zn
06/03/2000 (0-4)	NA	<0.27	20	3.6	<0.01	41

T-201B	FIELD	Cd	Cu	Pb	Hg	Zn
06/03/2000 (0-4)	NA	0.34	5.6	<2.2	<0.008	19

T-201A	FIELD	Cd	Cu	Pb	Hg	Zn
06/03/2000 (1)	ND	1.1	15	24	<0.029	89

T-203B	FIELD	Cd	Cu	Pb	Hg	Zn
06/03/2000 (0-1)**	O	<0.36	9	10	0.023	41
06/03/2000 (4-8)	O	<0.31	4.3	5	<0.01	34

T-203C	FIELD	Cd	Cu	Pb	Hg	Zn
06/03/2000 (0-4)	NA	<0.28	9.8	3.4	<0.009	22

T-204C	FIELD	Cd	Cu	Pb	Hg	Zn
06/03/2000 (0-4)	NA	<0.28	2.8	2.7	<0.012	16

T-204B	FIELD	Cd	Cu	Pb	Hg	Zn
06/03/2000 (0-4)	NA	0.35	8.5	5	<0.012	80

T-204A	FIELD	Cd	Cu	Pb	Hg	Zn
06/03/2000 (0-4)	NA	0.31	17	6	0.027	54

SD-201	FIELD	Cd	Cu	Pb	Hg	Zn
06/02/2000 (GRAB)	O	0.64	14	82	0.038	70

SD-202	FIELD	Cd	Cu	Pb	Hg	Zn
06/02/2000 (GRAB)	ND	0.91	21	69	0.064	100

SD-203	FIELD	Cd	Cu	Pb	Hg	Zn
06/02/2000 (GRAB)	ND	0.34	4.4	26	<0.013	25

T-207B	FIELD	Cd	Cu	Pb	Hg	Zn
06/03/2000 (0-2)	NA	<0.28	22	4.7	<0.0013	31

T-207C	FIELD	Cd	Cu	Pb	Hg	Zn
06/03/2000 (0-1)	NA	<0.27	14	3.7	<0.01	28

T-207A	FIELD	Cd	Cu	Pb	Hg	Zn
06/03/2000 (0-2)	NA	0.37	7.9	8.6	0.04	124

SAMPLE LOCATION	FIELD	Cd	Cu	Pb	Hg	Zn
SAMPLE DATE (DEPTH) (FEET BELOW TOP OF SEDIMENT)	FIELD OBSERVATIONS T=TAR, S=SHEEN O=ODOR	CADMIUM (mg/kg)	COPPER (mg/kg)	LEAD (mg/kg)	MERCURY (mg/kg)	ZINC (mg/kg)

ND = CONSTITUENTS WERE ANALYZED FOR BUT NOT DETECTED AT THE DETECTION LIMIT.
NA = NOT ANALYZED
mg/kg = MILLIGRAM PER KILOGRAM
GRAB=PONAR SAMPLE
**= SAMPLE RE-ANALYZED AFTER HOLD TIME EXPIRED DUE TO QUALITY CONTROL FAILURE ON INITIAL ANALYSIS.
PHYSICAL FORM OF TAR VARIES (eg. TRACE, DROPLETS, SHEEN), REFER TO SEDIMENT INVESTIGATION REPORTS FOR ADDITIONAL DESCRIPTIONS.

LEGEND

- T-201A — SEDIMENT SAMPLE
- SD-201 — SEDIMENT SAMPLE (POND)
- P-201A — TRANSECT POLING LOCATION
- SG-1 — STAFF GAUGE
- MH-1 — STORM SEWER MANHOLE
- HYDRANT
- UTILITY POLE
- WATER LINE
- GAS LINE
- STORM SEWER
- MGP — MANUFACTURED GAS PLANT
- FORMER BUILDINGS
- FORMER MGP PROCESS STRUCTURES
- FORMER RAILROAD

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

SOURCE NOTE:
THIS MAP WAS DEVELOPED FROM DRAWINGS BY SIMON HYDRO-SEARCH, DATED 02/11/94, DRAWING NO. 3075-05 AND DRAWING NO. 3075-02, DATED 11/15/93, PROJECT 304533075. A MAP FROM THE CITY OF STEVENS POINT, DRAWING E2 M-1461, DATE UNKNOWN, A MAP FROM THE CITY OF STEVENS POINT, DRAWING A-3 M-1458, DATED 1986, AND DRAWINGS FROM WISCONSIN PUBLIC SERVICE CORP., WSK509.DWG AND STPTGAS.DWG. GAS LINE TAKEN FROM WSK509.DWG AND ABANDONED GAS LINE TAKEN FROM WPSC W.O. 0013098081, STEVENS POINT AREA MAP NO. 2105-232. ALL LOCATIONS INCLUDING UTILITIES ARE APPROXIMATE.
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POND SEDIMENT SAMPLINGS FIELD MEASURED BY NRT.
UNSURVEYED PORTION OF RIVER AND ISLAND FROM EARTHVISIONS U.S. TERRAIN SERIES © EARTHVISIONS, INC. 603-433-8500.

0 40 80 160
SCALE IN FEET

Natural Resource Technology
N R T

SEDIMENT INORGANIC ANALYTICAL SUMMARY
FORMER STEVENS POINT MANUFACTURED GAS PLANT SITE
WISCONSIN PUBLIC SERVICE CORPORATION
STEVENS POINT, WISCONSIN

CAD FILE: 1515\5\STPT\1515-5S-D02.DWG
REFERENCE FILES:

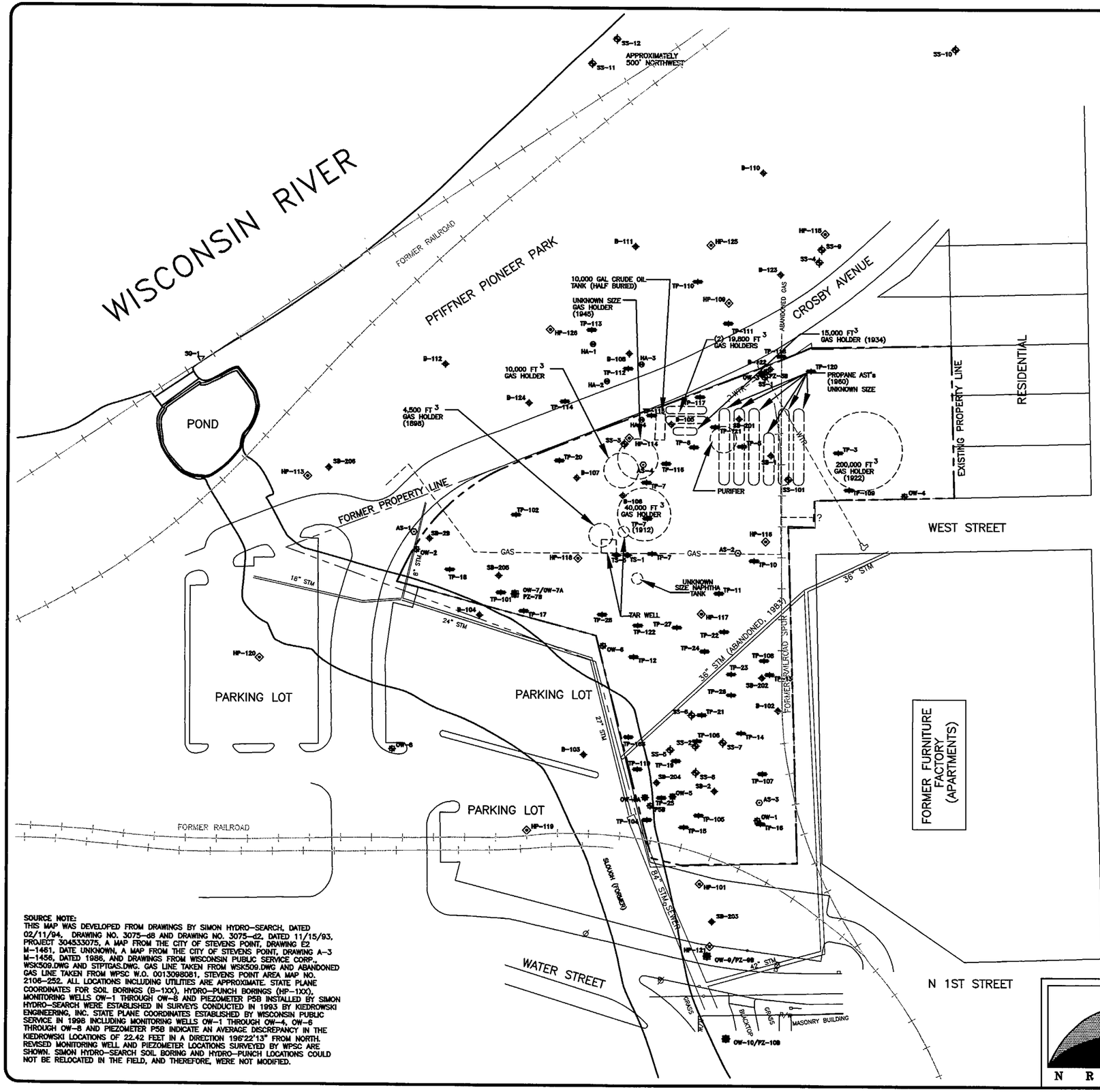
PROJECT NO. 1515/5/STPT
DRAWN BY: TAS 02/04/05
CHECKED BY: MJR 02/04/05
APPROVED BY: LLP 02/04/05
SHEET NO. ST PT-2

APPENDIX B

REMEDIAL INVESTIGATION DATA

APPENDIX B-1

SOIL ANALYTICAL RESULTS AND SAMPLING LOCATIONS



SOURCE NOTE:
THIS MAP WAS DEVELOPED FROM DRAWINGS BY SIMON HYDRO-SEARCH, DATED 02/11/94, DRAWING NO. 3075-d8 AND DRAWING NO. 3075-d2, DATED 11/15/93, PROJECT 3045333075, A MAP FROM THE CITY OF STEVENS POINT, DRAWING E2 M-1461, DATE UNKNOWN, A MAP FROM THE CITY OF STEVENS POINT, DRAWING A-3 M-1456, DATED 1986, AND DRAWINGS FROM WISCONSIN PUBLIC SERVICE CORP., WSK509.DWG AND STPTGAS.DWG. GAS LINE TAKEN FROM WSK509.DWG AND ABANDONED GAS LINE TAKEN FROM WPSC W.O. 0013098081, STEVENS POINT AREA MAP NO. 2106-252. ALL LOCATIONS INCLUDING UTILITIES ARE APPROXIMATE. STATE PLANE COORDINATES FOR SOIL BORINGS (B-1XX), HYDRO-PUNCH BORINGS (HP-1XX), MONITORING WELLS OW-1 THROUGH OW-8 AND PIEZOMETER P5B INSTALLED BY SIMON HYDRO-SEARCH WERE ESTABLISHED IN SURVEYS CONDUCTED IN 1993 BY KIEDROWSKI ENGINEERING, INC. STATE PLANE COORDINATES ESTABLISHED BY WISCONSIN PUBLIC SERVICE IN 1998 INCLUDING MONITORING WELLS OW-1 THROUGH OW-4, OW-6 THROUGH OW-8 AND PIEZOMETER P5B INDICATE AN AVERAGE DISCREPANCY IN THE KIEDROWSKI LOCATIONS OF 22.42 FEET IN A DIRECTION 196°22'13" FROM NORTH. REVISED MONITORING WELL AND PIEZOMETER LOCATIONS SURVEYED BY WPSC ARE SHOWN. SIMON HYDRO-SEARCH SOIL BORING AND HYDRO-PUNCH LOCATIONS COULD NOT BE RELOCATED IN THE FIELD, AND THEREFORE, WERE NOT MODIFIED.

LEGEND

OW-3	ABANDONED INVESTIGATION WELL
OW-1	INVESTIGATION WELL
P5B	BEDROCK WELL
OW-9/ PZ-9B	NESTED MONITORING WELL/ BEDROCK WELL
SB-206	SOIL BORING (NRT)
HA-1	HAND AUGER
HP-120	HYDRO-PUNCH
TP-3	TEST PIT
AS-2	AIR SAMPLE
TS-1	TRENCH SAMPLE
B-124 SB-1	BOREHOLE
SS-4	SURFACE SOIL SAMPLE
SG-1	STAFF GAUGE
	HYDRANT
	UTILITY POLE
WTR	WATER LINE
GAS	GAS LINE
AST	ABOVEGROUND STORAGE TANK
STM	STORM SEWER
?	PRECISE LOCATION UNKNOWN
	FORMER MGP PROCESS STRUCTURES
	FORMER RAILROAD

N

0 50 100 200

SCALE IN FEET

Natural Resource Technology

N R T

SUBSURFACE INVESTIGATION SAMPLING LOCATIONS

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

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

PROJECT NO. 1177/8.6/STPT

DRAWING NO. 1177-D10

PLATE 1

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

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

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

By: kmz
Checked by: slm

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

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

Notes:

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

By:
Checked by: slm

1177- Pre & Post Treatment.tbl

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

				Polynuclear Aromatic Hydrocarbons (µg/m³)															
Sample Date	Monitoring Station	Sample Vol. (m³)	TSP (mg/m³)	Naphthalene	Acenaphthylene	Acenaphthene	Fluorene	Phenanthrene	Anthracene	Fluoranthene	Pyrene	Benzo(a)anthracene	Chrysene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Benzo(a)pyrene	Indeno(1,2,3-cd)pyrene	Dibenzo(a,h)anthracene	Benzo(g,h,i)perylene
2/(26-27)/98	AM-1	325.44	0.025	0.037	<0.009	<0.009	<0.009	0.006	<0.009	<0.009	<0.009	<0.009	<0.009	<0.009	<0.009	<0.009	<0.009	<0.009	<0.009
3/(2-3)/98	AM-2	326.34	0.005	0.018	<0.009	<0.009	<0.009	0.003	<0.009	<0.009	<0.009	<0.009	<0.009	<0.009	<0.009	<0.009	<0.009	<0.009	<0.009
3/(23-24)/98	AM-3	323.33	0.032	1.794	0.049	0.192	0.111	0.084	0.009	0.006	0.006	<0.009	<0.009	<0.009	<0.009	<0.009	<0.009	<0.009	<0.009
3/(25-26)/98	AM-4	310.50	0.104	2.254	0.100	0.216	0.155	0.167	0.026	0.023	0.019	0.006	0.006	0.006	0.003	0.006	0.006	<0.009	0.006
4/(1-2)98	AM-4	325.35	0.015	2.520	0.065	0.144	0.144	0.105	0.015	0.006	0.006	<0.009	<0.009	<0.009	<0.009	<0.009	<0.009	<0.009	<0.009
4/(2-3)98	AM-3	324.00	0.014	1.883	0.034	0.102	0.105	0.077	0.006	0.003	<0.009	<0.009	<0.009	<0.009	<0.009	<0.009	<0.009	<0.009	<0.009
4/(6-7)/98	AM-4	339.00	0.098	4.130	0.083	0.295	0.186	0.156	0.021	0.027	0.021	0.009	0.009	0.009	0.003	0.006	0.006	<0.009	0.006
4/(14-15)/98	AM-6	324.00	0.129	3.395	0.127	0.340	0.290	0.309	0.059	0.071	0.059	0.022	0.022	0.022	0.009	0.015	0.012	<0.009	0.012
4/(15-16)/98	AM-7	324.16	0.006	0.025	<0.009	0.003	0.003	0.009	<0.009	<0.009	<0.009	<0.009	<0.009	<0.009	<0.009	<0.009	<0.009	<0.009	<0.009
4/(20-21)/98	AM-7	327.15	0.064	1.559	0.034	0.092	0.070	0.073	0.012	0.015	0.012	0.003	0.003	0.003	<0.009	<0.009	<0.009	<0.009	<0.009
4/(21-22)/98	AM-5	317.31	0.094	0.378	0.019	0.047	0.079	0.136	0.019	0.035	0.025	0.006	0.009	0.009	<0.009	0.006	0.006	<.009	0.006
4/(27-28)/98	AM-8	321.75	0.120	0.684	0.016	0.034	0.056	0.078	0.012	0.019	0.016	0.006	0.006	0.009	0.003	0.006	0.003	<.009	0.003
4/(28-29)/98	AM-1	323.10	0.191	1.919	0.102	0.099	0.124	0.152	0.028	0.034	0.025	0.009	0.009	0.009	0.003	0.006	0.006	<.009	0.006
5/(4-5)/98	AM-1	328.90	**0.292**	1.034	0.070	0.088	0.128	0.222	0.040	0.024	0.018	0.003	0.003	0.006	<0.009	<0.009	<0.009	<0.009	<0.009
5/(5-6)/98	AM-6	320.32	**0.284**	2.092	0.106	0.150	0.162	0.300	0.053	0.069	0.053	0.016	0.019	0.019	0.009	0.012	0.012	0.003	0.012
5/(12-13)/98	AM-9	324.23	**0.276**	0.102	0.015	0.046	0.056	0.204	0.046	0.089	0.077	0.015	0.022	0.022	0.006	0.009	0.012	0.003	0.012
5/(13-14)/98	AM-6	333.90	0.131	0.689	0.075	0.120	0.126	0.299	0.033	0.036	0.033	0.006	0.006	0.009	0.003	0.006	0.006	<0.009	0.006
5/(19-20)/98	AM-6	324.00	**0.358**	1.204	0.167	0.130	0.247	0.463	0.077	0.108	0.102	0.031	0.031	0.037	0.015	0.028	0.028	0.006	0.028
	PELs		0.2	1,200*	--	--	--	200	200	--	200	--	200	--	--	200	--	--	--
	Odor Threshold		--	1,600	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

				BTEX (µg/m³)			
Sample Date	Sample ID	Sample Vol. (mL)	Sample Vol. (m³)	Benzene	Ethylbenzene	Toluene	Xylenes (total)
2/26/98	AM-1	18,017	0.01802	<4.2	<4.2	<4.2	<4.2
3/3/98	AM-2	27,000	0.02700	<2.8	<2.8	<2.8	<2.8
3/23/98	AM-3	29,200	0.02920	2.9	3.8	5.5	10.5
3/25/98	AM-4	28,370	0.02837	6.7	4.9	6.3	6.3
4/1/98	AM-4	53,800	0.05380	16.0	11.0	18.0	20.6
4/2/98	AM-3	36,900	0.03690	8.3	9.6	14.0	20.1
4/6/98	AM-4	45,500	0.04550	4.2	6.7	8.6	1.4
4/15/98	AM-7	23,500	0.02350	<3.2	<3.2	<3.2	<6.4
4/22/98	AM-5	44,700	0.04470	<1.7	<1.7	<1.7	<3.4
4/29/98	AM-7	56,623	0.05662	2.1	<2	2.0	<4
4/29/98	AM-8	59,700	0.05970	<1.3	<1.3	<1.3	<2.6
5/5/98	AM-1	31,700	0.03170	<2.4	<2.4	<2.4	<4.8
5/12/98	AM-9	14,367	0.01437	<5.2	<5.2	9.1	<5.2
5/13/98	AM-6	29,600	0.02960	2.9	5	7.1	1.25
5/15/98	AM-1	42,000	0.04200	19	13	25	62
5/19/98	AM-6	17,100	0.01710	<4.4	<4.4	9.2	12.9
5/27/98**	AM-4	21,500	0.02150	<3.5	<3.5	<3.5	<3.5
	PELs			3,250	441,000	383,000	441,000
	Odor Threshold			4,800	399	600	86,800

Notes:

AM-1 is located on the north central property boundary approximately 100 ft south of fire hydrant adjacent to West Street (near former AS-2 sample).
AM-2 is located on the northeast corner property boundary.
AM-3 is located on the eastern property boundary - east of HP-101.
AM-4 is located on the north central property boundary - north of TP-13.
AM-5 is located on the southeast corner of the property.
AM-6 is located on the east side of the work area in the city of Stevens Point parking lot.
AM-7 is located on the northwest corner of the property, near Crosby Ave.
AM-8 is located in Pioneer Park, at the west extent of the site perimeter fence.
AM-9 is located on the north central property boundary adjacent to OW-4.
*denotes NR 445 compound limit of 2.5 percent of PEL
**Naphthalene also analyzed and not detected (detection limit = 3.5 µg/m³).
PEL = permissible exposure limit.

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

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

By: KMZ
Checked by: SLF

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

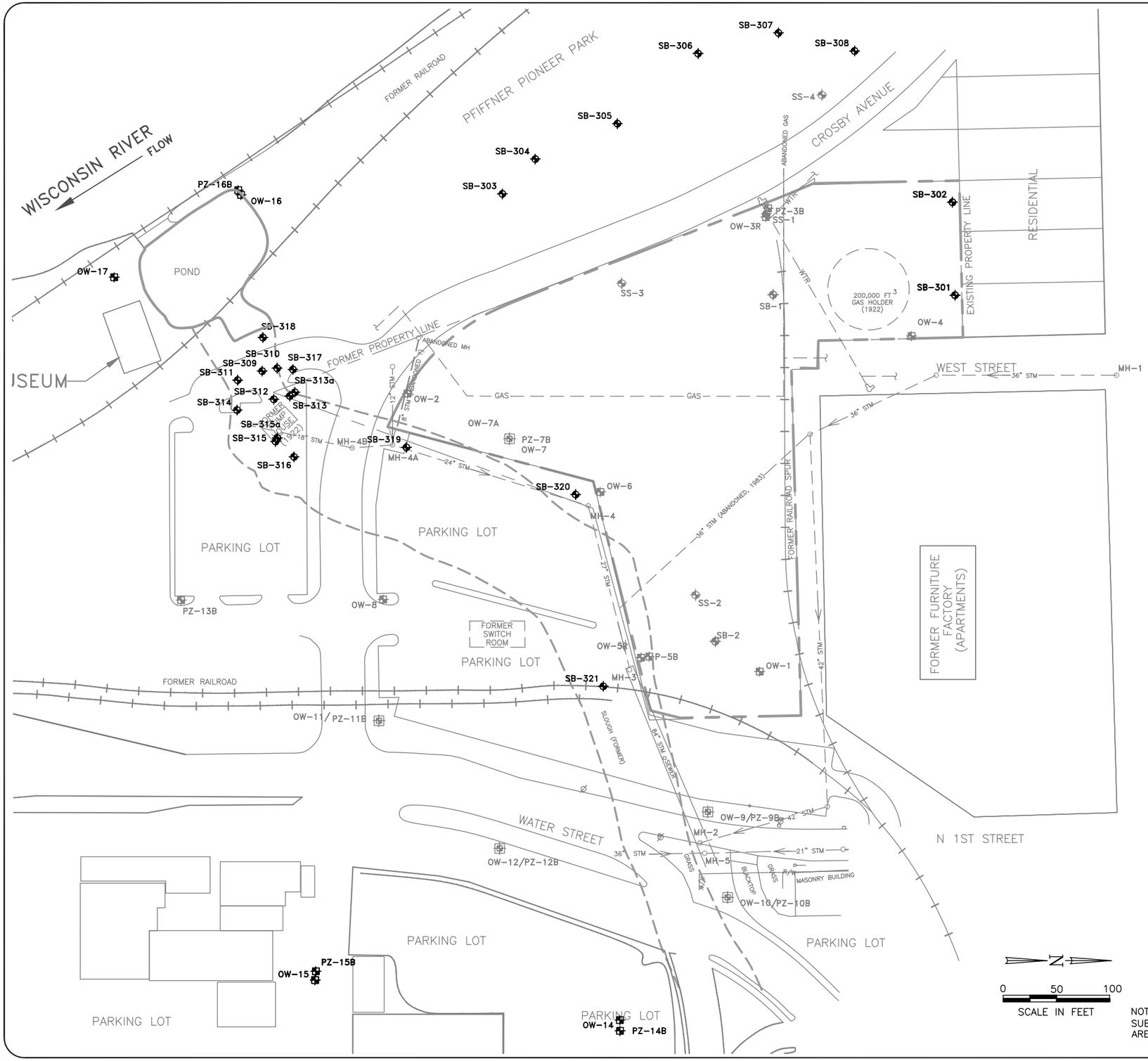
1177- Influent & Effluent.tbl

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

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

Notes:

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



LEGEND

- PZ-14B / OW-17 — WELL LOCATION (2007)
- SB-308 — SOIL BORING (2007)
- OW-1 — WATER TABLE OBSERVATION WELL
- OW-9 /PZ-9B — WATER TABLE OBSERVATION WELL
- P-5B — PIEZOMETER
- SS-4 — EDI SURFACE SAMPLE (1986)
- MH-1 — STORM SEWER MANHOLE
- HYDRANT
- UTILITY POLE
- WTR — WATER LINE
- GAS — GAS LINE
- STM — STORM SEWER
- MGP — MANUFACTURED GAS PLANT
- FORMER BUILDINGS
- FORMER MGP PROCESS STRUCTURES
- FORMER RAILROAD

SOURCE NOTES:
THIS MAP WAS DEVELOPED FROM DRAWINGS BY SIMON HYDRO-SEARCH, DATED 02/11/94, DRAWING NO. 3075-d8 AND DRAWING NO. 3075-d2, DATED 11/15/93, PROJECT 304533075, A MAP FROM THE CITY OF STEVENS POINT, DRAWING E2 M-1461, DATE UNKNOWN, A MAP FROM THE CITY OF STEVENS POINT, DRAWING A-3 M-1456, DATED 1986, AND DRAWINGS FROM WISCONSIN PUBLIC SERVICE CORP., WSK509.DWG AND STPTGAS.DWG. GAS LINE TAKEN FROM WSK509.DWG AND ABANDONED GAS LINE TAKEN FROM WPSC W.O. 0013098081, STEVENS POINT AREA MAP NO. 2106-252. ALL LOCATIONS INCLUDING UTILITIES ARE APPROXIMATE.
A SURVEY FROM WPSC DATED JANUARY 31, 2000 LOCATED WELLS AND BORINGS SB-207 THROUGH SB-216 INSTALLED JANUARY 2000.
A SURVEY FROM WPSC DATED 6/2/00 LOCATED MH-1, SG-1 AT BRIDGE AND RIVERS NORTH EDGE.
UNSURVEYED PORTION OF RIVER AND ISLAND FROM EARTHVISIONS U.S. TERRAIN SERIES © EARTHVISIONS, INC. 603-433-8500.

N

0 50 100

SCALE IN FEET

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

WELL AND SOIL BORING LOCATIONS 2007

REMEDIAL INVESTIGATION REPORT
WISCONSIN PUBLIC SERVICE CORPORATION
FORMER MANUFACTURE GAS PLANT, STEVENS POINT, WISCONSIN

DRAWN BY:	RLH	DATE: 05/19/08
CHECKED BY:	EPK	DATE: 05/30/08
APPROVED BY:	JMK	DATE: 06/04/08

DRAWING NO: 1177-1412-B05
REFERENCE: NONE

NATURAL RESOURCE TECHNOLOGY

PROJECT NO.
1177/14.5

FIGURE NO.
5

Table 4. Soil Analytical Results - Polynuclear Aromatic Hydrocarbon (PAH, µg/Kg)

1177 Wisconsin Public Service Corp., Stevens Point MGP Site Remediation Activities
1111 Crosby Avenue, Steven's Point, Wisconsin
USEPA# : WIN000509983 BRRTS# : 0250000079

Sample ID	Sample Depth	Collection Date	1-Methyl-naphtahlene	2-Methyl-naphthalene	Acenaphthene	Acenaph-thylene	Anthracene	Benzo (a) anthracene	Benzo (a) pyrene	Benzo (b) fluoranthene	Benzo (ghi) perylene	Benzo (k) fluoranthene	Chrysene	Dibenz (a,h) anthracene	Fluoranthene	Fluorene	Indeno (1,2,3-cd) pyrene	Naphthalene	Phenanthrene	Pyrene
Soil Screening Benchmarks																				
Ingestion Pathway, Residential			NS	NS	3400000	NS	17000000	600	60	600	NS	6000	62000	60	2300000	2300000	600	1100000	NS	1700000
Outdoor Worker Ingestion-Dermal			NS	NS	37000000	NS	180000000	2000	200	2000	NS	23000	230000	200	24000000	24000000	2000	12000000	NS	18000000
Indoor Worker Ingestion-Dermal			NS	NS	120000000	NS	610000000	8000	800	8000	NS	78000	780000	800	82000000	82000000	8000	41000000	NS	61000000
OW17																				
	10 - 12'	7/17/2007	< 48 Q UJ	< 54 Q UJ	< 52 Q UJ	< 44 Q UJ	< 46 Q UJ	260 Q J	**280 Q J**	240 Q J	130 Q	340 Q J	310 Q J	< 70 Q UJ	320 Q J	< 64 Q UJ	160 Q	< 80 Q UJ	83 Q	280 Q J
	12 - 14'	7/17/2007	< 40 Q UJ	< 45 Q UJ	< 43 Q UJ	< 36 Q UJ	< 39 Q UJ	< 34 Q UJ	< 41 Q UJ	< 43 Q UJ	< 52 Q UJ	< 39 Q UJ	< 53 Q UJ	< 58 Q UJ	< 58 Q UJ	< 53 Q UJ	< 65 Q UJ	< 67 Q UJ	< 34 Q UJ	< 30 Q UJ
PZ16																				
	12 - 14'	7/18/2007	6000	12000	12000	1100	11000	**6600**	**5500**	**4000**	2500	4100	5500	**910**	18000	8600	**2300**	27000	29000	13000
SB301																				
	0 - 1'	7/17/2007	< 4.3	< 4.5	< 4.2	< 4.1	< 5.1	10 Q	12 Q	13 Q	10 Q	11 Q	13 Q	< 3.9	25	< 4.9	8.4 Q	9.2 Q	15	20
SB302																				
	0 - 1'	7/17/2007	< 3.6	< 3.7	< 3.5	< 3.4	< 4.2	< 6.2	5.7 Q	6.2 Q	6.1 Q	5.4 Q	6.5 Q	< 3.2	7.7 Q	< 4	4.4 Q	6.2 Q	< 3.5	6.2 Q
SB303																				
	0 - 2'	7/17/2007	8 Q	12	6.7 Q	39	100	160	**200**	200	130	200	230	41	350	8.9 Q	110	15	120	280
SB304																				
	0 - 2'	7/17/2007	< 3.5	< 3.6	3.5 Q	< 3.3	10 Q	26	28	28	21	23	32	6.3 Q	77	< 3.9	17	< 4.6	41	57
SB305																				
	0 - 2'	7/17/2007	< 3.7	< 3.8	< 3.6	< 3.5	< 4.4	7.2 Q	8.7 Q	8.9 Q	6.4 Q	8.2 Q	9.4 Q	< 3.4	16	< 4.2	5.2 Q	< 4.9	6 Q	13
SB306																				
	0 - 2'	7/17/2007	< 4	< 4.1	< 3.9	< 3.8	< 4.7	< 6.9	< 3.7	< 3.7	< 4.6	< 4	< 5.7	< 3.6	4.1 Q	< 4.5	< 3.3	< 5.2	< 3.8	3.4 Q
SB307																				
	0 - 2'	7/17/2007	< 3.4	< 3.5	< 3.3	< 3.2	< 4	< 6	3.8 Q	4 Q	< 4	3.5 Q	5.6 Q	< 3.1	7.6 Q	< 3.8	< 2.8	< 4.5	3.8 Q	6.5 Q
SB308																				
	0 - 2'	7/17/2007	< 3.5	< 3.6	< 3.4	< 3.3	< 4.1	14 Q	16	20	15	18	21	4.9 Q	35	< 3.9	12	< 4.6	13	28
SB311																				
	13 - 15'	7/18/2007	820	1400	2500	240	3300	**1900**	**1900**	**1200**	840	1600	1600	**340**	5100	2200	**830**	1500	8000	3700
	18 - 20'	7/17/2007	< 38 Q UJ	< 43 Q UJ	< 41 Q UJ	< 35 Q UJ	< 37 Q UJ	< 33 Q UJ	< 39 Q UJ	< 41 Q UJ	< 50 Q UJ	< 37 Q UJ	< 51 Q UJ	< 56 Q UJ	< 56 Q UJ	< 51 Q UJ	< 63 Q UJ	< 64 Q UJ	< 32 Q UJ	< 29 Q UJ
SB312																				
	3 - 5'	7/17/2007	< 40 Q UJ	< 45 Q UJ	< 43 Q UJ	< 36 Q UJ	< 39 Q UJ	< 34 Q UJ	< 41 Q UJ	< 43 Q UJ	< 52 Q UJ	< 39 Q UJ	< 53 Q UJ	< 58 Q UJ	< 58 Q UJ	< 53 Q UJ	< 65 Q UJ	< 67 Q UJ	< 34 Q UJ	39 Q
	14 - 16'	7/18/2007	< 40 Q UJ	< 45 Q UJ	< 44 Q UJ	< 37 Q UJ	< 39 Q UJ	< 35 Q UJ	< 41 Q UJ	< 43 Q UJ	< 53 Q UJ	< 39 Q UJ	< 54 Q UJ	< 59 Q UJ	< 59 Q UJ	< 54 Q UJ	< 66 Q UJ	< 68 Q UJ	< 34 Q UJ	< 30 Q UJ
	23 - 25'	7/18/2007	< 3.8	< 4	< 3.8	< 3.6	< 4.5	< 6.7	< 3.6	< 3.6	< 4.5	< 3.9	< 5.5	< 3.5	4.7 Q	< 4.3	< 3.2	< 5.1	4.7 Q	3.2 Q
SB314																				
	14 - 16'	7/18/2007	42	66	110	11 Q	46	68	**86**	59	52	69	68	18	140	66	46	220	130	130
	23 - 25'	7/18/2007	< 3.8	< 3.9	< 3.7	< 3.6	8.9 Q	< 6.6	< 3.6	< 3.5	< 4.4	< 3.8	< 5.4	< 3.4	9.3 Q	4.5 Q	< 3.1	6.9 Q	13	6.6 Q
SB315																				
	11 - 13'	7/18/2007	110 Q	55 Q	530	190	1200	**1700**	**1500**	**1100**	750	1200	1500	**260**	3900	510	**690**	110 Q	2600	2900
SB316																				
	23 - 25'	7/18/2007	< 4	< 4.1	4.5 Q	< 3.8	15 Q	29	30	28	22	24	29	5.5 Q	78	4.7 Q	18	< 5.3	43	58
SB317																				
	13 - 15'	7/18/2007	5 Q	8.4 Q	8.1 Q	< 4.3	17 Q	< 7.8	5.4 Q	< 4.1	< 5.3	4.6 Q	6.5 Q	< 4.1	14	5.9 Q	< 3.7	35	21	12 Q
	16 - 18'	7/18/2007	49	52	89	< 3.6	12 Q	< 6.6	4.6 Q	< 3.5	< 4.4	4.1 Q	5.6 Q	< 3.4	11 Q	61	< 3.1	170	69	11

1177 Wisconsin Public Service Corp., Stevens Point MGP Site Remediation Activities
1111 Crosby Avenue, Steven's Point, Wisconsin
USEPA# : WIN000509983 **BRRTS# : 0250000079**

Sample ID	Sample Depth	Collection Date	1-Methyl-naphtahlene	2-Methyl-naphthalene	Acenaphthene	Acenaph-thylene	Anthracene	Benzo (a) anthracene	Benzo (a) pyrene	Benzo (b) fluoranthene	Benzo (ghi) perylene	Benzo (k) fluoranthene	Chrysene	Dibenz (a,h) anthracene	Fluoranthene	Fluorene	Indeno (1,2,3-cd) pyrene	Naphthalene	Phenanthrene	Pyrene
Soil Screening Benchmarks																				
Ingestion Pathway, Residential			NS	NS	3400000	NS	17000000	600	60	600	NS	6000	62000	60	2300000	2300000	600	1100000	NS	1700000
Outdoor Worker Ingestion-Dermal			NS	NS	37000000	NS	180000000	2000	200	2000	NS	23000	230000	200	24000000	24000000	2000	12000000	NS	18000000
Indoor Worker Ingestion-Dermal			NS	NS	120000000	NS	610000000	8000	800	8000	NS	78000	780000	800	82000000	82000000	8000	41000000	NS	61000000
SB318																				
	13 - 15'	7/18/2007	38000	72000	45000	23000	64000	**37000**	**28000**	**20000**	12000	**23000**	30000	**5000**	97000	53000	**12000**	200000	160000	69000
	18 - 20'	7/18/2007	< 4	< 4.1	4.8 Q	4.7 Q	28	22 Q	18	14	9 Q	15	19 Q	4.4 Q	50	8.4 Q	8.9 Q	6.4 Q	46	36
SB319																				
	2 - 6'	7/18/2007	580 Q	1000 Q	1000 Q	320	1600 Q	**1700 Q**	**2200 Q**	**1500**	1200	1800 Q	1500 Q	**400 Q**	3900 Q	1000 Q	**1100**	1800 Q	3500 Q	2800 Q
	10 - 12'	7/18/2007	64000	120000	110000	13000	75000	**62000**	**51000**	**34000**	22000	**40000**	51000	**8400**	160000	78000	**21000**	260000	250000	120000
	18 - 20'	7/18/2007	< 3.4	< 3.5	8.2 Q	< 3.2	9.1 Q	< 5.9	4.4 Q	< 3.1	< 4	3.7 Q	5.3 Q	< 3.1	16	9.9 Q	< 2.8	5.2 Q	23	11
SB320																				
	2 - 6'	7/18/2007	270	340	540	3100	5700	**13000**	**15000**	**12000**	9700	**12000**	13000	**3000**	27000	990	**8600**	950	11000	24000
	10 - 12'	7/18/2007	4900	8300	6900	2700	12000	**7000**	**6700**	**4500**	3700	5400	6400	**1100**	18000	6100	**3300**	22000	22000	14000
	18 - 20'	7/18/2007	< 3.6	< 3.7	< 3.5	< 3.4	16	14 Q	12	6.4 Q	6.3 Q	9.1 Q	12 Q	< 3.3	28	< 4.1	4.9 Q	< 4.8	8.5 Q	39
SB321																				
	2 - 6'	7/18/2007	21	32	60	100	230	**740**	**780**	**630**	370	660	700	**130**	1400	51	340	100	420	1100
	13 - 15'	7/18/2007	1300	640	2100	< 45	< 56	< 83	< 45	< 44	< 56	< 48	< 68	< 43	< 45	280	< 39	8000	300	50 Q
	19 - 20'	7/18/2007	26	13	110	< 3.5	26	< 6.5	3.7 Q	< 3.5	< 4.4	< 3.8	< 5.4	< 3.4	39	78	< 3.1	56	94	23

Notes

1) Samples that attain or exceed a soil screening benchmark are identified in underlined and bold.

NS: EPA Generic SSL has not been established for this parameter.
<2.0 : Parameter not detected above the Limit of Detection indicated.
-- : Parameter not analyzed.
Q: Analyte result has been qualified, see laboratory analytical report for additional information.
Other Qualifiers (J, N, R, etc.): Analyte result has been qualified by data validator, see validation report for additional information.

Table 5. Soil Analytical Summary - Petroleum Volatile Organic Compounds (PVOCs, µg/Kg), Cyanide (µg/Kg), and Phenols (µg/Kg)

1177 Wisconsin Public Service Corp., Stevens Point MGP Site Remediation Activities
1111 Crosby Avenue, Steven's Point, Wisconsin
USEPA# : WIN000509983 BRRTS# : 0250000079

Sample ID	*Sample Depth*	*Collection Date*	*Benzene*	*Ethyl-benzene*	*Toluene*	*Xylenes, M + P*	*Xylene, O*	*1,2,4-Trimethly-benzene*	*1,3,5-Trimethly-benzene*	*Methyl - Tert - Butyl- Ether*	*Cyanide, Total*	*2,4 -Dimethyl phenol*	*2-Methylphenol*	*3 and 4 Methylphenol*
Wisconsin Generic Soil Residual Contaminant Levels (RCLs) (NR 720, September 2007)														
Groundwater Pathway			5.5	2900	1500	4100	4100	NS	NS	NS	NS	NS	NS	NS
Non-Industrial Direct Contact			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Industrial Direct Contact			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Soil Screening Benchmarks														
Ingestion Pathway, Residential			12000	7800000	16000000	160000000	160000000	NS	NS	NS	1600000	1200000	3100000	NS
Outdoor Worker Ingestion-Dermal			58000	110000000	230000000	NS	NS	NS	NS	NS	23000000	14000000	34000000	NS
Indoor Worker Ingestion-Dermal			100000	200000000	410000000	1000000000	1000000000	NS	NS	NS	41000000	41000000	100000000	NS
OW17														
	10 - 12'	7/17/2007	< 25	< 25	< 25	< 50	< 25	< 25	< 25	< 25	92 Q	< 120 Q UJ	< 180 Q	< 36 Q UJ
	12 - 14'	7/17/2007	< 25	< 25	< 25	< 51	< 25	< 25	< 25	< 25	63 Q	< 100 Q UJ	< 150 Q	< 30 Q UJ
PZ16														
	12 - 14'	7/18/2007	1700 Q	11000 Q	4500 Q	19000 Q	7200 Q	25000 Q	12000 Q	< 1000 Q	340	< 1200 Q	< 1800 Q	< 370 Q
SB301														
	0 - 1'	7/17/2007	< 25	< 25	< 25	< 50	< 25	< 25	< 25	< 25	260	< 120	< 180	< 36
SB302														
	0 - 1'	7/17/2007	< 25	< 25	< 25	< 50	< 25	< 25	< 25	< 25	320 Q	< 99	< 150	< 30
SB303														
	0 - 2'	7/17/2007	< 25	< 25	< 25	< 50	< 25	< 25	< 25	< 25	--	--	--	--
SB304														
	0 - 2'	7/17/2007	< 25	< 25	< 25	< 50	< 25	< 25	< 25	< 25	--	--	--	--
SB305														
	0 - 2'	7/17/2007	< 25	< 25	< 25	< 50	< 25	< 25	< 25	< 25	--	--	--	--
SB306														
	0 - 2'	7/17/2007	< 25	< 25	< 25	< 50	< 25	< 25	< 25	< 25	--	--	--	--
SB307														
	0 - 2'	7/17/2007	< 25	< 25	< 25	< 50	< 25	< 25	< 25	< 25	--	--	--	--
SB308														
	0 - 2'	7/17/2007	< 25	< 25	< 25	< 51	< 25	< 25	< 25	< 25	--	--	--	--
SB311														
	13 - 15'	7/18/2007	35 Q	< 25	< 25	< 50	< 25	110	< 25	< 25	260 Q	< 110	< 170	49 Q
	18 - 20'	7/17/2007	< 25	< 25	< 25	< 50	< 25	< 25	< 25	< 25	62 Q	< 96 Q UJ	< 140 Q	< 29 Q UJ
SB312														
	3 - 5'	7/17/2007	< 25	< 25	< 25	< 50	< 25	< 25	< 25	< 25	66 Q	< 100 Q UJ	< 150 Q	< 30 Q UJ
	14 - 16'	7/18/2007	< 25	< 25	< 25	< 50	< 25	< 25	< 25	< 25	< 55	< 100 Q UJ	< 150 Q	< 31 Q UJ
	23 - 25'	7/18/2007	< 25	< 25	< 25	< 50	< 25	< 25	< 25	< 25	< 76	< 110	< 160	< 32

1177 Wisconsin Public Service Corp., Stevens Point MGP Site Remediation Activities
1111 Crosby Avenue, Steven's Point, Wisconsin
USEPA# : WIN000509983 BRRTS# : 0250000079

Sample ID	Sample Depth	Collection Date	Benzene	Ethyl-benzene	Toluene	Xylenes, M + P	Xylene, O	1,2,4-Trimethly-benzene	1,3,5-Trimethly-benzene	Methyl - Tert - Butyl- Ether	Cyanide, Total	2,4 -Dimethyl phenol	2-Methylphenol	3 and 4 Methylphenol
Wisconsin Generic Soil Residual Contaminant Levels (RCLs) (NR 720, September 2007)														
Groundwater Pathway			5.5	2900	1500	4100	4100	NS	NS	NS	NS	NS	NS	NS
Non-Industrial Direct Contact			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Industrial Direct Contact			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Soil Screening Benchmarks														
Ingestion Pathway, Residential			12000	7800000	16000000	160000000	160000000	NS	NS	NS	1600000	1200000	3100000	NS
Outdoor Worker Ingestion-Dermal			58000	110000000	230000000	NS	NS	NS	NS	NS	23000000	14000000	34000000	NS
Indoor Worker Ingestion-Dermal			100000	200000000	410000000	1000000000	1000000000	NS	NS	NS	41000000	41000000	100000000	NS
SB314														
	14 - 16'	7/18/2007	48 Q	< 25	51 Q	< 50	< 25	63 Q	< 25	< 25	910	< 130	< 190	< 38
	23 - 25'	7/18/2007	< 25	< 25	< 25	< 50	< 25	< 25	< 25	< 25	< 97	< 100	< 160	< 32
SB315														
	11 - 13'	7/18/2007	62 Q	< 25	100	< 50	46 Q	< 25	< 25	< 25	490	< 210 Q	< 320 Q	< 64 Q
SB316														
	23 - 25'	7/18/2007	< 25	< 25	< 25	< 50	< 25	< 25	< 25	< 25	< 86	< 110	< 170	< 33
SB317														
	13 - 15'	7/18/2007	< 25	< 25	< 25	< 50	< 25	< 25	< 25	< 25	130 Q	< 120	< 190	< 37
	16 - 18'	7/18/2007	< 25	< 25	< 25	< 50	< 25	< 25	< 25	< 25	< 83	< 100	< 160	< 32
SB318														
	13 - 15'	7/18/2007	5600 Q	16000 Q	16000 Q	33000 Q	14000 Q	26000 Q	11000 Q	< 1200 Q	140 Q	< 4600 Q	< 6900 Q	< 1400 Q
	18 - 20'	7/18/2007	< 25	< 25	< 25	< 50	< 25	< 25	< 25	< 25	< 61	< 110	< 170	< 33
SB319														
	2 - 6'	7/18/2007	55 Q	56 Q	170	130 Q	68 Q	86	34 Q	< 25	--	--	--	--
	10 - 12'	7/18/2007	1500 Q	7400 Q	910 Q	11000 Q	4500 Q	25000 Q	11000 Q	< 620 Q	420	< 5700 Q	--	< 1700 Q
	18 - 20'	7/18/2007	30 Q	< 25	< 25	< 50	< 25	< 25	< 25	< 25	160 Q	< 94	< 140	< 28
SB320														
	2 - 6'	7/18/2007	120	46 Q	180	210	150	100	54 Q	< 25	--	--	--	--
	10 - 12'	7/18/2007	110 Q	1500 Q	260 Q	1400 Q	640 Q	1600 Q	790 Q	< 62 Q	3500	< 1100 Q	< 1700 Q	< 330 Q
	18 - 20'	7/18/2007	< 25	< 25	< 25	< 50	< 25	< 25	< 25	< 25	< 36	< 100	< 150	< 30
SB321														
	2 - 6'	7/18/2007	< 25	< 25	< 25	< 50	< 25	< 25	< 25	< 25	--	--	--	--
	13 - 15'	7/18/2007	< 25	360	< 25	320	220	1200	500	< 25	93 Q	< 130	< 200	< 40
	19 - 20'	7/18/2007	< 25	< 25	< 25	< 50	< 25	71 Q	< 25	< 25	64 Q	< 100	< 150	< 31

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1111 Crosby Avenue, Steven's Point, Wisconsin
USEPA# : WIN000509983 BRRTS# : 0250000079

Sample ID	Sample Depth	Collection Date	Benzene	Ethyl-benzene	Toluene	Xylenes, M + P	Xylene, O	1,2,4-Trimethly-benzene	1,3,5-Trimethly-benzene	Methyl - Tert - Butyl- Ether	Cyanide, Total	2,4 -Dimethyl phenol	2-Methylphenol	3 and 4 Methylphenol
Wisconsin Generic Soil Residual Contaminant Levels (RCLs) (NR 720, September 2007)														
Groundwater Pathway			5.5	2900	1500	4100	4100	NS	NS	NS	NS	NS	NS	NS
Non-Industrial Direct Contact			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Industrial Direct Contact			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Soil Screening Benchmarks														
Ingestion Pathway, Residential			12000	7800000	16000000	160000000	160000000	NS	NS	NS	1600000	1200000	3100000	NS
Outdoor Worker Ingestion-Dermal			58000	110000000	230000000	NS	NS	NS	NS	NS	23000000	14000000	34000000	NS
Indoor Worker Ingestion-Dermal			100000	200000000	410000000	1000000000	1000000000	NS	NS	NS	41000000	41000000	100000000	NS

Notes

1) Samples that attain or exceed a soil screening benchmark are identified in underlined and bold.
2) Only detected parameters are shown in report, reference the laboratory analytical report for full list of compounds analyzed.
3) The soil screening benchmark for xylenes derived from the EPA Generic SSLs for m-xylene, o-xylene, and p-xylene.
4) The soil screening benchmark for free cyanide is used for the total cyanides Soil Standard Level.

NS: NR 720 Residual Contaminant Level, NR 746 Risk Screening Criteria standard or EPA Generic Soil Standard Level has not been established
<2.0 : Parameter not detected above the Limit of Detection indicated.
--: Analysis not performed.
Q: Analyte result has been qualified, see laboratory analytical report for additional information.
Other Qualifiers (J, N, R, etc.): Analyte result has been qualified by data validator, see validation report for additional information.

Table 6. Soil Analytical Results - Metals (µg/Kg)

1177 Wisconsin Public Service Corp., Stevens Point MGP Site Remediation Activities
1111 Crosby Avenue, Steven's Point, Wisconsin
USEPA# : WIN000509983 BRRTS# : 0250000079

Sample ID	Sample Depth	Collection Date	Aluminum	Antimony	Arsenic	Barium	Cadmium	Chromium	Copper	Iron	Lead	Manganese	Mercury	Nickel	Selenium	Silver	Vanadium	Zinc
Wisconsin Generic Soil Residual Contaminant Levels (RCLs) (NR 720, September 2007)																		
Groundwater Pathway			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Non-industrial Direct Contact Pathway			NS	NS	39	NS	8000	14000	NS	NS	50000	NS	NS	NS	NS	NS	NS	NS
Industrial Direct Contact Pathway			NS	NS	1600	NS	510000	200000	NS	NS	500000	NS	NS	NS	NS	NS	NS	NS
Soil Screening Benchmarks																		
Ingestion Pathway, Residential			NS	31000	400	5500000	70000	230000	3100000	NS	400000	NS	23000	1600000	390000	390000	550000	23000000
Outdoor Worker Ingestion-Dermal			NS	450000	2000	79000000	900000	3400000	41000000	NS	NS	NS	340000	23000000	5700000	5700000	7900000	340000000
Indoor Worker Ingestion-Dermal			NS	820000	4000	140000000	2000000	6100000	NS	NS	NS	NS	610000	41000000	10000000	10000000	14000000	610000000
OW17																		
	10 - 12'	7/17/2007	13000000	--	**2600**	86000 J	320	21000 J	15000	14000000	13000	260000 J	99	13000	420 Q	--	43000 J	70000
	12 - 14'	7/17/2007	10000000	--	**1900**	40000 J	180	24000 J	11000	15000000	4800	160000 J	20	9800	400 Q	--	43000 Q J	28000
PZ16																		
	12 - 14'	7/18/2007	2800000	< 110 Q U	**800**	17000 J	140 Q	7800 J	11000	4800000	13000	64000 J	18	3900	< 77 Q U	< 23	12000 J	26000
SB301																		
	0 - 1'	7/17/2007	5800000	130 Q J	**1400**	47000 J	270	4900 J	5600	11000000	17000	200000 J	13	3900	440 Q	< 22 U	9600 J	44000
SB302																		
	0 - 1'	7/17/2007	7800000	360 Q	**690**	89000 J	850	2000 J	4500	26000000	13000	350000 J	3.7 Q	1800	1200	< 56 Q U	3800 J	85000
SB311																		
	13 - 15'	7/18/2007	7800000	< 80 Q U	**1100**	26000 J	160	18000 J	5000	11000000	6300	64000 J	24	6700	250 Q J	< 21	34000 J	24000
	18 - 20'	7/17/2007	3200000	--	310	16000 J	92 Q	8100 J	9500	5400000	1200	55000 J	< 1.9	5900	120 Q J	--	15000 J	11000 Q
SB312																		
	3 - 5'	7/17/2007	1900000	< 87 Q U	**750**	8900 J	66 Q	4000 J	4000	2300000	3300	22000 J	15	1800	< 100 Q U	< 18	5200 J	11000
	14 - 16'	7/18/2007	2900000 Q J	--	**950 Q**	9800 Q J	140 Q	5800 Q J	4400	3800000 Q J	1100 Q	48000 Q J	5.2 Q	5400	< 120 Q U	--	11000 Q J	9700 Q
	23 - 25'	7/18/2007	1200000	< 32 Q U	220	6100 J	49 Q	3200 J	3100	3000000	610	25000 J	< 2.1	2300	< 100 Q U	< 20	8900 J	5000
SB314																		
	14 - 16'	7/18/2007	3800000	140 Q J	**630**	23000 J	150 Q	8700 J	7100	3900000	11000	74000 J	62	5300	520 Q	< 24	20000 J	36000
	23 - 25'	7/18/2007	3100000	< 31 Q U	**470**	11000 J	97 Q	5900 J	17000	8700000	1100	58000 J	< 2.1	6400	< 120 Q U	< 19	20000 J	12000
SB315																		
	11 - 13'	7/18/2007	3400000	230 Q J	**1500 Q**	32000 Q J	300 Q	6700 Q J	9200 Q J	5500000	32000 Q J	120000 Q J	14	5200 Q J	210 Q J	< 20	11000 Q J	23000
SB316																		
	23 - 25'	7/18/2007	2000000	< 33	390	11000 J	67 Q	5700 J	8100	5100000	1000	46000 J	< 2.2	3900	< 38 Q U	< 21	14000 J	7400
SB317																		
	13 - 15'	7/18/2007	6500000	< 37	**430**	26000 J	120 Q	14000 J	6800	5200000	3600	61000 J	24	5600	510 Q	< 23	21000 J	19000
	16 - 18'	7/18/2007	2000000	< 75 Q U	300	12000 J	52 Q	4800 J	5300	2400000	7300	28000 J	30	2800	< 71 Q U	< 19	6400 J	12000
SB318																		
	13 - 15'	7/18/2007	8300000	320 Q J	**2500**	49000 J	320	24000 J	23000	14000000	15000	120000 J	24	12000	410 Q	< 21	57000 J	18000
	18 - 20'	7/18/2007	3300000	< 33	280	14000 J	110 Q	9400 J	8600	5300000	1300	60000 J	< 2.2	6100	< 38	< 21	13000 J	12000

1177 Wisconsin Public Service Corp., Stevens Point MGP Site Remediation Activities
1111 Crosby Avenue, Steven's Point, Wisconsin
USEPA# : WIN000509983 **BRRTS# : 0250000079**

Sample ID	Sample Depth	Collection Date	Aluminum	Antimony	Arsenic	Barium	Cadmium	Chromium	Copper	Iron	Lead	Manganese	Mercury	Nickel	Selenium	Silver	Vanadium	Zinc
Wisconsin Generic Soil Residual Contaminant Levels (RCLs) (NR 720, September 2007)																		
Groundwater Pathway			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Non-industrial Direct Contact Pathway			NS	NS	39	NS	8000	14000	NS	NS	50000	NS	NS	NS	NS	NS	NS	NS
Industrial Direct Contact Pathway			NS	NS	1600	NS	510000	200000	NS	NS	500000	NS	NS	NS	NS	NS	NS	NS
Soil Screening Benchmarks																		
Ingestion Pathway, Residential			NS	31000	400	5500000	70000	230000	3100000	NS	400000	NS	23000	1600000	390000	390000	550000	23000000
Outdoor Worker Ingestion-Dermal			NS	450000	2000	79000000	900000	3400000	41000000	NS	NS	NS	340000	23000000	5700000	5700000	7900000	340000000
Indoor Worker Ingestion-Dermal			NS	820000	4000	140000000	2000000	6100000	NS	NS	NS	NS	610000	41000000	10000000	10000000	14000000	610000000
SB319																		
	10 - 12'	7/18/2007	4500000	< 110 Q U	**2500**	46000 J	780	8900 J	16000	6700000	130000	84000 J	46	6400	390 Q	22 Q U	17000 J	190000
	18 - 20'	7/18/2007	4200000	< 74 Q U	**1800**	17000 J	130	14000 J	14000	13000000	1600	96000 J	< 1.9	7200	140 Q J	< 17	26000 J	13000
SB320																		
	10 - 12'	7/18/2007	3000000	340 Q J	**1500**	24000 J	240	6500 J	17000	6800000	58000	63000 J	200	4800	170 Q J	< 20	11000 J	120000
	18 - 20'	7/18/2007	2700000	< 31 Q U	210	19000 J	61 Q	6100 J	6100	3400000	950	39000 J	< 2	4700	< 36 Q U	< 18	8700 J	8800
SB321																		
	13 - 15'	7/18/2007	5600000	< 83 Q U	**530**	38000 J	130 Q	9500 J	5200	4900000	5000	61000 J	17	4700	400 Q	< 24	12000 J	20000
	19 - 20'	7/18/2007	2600000	< 34 Q U	**510**	15000 J	58 Q	5400 J	5000	4600000	1000	36000 J	2.2 Q	3900	< 96 Q U	< 19	9200 J	10000

Notes

1) Samples that attain or exceed a soil screening benchmark are identified in underlined and bold.

NS: Wisconsin Department of Natural Resources Generic Soil Residual Contaminant Level (RCL) or an EPA Generic SSL has not been established for this parameter.

<2.0 : Parameter not detected above the Limit of Detection indicated.
-- : Parameter not analyzed.
Q: Analyte result has been qualified, see laboratory analytical report for additional information.
Other Qualifiers (J, N, R, etc.): Analyte result has been qualified by data validator, see validation report for additional information.

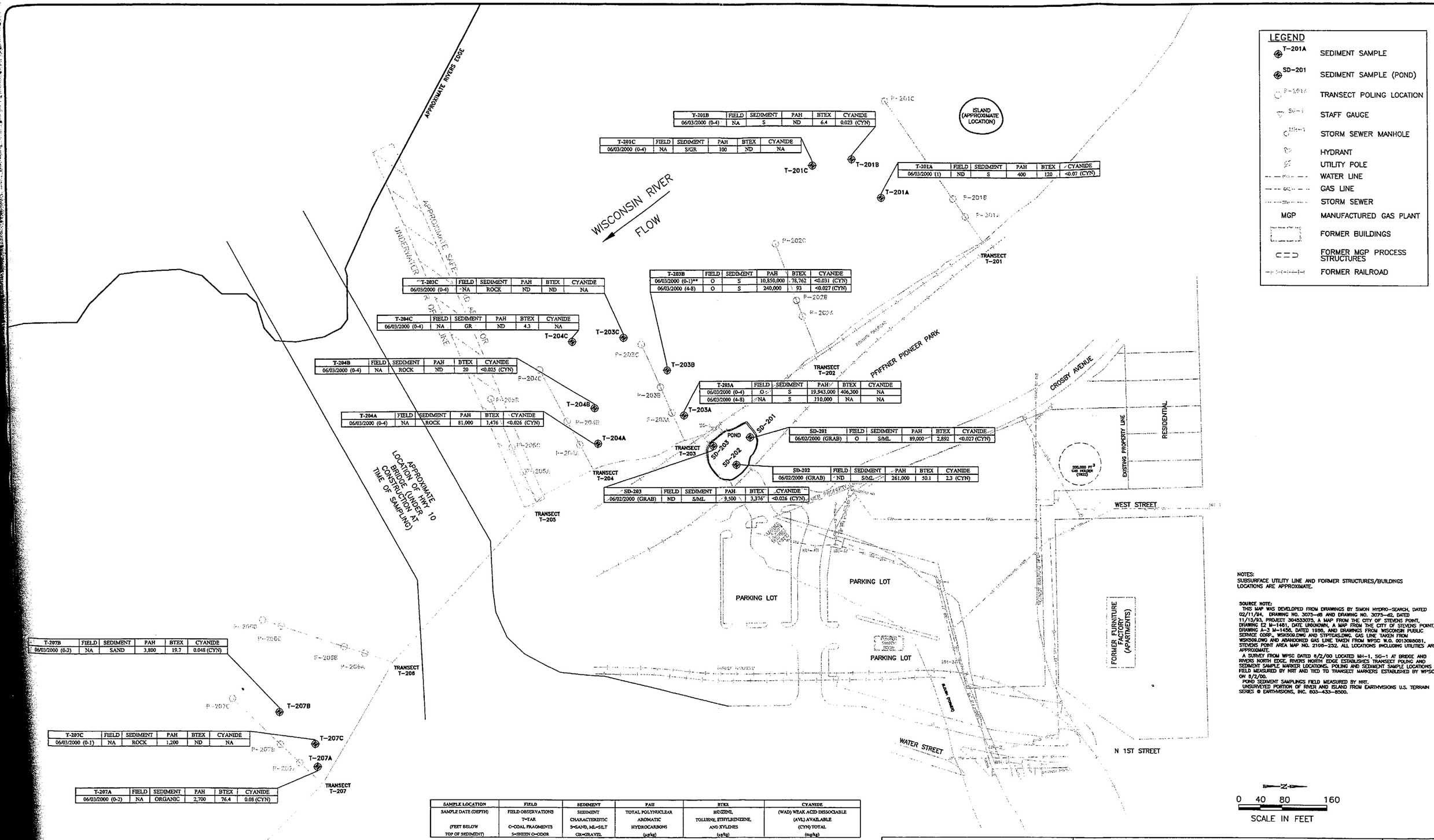
APPENDIX B-2

SEDIMENT PHOTOS, ANALYTICAL RESULTS AND SAMPLING LOCATIONS

Photo #1 – Pfiffner Pioneer Park Pond during river drawdown for dam repairs in 2008 (looking east)

Photo #2 – Wisconsin River adjacent to Pfiffner Pioneer Park Pond during river drawdown for dam repairs in 2008 (looking north from river edge)

Photo #3 – Wisconsin River adjacent to Pfiffner Pioneer Park Pond during river drawdown for dam repairs in 2008 (looking east from river bed)



T-201B	FIELD	SEDIMENT	PAH	BTEX	CYANIDE
06/03/2000 (0-4)	NA	S	ND	6.4	0.023 (CYN)

T-201C	FIELD	SEDIMENT	PAH	BTEX	CYANIDE
06/03/2000 (0-4)	NA	S/GR	100	ND	NA

T-201A	FIELD	SEDIMENT	PAH	BTEX	CYANIDE
06/03/2000 (1)	ND	S	400	120	<0.07 (CYN)

T-203C	FIELD	SEDIMENT	PAH	BTEX	CYANIDE
06/03/2000 (0-4)	NA	ROCK	ND	ND	NA

T-203B	FIELD	SEDIMENT	PAH	BTEX	CYANIDE
06/03/2000 (0-1)**	O	S	10,850,000	78,762	<0.031 (CYN)
06/03/2000 (4-8)	O	S	240,000	93	<0.027 (CYN)

T-204C	FIELD	SEDIMENT	PAH	BTEX	CYANIDE
06/03/2000 (0-4)	NA	GR	ND	4.3	NA

T-204B	FIELD	SEDIMENT	PAH	BTEX	CYANIDE
06/03/2000 (0-4)	NA	ROCK	ND	20	<0.025 (CYN)

T-203A	FIELD	SEDIMENT	PAH	BTEX	CYANIDE
06/03/2000 (0-4)	O	S	19,943,000	406,300	NA
06/03/2000 (4-8)	NA	S	110,000	NA	NA

T-204A	FIELD	SEDIMENT	PAH	BTEX	CYANIDE
06/03/2000 (0-4)	NA	ROCK	81,000	1,476	<0.026 (CYN)

SD-201	FIELD	SEDIMENT	PAH	BTEX	CYANIDE
06/02/2000 (GRAB)	O	S/ML	89,000	2,892	<0.027 (CYN)

SD-202	FIELD	SEDIMENT	PAH	BTEX	CYANIDE
06/02/2000 (GRAB)	ND	S/ML	261,000	50.1	2.3 (CYN)

SD-203	FIELD	SEDIMENT	PAH	BTEX	CYANIDE
06/02/2000 (GRAB)	ND	S/ML	9,500	3,376	<0.026 (CYN)

T-207B	FIELD	SEDIMENT	PAH	BTEX	CYANIDE
06/03/2000 (0-2)	NA	SAND	3,800	19.7	0.048 (CYN)

T-207C	FIELD	SEDIMENT	PAH	BTEX	CYANIDE
06/03/2000 (0-1)	NA	ROCK	1,200	ND	NA

T-207A	FIELD	SEDIMENT	PAH	BTEX	CYANIDE
06/03/2000 (0-2)	NA	ORGANIC	2,700	76.4	0.08 (CYN)

SAMPLE LOCATION	FIELD	SEDIMENT	PAH	BTEX	CYANIDE
SAMPLE DATE (DEPTH)	FIELD OBSERVATIONS	SEDIMENT	TOTAL POLYNUCLEAR	BENZENE,	(WAD) WEAK ACID DISSOCIABLE
	T=TAR	CHARACTERISTIC	AROMATIC	TOLUENE, ETHYLBENZENE,	(AVL) AVAILABLE
(FEET BELOW	C=COAL FRAGMENTS	S=SAND, M/L=SILT	HYDROCARBONS	AND XYLENES	(CYN) TOTAL
TOP OF SEDIMENT)	S=SHEEN O=ODOR	GR=GRAVEL	(µg/kg)	(µg/kg)	(mg/kg)

ND = CONSTITUENTS WERE ANALYZED FOR BUT NOT DETECTED AT THE DETECTION LIMIT.
NA = NOT ANALYZED
µg/kg = MICROGRAMS PER KILOGRAM
mg/kg = MILLIGRAM PER KILOGRAM
GRAB=PONAR SAMPLE
**= SAMPLE RE-ANALYZED AFTER HOLD TIME EXPIRED DUE TO QUALITY CONTROL FAILURE ON INITIAL ANALYSIS.
PHYSICAL FORM OF TAR VARIES (eg. TRACE, DROPLETS, SHEEN), REFER TO SEDIMENT INVESTIGATION REPORTS FOR ADDITIONAL DESCRIPTIONS.

LEGEND

- T-201A — SEDIMENT SAMPLE
- SD-201 — SEDIMENT SAMPLE (POND)
- P-201A — TRANSECT POLING LOCATION
- SG-1 — STAFF GAUGE
- MH-1 — STORM SEWER MANHOLE
- HYDRANT
- UTILITY POLE
- WATER LINE
- GAS LINE
- STORM SEWER
- MGP — MANUFACTURED GAS PLANT
- FORMER BUILDINGS
- FORMER MGP PROCESS STRUCTURES
- FORMER RAILROAD

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

SOURCE NOTE:
THIS MAP WAS DEVELOPED FROM DRAWINGS BY SIMON HYDRO-SEARCH, DATED 02/11/94, DRAWING NO. 3075-d8 AND DRAWING NO. 3075-d2, DATED 11/19/93, PROJECT 3045330T5, A MAP FROM THE CITY OF STEVENS POINT, DRAWING E2 M-1481, DATE UNKNOWN, A MAP FROM THE CITY OF STEVENS POINT, DRAWING A-3 M-1456, DATED 1986, AND DRAWINGS FROM WISCONSIN PUBLIC SERVICE CORP., WSK509.DWG AND STPTCAS.DWG. GAS LINE TAKEN FROM WSK509.DWG AND ABANDONED GAS LINE TAKEN FROM WPSC W.O. 0013098001, STEVENS POINT AREA MAP NO. 2105-232. ALL LOCATIONS INCLUDING UTILITIES ARE APPROXIMATE.
A SURVEY FROM WPSC DATED 8/2/00 LOCATED MH-1, SG-1 AT BRIDGE AND RIVERS NORTH EDGE. RIVERS NORTH EDGE ESTABLISHES TRANSECT POLING AND SEDIMENT SAMPLE MARKER LOCATIONS. POLING AND SEDIMENT SAMPLE LOCATIONS FIELD MEASURED BY NRT AND TIED TO TRANSECT MARKERS ESTABLISHED BY WPSC ON 8/2/00.
POND SEDIMENT SAMPLINGS FIELD MEASURED BY NRT.
UNSURVEYED PORTION OF RIVER AND ISLAND FROM EARTHVISIONS U.S. TERRAIN SERIES © EARTHVISIONS, INC. 603-433-8500.

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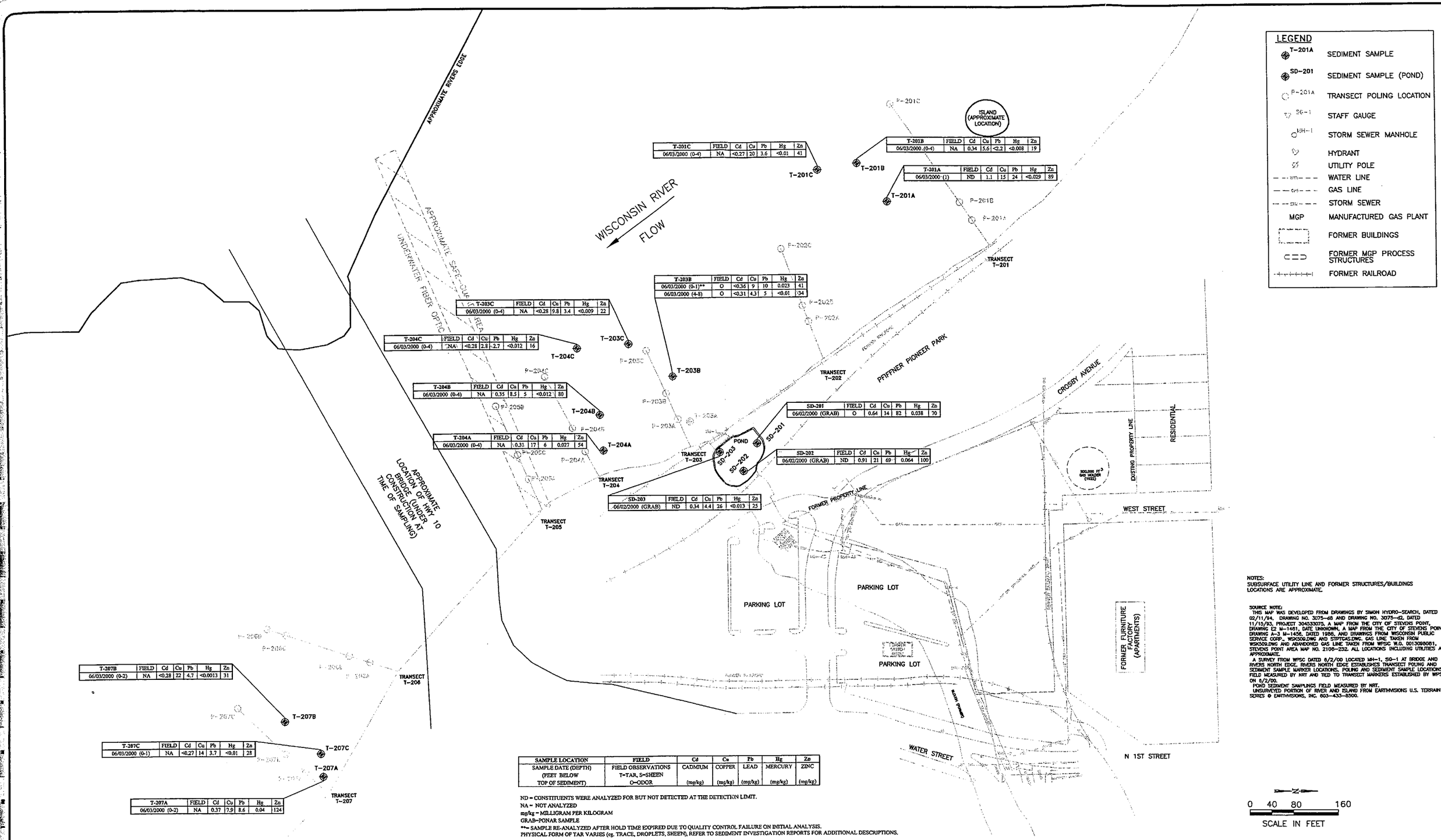
SEDIMENT ORGANIC ANALYTICAL SUMMARY
FORMER STEVENS POINT MANUFACTURED GAS PLANT SITE
WISCONSIN PUBLIC SERVICE CORPORATION
STEVENS POINT, WISCONSIN

CAD FILE: 1515\5\STPT\1515-5S-D01.DWG
REFERENCE FILES:

PROJECT NO.	1515/5/STPT
DRAWN BY:	TAS 02/04/05
CHECKED BY:	MJR 02/04/05
APPROVED BY:	LLP 02/04/05
SHEET NO.	ST PT-1



T-201C	FIELD	Cd	Cu	Pb	Hg	Zn
06/03/2000 (0-4)	NA	<0.27	20	3.6	<0.01	41

T-201B	FIELD	Cd	Cu	Pb	Hg	Zn
06/03/2000 (0-4)	NA	0.34	5.6	<2.2	<0.008	19

T-201A	FIELD	Cd	Cu	Pb	Hg	Zn
06/03/2000 (1)	ND	1.1	15	24	<0.029	89

T-203B	FIELD	Cd	Cu	Pb	Hg	Zn
06/03/2000 (0-1)**	O	<0.36	9	10	0.023	41
06/03/2000 (4-8)	O	<0.31	4.3	5	<0.01	34

T-203C	FIELD	Cd	Cu	Pb	Hg	Zn
06/03/2000 (0-4)	NA	<0.28	9.8	3.4	<0.009	22

T-204C	FIELD	Cd	Cu	Pb	Hg	Zn
06/03/2000 (0-4)	NA	<0.28	2.8	2.7	<0.012	16

T-204B	FIELD	Cd	Cu	Pb	Hg	Zn
06/03/2000 (0-4)	NA	0.35	8.5	5	<0.012	80

T-204A	FIELD	Cd	Cu	Pb	Hg	Zn
06/03/2000 (0-4)	NA	0.31	17	6	0.027	54

SD-201	FIELD	Cd	Cu	Pb	Hg	Zn
06/02/2000 (GRAB)	O	0.64	14	82	0.038	70

SD-202	FIELD	Cd	Cu	Pb	Hg	Zn
06/02/2000 (GRAB)	ND	0.91	21	69	0.064	100

SD-203	FIELD	Cd	Cu	Pb	Hg	Zn
06/02/2000 (GRAB)	ND	0.34	4.4	26	<0.013	25

T-207B	FIELD	Cd	Cu	Pb	Hg	Zn
06/03/2000 (0-2)	NA	<0.28	22	4.7	<0.0013	31

T-207C	FIELD	Cd	Cu	Pb	Hg	Zn
06/03/2000 (0-1)	NA	<0.27	14	3.7	<0.01	28

T-207A	FIELD	Cd	Cu	Pb	Hg	Zn
06/03/2000 (0-2)	NA	0.37	7.9	8.6	0.04	124

SAMPLE LOCATION	FIELD	Cd	Cu	Pb	Hg	Zn
SAMPLE DATE (DEPTH) (FEET BELOW TOP OF SEDIMENT)	FIELD OBSERVATIONS T=TAR, S=SHEEN O=ODOR	CADMIUM (mg/kg)	COPPER (mg/kg)	LEAD (mg/kg)	MERCURY (mg/kg)	ZINC (mg/kg)

ND = CONSTITUENTS WERE ANALYZED FOR BUT NOT DETECTED AT THE DETECTION LIMIT.
NA = NOT ANALYZED
mg/kg = MILLIGRAM PER KILOGRAM
GRAB=PONAR SAMPLE
**= SAMPLE RE-ANALYZED AFTER HOLD TIME EXPIRED DUE TO QUALITY CONTROL FAILURE ON INITIAL ANALYSIS.
PHYSICAL FORM OF TAR VARIES (eg. TRACE, DROPLETS, SHEEN), REFER TO SEDIMENT INVESTIGATION REPORTS FOR ADDITIONAL DESCRIPTIONS.

LEGEND

- T-201A — SEDIMENT SAMPLE
- SD-201 — SEDIMENT SAMPLE (POND)
- P-201A — TRANSECT POLING LOCATION
- SG-1 — STAFF GAUGE
- MH-1 — STORM SEWER MANHOLE
- HYDRANT
- UTILITY POLE
- WATER LINE
- GAS LINE
- STORM SEWER
- MGP — MANUFACTURED GAS PLANT
- FORMER BUILDINGS
- FORMER MGP PROCESS STRUCTURES
- FORMER RAILROAD

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

SOURCE NOTE:
THIS MAP WAS DEVELOPED FROM DRAWINGS BY SIMON HYDRO-SEARCH, DATED 02/11/94, DRAWING NO. 3075-05 AND DRAWING NO. 3075-02, DATED 11/15/93, PROJECT 304533075, A MAP FROM THE CITY OF STEVENS POINT, DRAWING E2 M-1461, DATE UNKNOWN, A MAP FROM THE CITY OF STEVENS POINT, DRAWING A-3 M-1458, DATED 1986, AND DRAWINGS FROM WISCONSIN PUBLIC SERVICE CORP., WSK509.DWG AND STPTGAS.DWG. GAS LINE TAKEN FROM WSK509.DWG AND ABANDONED GAS LINE TAKEN FROM WPSC W.O. 001309808I, STEVENS POINT AREA MAP NO. 2105-252. ALL LOCATIONS INCLUDING UTILITIES ARE APPROXIMATE.
A SURVEY FROM WPSC DATED 8/2/00 LOCATED MH-1, SG-1 AT BRIDGE AND RIVERS NORTH EDGE. RIVERS NORTH EDGE ESTABLISHES TRANSECT POLING AND SEDIMENT SAMPLE MARKER LOCATIONS. POLING AND SEDIMENT SAMPLE LOCATIONS FIELD MEASURED BY NRT AND TIED TO TRANSECT MARKERS ESTABLISHED BY WPSC ON 8/2/00.
POND SEDIMENT SAMPLINGS FIELD MEASURED BY NRT.
UNSURVEYED PORTION OF RIVER AND ISLAND FROM EARTHVISIONS U.S. TERRAIN SERIES © EARTHVISIONS, INC. 603-433-8500.

0 40 80 160
SCALE IN FEET

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SEDIMENT INORGANIC ANALYTICAL SUMMARY
FORMER STEVENS POINT MANUFACTURED GAS PLANT SITE
WISCONSIN PUBLIC SERVICE CORPORATION
STEVENS POINT, WISCONSIN

CAD FILE: 1515\5\STPT\1515-5S-D02.DWG
REFERENCE FILES:

PROJECT NO.	1515/5/STPT
DRAWN BY:	TAS 02/04/05
CHECKED BY:	MJR 02/04/05
APPROVED BY:	LLP 02/04/05
SHEET NO.	ST PT-2

Table 10. Sediment Analytical Summary - PAHs
Supplemental Site Investigation and Groundwater Monitoring Report
Former Stevens Point Manufactured Gas Plant Site - Wisconsin Public Service Corporation

Sample Identification	Date	Polynuclear Aromatic Hydrocarbons (mg/kg)																		
		Naphthalene	Acenaphthylene	Acenaphthene	Fluorene	Phenanthrene	Anthracene	Fluoranthene	Pyrene	Benz(a)anthracene	Chrysene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Benzo(a)pyrene	Indeno(1,2,3-cd)pyrene	Dibenz(a,h)anthracene	Benzo(g,h,i)perylene	1-Methylnaphthalene	2-Methylnaphthalene	Total PAHs
Pond Sampling Results																				
SD-201	06/02/00	0.498	1.24	0.291	0.531	5.19	2.52	15.1	11.2	8.4	8.54	6.44	8.04	8.97	4.82	2.18	4.65	<0.11	0.137	89
SD-202	06/02/00	1.86	3.78	4.47	6.19	35.9	16.7	46.7	32.1	21.6	18.3	15.6	15.8	19.2	8.43	4.17	7.46	0.963	1.39	261
SD-203	06/02/00	0.095	0.154	<0.097	<0.121	0.489	0.279	1.75	1.26	0.913	0.879	0.572	0.954	0.899	0.512	0.25	0.485	<0.106	<0.106	9.5
Wisconsin River Sediment Sampling Results																				
T201A(1)	06/03/00	<0.048	<0.062	<0.053	<0.065	<0.053	<0.051	0.092	0.059	0.077	0.062	0.06	<0.090	0.081	<0.140	<0.128	<0.100	<0.057	<0.057	0.4
T201B(0-4)	06/03/00	<0.016	<0.020	<0.017	<0.022	<0.017	<0.017	<0.013	<0.016	<0.022	<0.020	<0.017	<0.030	<0.017	<0.046	<0.042	<0.033	<0.019	<0.019	nd
T201C(0-4)	06/03/00	0.021	<0.021	0.018	<0.022	0.052	<0.018	<0.013	0.024	<0.022	<0.021	<0.017	<0.031	<017	<0.048	<0.044	<0.034	<0.020	<0.020	0.1
T203A(0-4)	06/03/00	4,860	468	821	967	3,110	1,000	2,060	1,180	742	645	492	555	584	246	133	209	651	1,220	19,943
T203A(4-8)	06/03/00	3.32	1.31	2.3	2.6	15.4	7.1	19.6	13.1	8.63	7.34	5.49	7.75	7.4	2.66	0.947	2.26	0.997	1.48	110
T203B(0-1)*	06/03/00	2,270	81.9	740	607	1,930	603	1,280	828	420	348	368	228	334	123	55.8	97.6	180	356	10,850
T203B(4-8)	06/03/00	13.7	2.31	11.1	11.6	48.7	16.9	34.1	22.5	15	12.9	8.64	9.8	12.1	4.95	2.66	4.12	3.89	4.78	240
T203C(0-4)	06/03/00	<0.017	<0.022	<0.019	<0.023	<0.019	<0.018	<0.014	<0.017	<0.023	<0.022	<0.018	<0.032	<0.018	<0.050	<0.046	<0.036	<0.020	<0.020	bdl
T204A(0-4)	06/03/00	0.267	2.21	0.405	2.5	13	4.32	13.7	9.07	6.13	5.62	4.54	6.00	5.96	3.07	1.50	2.63	0.228	0.147	81
T204B(0-4)	06/03/00	<0.017	<0.022	<0.019	<0.023	<0.019	<0.018	<0.014	<0.017	<0.023	<0.022	<0.018	<0.032	<0.018	<0.050	<0.046	<0.036	<0.020	<0.020	bdl
T204C(0-4)	06/03/00	<0.016	<0.021	<0.018	<0.022	<0.018	<0.017	<0.013	<0.016	<0.022	<0.020	<0.017	<0.030	<0.017	<0.047	<0.043	<0.034	<0.019	<0.019	bdl
T207A(0-2)	06/03/00	0.053	0.039	0.024	0.033	0.246	0.12	0.463	0.34	0.226	0.237	0.167	0.26	0.234	0.11	<0.048	0.098	<0.021	0.029	2.7
T207B(0-2)	06/03/00	<0.016	0.073	<0.018	0.044	0.549	0.176	0.724	0.517	0.332	0.295	0.216	0.246	0.292	0.136	0.052	0.122	<0.020	<0.020	3.8
T207C(0-1)	06/03/00	<0.016	0.02	<0.017	<0.021	0.145	0.046	0.221	0.153	0.096	0.102	0.086	0.106	0.104	0.056	<0.042	0.053	<0.019	<0.019	1.2

[O-AAS/HMS][U-RGF 03/22/02]

Notes:

* = Sample re-analyzed after hold time expired due to quality control failure on initial analysis.

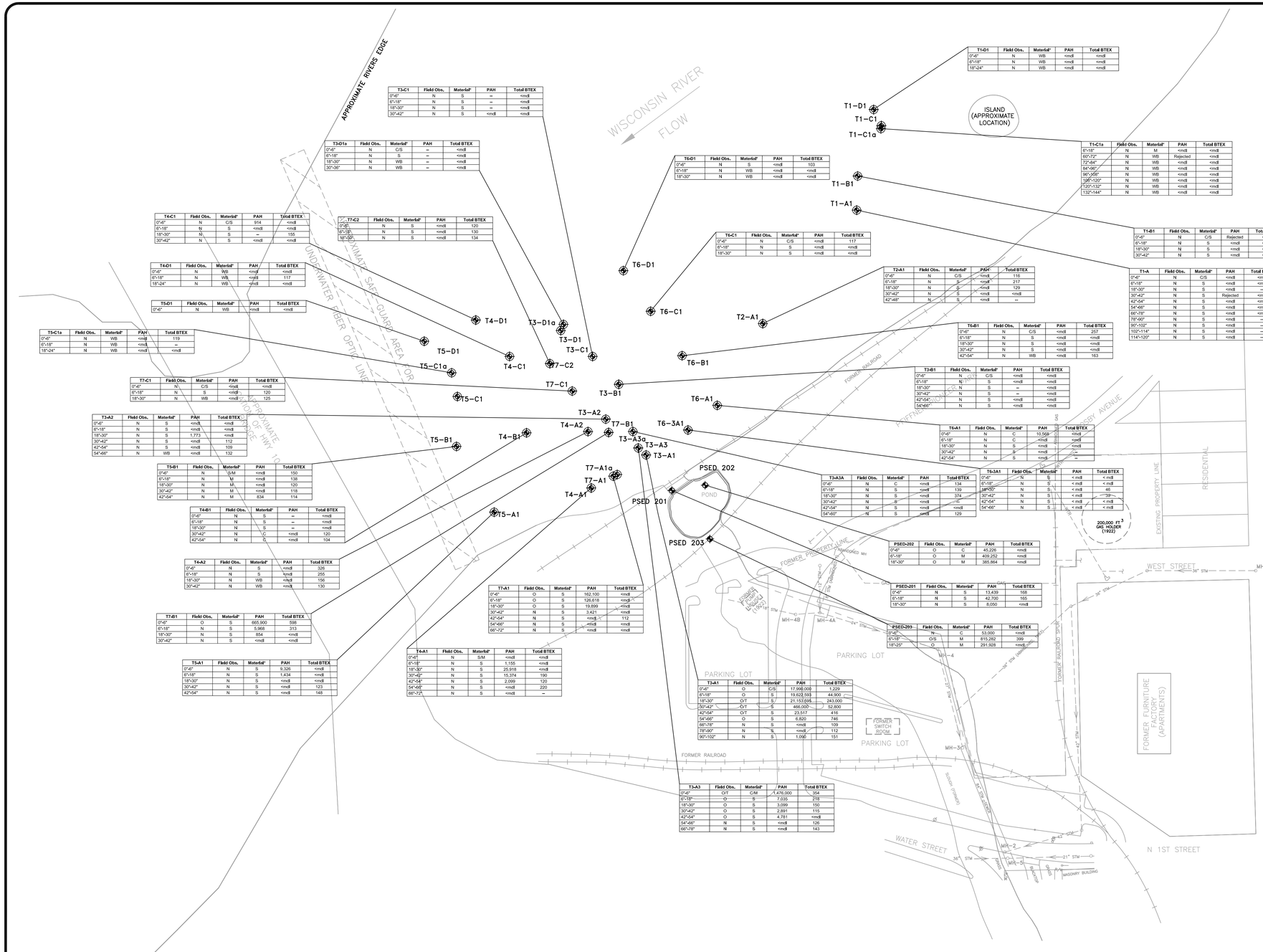
bdl = All PAH compounds below detection limits

Table 11. Sediment Analytical Summary - BTEX, Cyanide, and Metals
Supplemental Site Investigation and Groundwater Monitoring Report
Former Stevens Point Manufactured Gas Plant Site - Wisconsin Public Service Corporation

Sample Location	Date	BTEX (µg/kg)				Total Cyanide (mg/kg)	METALS (mg/kg)				
		Benzene	Ethylbenzene	Toluene	Xylenes (total)		Cadmium	Copper	Lead	Mercury	Zinc
Pond Sampling Results											
SD-201	06/02/00	24	144	24	2,700	<0.027	0.64	14	82	0.038	70
SD-202	06/02/00	14	9.1	27	<19	2.3	0.91	21	69	0.064	100
SD-203	06/02/00	478	168	1,380	1,350	<0.026	0.34	4.4	26	<0.013	25
Wisconsin River Sediment Sampling Results											
T201A(1)	06/03/00	23	11	86	<19	<0.07	1.1	15	24	<0.029	89
T201B(0-4)	06/03/00	<9.0	<4.5	6.4	<19	0.023	0.34	5.6	<2.2	<0.008	19
T201C(0-4)	06/03/00	<9.0	<4.5	<4.2	<19	--	<0.27	20	3.6	<0.010	41
T203A(0-4)	06/03/00	<90,000	70,300	106,000	230,000	--	--	--	--	--	--
T203A(4-8)	06/03/00	--	--	--	--	--	--	--	--	--	--
T203B(0-1)	06/03/00	942	17,200	6,420	54,200	<0.031	<0.36	9.0	10	0.023	41
T203B(4-8)	06/03/00	15	46	32	<19	<0.027	<0.31	4.3	5.0	<0.010	34
T203C(0-4)	06/03/00	<9.0	<4.5	<4.2	<19	--	<0.28	9.8	3.4	<0.009	22
T204A(0-4)	06/03/00	195	79	574	628	<0.026	0.31	17	6.0	0.027	54
T204B(0-4)	06/03/00	10	<4.5	9.8	<19	<0.025	0.35	8.5	5.0	<0.012	80
T204C(0-4)	06/03/00	<9.0	<4.5	4.3	<19	--	<0.28	2.8	2.7	<0.012	16
T207A(0-2)	06/03/00	9.4	9.0	58	<19	0.08	0.37	7.9	8.6	0.040	124
T207B(0-2)	06/03/00	<9.0	11	8.7	<19	0.048	<0.28	22	4.7	<0.013	31
T207C(0-1)	06/03/00	<9.0	<4.5	<4.2	<19	--	<0.27	14	3.7	<0.01	28

[O-AAS/HMS]

Note:
-- = Parameter not analyzed in this sample.



T3-C1	Field Obs.	Material*	PAH	Total BTEX
0'-6"	N	S	–	<ndl
6'-18"	–	N	S	<ndl
18'-30"	N	S	–	<ndl
30'-42"	N	S	<ndl	<ndl

T3-D1a	Field Obs.	Material*	PAH	Total BTEX
0'-6"	N	C/S	–	<ndl
6'-18"	N	S	–	<ndl
18'-30"	N	WB	–	<ndl
30'-36"	N	WB	–	<ndl

T4-C1	Field Obs.	Material*	PAH	Total BTEX
0'-6"	N	C/S	914	<ndl
6'-18"	N	S	<ndl	<ndl
18'-30"	N	S	–	155
30'-42"	N	S	<ndl	<ndl

T7-C2	Field Obs.	Material*	PAH	Total BTEX
0'-6"	N	S	<ndl	120
6'-18"	N	S	<ndl	130
18'-30"	N	S	<ndl	134

T4-D1	Field Obs.	Material*	PAH	Total BTEX
0'-6"	N	WB	<ndl	<ndl
6'-18"	N	WB	<ndl	117
18'-24"	N	WB	<ndl	<ndl

T5-D1	Field Obs.	Material*	PAH	Total BTEX
0'-6"	N	WB	<ndl	<ndl

T5-C1a	Field Obs.	Material*	PAH	Total BTEX
0'-6"	N	WB	<ndl	119
6'-18"	N	WB	<ndl	–
18'-24"	N	WB	<ndl	<ndl

T7-C1	Field Obs.	Material*	PAH	Total BTEX
0'-6"	N	C/S	<ndl	<ndl
6'-18"	N	S	<ndl	120
18'-30"	N	WB	<ndl	125

T3-A2	Field Obs.	Material*	PAH	Total BTEX
0'-6"	N	S	<ndl	<ndl
6'-18"	N	S	<ndl	<ndl
18'-30"	N	S	1,773	<ndl
30'-42"	N	S	<ndl	112
42'-54"	N	S	<ndl	109
54'-66"	N	WB	<ndl	132

T5-B1	Field Obs.	Material*	PAH	Total BTEX
0'-6"	N	S/M	<ndl	150
6'-18"	N	M	<ndl	138
18'-30"	N	M,	<ndl	120
30'-42"	N	M	<ndl	118
42'-54"	N	M	834	114

T4-B1	Field Obs.	Material*	PAH	Total BTEX
0'-6"	N	S	–	<ndl
6'-18"	N	S	–	<ndl
18'-30"	N	S	–	<ndl
30'-42"	N	C	<ndl	120
42'-54"	N	C	<ndl	104

T4-A2	Field Obs.	Material*	PAH	Total BTEX
0'-6"	N	S	<ndl	326
6'-18"	N	S	<ndl	255
18'-30"	N	WB	<ndl	156
30'-42"	N	WB	<ndl	130

T7-B1	Field Obs.	Material*	PAH	Total BTEX
0'-6"	O	S	665,950	598
6'-18"	N	S	5,968	313
18'-30"	N	S	854	<ndl
30'-42"	N	S	<ndl	<ndl

T5-A1	Field Obs.	Material*	PAH	Total BTEX
0'-6"	N	S	9,326	<ndl
6'-18"	N	S	1,434	<ndl
18'-30"	N	S	<ndl	<ndl
30'-42"	N	S	<ndl	123
42'-54"	N	S	<ndl	148

T7-A1	Field Obs.	Material*	PAH	Total BTEX
0'-6"	O	S	162,100	<ndl
6'-18"	O	S	126,618	<ndl
18'-30"	O	S	19,899	<ndl
30'-42"	N	S	3,421	<ndl
42'-54"	N	S	<ndl	112
54'-66"	N	S	<ndl	<ndl
66'-72"	N	S	<ndl	<ndl

T4-A1	Field Obs.	Material*	PAH	Total BTEX
0'-6"	N	S/M	<ndl	<ndl
6'-18"	N	S	1,155	<ndl
18'-30"	N	S	25,918	<ndl
30'-42"	N	S	15,374	190
42'-54"	N	S	2,099	120
54'-66"	N	S	<ndl	220
66'-72"	N	S	<ndl	–

T3-A3	Field Obs.	Material*	PAH	Total BTEX
0'-6"	O/T	C/M	1,476,000	354
6'-18"	O	S	7,035	218
18'-30"	O	S	3,099	150
30'-42"	O	S	2,891	115
42'-54"	O	S	4,781	<ndl
54'-66"	N	S	<ndl	126
66'-78"	N	S	<ndl	143

T1-D1	Field Obs.	Material*	PAH	Total BTEX
0'-6"	N	WB	<ndl	<ndl
6'-18"	N	WB	<ndl	<ndl
18'-24"	N	WB	<ndl	<ndl

T1-C1a	Field Obs.	Material*	PAH	Total BTEX
6'-18"	N	M	<ndl	<ndl
60'-72"	N	WB	Rejected	<ndl
72'-84"	N	WB	<ndl	<ndl
84'-96"	N	WB	<ndl	<ndl
96'-108"	N	WB	<ndl	<ndl
108'-120"	N	WB	<ndl	<ndl
120'-132"	N	WB	<ndl	<ndl
132'-144"	N	WB	<ndl	<ndl

T1-B1	Field Obs.	Material*	PAH	Total BTEX
0'-6"	N	C/S	Rejected	<ndl
6'-18"	N	S	<ndl	<ndl
18'-30"	N	S	<ndl	<ndl
30'-42"	N	S	<ndl	<ndl

T1-A	Field Obs.	Material*	PAH	Total BTEX
0'-6"	N	C/S	<ndl	<ndl
6'-18"	N	S	<ndl	<ndl
18'-30"	N	S	<ndl	--
30'-42"	N	S	Rejected	<ndl
42'-54"	N	S	<ndl	<ndl
54'-66"	N	S	<ndl	<ndl
66'-78"	N	S	<ndl	<ndl
78'-90"	N	S	<ndl	--
90'-102"	N	S	<ndl	--
102'-114"	N	S	<ndl	--
114'-120"	N	S	<ndl	--

T2-A1	Field Obs.	Material*	PAH	Total BTEX
0'-6"	N	C/S	<ndl	116
6'-18"	N	S	<ndl	217
18'-30"	N	S	<ndl	129
30'-42"	N	S	<ndl	<ndl
42'-48"	N	S	<ndl	--

T6-B1	Field Obs.	Material*	PAH	Total BTEX
0'-6"	N	C/S	<ndl	257
6'-18"	N	S	<ndl	<ndl
18'-30"	N	S	<ndl	<ndl
30'-42"	N	S	<ndl	<ndl
42'-54"	N	WB	<ndl	163

T3-B1	Field Obs.	Material*	PAH	Total BTEX
0'-6"	N	C/S	<ndl	<ndl
6'-18"	N	S	<ndl	<ndl
18'-30"	N	S	–	<ndl
30'-42"	N	S	–	<ndl
42'-54"	N	S	<ndl	<ndl
54'-66"	N	S	<ndl	<ndl

T6-A1	Field Obs.	Material*	PAH	Total BTEX
0'-6"	N	C	10,559	<ndl
6'-18"	N	C	<ndl	<ndl
18'-30"	N	S	<ndl	<ndl
30'-42"	N	S	<ndl	–
42'-54"	N	S	<ndl	–

T3-A3A	Field Obs.	Material*	PAH	Total BTEX
0'-6"	N	C	<ndl	134
6'-18"	N	S	<ndl	139
18'-30"	N	S	<ndl	374
30'-42"	N	S	<ndl	–
42'-54"	N	S	<ndl	<ndl
54'-60"	N	S	<ndl	129

T6-3A1	Field Obs.	Material*	PAH	Total BTEX
0'-6"	N	S	< ndl	< ndl
6'-18"	N	S	< ndl	< ndl
18'-30"	N	S	< ndl	46
30'-42"	N	S	< ndl	39
42'-54"	N	S	< ndl	< ndl
54'-66"	N	S	< ndl	< ndl

PSED-202	Field Obs.	Material*	PAH	Total BTEX
0'-6"	O	C	45,226	<ndl
6'-18"	O	M	409,252	<ndl
18'-30"	O	M	385,864	<ndl

PSED-201	Field Obs.	Material*	PAH	Total BTEX
0'-6"	N	S	13,439	168
6'-18"	N	S	42,700	165
18'-30"	N	S	8,050	<ndl

PSED-203	Field Obs.	Material*	PAH	Total BTEX
0'-6"	N	C	53,000	<ndl
6'-18"	O/S	M	815,262	399
18'-25"	O	M	291,928	<ndl

LEGEND

- T4-B1 — SEDIMENT SAMPLE
- PSED 203 — SEDIMENT SAMPLE (POND)
- MH-1 — STORM SEWER MANHOLE
- HYDRANT
- UTILITY POLE
- WTR — WATER LINE
- GAS — GAS LINE
- STM — STORM SEWER
- MGP — MANUFACTURED GAS PLANT
- FORMER BUILDINGS
- FORMER MGP PROCESS STRUCTURES
- FORMER RAILROAD

Sample Location	Field Obs.	Material*	PAH	Total BTEX
SAMPLE DEPTH (INCHES BELOW TOP OF SEDIMENT)	FIELD OBSERVATIONS: T=TAR C=COAL FRAGMENTS S=SHEEN O=ODOR N=NONE NOTED	RIVER BOTTOM MATERIAL: S=SAND, M,=SILT, GR=GRAVEL, C=CLAY, BOX=CONSOLIDATED BEDROCK AND/OR W/B=WEATHERED BEDROCK	TOTAL POLYNUCLEAR AROMATIC HYDROCARBONS (µg/kg)	**TOTAL BENZENE, TOLUENE, ETHYLBENZENE, AND XYLENES (µg/kg)**

<ndl = RESULTS BELOW THE METHOD DETECTION LIMIT
µg/kg = MICROGRAMS PER KILOGRAM

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

SOURCE NOTE:
THIS MAP WAS DEVELOPED FROM DRAWINGS BY SIMON HYDRO-SEARCH, DATED 02/11/94, DRAWING NO. 3075-4B AND DRAWING NO. 3075-4Z, DATED 11/15/93, PROJECT 304533075, A MAP FROM THE CITY OF STEVENS POINT, DRAWING E2 M-1461, DATE UNKNOWN, A MAP FROM THE CITY OF STEVENS POINT, DRAWING A-3 M-1456, DATED 1986, AND DRAWINGS FROM WISCONSIN PUBLIC SERVICE CORP., WSK509.DWG AND STPTGAS.DWG. GAS LINE TAKEN FROM WSK509.DWG AND ABANDONED GAS LINE TAKEN FROM WPSC W.O. 00130980B1, STEVENS POINT AREA MAP NO. 2106-252. ALL LOCATIONS INCLUDING UTILITIES ARE APPROXIMATE.
A SURVEY FROM WPSC DATED 6/2/00 LOCATED MH-1, SG-1 AT BRIDGE AND RIVERS NORTH EDGE. RIVERS NORTH EDGE ESTABLISHES TRANSECT POLING AND SEDIMENT SAMPLE MARKER LOCATIONS. POLING AND SEDIMENT SAMPLE LOCATIONS FIELD MEASURED BY NRT AND TIED TO TRANSECT MARKERS ESTABLISHED BY WPSC ON 6/2/00.
POND SEDIMENT SAMPLINGS FIELD MEASURED BY NRT.
UNSURVEYED PORTION OF RIVER AND ISLAND FROM EARTHVISIONS U.S. TERRAIN SERIES © EARTHVISIONS, INC. 603-433-8500.

0 40 80 160
SCALE IN FEET

NATURAL RESOURCE TECHNOLOGY

PROJECT NO. 1177/14.12	# SEDIMENT ORGANIC ANALYTICAL SUMMARY
DRAWN BY: RLH 06/02/08	REMEDIAL INVESTIGATION REPORT WISCONSIN PUBLIC SERVICE CORPORATION FORMER MANUFACTURED GAS PLANT, STEVENS POINT, WISCONSIN
CHECKED BY: EPK 06/02/08	
APPROVED BY: JMK 06/04/08	DRAWING NO: 1177-1412-D02 — SHEET NO. 2 REFERENCE: .

Table 15. Sediment Analytical Results - Polynuclear Aromatic Hydrocarbon (PAH, µg/Kg)

1177 Wisconsin Public Service Corp., Stevens Point MGP Site Remediation Activities
1111 Crosby Avenue, Steven's Point, Wisconsin
USEPA# : WIN000509983 **BRRTS# : 0250000079**

Sample ID	Depth	Collection Date	2-Methyl-naphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)-anthracene	Benzo(a)-pyrene	Benzo(b)-fluoranthene	Benzo(g,h,i)-pyrene	Benzo(k)-fluoranthene	Chrysene	Dibenzo(a,h)-anthracene	Fluoranthene	Fluorene	Indeno (1,2,3-cd) pyrene	Naph - thalene	Phenanthrene	Pyrene
Sediment Screening Benchmarks																			
Benchmarks			360	396	365	57.2	108	150	788	882	791	166	33	423	77.4	899	176	204	195
Psed-201																			
	0 - 6 "	7/11/2007	< 179	< 179	190	**270**	**1400**	**1300**	**2200 J**	360 J	**1200 J**	**1200**	**440 J**	**2300**	< 179	380 J	< 179	**710**	**2400**
	6 - 18 "	7/11/2007	< 700	< 700	< 700	**1200**	**5000**	**2700**	**2900 J**	**1000 J**	**3500 J**	**3700**	< 700 UJ	**6200**	< 700	**2100 J**	< 700	**4100**	**12000**
	18 - 30 "	7/11/2007	< 225	< 225	< 225	**190**	**930**	**580**	**1200 J**	< 225 UJ	620 J	**700**	< 225 UJ	**1400**	< 225	< 225 UJ	< 225	**480**	**1500**
Psed-202																			
	0 - 6 "	7/11/2007	< 2041	< 2041	< 2041	< 2041 UJ	< 2041	< 2041 UJ	**22000 J**	< 2041	< 2041	< 2041	< 2041 UJ	< 2041 UJ	< 2041	< 2041	< 2041	< 2041 UJ	**12000 J**
	6 - 18 "	7/11/2007	< 2703 Q	**9800**	**3100**	**29000 J**	**36000**	**28000**	**51000 J**	**12000 J**	**31000 J**	**34000**	**5500 J**	**50000 J**	**13000**	**10000 J**	< 2703 Q	**42000 J**	**81000 Q J**
	18 - 30 "	7/11/2007	< 2564	**7800**	< 2564	**16000 J**	**38000**	**21000**	**40000 J**	**8200 J**	**23000 J**	**42000**	< 2564 UJ	**51000 J**	**9500**	**9400 J**	< 2564	**38000 J**	**97000 Q J**
Psed-203																			
	0 - 6 "	7/11/2007	< 4000	< 4000	< 4000	< 4000 UJ	< 4000	< 4000 UJ	**29000 J**	< 4000	< 4000	< 4000	< 4000 UJ	< 4000 UJ	< 4000	< 4000	< 4000	< 4000 UJ	< 4000 UJ
	6 - 18 "	7/11/2007	< 2564	**68000**	< 2564	**26000 J**	**40000**	**56000 J**	**130000 J**	**37000**	**48000 J**	**52000**	**27000 J**	**79000 J**	**48000**	**50000**	**16000**	**170000 J**	**81000 J**
	18 - 25 "	7/11/2007	< 3571	< 3571	< 3571	< 3571 UJ	**33000**	**37000 J**	**59000 J**	< 3571	**25000 J**	**30000**	< 3571 UJ	**22000 J**	< 3571	**52000**	< 3571	**38000 J**	**39000 J**
T1-A1																			
	0 - 6 "	7/10/2007	< 145	< 145	< 145 UJ	< 145 UJ	< 145	< 145	< 145 UJ	< 145	< 145	< 145	< 145 UJ	< 145 UJ	< 145	< 145	< 145 UJ	< 145 UJ	< 145
	6 - 18 "	7/10/2007	< 141	< 141	< 141 UJ	< 141 UJ	< 141	< 141	< 141 UJ	< 141	< 141	< 141	< 141 UJ	< 141 UJ	< 141	< 141	< 141 UJ	< 141 UJ	< 141
	18 - 30 "	7/10/2007	< 125	< 125	< 125 UJ	< 125 UJ	< 125	< 125	< 125 UJ	< 125	< 125	< 125	< 125 UJ	< 125 UJ	< 125	< 125	< 125 UJ	< 125 UJ	< 125
	30 - 42 "	7/10/2007	< 125 R	< 125 R	< 125 R	< 125 R	< 125 R	< 125 R	< 125 R	< 125 R	< 125 R	< 125 R	< 125 R	< 125 R	< 125 R	< 125 R	< 125 R	< 125 R	< 125 R
	42 - 54 "	7/10/2007	< 128	< 128	< 128	< 128	< 128	< 128 UJ	< 128	< 128	< 128	< 128	< 128 UJ	< 128	< 128	< 128 UJ	< 128	< 128 UJ	< 128 UJ
	54 - 66 "	7/10/2007	< 119	< 119	< 119	< 119	< 119	< 119 UJ	< 119	< 119	< 119	< 119	< 119 UJ	< 119	< 119	< 119 UJ	< 119	< 119 UJ	< 119 UJ
	66 - 78 "	7/10/2007	< 118	< 118	< 118	< 118	< 118	< 118 UJ	< 118	< 118	< 118	< 118	< 118 UJ	< 118	< 118	< 118 UJ	< 118	< 118 UJ	< 118 UJ
	78 - 90 "	7/10/2007	< 109	< 109	< 109	< 109	< 109	< 109 UJ	< 109	< 109	< 109	< 109	< 109 UJ	< 109	< 109	< 109 UJ	< 109	< 109 UJ	< 109 UJ
	90 - 102 "	7/10/2007	< 111	< 111	< 111	< 111	< 111	< 111 UJ	< 111	< 111	< 111	< 111	< 111 UJ	< 111	< 111	< 111 UJ	< 111	< 111 UJ	< 111 UJ
	102 - 114 "	7/10/2007	< 111	< 111	< 111	< 111	< 111	< 111 UJ	< 111	< 111	< 111	< 111	< 111 UJ	< 111	< 111	< 111 UJ	< 111	< 111 UJ	< 111 UJ
	114 - 120 "	7/10/2007	< 112	< 112	< 112	< 112	< 112	< 112 UJ	< 112	< 112	< 112	< 112	< 112 UJ	< 112	< 112	< 112 UJ	< 112	< 112 UJ	< 112 UJ
T1-B1																			
	0 - 6 "	7/10/2007	< 114 R	< 114 R	< 114 R	< 114 R	< 114 R	< 114 R	< 114 R	< 114 R	< 114 R	< 114 R	< 114 R	< 114 R	< 114	< 114 R	< 114 R	< 114 R	< 114 R
	6 - 18 "	7/10/2007	< 114	< 114	< 114 UJ	< 114 UJ	< 114	< 114	< 114 UJ	< 114	< 114	< 114	< 114 UJ	< 114 UJ	< 114	< 114	< 114 UJ	< 114 UJ	< 114
	18 - 30 "	7/10/2007	< 116 Q R	< 116 Q R	< 116 Q R	< 116 Q R	< 116 Q R	< 116 Q R	< 116 Q R	< 116 Q R	< 116 Q R	< 116 Q R	< 116 Q R	< 116 Q R	< 116 Q R	< 116 Q R	< 116 Q R	< 116 Q R	< 116 Q R
	30 - 42 "	7/10/2007	< 118	< 118	< 118 UJ	< 118 UJ	< 118	< 118	< 118 UJ	160	< 118	< 118	**220 J**	< 118 UJ	< 118	300	< 118 UJ	< 118 UJ	< 118
T1-C1a																			
	6 - 18 "	7/9/2007	< 211	< 211	< 211 UJ	< 211 UJ	< 211	< 211	< 211 UJ	< 211	< 211	< 211	< 211 UJ	< 211 UJ	< 211	< 211	< 211 UJ	< 211 UJ	< 211
	60 - 72 "	7/9/2007	< 172 R	< 172 R	< 172 R	< 172 R	< 172 R	< 172 R	< 172 R	< 172 R	< 172 R	< 172 R	< 172 R	< 172 R	< 172 R	< 172 R	< 172 R	< 172 R	< 172 R
	72 - 84 "	7/9/2007	< 187	< 187	< 187 UJ	< 187 UJ	< 187	< 187	< 187	< 187	< 187	< 187	< 187 UJ	< 187 UJ	< 187	< 187	< 187 UJ	< 187 UJ	< 187
	84 - 96 "	7/9/2007	< 175	< 175	< 175 UJ	< 175 UJ	< 175	< 175	< 175 UJ	< 175	< 175	< 175	< 175 UJ	< 175 UJ	< 175 R	< 175	< 175 UJ	< 175 UJ	< 175
	96 - 108 "	7/9/2007	< 174	< 174	< 174 UJ	< 174 UJ	< 174	< 174	< 174 UJ	< 174	< 174	< 174	< 174 UJ	< 174 UJ	< 174	< 174	< 174 UJ	< 174 UJ	< 174
	108 - 120 "	7/9/2007	< 177	< 177	< 177 UJ	< 177 UJ	< 177	< 177	< 177 UJ	< 177	< 177	< 177	< 177 UJ	< 177 UJ	< 177	< 177	< 177 UJ	< 177 UJ	< 177
	120 - 132 "	7/9/2007	< 170	< 170	< 170 UJ	< 170 UJ	< 170	< 170	< 170 UJ	< 170	< 170	< 170	< 170 UJ	< 170 UJ	< 170	< 170	< 170 UJ	< 170 UJ	< 170
	132 - 144 "	7/9/2007	< 179	< 179	< 179 UJ	< 179 UJ	< 179	< 179	< 179 UJ	< 179	< 179	< 179	< 179 UJ	< 179 UJ	< 179	< 179	< 179 UJ	< 179 UJ	< 179

1177 Wisconsin Public Service Corp., Stevens Point MGP Site Remediation Activities
1111 Crosby Avenue, Steven's Point, Wisconsin
USEPA# : WIN000509983 **BRRTS# : 0250000079**

Sample ID	Depth	Collection Date	2-Methyl-naphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)-anthracene	Benzo(a)-pyrene	Benzo(b)-fluoranthene	Benzo(g,h,i)-pyrene	Benzo(k)-fluoranthene	Chrysene	Dibenzo(a,h)-anthracene	Fluoranthene	Fluorene	Indeno (1,2,3-cd) pyrene	Naph - thalene	Phenanthrene	Pyrene
Sediment Screening Benchmarks																			
Benchmarks			360	396	365	57.2	108	150	788	882	791	166	33	423	77.4	899	176	204	195
T1-D1																			
	0 - 6 "	7/9/2007	< 189	< 189	< 189 UJ	< 189 UJ	< 189	< 189	< 189 UJ	< 189	< 189	< 189	< 189 UJ	< 189 UJ	< 189	430	< 189 UJ	< 189 UJ	< 189
	6 - 18 "	7/9/2007	< 208	< 208	< 208 UJ	< 208 UJ	< 208	< 208	< 208 UJ	< 208	< 208	< 208	< 208 UJ	< 208 UJ	< 208	< 208	< 208 UJ	< 208 UJ	< 208
	18 - 24 "	7/9/2007	< 189	< 189	< 189 UJ	< 189 UJ	< 189	< 189	< 189 UJ	< 189	< 189	< 189	< 189 UJ	< 189 UJ	< 189	< 189	< 189 UJ	< 189 UJ	< 189
T2-A1																			
	0 - 6 "	7/10/2007	< 118	< 118	< 118	< 118	< 118	< 118 UJ	< 118	< 118	< 118	< 118	< 118 UJ	< 118	< 118	< 118 UJ	< 118	< 118 UJ	< 118 UJ
	6 - 18 "	7/10/2007	< 118	< 118	< 118	< 118	< 118	< 118 UJ	< 118	< 118	< 118	< 118	< 118 UJ	< 118	< 118	< 118 UJ	< 118	< 118 UJ	< 118 UJ
	18 - 30 "	7/10/2007	< 110	< 110	< 110	< 110	< 110	< 110 UJ	< 110	< 110	< 110	< 110	< 110 UJ	< 110	< 110	< 110 UJ	< 110	< 110 UJ	< 110 UJ
	30 - 42 "	7/10/2007	< 109 Q	< 109 Q	< 109 Q	< 109 Q	< 109 Q	< 109 Q UJ	< 109 Q	< 109 Q	< 109 Q	< 109 Q	< 109 Q UJ	< 109 Q	< 109 Q	< 109 Q UJ	< 109 Q	< 109 Q UJ	< 109 Q UJ
	42 - 48 "	7/10/2007	< 109	< 109	< 109	< 109	< 109	< 109 UJ	< 109	< 109	< 109	< 109	< 109 UJ	< 109	< 109	< 109 UJ	< 109	< 109 UJ	< 109 UJ
T3-A1																			
	0 - 6 "	7/11/2007	**130000**	**960000 J**	**150000 J**	**930000 J**	**1800000 J**	**1100000 J**	**2600000 J**	**460000 J**	**430000 J**	**1500000 J**	**300000 J**	**1800000 J**	**1300000 J**	**490000 J**	**320000 J**	**2800000 Q J**	**2300000 J**
	6 - 18 "	7/11/2007	**340000**	**1300000 J**	< 185185	**1100000 J**	**1400000 J**	**1300000 J**	**3100000 J**	**530000 J**	**690000 J**	**1200000 J**	**420000 J**	**1800000 J**	**1700000 J**	**740000 J**	**940000 J**	**3000000 J**	**2000000 J**
	18 - 30 "	7/11/2007	**1400000**	**1500000 J**	< 1307190	**500000 J**	**830000 J**	**830000 J**	**2700000 J**	**580000 J**	**950000 J**	**890000 J**	**490000 J**	**1600000 J**	**1500000 J**	**870000 J**	**4900000 J**	**2800000 J**	**1500000 J**
	30 - 42 "	7/11/2007	**35000 Q**	**35000**	**5900**	**31000 J**	**37000 Q**	**24000 J**	**44000 Q J**	**11000**	**8100 J**	**27000**	**6500 J**	**35000 J**	**33000**	**12000**	**83000 Q**	**51000 Q J**	**52000 Q J**
	42 - 54 "	7/11/2007	**990**	**1900**	< 633	**2200 J**	**1600**	**1200 J**	**2000 J**	730	**900 J**	**1300**	**740 J**	**2100 J**	**1900**	**1700**	**2000**	**3800 J**	**2300 J**
	54 - 66 "	7/11/2007	**670**	**530**	< 119	**710 J**	**490**	**350 J**	510 J	240	220 J	**430**	**220 J**	**600 J**	**570**	370	**670**	**1000 J**	**680 J**
	66 - 78 "	7/11/2007	< 109	< 109	< 109	< 109	< 109	< 109	< 109	< 109 UJ	< 109	< 109	< 109	< 109	< 109	< 109 UJ	< 109	< 109	< 109
	78 - 90 "	7/11/2007	< 109	< 109	< 109	< 109	< 109	< 109	< 109	< 109 UJ	< 109	< 109	< 109	< 109	< 109	< 109 UJ	< 109	< 109	< 109
	90 - 102 "	7/11/2007	< 118	< 118	< 118	< 118	< 118	< 118	< 118	< 118 UJ	< 118	< 118	< 118	140	**120**	< 118 UJ	< 118	**240**	< 118
T3-A2																			
	0 - 6 "	7/11/2007	< 116	< 116	< 116	< 116 UJ	< 116	< 116	< 116	< 116 UJ	< 116	< 116	< 116 UJ	< 116 UJ	< 116	< 116 UJ	< 116	< 116 UJ	< 116 UJ
	6 - 18 "	7/11/2007	< 116 Q	< 116 Q	< 116 Q	< 116 Q UJ	< 116 Q	< 116 Q UJ	< 116 Q	< 116 Q	< 116 Q	< 116 Q	< 116 Q UJ	< 116 Q UJ	< 116 Q	< 116 Q	< 116 Q	< 116 Q UJ	< 116 Q UJ
	18 - 30 "	7/11/2007	< 111	< 111	< 111	**160 J**	**140**	< 111	140 J	< 111 UJ	< 111	150	< 111 UJ	230 J	< 111	< 111 UJ	< 111	**260 J**	**360 J**
	30 - 42 "	7/11/2007	< 109	< 109	< 109 UJ	< 109	< 109	< 109	< 109 UJ	< 109 UJ	< 109	< 109	< 109 UJ	< 109	< 109	< 109 UJ	< 109	< 109	< 109
	42 - 54 "	7/11/2007	< 109	< 109	< 109 UJ	< 109	< 109	< 109	< 109 UJ	< 109 UJ	< 109	< 109	< 109 UJ	< 109	< 109	< 109 UJ	< 109	< 109	< 109
	54 - 66 "	7/11/2007	< 114	< 114	< 114 UJ	< 114	< 114	< 114	< 114 UJ	< 114 UJ	< 114	< 114	< 114 UJ	< 114	< 114	< 114 UJ	< 114	< 114	< 114
T3-A3																			
	0 - 6 "	7/12/2007	**63000**	**87000**	**14000**	**140000**	**120000**	**70000**	**130000 J**	**13000 J**	**53000 J**	**74000**	**21000 J**	**170000**	**78000**	**18000 J**	**140000 Q**	**210000**	**190000**
	6 - 18 "	7/12/2007	**380**	**610**	< 203	**520**	**380**	< 203	400 J	< 203 UJ	< 203	**260**	< 203 UJ	**890**	**530**	< 203 UJ	**900**	**1500**	**740**
	18 - 30 "	7/12/2007	< 203	260	< 203	**240**	< 203	< 203	< 203	< 203 UJ	< 203	< 203	< 203 UJ	330	**250**	< 203 UJ	**390**	**710**	**310**
	30 - 42 "	7/12/2007	< 203	< 203	< 203	**300**	< 203	< 203	< 203	< 203 UJ	< 203	< 203	< 203 UJ	260	**460**	< 203 UJ	**400**	**550**	**210**
	42 - 54 "	7/12/2007	< 183	< 183	< 183	**710**	< 183	< 183	< 183	< 183 UJ	< 183	< 183	< 183 UJ	260	**1300**	< 183 UJ	**1000**	**630**	**240**
	54 - 66 "	7/12/2007	< 185	< 185	< 185	< 185	< 185	< 185	< 185	< 185 UJ	< 185	< 185	< 185 UJ	< 185	< 185	< 185 UJ	< 185	< 185	< 185
	66 - 78 "	7/12/2007	< 198	< 198	< 198	< 198	< 198	< 198	< 198	< 198 UJ	< 198	< 198	< 198 UJ	< 198	< 198	< 198 UJ	< 198	< 198	< 198
T3-A3a																			
	0 - 6 "	7/12/2007	< 208	< 208	< 208	< 208	< 208	< 208	< 208	< 208 UJ	< 208	< 208	< 208 UJ	< 208	< 208	< 208 UJ	< 208	< 208	< 208
	6 - 18 "	7/12/2007	< 187	< 187	< 187	< 187	< 187	< 187	< 187	< 187 UJ	< 187	< 187	< 187 UJ	< 187	< 187	< 187 UJ	< 187	< 187	< 187
	18 - 30 "	7/12/2007	< 185	< 185	< 185	< 185	< 185	< 185	< 185	< 185 UJ	< 185	< 185	< 185 UJ	< 185	< 185	< 185 UJ	< 185	< 185	< 185
	30 - 42 "	7/12/2007	< 108 J	< 108 J	< 108 J	< 108 J	< 108 J	< 108 J	< 108 J	< 108 J	< 108 J	< 108 J	< 108 J	< 108 J	< 108 J	< 108 J	< 108 J	< 108 J	< 108 J
	42 - 54 "	7/12/2007	< 108	< 108	< 108 UJ	< 108	< 108	< 108	< 108 UJ	< 108 UJ	< 108	< 108	< 108 UJ	< 108	< 108	< 108 UJ	< 108	< 108	< 108
	54 - 60 "	7/12/2007	< 109	< 109	< 109 UJ	< 109	< 109	< 109	< 109 UJ	< 109 UJ	< 109	< 109	< 109 UJ	< 109	< 109	< 109 UJ	< 109	< 109	< 109

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Sample ID	Depth	Collection Date	2-Methyl-naphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)-anthracene	Benzo(a)-pyrene	Benzo(b)-fluoranthene	Benzo(g,h,i)-pyrene	Benzo(k)-fluoranthene	Chrysene	Dibenzo(a,h)-anthracene	Fluoranthene	Fluorene	Indeno (1,2,3-cd) pyrene	Naph - thalene	Phenanthrene	Pyrene
Sediment Screening Benchmarks																			
Benchmarks			360	396	365	57.2	108	150	788	882	791	166	33	423	77.4	899	176	204	195
T3-B1																			
	0 - 6 "	7/10/2007	< 110	< 110	< 110	< 110	< 110	< 110 UJ	< 110	< 110	< 110	< 110	< 110 UJ	< 110	< 110	< 110 UJ	< 110	< 110 UJ	< 110 UJ
	6 - 18 "	7/10/2007	< 111	< 111	< 111	< 111	< 111	< 111 UJ	< 111	< 111	< 111	< 111	< 111 UJ	< 111	< 111	< 111 UJ	< 111	< 111 UJ	< 111 UJ
	42 - 54 "	7/10/2007	< 108	< 108	< 108 UJ	< 108	< 108 UJ	< 108	< 108 UJ	< 108 UJ	< 108	< 108	< 108	< 108	< 108	< 108 UJ	< 108	< 108	< 108 UJ
	54 - 66 "	7/10/2007	< 106 R	< 106 R	< 106 R	< 106 R	< 106 R	< 106 R	< 106 R	< 106 R	< 106 R	< 106 R	< 106 R	< 106 R	< 106 R	< 106 R	< 106 R	< 106 R	< 106 R
T3-C1																			
	30 - 42 "	7/10/2007	< 114	< 114	< 114 UJ	< 114	< 114 UJ	< 114	< 114 UJ	< 114 UJ	< 114	< 114	< 114	< 114	< 114	< 114 UJ	< 114	< 114	< 114 UJ
T4-A1																			
	0 - 6 "	7/11/2007	< 122	< 122	< 122	< 122 UJ	< 122	< 122 UJ	< 122	< 122	< 122	< 122	< 122 UJ	< 122 UJ	< 122	< 122	< 122	< 122 UJ	< 122 UJ
	6 - 18 "	7/11/2007	< 123	< 123	< 123	< 123 UJ	< 123	< 123 UJ	190 J	160	< 123	< 123	**150 J**	150 J	< 123	320	< 123	< 123 UJ	**200 J**
	18 - 30 "	7/11/2007	< 549	< 549	< 549	**820 J**	**2700**	**2200 J**	**4300 J**	**1200**	**1700 J**	**2200**	**770 J**	**3500 J**	< 549	**1900**	< 549	**2200 J**	**5200 J**
	30 - 42 "	7/11/2007	< 147	**880**	< 147	**1200**	**1100**	**460**	**1100 J**	< 147 UJ	480 J	**650**	< 147	**2000**	**1000**	< 147 UJ	**230**	**3600**	**2600**
	42 - 54 "	7/11/2007	< 238	**450**	< 238	< 238	< 238	< 238	< 238	< 238 UJ	< 238	< 238	< 238	< 238	< 238	< 238 UJ	**340**	< 238	< 238
	54 - 66 "	7/11/2007	< 114	< 114	< 114	< 114	< 114	< 114	< 114	< 114 UJ	< 114	< 114	< 114	< 114	< 114	< 114 UJ	< 114	< 114	< 114
	66 - 72 "	7/11/2007	< 118	< 118	< 118	< 118	< 118	< 118	< 118	< 118 UJ	< 118	< 118	< 118	< 118	< 118	< 118 UJ	< 118	< 118	< 118
T4-A2																			
	0 - 6 "	7/12/2007	< 201	< 201	< 201	< 201	< 201	< 201	< 201	< 201 UJ	< 201	< 201	< 201 UJ	< 201	< 201	< 201 UJ	< 201	< 201	< 201
	6 - 18 "	7/12/2007	< 183	< 183	< 183	< 183	< 183	< 183	< 183	< 183 UJ	< 183	< 183	< 183 UJ	< 183	< 183	< 183 UJ	< 183	< 183	< 183
	18 - 30 "	7/12/2007	< 198	< 198	< 198	< 198	< 198	< 198	< 198	< 198 UJ	< 198	< 198	< 198 UJ	< 198	< 198	< 198 UJ	< 198	< 198	< 198
	30 - 42 "	7/12/2007	< 192	< 192	< 192	< 192	< 192	< 192	< 192	< 192 UJ	< 192	< 192	< 192 UJ	< 192	< 192	< 192 UJ	< 192	< 192	< 192
T4-B1																			
	30 - 42 "	7/10/2007	< 122	< 122	< 122	< 122	< 122	< 122	< 122	< 122 UJ	< 122	< 122	< 122	< 122	< 122	< 122 UJ	< 122	< 122	< 122
	42 - 54 "	7/10/2007	< 114	< 114	< 114	< 114	< 114	< 114	< 114	< 114 UJ	< 114	< 114	< 114	< 114	< 114	< 114 UJ	< 114	< 114	< 114
T4-C1																			
	0 - 6 "	7/11/2007	< 114	< 114	< 114	< 114 UJ	< 114	< 114	< 114	< 114 UJ	< 114	< 114	< 114 UJ	< 114 UJ	< 114	< 114 UJ	< 114	< 114 UJ	**230 J**
	6 - 18 "	7/11/2007	< 121 Q	< 121 Q	< 121 Q	< 121 Q UJ	< 122 Q	< 122 Q	< 122 Q	< 122 Q UJ	< 122 Q	< 121 Q	< 121 Q UJ	< 121 Q UJ	< 121 Q	< 122 Q UJ	< 122 Q	< 121 Q UJ	< 121 Q UJ
	30 - 42 "	7/11/2007	< 111 Q	< 111 Q	< 111 Q	< 111 Q	< 111 Q	< 111 Q	< 111 Q	< 111 Q UJ	< 111 Q	< 111 Q	< 111 Q	< 111 Q	< 111 Q	< 111 Q UJ	< 111 Q	< 111 Q	< 111 Q
T4-D1																			
	0 - 6 "	7/11/2007	< 115	< 115	< 115	< 115 UJ	< 115	< 115	< 115	< 115 UJ	< 115	< 115	< 115 UJ	< 115 UJ	< 115	< 115 UJ	< 115	< 115 UJ	< 115 UJ
	6 - 18 "	7/11/2007	< 114	< 114	< 114 UJ	< 114	< 114	< 114	< 114 UJ	< 114 UJ	< 114	< 114	< 114 UJ	< 114	< 114	< 114 UJ	< 114	< 114	< 114
	18 - 24 "	7/11/2007	< 109	< 109	< 109 UJ	< 109	< 109	< 109	< 109 UJ	< 109 UJ	< 109	< 109	< 109 UJ	< 109	< 109	< 109 UJ	< 109	< 109	< 109
T5-A1																			
	0 - 6 "	7/11/2007	< 137	< 137	160	**210 J**	**1000**	**1000 J**	**1900 J**	500	740 J	**890**	**390 J**	**900 J**	< 137	610	< 137	**720 J**	**1600 J**
	6 - 18 "	7/11/2007	< 152	< 152	< 152	< 152 UJ	< 152	**170 J**	190 J	180	< 152	< 152	**170 J**	180 J	< 152	380	< 152	**210 J**	< 152 UJ
	18 - 30 "	7/11/2007	< 123	< 123	< 123	< 123 UJ	< 123	< 123 UJ	< 123	< 123	< 123	< 123	< 123 UJ	< 123 UJ	< 123	< 123	< 123	< 123 UJ	< 123 UJ
	30 - 42 "	7/11/2007	< 116	< 116	< 116	< 116	< 116	< 116	< 116	< 116 UJ	< 116	< 116	< 116	< 116	< 116	< 116 UJ	< 116	< 116	< 116
	42 - 54 "	7/11/2007	< 115	< 115	< 115	< 115	< 115	< 115	< 115	< 115 UJ	< 115	< 115	< 115	< 115	< 115	< 115 UJ	< 115	< 115	< 115

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Sample ID	Depth	Collection Date	2-Methyl-naphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)-anthracene	Benzo(a)-pyrene	Benzo(b)-fluoranthene	Benzo(g,h,i)-pyrene	Benzo(k)-fluoranthene	Chrysene	Dibenzo(a,h)-anthracene	Fluoranthene	Fluorene	Indeno (1,2,3-cd) pyrene	Naph - thalene	Phenanthrene	Pyrene
Sediment Screening Benchmarks																			
Benchmarks			360	396	365	57.2	108	150	788	882	791	166	33	423	77.4	899	176	204	195
T5-B1																			
	0 - 6 "	7/11/2007	< 122	< 122	< 122	< 122 UJ	< 122	< 122	< 122	< 122 UJ	< 122	< 122	< 122 UJ	< 122 UJ	< 122	< 122 UJ	< 122	< 122 UJ	< 122 UJ
	6 - 18 "	7/11/2007	< 116 J	< 116 J	< 116 J	< 116 J	< 116 J	< 116 J	< 116 J	< 116 J	< 116 J	< 116 J	< 116 J	< 116 J	< 116 J	< 116 J	< 116 J	< 116 J	< 116 J
	18 - 30 "	7/11/2007	< 111	< 111	< 111	< 111 UJ	< 111	< 111	< 111	< 111 UJ	< 111	< 111	< 111 UJ	< 111 UJ	< 111	< 111 UJ	< 111	< 111 UJ	< 111 UJ
	30 - 42 "	7/11/2007	< 115	< 115	< 115	< 115	< 115	< 115	< 115	< 115 UJ	< 115	< 115	< 115	< 115	< 115	< 115 UJ	< 115	< 115	< 115
	42 - 54 "	7/11/2007	< 114	< 114	< 114	< 114	< 114	< 114	< 114	< 114 UJ	< 114	< 114	< 114	< 114	< 114	< 114 UJ	< 114	< 114	150 J
T5-C1a																			
	0 - 6 "	7/11/2007	< 111	< 111	< 111	< 111 UJ	< 111	< 111	< 111	< 111 UJ	< 111	< 111	< 111 UJ	< 111 UJ	< 111	< 111 UJ	< 111	< 111 UJ	< 111 UJ
	6 - 18 "	7/11/2007	< 114	< 114	< 114	< 114	< 114	< 114	< 114	< 114 UJ	< 114	< 114	< 114	< 114	< 114	< 114 UJ	< 114	< 114	< 114
	18 - 24 "	7/11/2007	< 114	< 114	< 114	< 114	< 114 UJ	< 114	< 114 UJ	< 114 UJ	< 114	< 114	< 114	< 114	< 114	< 114 UJ	< 114	< 114	< 114 UJ
T5-D1																			
	0 - 6 "	7/11/2007	< 120	< 120	< 120	< 120 UJ	< 120	< 120	< 120	< 120 UJ	< 120	< 120	< 120 UJ	< 120 UJ	< 120	< 120 UJ	< 120	< 120 UJ	< 120 UJ
T6-A1																			
	0 - 6 "	7/11/2007	< 179	< 179	< 179	< 179 UJ	**1300 J**	**970 J**	**2100 J**	570 J	**900 J**	**1100 J**	**230 J**	**1100 J**	< 179	720 J	< 179	**450 J**	**2200 J**
	6 - 18 "	7/11/2007	< 192	< 192	< 192	< 192 UJ	< 192	< 192 UJ	< 192	< 192	< 192	< 192	< 192 UJ	< 192 UJ	< 192	< 192	< 192	< 192 UJ	< 192 UJ
	18 - 30 "	7/11/2007	< 119	< 119	< 119	< 119 UJ	< 119	< 119 UJ	< 119	< 119	< 119	< 119	< 119 UJ	< 119 UJ	< 119	< 119	< 119	< 119 UJ	< 119 UJ
	30 - 42 "	7/11/2007	< 123	< 123	< 123 UJ	< 123	< 123 UJ	< 123	< 123 UJ	< 123 UJ	< 123	< 123	< 123	< 123	< 123	< 123 UJ	< 123	< 123	< 123 UJ
	42 - 54 "	7/11/2007	< 122	< 122	< 122 UJ	< 122	< 122	< 122	< 122 UJ	< 122 UJ	< 122	< 122	< 122 UJ	< 122	< 122	< 122 UJ	< 122	< 122	< 122
T6-B1																			
	0 - 6 "	7/12/2007	< 169	< 169	< 169 UJ	< 169	< 169 UJ	< 169	< 169 UJ	< 169 UJ	< 169	< 169	< 169	< 169	< 169	< 169 UJ	< 169	< 169	< 169 UJ
	6 - 18 "	7/12/2007	< 103	< 103	< 103 UJ	< 103	< 103 UJ	< 103	< 103 UJ	< 103 UJ	< 103	< 103	< 103	< 103	< 103	< 103 UJ	< 103	< 103	< 103 UJ
	18 - 30 "	7/12/2007	< 112	< 112	< 112 UJ	< 112	< 112 UJ	< 112	< 112 UJ	< 112 UJ	< 112	< 112	< 112	< 112	< 112	< 112 UJ	< 112	< 112	< 112 UJ
	30 - 42 "	7/12/2007	< 109	< 109	< 109 UJ	< 109	< 109	< 109	< 109 UJ	< 109 UJ	< 109	< 109	< 109 UJ	< 109	< 109	< 109 UJ	< 109	< 109	< 109
	42 - 54 "	7/12/2007	< 110	< 110	< 110 UJ	< 110	< 110	< 110	< 110 UJ	< 110 UJ	< 110	< 110	< 110 UJ	< 110	< 110	< 110 UJ	< 110	< 110	< 110
T6-C1																			
	0 - 6 "	7/12/2007	< 106	< 106	< 106 UJ	< 106	< 106 UJ	< 106	< 106 UJ	< 106 UJ	< 106	< 106	< 106	< 106	< 106	< 106 UJ	< 106	< 106	< 106 UJ
	6 - 18 "	7/12/2007	< 104	< 104	< 104 UJ	< 104	< 104 UJ	< 104	< 104 UJ	< 104 UJ	< 104	< 104	< 104	< 104	< 104	< 104 UJ	< 104	< 104	< 104 UJ
	18 - 30 "	7/12/2007	< 111	< 111	< 111 UJ	< 111	< 111	< 111	< 111 UJ	< 111 UJ	< 111	< 111	< 111 UJ	< 111	< 111	< 111 UJ	< 111	< 111	< 111
T6-D1																			
	0 - 6 "	7/12/2007	< 102	< 102	< 102 UJ	< 102	< 102 UJ	< 102	< 102 UJ	< 102 UJ	< 102	< 102	< 102	< 102	< 102	< 102 UJ	< 102	< 102	< 102 UJ
	6 - 18 "	7/12/2007	< 104	< 104	< 104 UJ	< 104	< 104 UJ	< 104	< 104 UJ	< 104 UJ	< 104	< 104	< 104	< 104	< 104	< 104 UJ	< 104	< 104	< 104 UJ
	18 - 30 "	7/12/2007	< 109	< 109	< 109 UJ	< 109	< 109	< 109	< 109 UJ	< 109 UJ	< 109	< 109	< 109 UJ	< 109	< 109	< 109 UJ	< 109	< 109	< 109
T6T3-A1																			
	0 - 6 "	7/12/2007	< 187	< 187	< 187	< 187	< 187	< 187	< 187	< 187 UJ	< 187	< 187	< 187 UJ	< 187	< 187	< 187 UJ	< 187	< 187	< 187
	6 - 18 "	7/12/2007	< 183	< 183	< 183	< 183	< 183	< 183	< 183	< 183 UJ	< 183	< 183	< 183 UJ	< 183	< 183	< 183 UJ	< 183	< 183	< 183
	18 - 30 "	7/12/2007	< 181	< 181	< 181	< 181	< 181	< 181	< 181	< 181 UJ	< 181	< 181	< 181 UJ	< 181	< 181	< 181 UJ	< 181	< 181	< 181
	30 - 42 "	7/12/2007	< 108	< 108	< 108 UJ	< 108	< 108	< 108	< 108 UJ	< 108 UJ	< 108	< 108	< 108 UJ	< 108	< 108	< 108 UJ	< 108	< 108	< 108
	42 - 54 "	7/12/2007	< 110 R	< 110 R	< 110 R	< 110 R	< 110 R	< 110 R	< 110 R	< 110 R	< 110 R	< 110 R	< 110 R	< 110 R	< 110 R	< 110 R	< 110 R	< 110 R	< 110 R
	54 - 66 "	7/12/2007	< 110	< 110	< 110 UJ	< 110	< 110	< 110	< 110 UJ	< 110 UJ	< 110	< 110	< 110 UJ	< 110	< 110	< 110 UJ	< 110	< 110	< 110

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USEPA# : WIN000509983 **BRRTS# : 0250000079**

Sample ID	Depth	Collection Date	2-Methyl-naphthalene	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)-anthracene	Benzo(a)-pyrene	Benzo(b)-fluoranthene	Benzo(g,h,i)-pyrene	Benzo(k)-fluoranthene	Chrysene	Dibenzo(a,h)-anthracene	Fluoranthene	Fluorene	Indeno (1,2,3-cd) pyrene	Naph - thalene	Phenanthrene	Pyrene
Sediment Screening Benchmarks																			
Benchmarks			360	396	365	57.2	108	150	788	882	791	166	33	423	77.4	899	176	204	195
T7-A1																			
	0 - 6 "	7/11/2007	**4200**	**8800**	**1500**	**10000 J**	**12000**	**6700**	**13000 J**	**2700 J**	**7400 J**	**11000**	**1500**	**19000 J**	**9200**	**3700 J**	**2500**	**26000 J**	**35000 Q J**
	6 - 18 "	7/11/2007	**3400**	**7400 J**	< 1235	**8400 J**	**10000 J**	**5500 J**	**11000 J**	**2600 J**	**6100 J**	**8200 J**	**1300**	**16000 J**	**7300 J**	**3600 J**	**2100 J**	**21000 J**	**23000 J**
	18 - 30 "	7/11/2007	**640**	240	< 118	**1600 J**	**1800**	**980**	**2000 J**	360 J	**1100 J**	**1500**	**140**	**2700 J**	**980**	400 J	**340**	**4000 Q J**	**2600 J**
	30 - 42 "	7/11/2007	< 111	160 J	< 111	**170 J**	**270 J**	**230 J**	320 J	< 111 UJ	120 J	**180 J**	< 111	**470 J**	**150 J**	< 111 UJ	< 111	**540 J**	**700 J**
	42 - 54 "	7/11/2007	< 110	< 110	< 110	< 110	< 110	< 110	< 110	< 110 UJ	< 110	< 110	< 110	< 110	< 110	< 110 UJ	< 110	< 110	< 110
	54 - 66 "	7/11/2007	< 105	< 105	< 105 UJ	< 105	< 105 UJ	< 105	< 105 UJ	< 105 UJ	< 105	< 105	< 105	< 105	< 105	< 105 UJ	< 105	< 105	< 105 UJ
	66 - 72 "	7/11/2007	< 111	< 111	< 111 UJ	< 111	< 111 UJ	< 111	< 111 UJ	< 111 UJ	< 111	< 111	< 111	< 111	< 111	< 111 UJ	< 111	< 111	< 111 UJ
T7-B1																			
	0 - 6 "	7/11/2007	**39000 Q**	**42000 Q**	**7900**	**54000 Q J**	**44000 Q**	**26000**	**48000 Q J**	**6400 J**	**28000 J**	**43000 Q**	**2400**	**58000 Q J**	**40000 Q**	**6100 J**	**80000 Q**	**85000 Q J**	**110000 Q J**
	6 - 18 "	7/11/2007	270	**400**	< 115	**370 J**	**420**	**210**	390 J	< 115 UJ	260 J	**330**	< 115 UJ	**620 J**	**400**	< 115 UJ	**530**	**1000 J**	**980 J**
	18 - 30 "	7/11/2007	< 114	< 114	< 114	< 114 UJ	< 114	< 114	< 114	< 114 UJ	< 114	< 114	< 114 UJ	< 114 UJ	< 114	< 114 UJ	< 114	< 114 UJ	170 J
	30 - 42 "	7/11/2007	< 110	< 110	< 110	< 110	< 110	< 110	< 110	< 110 UJ	< 110	< 110	< 110	< 110	< 110	< 110 UJ	< 110	< 110	< 110
T7-C1																			
	0 - 6 "	7/11/2007	< 125	< 125	< 125	< 125 UJ	< 125	< 125	< 125	< 125 UJ	< 125	< 125	< 125 UJ	< 125 UJ	< 125	< 125 UJ	< 125	< 125 UJ	< 125 UJ
	6 - 18 "	7/11/2007	< 123	< 123	< 123	< 123 UJ	< 123	< 123	< 123	< 123 UJ	< 123	< 123	< 123 UJ	< 123 UJ	< 123	< 123 UJ	< 123	< 123 UJ	< 123 UJ
	18 - 30 "	7/11/2007	< 116	< 116	< 116 UJ	< 116	< 116	< 116	< 116 UJ	< 116 UJ	< 116	< 116	< 116 UJ	< 116	< 116	< 116 UJ	< 116	< 116	< 116
T7-C2																			
	0 - 6 "	7/11/2007	< 125	< 125	< 125	< 125 UJ	< 125	< 125	< 125	< 125 UJ	< 125	< 125	< 125 UJ	< 125 UJ	< 125	< 125 UJ	< 125	< 125 UJ	< 125 UJ
	6 - 18 "	7/11/2007	< 112	< 112	< 112 UJ	< 112	< 112	< 112	< 112 UJ	< 112 UJ	< 112	< 112	< 112 UJ	< 112	< 112	< 112 UJ	< 112	< 112	< 112
	18 - 30 "	7/11/2007	< 114	< 114	< 114 UJ	< 114	< 114	< 114	< 114 UJ	< 114 UJ	< 114	< 114	< 114 UJ	< 114	< 114	< 114 UJ	< 114	< 114	< 114

Notes

1) Parameters that attain or exceed a Sediment Screening Benchmark are identified in bold and underlined.
2) The hierarchy for the Sediment Benchmarks is provided on Table 14 - Sediment Screening Benchmark Values.

<2.0 : Parameter not detected above the Limit of Detection indicated.
NS : Sediment Quality Guideline Value has not been established for this parameter.
Q: Analyte result has been qualified, see laboratory analytical report for additional information.
Other Qualifiers (J, N, R, etc.): Analyte result has been qualified by data validator, see validation report for additional information.
--: Analysis not performed.
QC: Quality Control duplicate sample.

Table 16. Sediment Analytical Results - Petroleum Volatile Organic Compounds (PVOC, µg/Kg), Cyanide (µg/Kg), and Metals (µg/Kg)

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1111 Crosby Avenue, Steven's Point, Wisconsin
USEPA# : WIN000509983 BRRTS# : 0250000079

Sample ID	*Depth*	*Collection Date*	*Aluminum*	*Antimony*	*Arsenic*	*Barium*	*Cadmium*	*Chromium*	*Copper*	*Iron*	*Lead*	*Manganese*	*Mercury*	*Nickel*	*Selenium*	*Silver*	*Vanadium*	*Zinc*	*Benzene*	*Ethyl-benzene*	*Toluene*	*Xylene - Total*	*1,3,5-Trimethyl-benzene*	*1,2,4-Trimethyl-benzene*	*Cyanide, Total*
Sediment Screening Benchmarks																									
Benchmarks			NS	2000	9790	NS	990	43400	31600	20000000	35800	460000	180	22700	NS	1600	NS	121000	308	459	383	465	NS	NS	NS
Psed-201																									
	0 - 6 "	7/11/2007	3000000 R	< 1800 Q	4300	23000	< 900 Q	< 3600 U UJ	2500 J-	4800000 R	32000	80000	91 J+	2000	< 1800 Q	< 900 Q	7300	82000 J-	< 88 Q	< 88 Q	< 88 Q	36 Q J+	< 177 Q	< 177 Q	--
	6 - 18 "	7/11/2007	2000000 R	< 1400 Q	3700	15000	< 700 Q	700 J-	1700 J-	4400000 R	**45000**	37000	40 J+	1700	700	< 700 Q	4900	34000 J-	< 46 Q	< 46 Q	< 46 Q	96 Q J+	< 92 Q	< 92 Q	--
	18 - 30 "	7/11/2007	2600000 R	< 1400 Q	3900	19000	< 700 Q	700 J-	2200 J-	4600000 R	35000	53000	87 J+	2700	1500	< 700 Q	7000	42000 J-	< 45 Q	< 45 Q	< 45 Q	< 90 Q	< 90 Q	< 90 Q	--
Psed-202																									
	0 - 6 "	7/11/2007	11000000	< 2000 Q UJ	5900 J-	120000 J-	**1300 J-**	23000 J-	31000 J-	19000000 R	**350000 J-**	230000 J-	**490**	10000 J-	< 2000 Q UJ	< 1000 Q UJ	39000 J-	**230000 J-**	< 97	< 97	< 97	< 195	< 195	< 195	--
	6 - 18 "	7/11/2007	15000000	< 2600 Q UJ	7700 J-	180000 J-	< 1300 Q UJ	28000 J-	**46000 J-**	**24000000 R**	**260000 J-**	250000 J-	**790**	12000 J-	< 2600 Q UJ	< 1300 Q UJ	49000 J-	**310000 J-**	< 116	< 116	< 116	< 233	< 233	< 233	--
	18 - 30 "	7/11/2007	21000000	< 2700 Q UJ	9200 J-	300000 J-	**4000 J-**	4000 J-	**59000 J-**	**27000000 R**	**320000 J-**	350000 J-	**1100**	17000 J-	< 2700 Q UJ	< 1300 Q UJ	70000 J-	**430000 J-**	< 138	< 138	< 138	< 275	< 275	< 275	--
Psed-203																									
	0 - 6 "	7/11/2007	13000000	< 4100 Q UJ	6500 J-	150000 J-	< 2000 Q UJ	39000 J-	25000 J-	**20000000 R**	**110000 J-**	310000 J-	**220**	15000 J-	< 4100 Q UJ	< 2000 Q UJ	35000 J-	**190000 J-**	< 199	< 199	< 199	< 399	< 399	< 399	--
	6 - 18 "	7/11/2007	9600000	< 2600 Q UJ	6700 J-	130000 J-	< 1300 Q UJ	18000 J-	**34000 J-**	17000000 R	**120000 J-**	180000 J-	**390**	8800 J-	< 2600 Q UJ	< 1300 Q UJ	31000 J-	**210000 J-**	< 129 Q	130	< 129 Q	140 Q	150 Q	270	--
	18 - 25 "	7/11/2007	24000000	< 3600 Q UJ	**11000 J-**	220000 J-	**2600 J-**	**57000 J-**	**61000 J-**	**39000000 R**	**300000 J-**	**530000 J-**	**680**	**24000 J-**	< 3600 Q UJ	< 1800 Q UJ	68000 J-	**340000 J-**	< 174	< 174	< 174	< 349	< 349	< 349	--
T1-A1																									
	0 - 6 "	7/10/2007	2100000 J+	< 1500 Q R	< 1500 Q	19000	< 700 Q	7800	4600	5600000 R	6200	120000 R	30	3500	< 1500 Q	< 700 Q	10000	14000 R	< 73	< 73	< 73	< 146	< 146	< 146	< 110
	6 - 18 "	7/10/2007	1800000 J+	< 1400 Q R	< 1400 Q	14000	< 700 Q	4400	3500	4200000 R	5800	80000 R	56	3100	< 1400 Q	< 700 Q	10000	12000 R	< 69	< 69	< 69	< 139	< 139	< 139	< 100
	18 - 30 "	7/10/2007	2600000 J+	< 1200 Q R	< 1200 Q	17000	< 600 Q	6000	3600	5400000 R	1600	86000 R	**290**	3400	< 1200 Q	< 600 Q	13000	9400 R	< 62	< 62	< 62	< 124	< 124	< 124	< 130
	30 - 42 "	7/10/2007	3100000	< 1200 Q UJ	1200	46000 J+	< 600 Q UJ	5700 J-	5600	4600000 R	2000	120000 R	12	4100 J-	< 1200 Q UJ	< 600 Q UJ	12000 J-	8700 R	< 61	< 61	< 61	< 122	< 122	< 122	< 78
	42 - 54 "	7/10/2007	2800000	< 1400 Q UJ	< 1400 Q UJ	16000 J+	< 700 Q UJ	6000 J-	3000	5900000 R	1500	92000 R	16	4100 J-	< 1400 Q UJ	< 700 Q UJ	15000 J-	11000 R	< 66	< 66	< 66	< 132	< 132	< 132	< 100
	54 - 66 "	7/10/2007	4100000	< 1300 Q UJ	< 1300 Q UJ	33000 J+	< 600 Q UJ	9600 J-	13000	8300000 R	1800	170000 R	28	6800 J-	< 1300 Q UJ	< 600 Q UJ	22000 J-	18000 R	< 60	< 60	< 60	< 120	< 120	< 120	< 55
	66 - 78 "	7/10/2007	8000000	< 1100 Q UJ	< 1100 Q UJ	79000 J+	< 500 Q UJ	20000 J-	24000	17000000 R	1700	340000 R	8.6	19000 J-	< 1100 Q UJ	< 500 Q UJ	36000 J-	42000 R	< 52	< 52	< 52	< 103	< 103	< 103	< 58
T1-B1																									
	0 - 6 "	7/10/2007	2800000 J+	< 1100 Q R	1100	18000	< 600 Q	6900	3900	6500000 R	1600	190000 R	48	4800	< 1100 Q	< 600 Q	16000	13000 R	< 54	< 54	< 54	< 107	< 107	< 107	< 95
	6 - 18 "	7/10/2007	3100000 J+	< 1200 Q R	< 1200 Q	20000	< 600 Q	11000	6000	8800000 R	2100	170000 R	13	5300	< 1200 Q	< 600 Q	23000	13000 R	< 53	< 53	< 53	< 106	< 106	< 106	< 130
	18 - 30 "	7/10/2007	2600000 J+	< 1200 Q R	< 1200 Q	22000	< 600 Q	9400	6200	6500000 R	1400	99000 R	12	5000	< 1200 Q	< 600 Q UJ	17000	13000 R	< 55	< 55	< 55	< 110	< 110	< 110	< 89
	30 - 42 "	7/10/2007	5500000 J+	< 1200 Q R	< 1200 Q	52000	< 600 Q	10000	11000	14000000 R	1200	110000 R	11	9800	< 1200 Q	< 600 Q	24000	15000 R	< 59	< 59	< 59	< 117	< 117	< 117	< 96
T1-C1a																									
	6 - 18 "	7/9/2007	5400000 J+	< 1300 Q R	< 1300 Q	37000	< 600 Q	14000	**34000**	8300000 R	2200	100000 R	11	8700	< 1300 Q	< 600 Q	37000	15000 R	< 61	< 61	< 61	< 122	< 122	< 122	< 80
	60 - 72 "	7/9/2007	8500000 J+	< 1000 Q R	< 1000 Q	39000	< 500 Q	20000	**63000**	**21000000 R**	< 1000 Q	320000 R	11	22000	< 1000 Q	< 500 Q	85000	28000 R	< 51	< 51	< 51	< 102	< 102	< 102	< 85
	72 - 84 "	7/9/2007	6900000 J+	< 1100 Q R	< 1100 Q	30000	< 600 Q	16000	**52000**	17000000 R	< 1100 Q	260000 R	22	18000	< 1100 Q	< 600 Q	71000	22000 R	< 55	< 55	< 55	< 110	< 110	< 110	< 77
	84 - 96 "	7/9/2007	6600000 J+	< 1000 Q R	< 1000 Q	33000	< 500 Q	15000	**53000**	15000000 R	< 1000 Q	230000 R	24	17000	< 1000 Q	< 500 Q	63000	20000 R	< 52	< 52	< 52	< 105	< 105	< 105	< 80
	96 - 108 "	7/9/2007	8700000 J+	< 1100 Q R	< 1100 Q	54000	< 500 Q	20000	**55000**	19000000 R	1200	270000 R	10	19000	< 1100 Q	< 500 Q	74000	24000 R	< 52	< 52	< 52	< 103	< 103	< 103	< 98
	108 - 120 "	7/9/2007	9900000 J+	< 1100 Q R	< 1100 Q	77000	< 500 Q	24000	**97000**	**22000000 R**	1800	290000 R	6.5	21000	< 1100 Q	< 500 Q	80000	28000 R	< 55	< 55	< 55	< 110	< 110	< 110	< 110
	120 - 132 "	7/9/2007	9184000 J+	< 1000 Q R	< 1000 Q	41000	< 500 Q	21000	**68000**	**21429000 R**	1220	347000 R	11	21400	< 1000 Q	< 500 Q	83000	29000 R	< 52	< 52	< 52	< 103	< 103	< 103	< 75
	132 - 144 "	7/9/2007	11000000 J+	< 1100 Q R	< 1100 Q	65000	< 500 Q	26000	**400000**	**27000000 R**	2300	400000 R	5.1	**29000**	< 1100 Q	620	110000	38000 R	< 52	< 52	< 52	< 103	< 103	< 103	< 58
T1-D1																									
	0 - 6 "	7/9/2007	8500000 J+	< 1200 Q R	< 1200 Q	200000	830	23000	15000	17000000 R	2000	270000 R	13	16000	< 1200 Q	< 600 Q	43000	39000 R	< 60	< 60	< 60	< 120	< 120	< 120	< 74
	6 - 18 "	7/9/2007	11000000 J+	< 1300 Q R	< 1300 Q	330000	< 600 Q	24000	27000	**20000000 R**	2000	430000 R	18	17000	< 1300 Q	< 600 Q	46000	59000 R	< 61	< 61	< 61	< 121	< 121	< 121	< 87
	18 - 24 "	7/9/2007	8800000 J+	< 1100 Q R	< 1100 Q	170000	< 600 Q	35000	**42000**	17000000 R	1500	250000 R	19	16000	< 1100 Q	< 600 Q	43000	36000 R	< 56	< 56	< 56	< 113	< 113	< 113	< 76

1177 Wisconsin Public Service Corp., Stevens Point MGP Site Remediation Activities
1111 Crosby Avenue, Steven's Point, Wisconsin
USEPA# : WIN000509983 **BRRTS# : 0250000079**

Sample ID	Depth	Collection Date	Aluminum	Antimony	Arsenic	Barium	Cadmium	Chromium	Copper	Iron	Lead	Manganese	Mercury	Nickel	Selenium	Silver	Vanadium	Zinc	Benzene	Ethyl-benzene	Toluene	Xylene - Total	1,3,5-Trimethyl-benzene	1,2,4-Trimethyl-benzene	Cyanide, Total
Sediment Screening Benchmarks																									
Benchmarks			NS	2000	9790	NS	990	43400	31600	20000000	35800	460000	180	22700	NS	1600	NS	121000	308	459	383	465	NS	NS	NS
T2-A1																									
	0 - 6 "	7/10/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	< 58 Q	< 58 Q	< 58 Q	29 Q	< 114 Q	< 114 Q	--
	6 - 18 "	7/10/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	< 105 Q	< 105 Q	< 105 Q	59 Q	< 210 Q	< 210 Q	--
	18 - 30 "	7/10/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	< 61 Q	< 61 Q	< 61 Q	37 Q	< 121 Q	< 121 Q	--
	30 - 42 "	7/10/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	< 54 Q	< 54 Q	< 54 Q	< 108 Q	< 108 Q	< 108 Q	--
T3-A1																									
	0 - 6 "	7/11/2007	4300000	< 3300 Q UJ	7300 J-	53000 J-	**2600 J-**	6600 J-	8300 J-	13000000 R	**69000 J-**	240000 J-	**1600**	3300 J-	3300 J-	< 1700 Q UJ	18000 J-	59000 J-	< 169	270	< 169	**790**	270	610	--
	6 - 18 "	7/11/2007	4200000	< 2800 Q UJ	5100 J-	51000 J-	< 1400 Q	13000 J-	7600 J-	13000000 R	**42000 J-**	310000 J-	**370**	5100 J-	< 2800 Q UJ	< 1400 Q UJ	23000 J-	45000 J-	**2900**	**9400**	**7600**	**25000**	4400	10000	--
	18 - 30 "	7/11/2007	4900000	< 2000 Q UJ	5300 J-	51000 J-	**1200 J-**	11000 J-	6800 J-	9200000 R	23000 J-	150000 J-	**210**	4900 J-	2700 J-	< 1000 Q UJ	20000 J-	39000 J-	**21000**	**49000**	**43000**	**130000**	19000	45000	--
	30 - 42 "	7/11/2007	4300000	< 1500 Q UJ	1900 J-	28000 J-	< 700 Q UJ	8300 J-	3700 J-	7500000 R	9000 J-	90000 J-	65	5200 J-	< 1500 Q UJ	< 700 Q UJ	18000 J-	16000 J-	**4000**	**12000**	**5800**	**31000**	5400	14000	--
	42 - 54 "	7/11/2007	3300000	< 1300 Q UJ	< 1300 Q UJ	19000 J-	< 600 Q UJ	6400 J-	3900 J-	5300000 R	1400 J-	61000 J-	4.2	4700 J-	< 1300 Q UJ	< 600 Q UJ	15000 J-	16000 J-	< 62	94	< 62	260	< 124	140	--
	54 - 66 "	7/11/2007	3300000	< 1200 Q UJ	< 1200 Q UJ	20000 J-	< 600 Q UJ	6600 J-	8000 J-	6900000 R	1400 J-	77000 J-	4.1	4500 J-	< 1200 Q UJ	< 600 Q UJ	17000 J-	14000 J-	< 59	170	86	460	< 118	240	--
	66 - 78 "	7/11/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	< 50 Q	< 50 Q	< 50 Q	34 Q J+	< 100 Q	< 100 Q	--
	78 - 90 "	7/11/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	< 50 Q	< 49 Q	< 49 Q	38 Q J+	< 98 Q	< 98 Q	--
	90 - 102 "	7/11/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	< 53 Q	< 53 Q	< 53 Q	71 Q J+	< 107 Q	30 Q J+	--
T3-A2																									
	0 - 6 "	7/11/2007	3200000	< 1200 Q UJ	1700 J-	21000 J-	< 600 Q UJ	8000 J-	7400 J-	9000000 R	2100 J-	110000 J-	14	5700 J-	< 1200 Q UJ	< 600 Q UJ	15000 J-	17000 J-	< 53	< 53	< 53	< 106	< 106	< 106	--
	6 - 18 "	7/11/2007	4300000	< 1200 Q UJ	1900 J-	23000 J-	< 600 Q UJ	7300 J-	6700 J-	11000000 R	2300 J-	120000 J-	6.5	6600 J-	< 1200 Q UJ	< 600 Q UJ	14000 J-	23000 J-	< 56	< 56	< 56	< 113	< 113	< 113	--
	18 - 30 "	7/11/2007	3600000	< 1100 Q UJ	1300 J-	17000 J-	< 600 Q UJ	8700 J-	8300 J-	9800000 R	2100 J-	100000 J-	11	8200 J-	1300 J-	< 600 Q UJ	18000 J-	19000 J-	< 55	< 55	< 55	< 111	< 111	< 111	--
	30 - 42 "	7/11/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	< 53 Q	< 53 Q	< 53 Q	32 Q	< 106 Q	< 106 Q	--
	42 - 54 "	7/11/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	< 51 Q	< 51 Q	< 51 Q	32 Q	< 102 Q	< 102 Q	--
	54 - 66 "	7/11/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	< 46 Q	< 46 Q	< 46 Q	63 Q J+	< 92 Q	< 92 Q	--
T3-A3																									
	0 - 6 "	7/12/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	< 113 Q	71 Q	26 Q	200 Q	47 Q	120 Q	--
	6 - 18 "	7/12/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	< 48 Q	50	< 48 Q	120	< 96 Q	56 Q	--
	18 - 30 "	7/12/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	< 59 Q	30 Q	< 59 Q	61 Q	< 118 Q	48 Q	--
	30 - 42 "	7/12/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	< 53 Q	< 53 Q	< 53 Q	35 Q	< 107 Q	< 50 Q	--
	42 - 54 "	7/12/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	< 54 Q	< 54 Q	< 54 Q	< 108 Q	< 108 Q	< 108 Q	--
	54 - 66 "	7/12/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	< 52 Q	< 52 Q	< 52 Q	48 Q J+	< 105 Q	< 105 Q	--
	66 - 78 "	7/12/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	< 60 Q	< 60 Q	< 60 Q	53 Q J+	< 120 Q	< 120 Q	--
T3-A3a																									
	0 - 6 "	7/12/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	< 52 Q	< 52 Q	< 52 Q	56 Q J+	< 104 Q	< 104 Q	--
	6 - 18 "	7/12/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	< 55 Q	< 55 Q	< 55 Q	56 Q	< 110 Q	< 110 Q	--
	18 - 30 "	7/12/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	< 53 Q	78 J+	29 Q J+	240 J+	50 Q J+	53 Q J+	--
	42 - 54 "	7/12/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	< 77 Q	< 77 Q	< 77 Q	< 154 Q	< 154 Q	< 154 Q	--
	54 - 66 "	7/12/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	< 52 Q	< 52 Q	< 52 Q	51 Q J+	< 104 Q	< 104 Q	--

1177 Wisconsin Public Service Corp., Stevens Point MGP Site Remediation Activities
1111 Crosby Avenue, Steven's Point, Wisconsin
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Sample ID	Depth	Collection Date	Aluminum	Antimony	Arsenic	Barium	Cadmium	Chromium	Copper	Iron	Lead	Manganese	Mercury	Nickel	Selenium	Silver	Vanadium	Zinc	Benzene	Ethyl-benzene	Toluene	Xylene - Total	1,3,5-Trimethyl-benzene	1,2,4-Trimethyl-benzene	Cyanide, Total
Sediment Screening Benchmarks																									
Benchmarks			NS	2000	9790	NS	990	43400	31600	20000000	35800	460000	180	22700	NS	1600	NS	121000	308	459	383	465	NS	NS	NS
T3-B1																									
	0 - 6 "	7/10/2007	5000000	< 1300 Q UJ	1800 J-	21000 J+	< 600 Q UJ	8300 J-	10000	11000000 R	2300	200000 R	11	6900 J-	< 1300 Q UJ	< 600 Q UJ	18000 J-	31000 R	< 64	< 64	< 64	< 128	< 128	< 128	< 74
	6 - 18 "	7/10/2007	1900000	< 1200 Q UJ	< 1200 Q UJ	12000 J+	< 600 Q UJ	2900 J-	4200	5100000 R	1400	85000 R	13	3300 J-	< 1200 Q UJ	< 600 Q UJ	7300 J-	17000 R	< 61	< 61	< 61	< 121	< 121	< 121	< 67
	18 - 30 "	7/10/2007	5300000	< 1200 Q UJ	< 1200 Q UJ	24000 J+	< 600 Q UJ	13000 J-	7000	8100000 R	1700	140000 R	9.1	13000 J-	< 1200 Q UJ	< 600 Q UJ	16000 J-	18000 R	< 60	< 60	< 60	< 120	< 120	< 120	< 64
	30 - 42 "	7/10/2007	6700000	< 1100 Q UJ	< 1100 Q UJ	52000 J+	< 500 Q UJ	20000 J-	26000	14000000 R	2600	200000 R	14	11000 J-	< 1100 Q UJ	< 500 Q UJ	34000 J-	23000 R	< 53	< 53	< 53	< 106	< 106	< 106	< 74
	42 - 54 "	7/10/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	< 53 Q	< 53 Q	< 53 Q	< 106 Q	< 106 Q	< 106 Q	--
	54 - 66 "	7/10/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	< 59 Q	< 59 Q	< 59 Q	< 118 Q	< 118 Q	< 118 Q	--
T3-C1																									
	0 - 6 "	7/10/2007	3000000	< 1100 Q UJ	< 1100 Q UJ	27000 J+	< 600 Q UJ	9900 J-	12000	7200000 R	1900	100000 R	16	8100 J-	< 1100 Q UJ	< 600 Q UJ	19000 J-	14000 R	< 54	< 54	< 54	< 109	< 109	< 109	< 69
	6 - 18 "	7/10/2007	6200000	< 1100 Q UJ	< 1100 Q UJ	41000 J+	< 600 Q UJ	29000 J-	14000	13000000 R	2000	190000 R	10	17000 J-	< 1100 Q UJ	< 600 Q UJ	28000 J-	30000 R	< 49	< 49	< 49	< 97	< 97	< 97	< 77
	18 - 30 "	7/10/2007	3600000	< 1100 Q UJ	< 1100 Q UJ	29000 J+	< 600 Q UJ	9000 J-	17000	7100000 R	1200	88000 R	4.7	7200 J-	< 1100 Q UJ	< 600 Q UJ	19000 J-	16000 R	< 51	< 51	< 51	< 101	< 101	< 101	< 67
	30 - 42 "	7/10/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	< 55 Q	< 55 Q	< 55 Q	< 110 Q	< 110 Q	< 110 Q	--
T3-D1a																									
	0 - 6 "	7/10/2007	--	--	--	--	--	--	--	--	--	--	17	--	--	--	--	--	< 48	< 48	< 48	< 96	< 96	< 96	< 56
	6 - 18 "	7/10/2007	--	--	--	--	--	--	--	--	--	--	17	--	--	--	--	--	< 41	< 41	< 41	< 83	< 83	< 83	< 63
	18 - 30 "	7/10/2007	--	--	--	--	--	--	--	--	--	--	8.8	--	--	--	--	--	< 46	< 46	< 46	< 93	< 93	< 93	< 75
	30 - 36 "	7/10/2007	--	--	--	--	--	--	--	--	--	--	8.9	--	--	--	--	--	< 56	< 56	< 56	< 111	< 111	< 111	< 87
T4-A1																									
	0 - 6 "	7/11/2007	20000000	< 1200 Q UJ	1800 J-	250000 J-	< 600 Q UJ	26000 J-	7800 J-	**44000000 R**	1800 J-	380000 J-	3.2	**23000 J-**	< 1200 Q UJ	< 600 Q UJ	54000 J-	26000 J-	< 61	< 61	< 61	< 121	< 121	< 121	--
	6 - 18 "	7/11/2007	12000000	< 1200 Q UJ	1400 J-	170000 J-	750 J-	18000 J-	5900 J-	**34000000 R**	1200 Q UJ	270000 J-	4.3	17000 J-	< 1200 Q UJ	< 600 Q UJ	38000 J-	28000 J-	< 57	< 57	< 57	< 113	< 113	< 113	--
	18 - 30 "	7/11/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	< 55	< 55	< 55	< 109	< 109	< 109	--
	30 - 42 "	7/11/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	< 69 Q	< 69 Q	< 69 Q	86 Q J+	< 137 Q	< 137 Q	--
	42 - 54 "	7/11/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	< 57 Q	< 57 Q	31 Q	32 Q	< 114 Q	< 114 Q	--
	54 - 66 "	7/11/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	< 62 Q	36 Q J+	< 62 Q	122 Q J+	105 Q J+	122 Q J+	--
T4-A2																									
	0 - 6 "	7/12/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	< 57 Q	65	32 Q	200	50 Q	55 Q	--
	6 - 18 "	7/12/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	< 62 Q	< 62 Q	33 Q J+	160 J+	41 Q J+	45 Q J+	--
	18 - 30 "	7/12/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	< 63 Q	< 63 Q	< 63 Q	61 Q J+	< 127 Q	< 127 Q	--
	30 - 42 "	7/12/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	< 60 Q	< 60 Q	< 60 Q	40 Q J+	< 120 Q	< 120 Q	--
T4-B1																									
	0 - 6 "	7/10/2007	--	--	--	--	--	--	--	--	--	--	6.4	--	--	--	--	--	< 56	< 56	< 56	< 112	< 112	< 112	< 170
	6 - 18 "	7/10/2007	--	--	--	--	--	--	--	--	--	--	19	--	--	--	--	--	< 48	< 48	< 48	< 95	< 95	< 95	< 44
	18 - 30 "	7/10/2007	--	--	--	--	--	--	--	--	--	--	77	--	--	--	--	--	< 57	< 57	< 57	< 115	< 115	< 115	< 60
	30 - 42 "	7/10/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	< 58 Q	< 58 Q	< 58 Q	33 Q	< 117 Q	< 117 Q	--
	42 - 54 "	7/10/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	< 48 Q	< 48 Q	< 48 Q	32 Q	< 97 Q	< 97 Q	--
T4-C1																									
	0 - 6 "	7/11/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	< 51 Q	< 51 Q	< 51 Q	< 102 Q	< 102 Q	< 102 Q	--
	6 - 18 "	7/11/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	< 59 Q	< 59 Q	< 59 Q	< 118 Q	< 118 Q	< 118 Q	--
	18 - 30 "	7/11/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	< 57 Q	< 57 Q	< 57 Q	69 Q J+	< 114 Q	< 114 Q	--
	30 - 42 "	7/11/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	< 55 Q	< 55 Q	< 55 Q	< 110 Q	< 110 Q	< 110 Q	--

1177 Wisconsin Public Service Corp., Stevens Point MGP Site Remediation Activities
1111 Crosby Avenue, Steven's Point, Wisconsin
USEPA# : WIN000509983 BRRTS# : 0250000079

Sample ID	*Depth*	*Collection Date*	*Aluminum*	*Antimony*	*Arsenic*	*Barium*	*Cadmium*	*Chromium*	*Copper*	*Iron*	*Lead*	*Manganese*	*Mercury*	*Nickel*	*Selenium*	*Silver*	*Vanadium*	*Zinc*	*Benzene*	*Ethyl-benzene*	*Toluene*	*Xylene - Total*	*1,3,5-Trimethyl-benzene*	*1,2,4-Trimethyl-benzene*	*Cyanide, Total*
Sediment Screening Benchmarks																									
Benchmarks			NS	2000	9790	NS	990	43400	31600	20000000	35800	460000	180	22700	NS	1600	NS	121000	308	459	383	465	NS	NS	NS
T4-D1																									
	0 - 6 "	7/11/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	< 51 Q	< 51 Q	< 51 Q	< 101 Q	< 101 Q	< 101 Q	--
	6 - 18 "	7/11/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	< 56 Q	< 56 Q	< 56 Q	33 Q	< 111 Q	< 111 Q	--
	18 - 24 "	7/11/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	< 51 Q	< 51 Q	< 51 Q	< 103 Q	< 103 Q	< 103 Q	--
T5-A1																									
	0 - 6 "	7/11/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	< 71	< 71	< 71	< 143	< 143	< 143	--
	6 - 18 "	7/11/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	< 78	< 78	< 78	< 157	< 157	< 157	--
	18 - 30 "	7/11/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	< 63	< 63	< 63	< 125	< 125	< 125	--
	30 - 42 "	7/11/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	< 55 Q	< 55 Q	< 55 Q	40 Q	< 110 Q	< 110 Q	--
	42 - 54 "	7/11/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	< 54 Q	< 54 Q	< 54 Q	67 Q	< 108 Q	28 Q	--
T5-B1																									
	0 - 6 "	7/11/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	< 60 Q	< 60 Q	< 60 Q	< 119 Q	< 119 Q	< 119 Q	--
	6 - 18 "	7/11/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	< 58 Q	< 58 Q	< 58 Q	51 Q J+	< 115 Q	< 115 Q	--
	18 - 30 "	7/11/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	< 52 Q	< 52 Q	< 52 Q	42 Q J+	< 103 Q	< 103 Q	--
	30 - 42 "	7/11/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	< 55 Q	< 55 Q	< 55 Q	35 Q	< 109 Q	< 109 Q	--
	42 - 54 "	7/11/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	< 57 Q	< 57 Q	< 57 Q	28 Q	< 113 Q	< 113 Q	--
T5-C1a																									
	0 - 6 "	7/11/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	< 56 Q	< 56 Q	< 56 Q	35 Q	< 112 Q	< 112 Q	--
	18 - 24 "	7/11/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	< 55 Q	< 55 Q	< 55 Q	< 110 Q	< 110 Q	< 110 Q	--
T5-D1																									
	0 - 6 "	7/11/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	< 46 Q	< 46 Q	< 46 Q	< 92 Q	< 92 Q	< 92 Q	--
T6-A1																									
	0 - 6 "	7/11/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	< 89	< 89	< 89	< 178	< 178	< 178	--
	6 - 18 "	7/11/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	< 95	< 95	< 95	< 190	< 190	< 190	--
	18 - 30 "	7/11/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	< 59	< 59	< 59	< 118	< 118	< 118	--
T6-B1																									
	0 - 6 "	7/12/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	< 114 Q	< 114 Q	< 114 Q	86 Q	72 Q	86 Q	--
	6 - 18 "	7/12/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	< 48 Q	< 48 Q	< 48 Q	< 96 Q	< 96 Q	< 96 Q	--
	18 - 30 "	7/12/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	< 54 Q	< 54 Q	< 54 Q	< 109 Q	< 109 Q	< 109 Q	--
	30 - 42 "	7/12/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	< 53 Q	< 53 Q	< 53 Q	< 106 Q	< 106 Q	< 106 Q	--
	42 - 54 "	7/12/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	< 53 Q	< 53 Q	< 53 Q	83 Q J+	< 106 Q	< 106 Q	--
T6-C1																									
	0 - 6 "	7/12/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	< 54 Q	< 54 Q	< 54 Q	36 Q	< 108 Q	< 108 Q	--
	6 - 18 "	7/12/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	< 48 Q	< 48 Q	< 48 Q	< 96 Q	< 96 Q	< 96 Q	--
	18 - 30 "	7/12/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	< 54 Q	< 54 Q	< 54 Q	< 109 Q	< 109 Q	< 109 Q	--
T6-D1																									
	0 - 6 "	7/12/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	< 50 Q	< 50 Q	< 50 Q	28 Q	< 100 Q	< 100 Q	--
	6 - 18 "	7/12/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	< 50 Q	< 50 Q	< 50 Q	< 100 Q	< 100 Q	< 100 Q	--
	18 - 30 "	7/12/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	< 53 Q	< 53 Q	< 53 Q	< 106 Q	< 106 Q	< 106 Q	--

1177 Wisconsin Public Service Corp., Stevens Point MGP Site Remediation Activities
1111 Crosby Avenue, Steven's Point, Wisconsin
USEPA# : WIN000509983 **BRRTS# : 0250000079**

Sample ID	*Depth*	*Collection Date*	*Aluminum*	*Antimony*	*Arsenic*	*Barium*	*Cadmium*	*Chromium*	*Copper*	*Iron*	*Lead*	*Manganese*	*Mercury*	*Nickel*	*Selenium*	*Silver*	*Vanadium*	*Zinc*	*Benzene*	*Ethyl-benzene*	*Toluene*	*Xylene - Total*	*1,3,5-Trimethyl-benzene*	*1,2,4-Trimethyl-benzene*	*Cyanide, Total*
Sediment Screening Benchmarks																									
Benchmarks			NS	2000	9790	NS	990	43400	31600	20000000	35800	460000	180	22700	NS	1600	NS	121000	308	459	383	465	NS	NS	NS
T6T3-A1																									
	0 - 6 "	7/12/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	< 63 Q	< 63 Q	< 63 Q	< 126 Q	< 126 Q	< 126 Q	--
	6 - 18 "	7/12/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	< 58 Q	< 58 Q	< 58 Q	< 117 Q	< 117 Q	< 117 Q	--
	18 - 30 "	7/12/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	< 45 Q	< 45 Q	< 45 Q	46 Q	< 91 Q	< 91 Q	--
	30 - 42 "	7/12/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	< 54 Q	< 54 Q	< 54 Q	39 Q J+	< 108 Q	< 108 Q	--
	42 - 54 "	7/12/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	< 60 Q	< 60 Q	< 60 Q	< 119 Q	< 119 Q	< 119 Q	--
	54 - 66 "	7/12/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	< 56 Q	< 56 Q	< 56 Q	< 113 Q	< 113 Q	< 113 Q	--
T7-A1																									
	0 - 6 "	7/11/2007	3800000 R	< 1200 Q UJ	3700	35000 J-	< 600 Q	7200 J-	10000 J-	9000000 R	**43000 J-**	150000	30 J+	5100	1300	< 600 Q	15000	17000 J-	< 60	< 60	< 60	< 121	< 121	< 121	--
	6 - 18 "	7/11/2007	9600000 R	< 1200 Q	4100	< 1200	< 600 Q	12000 J-	28000 J-	**20000000 R**	31000	330000	13 J+	12000	1500	< 600 Q	33000	44000 J-	< 54	< 54	< 54	< 109	< 109	170	--
	18 - 30 "	7/11/2007	10000000 R	< 1200 Q	2800	190000	< 600 Q	18000 J-	26000 J-	**24000000 R**	2800	**570000**	10 J+	14000	< 1200 Q	< 600 Q	40000	61000 J-	< 57	< 57	< 57	< 114	< 114	< 114	--
	30 - 42 "	7/11/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	< 54 Q	< 54 Q	< 54 Q	< 108 Q	< 108 Q	< 108 Q	--
	42 - 54 "	7/11/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	< 55 Q	< 55 Q	< 55 Q	29 Q	< 110 Q	< 110 Q	--
	54 - 66 "	7/11/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	< 59 Q	< 59 Q	< 59 Q	< 118 Q	< 118 Q	< 118 Q	--
	66 - 72 "	7/11/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	< 53 Q	< 53 Q	< 53 Q	< 105 Q	< 105 Q	< 105 Q	--
T7-B1																									
	0 - 6 "	7/11/2007	3000000 R	< 1300 Q	3600	18000	< 600 Q	5900 J-	**91000 J-**	7100000 R	1900	120000	42 J+	4400	< 1300	< 600 Q	8600	13000 J-	< 58	130	< 58	410	190	440	--
	6 - 18 "	7/11/2007	2100000 R	< 1500 Q	2600	13000	< 600 Q	< 2300 Q UJ	3100 J-	4600000 R	< 1500 Q	60000	10 J+	2400	< 1500 Q	< 600 Q	11000	5500 J-	< 53	60	< 53	200	< 106	170	--
	18 - 30 "	7/11/2007	13000000 R	< 1100 Q	2400	56000	< 600 Q	14000 J-	4800 J-	**28000000 R**	< 1100 Q	210000	8.3 J+	**25000**	< 1100 Q	< 600 Q	31000	19000 J-	< 55	< 55	< 55	< 111	< 111	< 111	--
	30 - 42 "	7/11/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	< 55 Q	< 55 Q	< 55 Q	< 109 Q	< 109 Q	< 109 Q	--
T7-C1																									
	0 - 6 "	7/11/2007	2000000 R	< 1200 Q	3100	12000	< 600 Q	600 J-	< 1200 Q UJ	5400000 R	1300	66000	29 J+	2500	1000	< 600 Q	5700	8700 J-	< 59 Q	< 59 Q	< 59 Q	< 119 Q	< 119 Q	< 119 Q	--
	6 - 18 "	7/11/2007	24000000 R	< 1300 Q	3800	210000	< 600 Q	26000 J-	**45000 J-**	**35000000 R**	2300	450000	3.6 J+	19000	2100	< 600 Q	53000	83000 J-	< 59 Q	< 59 Q	< 59 Q	31 Q	< 118 Q	< 118 Q	--
	18 - 30 "	7/11/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	< 62 Q	< 62 Q	< 62 Q	32 Q	< 124 Q	< 124 Q	--
T7-C2																									
	0 - 6 "	7/11/2007	3300000 R	< 1200 Q	3200	26000	< 600 Q	2800 J-	2300 J-	8800000 R	1500	120000	< 2 Q UJ	4300	1100	< 600 Q	14000	16000 J-	< 59 Q	< 59 Q	< 59 Q	31 Q	< 117 Q	< 117 Q	--
	6 - 18 "	7/11/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	< 51 Q	< 51 Q	< 51 Q	53 Q J+	< 101 Q	< 101 Q	--
	18 - 30 "	7/11/2007	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	< 54 Q	< 54 Q	< 54 Q	53 Q J+	< 108 Q	< 108 Q	--

Notes
1) Parameters that attain or exceed a Sediment Screening Benchmark are identified in bold and underlined.
2) The hierarchy for the Sediment Benchmarks is provided on Table 14 - Sediment Screening Benchmark Values.

<2.0 : Parameter not detected above the Limit of Detection indicated.
NS : Sediment Quality Guideline Value has not been established for this parameter.
Q: Analyte result has been qualified, see laboratory analytical report for additional information.
Other Qualifiers (J, N, R, etc.): Analyte result has been qualified by data validator, see validation report for additional information.
--: Analysis not performed.
QC: Quality Control duplicate sample.

APPENDIX B-3

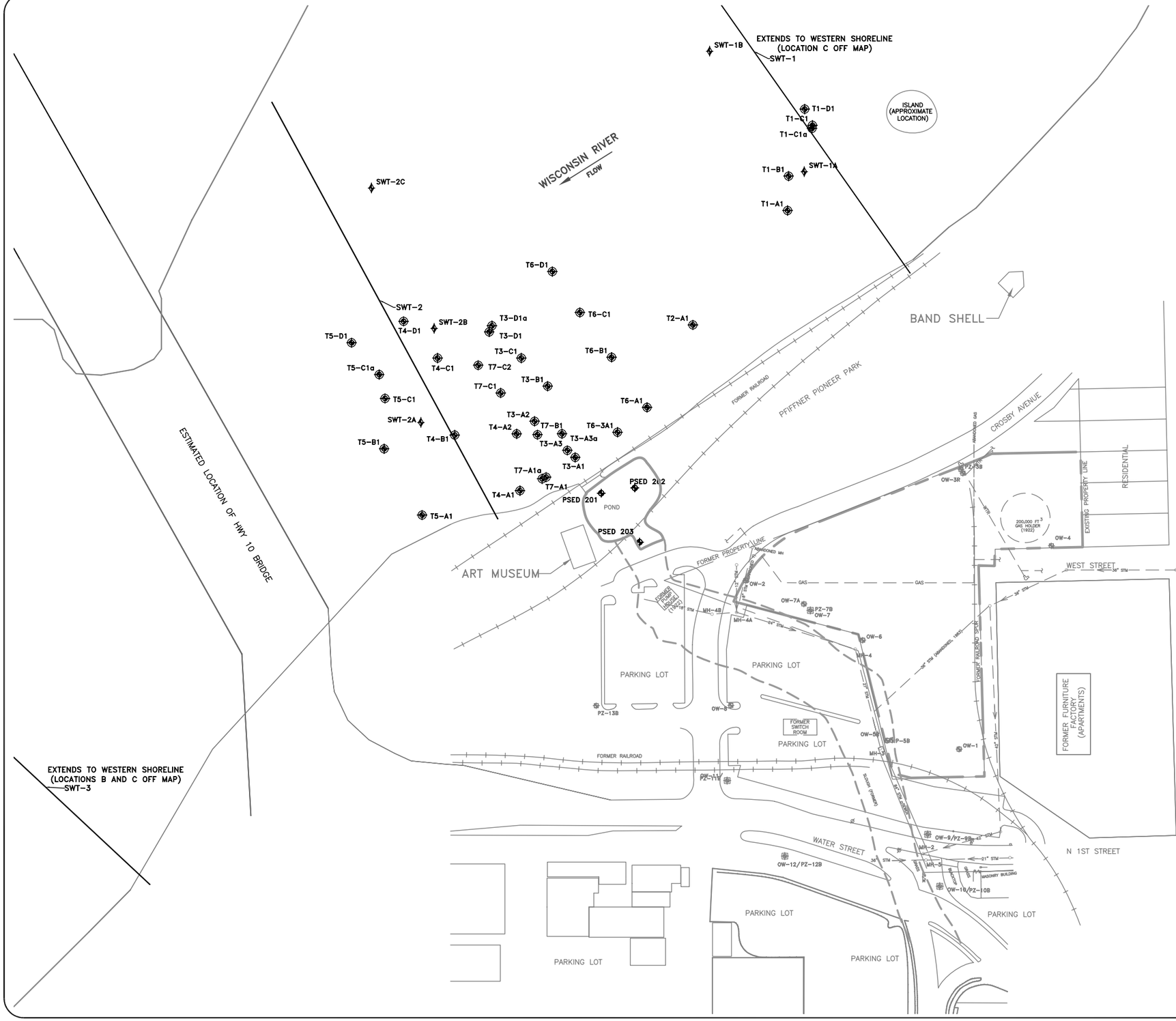
SURFACE WATER AND STORM SEWER ANALYTICAL RESULTS AND SAMPLING LOCATIONS

SEDIMENT SAMPLING AND SURFACE WATER SAMPLING LOCATIONS

REMEDIAL INVESTIGATION REPORT
WISCONSIN PUBLIC SERVICE CORPORATION
FORMER MANUFACTURE GAS PLANT, STEVENS POINT, WISCONSIN

DRAWN BY:	RLH	DATE: 05/20/08
CHECKED BY:	EPK	DATE: 05/30/08
APPROVED BY:	JMK	DATE: 06/04/08

DRAWING NO: 1177-1412-B06
REFERENCE: NONE



LEGEND

- T1-A1 — SEDIMENT SAMPLE LOCATION (2007)
- SWT-1B — SURFACE WATER SAMPLE LOCATION (2007)
- PSED 201 — SEDIMENT SAMPLE LOCATION (2007)
- OW-1 — WATER TABLE OBSERVATION WELL
- OW-9 — WATER TABLE OBSERVATION WELL
- MH-1 — STORM SEWER MANHOLE
- HYDRANT
- UTILITY POLE
- WTR — WATER LINE
- GAS — GAS LINE
- STM — STORM SEWER
- MGP — MANUFACTURED GAS PLANT
- FORMER BUILDINGS
- FORMER MGP PROCESS STRUCTURES
- FORMER RAILROAD

SOURCE NOTES:
THIS MAP WAS DEVELOPED FROM DRAWINGS BY SIMON HYDRO-SEARCH, DATED 02/11/94, DRAWING NO. 3075-d8 AND DRAWING NO. 3075-d2, DATED 11/15/93, PROJECT 304533075, A MAP FROM THE CITY OF STEVENS POINT, DRAWING E2 M-1461, DATE UNKNOWN, A MAP FROM THE CITY OF STEVENS POINT, DRAWING A-3 M-1456, DATED 1986, AND DRAWINGS FROM WISCONSIN PUBLIC SERVICE CORP., WSK509.DWG AND STPTGAS.DWG. GAS LINE TAKEN FROM WSK509.DWG AND ABANDONED GAS LINE TAKEN FROM WPSC W.O. 0013098081, STEVENS POINT AREA MAP NO. 2106-252. ALL LOCATIONS INCLUDING UTILITIES ARE APPROXIMATE.
A SURVEY FROM WPSC DATED JANUARY 31, 2000 LOCATED WELLS AND BORINGS SB-207 THROUGH SB-216 INSTALLED JANUARY 2000.
A SURVEY FROM WPSC DATED 6/2/00 LOCATED MH-1, SG-1 AT BRIDGE AND RIVERS NORTH EDGE.
UNSURVEYED PORTION OF RIVER AND ISLAND FROM EARTHVISIONS U.S. TERRAIN SERIES © EARTHVISIONS, INC. 603-433-8500.

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

N

0 80 160
SCALE IN FEET

NATURAL RESOURCE TECHNOLOGY

PROJECT NO.
1177/14.12

FIGURE NO.
6

Table 12. Storm Water Analytical Results - Polynuclear Aromatic Hydrocarbons (PAH, µg/L)

1177 Wisconsin Public Service Corp., Stevens Point MGP Site Remediation Activities
1111 Crosby Avenue, Steven's Point, Wisconsin
USEPA# : WIN000509983 **BRRTS# : 0250000079**

Sample ID	Collection Date	1-Methyl naphthalene	2-Methyl naphthalene	Acenaphthene	Acenaph-thylene	Anthracene	Benzo (a) anthracene	Benzo (a) pyrene	Benzo (b) fluoranthene	Benzo (ghi) perylene	Benzo (k) fluoranthene	Chrysene	Dibenz (a,h) anthracene	Fluoranthene	Fluorene	Indeno (1,2,3-cd) pyrene	Naphthalene	Phenanthrene	Pyrene
Wisconsin Groundwater Quality Standards (NR 140, January 2007)																			
Enforcement Standard		NS	NS	NS	NS	3000	NS	0.2	0.2	NS	NS	0.2	NS	400	400	NS	100	NS	250
EPA Groundwater Quality Standards																			
Maximum Contaminant Levels (MCLs)		NS	NS	NS	NS	NS	NS	0.2	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MH01																			
	7/24/2007	0.019 Q	< 0.011	0.04	< 0.0081	< 0.012	< 0.016	< 0.018	0.016 Q U	< 0.019	0.019 Q U	< 0.019	< 0.019	< 0.015	0.012 Q	< 0.019	< 0.012	0.013 Q	< 0.015
	10/23/2007	0.026 Q	0.022 Q	0.037	< 0.0081	< 0.012	< 0.016	< 0.018	< 0.016 Q	< 0.019	< 0.019 Q	< 0.019	< 0.019	< 0.015	0.0099 Q	< 0.019	0.066	0.013 Q	< 0.015
	1/15/2008	0.018 Q	0.018 Q	0.029	< 0.0081	< 0.012	< 0.016	< 0.018	< 0.016 Q	< 0.019	< 0.019 Q	< 0.019	< 0.019	< 0.015	< 0.0091	< 0.019	0.094	0.012 Q	< 0.015
MH03																			
	7/24/2007	4 Q	0.019 Q	17 Q	0.27	1.7 Q	0.057	0.021 Q	0.038 Q J	0.02 Q	0.021 Q J	0.063	< 0.019	0.86 Q	8.7 Q	< 0.019	0.031 Q	7.9 Q	0.62 Q
	10/23/2007	12	7.9	22	< 1.6	4 Q	< 3.1	< 3.7	< 3.1 Q	< 3.9	< 3.9 Q	< 3.8	< 3.8	< 3.1	9.7	< 3.8	56	14	< 2.9
MH04																			
	7/24/2007	0.33	< 0.011	7.6 Q	0.35	1.7 Q	0.13	0.045 Q	0.058 Q J	0.031 Q	0.043 Q J	0.11	< 0.019	2.3 Q	6.1 Q	0.024 Q	0.022 Q	0.44	1.4 Q
	10/23/2007	16	13	23	< 0.81	5.4	< 1.6	< 1.8	< 1.6 Q	< 1.9	< 1.9 Q	< 1.9	< 1.9	3.1 Q	11	< 1.9	39	18	1.6 Q
	1/15/2008	17	18	26	< 1.6	4.9 Q	< 3.1	< 3.7	< 3.2 Q	< 3.9	< 3.9 Q	< 3.8	< 3.8	< 3.1	14	< 3.8	78	18	< 2.9
MH05																			
	7/24/2007	0.17	< 0.011	0.65 Q	0.034	0.03 Q	< 0.016	< 0.018	0.016 Q U	< 0.019	0.019 Q U	< 0.019	< 0.019	0.08	0.22	< 0.019	< 0.012	0.063	0.046 Q
	10/23/2007	0.7 Q	0.02 Q	1.5 Q	0.1	0.086	< 0.016	< 0.018	< 0.016 Q	< 0.019	< 0.019 Q	< 0.019	< 0.019	0.12	0.46 Q	< 0.019	0.09	0.28	0.07
	1/15/2008	0.96	0.21	1.5	0.076 Q	0.11 Q	< 0.078	< 0.092	< 0.078 Q	< 0.096	< 0.097 Q	< 0.095	< 0.094	0.11 Q	0.59	< 0.094	2	0.79	< 0.073
QC01																			
(MH04)	7/24/2007	0.33	< 0.011	9.1 Q	0.36	1.6 Q	0.12	0.022 Q	0.022 Q J	< 0.019	0.02 Q J	0.081	< 0.019	1.8 Q	8 Q	< 0.019	0.023 Q	1.5 Q	1.4 Q
(MH05)	10/23/2007	1.3	0.28 Q	2.5	0.22 Q	0.38 Q	0.35 Q	**0.48 Q**	**0.51 Q**	0.47 Q	0.7 Q	**0.74 Q**	< 0.38	1.4	0.99	< 0.38	5.5	1.8	0.88 Q
(MH04)	1/15/2008	15	7.1	25	0.88 Q	4.2	< 1.6	< 1.9	< 1.6 Q	< 1.9	< 2 Q	< 1.9	< 1.9	3.8 Q	13	< 1.9	3.5 Q	16	2.8 Q

Notes

1) Parameters that attain or exceed the EPA Groundwater Quality Standards (MCL) are shown in bold and underlined.
2) If no MCL standard has been established, then parameters that attain or exceed the NR 140 Wisconsin Groundwater Quality Enforcement Standard (ES) are identified in bold and underlined.
3) Reference the laboratory analytical report for full list of compounds analyzed.

<2.0 : Parameter not detected above the Limit of Detection indicated.
NS : NR 140 Wisconsin Groundwater Quality Standard has not been established for this parameter.
QC: Quality Control duplicate sample.
Q: Analyte result has been qualified, see laboratory analytical report for additional information.
Other Qualifiers (J, N, R, etc.): Analyte result has been qualified by data validator, see validation report for additional information.
--: Analysis not performed.

Table 13. Storm Water Analytical Results - Petroleum Volatile Organic Compounds (PVOCs, µg/L)

1177 Wisconsin Public Service Corp., Stevens Point MGP Site Remediation Activities
1111 Crosby Avenue, Steven's Point, Wisconsin
USEPA# : WIN000509983 BRRTS# : 0250000079

Sample ID	*Collection Date*	*Benzene*	*Ethyl-benzene*	*Toluene*	*Xylene, O*	*Xylenes, m+p*	*1,2,4 - Trimethyl-benzene*	*1,,3,5 - Trimethyl - benzene*	*MTBE*
Wisconsin Groundwater Quality Standards (NR 140, February 2004)									
Enforcement Standard (ES)		5	700	1000	10000	10000	480	480	60
EPA Groundwater Quality Standards									
Maximum Contaminant Level (MCLs)		5	700	1000	10000	10000	NS	NS	NS
MH01									
	7/24/2007	< 0.21	< 0.4	< 0.36	< 0.36	< 0.74	< 0.39	< 0.4	< 0.36
	10/23/2007	< 0.14	< 0.4	< 0.36	< 0.36	< 0.74	< 0.39	< 0.4	< 0.36
	1/15/2008	< 0.14	< 0.4	< 0.36	< 0.36	< 0.74	< 0.39	< 0.4	< 0.36
MH03									
	7/24/2007	**6.9**	5	0.69 Q	3.7	4.8	2.6	0.73 Q	< 0.36
	10/23/2007	**7.5**	7.2	0.91 Q	5.3	8	5	1.7	< 0.36
MH04									
	7/24/2007	4.8	9.3	1.4	5.2	9.5	5.5	1.6	< 0.36
	10/23/2007	**5.7**	12	1.7	6.8	13	7.4	2.6	< 0.36
	1/15/2008	4.9	14	2.2	7.8	15	9.2	3.4	< 0.36
MH05									
	7/24/2007	0.6 Q	< 0.4	< 0.36	< 0.36	< 0.74	< 0.39	< 0.4	< 0.36
	10/23/2007	0.67	0.49 Q	< 0.36	0.39 Q	< 0.74	0.47 Q	< 0.4	< 0.36
	1/15/2008	0.7	0.4 Q	< 0.36	0.36 Q	< 0.74	< 0.39	< 0.4	< 0.36
QC01									
(MH04)	7/24/2007	4.9	9.9	1.3	5.1	9.2	4.4	1.2 Q	< 0.36
(MH05)	10/23/2007	0.67	0.53 Q	< 0.36	0.4 Q	< 0.74	0.49 Q	< 0.4	< 0.36
(MH04)	1/15/2008	4.7	13	2.1	7.7	15	9	3.4	< 0.36

Notes

1) Parameters that attain or exceed the EPA Groundwater Quality Standards (MCL) are shown in bold and underlined.

2) If no MCL standard has been established, then parameters that attain or exceed the NR 140 Wisconsin Groundwater Quality Enforcement Standard (ES) are identified in bold and underlined.

3) Reference the laboratory analytical report for full list of compounds analyzed.

4) 1,2,4 and 1,3,5- Trimethylbenzene analytical results combined for comparison against the NR 140 PAL and ES standards.

<2.0 : Parameter not detected above the Limit of Detection indicated.

Q : Analyte result has been qualified, see laboratory analytical report for additional information.

NS : Groundwater Quality Standard not established for this parameter.

--: Analysis not performed.

QC: Quality Control duplicate sample.

APPENDIX B-4

SOIL VAPOR SAMPLING RESULTS AND LOCATIONS

Table 20. Soil Vapor Analytical Results
Remedial Investigation (Revision 1)
Stevens Point Former Manufactured Gas Plant Site
Stevens Point, Wisconsin, USEPA ID #WIN000509983

Vapor Intrusion Point	Sample Date	Benzene ppbv	Benzene ug/m^3	Naphthalene ppbv	Naphthalene ug/m^3	Carbon Dioxide mol %	Oxygen mol %	Methane mol %
Screening Levels/Pathways (ug/m3)								
Shallow Soil Gas, Residential		---	3.1	---	31	**No Screening Levels**		
Deep Soil Gas, Residential		---	31	---	310			
Shallow Soil Gas, Industrial		---	16	---	130			
Deep Soil Gas, Industrial		---	160	---	1,300			
SV1S	01/25/11	1.0	3.2	<0.44	<2.3	8.42	8.50	<0.110
	03/18/11	0.57	1.8	<0.41	<2.1	4.39	8.57	<0.102
SV1D	01/25/11	0.89	2.9	<0.43	<2.2	9.87	5.18	<0.106
	03/18/11	1.1	3.4	<0.42	<2.2	6.15	5.02	<0.105
SV2S	01/20/11	<0.43	<1.3	<0.43	<2.3	7.42	7.61	<0.107
	03/18/11	0.47	1.5	<0.41	<2.1	7.74	5.37	<0.102
SV2D	01/20/11	<0.42	<1.3	<0.42	<2.2	10.3	4.42	<0.106
	03/18/11	0.53	1.7	<0.39	<2.0	10.7	2.58	<0.0977
SV3S	01/20/11	0.53	1.7	<0.39	<2.0	11.6	4.61	<0.0974
	03/18/11	0.62	2.0	<0.43	<2.2	9.09	5.16	<0.107
SV3D	01/20/11	<0.36	<1.1	<0.36	<1.9	13	2.40	<0.0911
	03/18/11	<0.43	<1.3	<0.43	<2.2	12.9	1.99	<0.107
SV4S	01/20/11	0.40	1.3	<0.38	<2.0	6.68	10.9	<0.0952
	03/18/11	<0.43	<1.3	<0.43	<2.3	8.9	7.58	<0.107
SV4D	01/20/11	0.62	2.0	<0.4	<2.1	9.59	8.37	<0.100
	03/18/11	<0.41	<1.2	<0.41	<2.1	10.4	6.34	<0.102
SV5S	01/19/11	10	***33***	<0.37	<1.9	0.166	15.7	<0.0924
	03/15/11	No Sample Due to Blocked Air Line						
SV5D	01/19/11	1.1	3.4	<0.43	<2.3	0.812	15.5	<0.107
	03/15/11	1.5	4.9	<0.4	<2.1	0.796	15.2	<0.099
SV6S	01/19/11	0.87	2.8	<0.4	<2.1	0.316	16.7	<0.0989
	03/15/11	1.0	**3.3**	<0.39	<2.0	0.271	15.8	<0.0963
SV6D	01/19/11	0.92	2.9	<0.4	<2.1	0.496	16.2	<0.0997
	03/15/11	0.60	1.9	<0.4	<2.1	0.416	15.9	<0.0999
SV7S	01/20/11	2.9	**9.3**	<0.38	<2.0	0.378	16.6	<0.0949
	03/15/11	0.72	2.3	<0.4	<2.1	0.257	15.4	<0.101
SV7D	01/20/11	<0.38	<1.1	<0.38	<2.0	0.668	16.4	<0.0946
	03/15/11	<0.41	<1.3	<0.41	<2.1	0.538	15.6	<0.101
SV8S	01/17/11	1.5	**4.7**	<0.37	<2.0	1.27	15.4	<0.0934
	03/16/11	0.58	1.8	<0.38	<2.0	1.05	14.6	<0.0961
SV8D	01/17/11	0.98	3.1	<0.36	<1.9	1.51	14.3	<0.0906
	03/16/11	0.39	1.2	<0.39	<2.0	1.46	14.3	<0.0977
SV9S	01/18/11	12	***38***	<0.41	<2.1	0.376	13.1	<0.102
	03/16/11	4.1	**13**	<0.41	<2.2	2.06	13.0	<0.103
SV9D	01/18/11	2.8	9.0	<0.36	<1.9	2.54	12.4	<0.0896
	03/16/11	1.2	3.7	<0.39	<2.0	2.47	12.3	<0.0975
SV10S	01/18/11	2.8	**9.0**	<0.42	<2.2	1.15	15.3	<0.104
	03/16/11	1.1	**3.4**	<0.42	<2.2	1.22	14.8	<0.104
SV10D	01/18/11	0.56	1.8	<0.39	<2.0	1.25	15.5	<0.0968
	03/16/11	0.95	3.0	<0.41	<2.2	1.41	14.6	<0.103
SV11S	01/19/11	0.40	1.3	<0.38	<2.0	2.58	14.2	<0.0942
	03/16/11	0.82	2.6	<0.42	<2.2	2.16	13.9	<0.105
SV11D	01/19/11	<0.39	<1.2	<0.39	<2.1	2.58	14.3	<0.0979
	03/16/11	0.63	2.0	<0.45	<2.4	2.38	14.0	<0.113
SV12S	01/25/11	2.1	**6.8**	<0.4	<2.1	4.84	12.3	<0.0999
	03/16/11	2.9	**9.3**	<0.43	<2.3	4.34	11.9	<0.109
SV12D	01/25/11	3.1	9.7	<0.41	<2.2	5.36	11.8	<0.103
	03/16/11	2.9	9.1	<0.43	<2.2	4.89	11.4	<0.106
SV13S	01/25/11	0.66	2.1	<0.44	<2.3	2.25	14.2	<0.110
	03/18/11	<0.43	<1.3	<0.43	<2.3	2.14	13.7	<0.108
SV13D	01/25/11	<0.41	<1.2	<0.41	<2.2	2.87	13.4	<0.103
	03/18/11	<0.41	<1.2	<0.41	<2.2	2.76	13.1	<0.103
Quality Control/Quality Assurance Duplicate Samples								
SV1S - Dup	03/18/11	0.55	1.8	<0.41	<2.1	4.25	9.08	<0.102
SV2S-Dup	01/20/11	<0.41	<1.2	<0.41	<2.2	6.86	8.37	<0.103
SV3D-Dup	03/18/11	<0.42	<1.3	<0.42	<2.2	12.2	2.81	<0.105
SV10S-Dup	01/18/11	2.8	**8.9**	<0.43	<2.2	1.07	14.9	<0.107
SV10S-Dup	03/16/11	1.1	**3.5**	<0.42	<2.2	1.29	14.5	<0.104
SV13D-Dup	01/25/11	<0.42	<1.3	<0.42	<2.2	3.19	13.3	<0.106

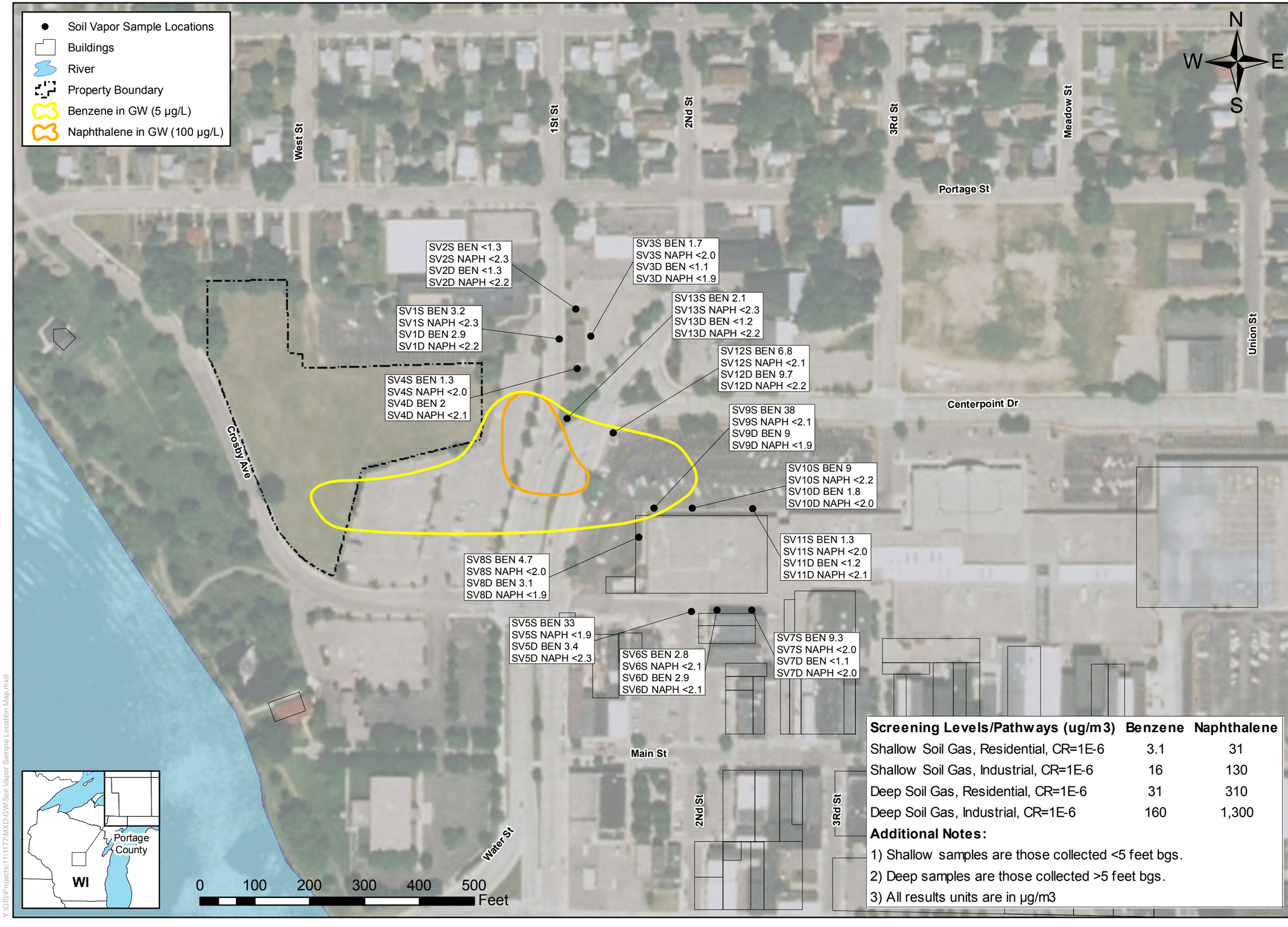
[EPK/BGH 4/22/11]

Notes:

1) Residential vapor intrusion screening values based on a target cancer risk of 1 x10^{-6} (benzene) or hazard quotient of one (naphthalene). Results exceeding the residential vapor intrusion screening values are bold.
2) Industrial/commercial worker vapor intrusion screening values based on a target cancer risk of 1 x10^{-6} (benzene) or hazard quotient of one (naphthalene). Results exceeding the industrial/commercial worker vapor intrusion screening values are italicized/underlined.
3) Shallow samples are those collected <5 feet bgs.
4) Deep samples are those collected >5 feet bgs.

NRT

Benzene and Naphthalene Concentrations in Soil Vapor
January 2011
Wisconsin Public Service Corporation
Former Manufactured Gas Plant, Stevens Point, Wisconsin



Screening Levels/Pathways (ug/m3)	Benzene	Naphthalene
Shallow Soil Gas, Residential, CR=1E-6	3.1	31
Shallow Soil Gas, Industrial, CR=1E-6	16	130
Deep Soil Gas, Residential, CR=1E-6	31	310
Deep Soil Gas, Industrial, CR=1E-6	160	1,300

Additional Notes:

1) Shallow samples are those collected <5 feet bgs.
2) Deep samples are those collected >5 feet bgs.
3) All results units are in µg/m3

NATURAL RESOURCE TECHNOLOGY

Project No. 1177
Figure No. 37

5/26/2011

Y:\GIS\Projects\111\177\MXD\GW\Soil Vapor Sample Location Map.mxd

Benzene and Naphthalene Concentrations in Soil Vapor
March 2011

Wisconsin Public Service Corporation
Former Manufactured Gas Plant, Stevens Point, Wisconsin

Soil Vapor Sample Locations
Buildings
River
Property Boundary
Benzene in GW (5 µg/L)
Naphthalene in GW (100 µg/L)

N
W
E
S

West St
1St St
2Nd St
3Rd St
Meadow St
Union St
Portage St
Centerpoint Dr
Crosby Ave
Main St
Water St

SV2S BEN 1.5
SV2S NAPH <2.1
SV2D BEN 1.7
SV2D NAPH <2.0

SV3S BEN 2.0
SV3S NAPH <2.2
SV3D BEN <1.3
SV3D NAPH <2.2

SV1S BEN 1.8
SV1S NAPH <2.1
SV1D BEN 3.4
SV1D NAPH <2.2

SV13S BEN <1.3
SV13S NAPH <2.3
SV13D BEN <1.2
SV13D NAPH <2.2

SV4S BEN <1.3
SV4S NAPH <2.3
SV4D BEN <1.2
SV4D NAPH <2.1

SV12S BEN 9.3
SV12S NAPH <2.3
SV12D BEN 9.1
SV12D NAPH <2.2

SV9S BEN 13
SV9S NAPH <2.2
SV9D BEN 3.7
SV9D NAPH <2.0

SV10S BEN 3.4
SV10S NAPH <2.2
SV10D BEN 3.0
SV10D NAPH <2.2

SV11S BEN 2.6
SV11S NAPH <2.2
SV11D BEN 2.0
SV11D NAPH <2.4

SV8S BEN 1.8
SV8S NAPH <2.0
SV8D BEN 1.2
SV8D NAPH <2.0

SV5S BEN NS
SV5S NAPH NS
SV5D BEN 4.9
SV5D NAPH <2.1

SV6S BEN 3.3
SV6S NAPH <2.0
SV6D BEN 1.9
SV6D NAPH <2.1

SV7S BEN 2.3
SV7S NAPH <2.1
SV7D BEN <1.3
SV7D NAPH <2.1

Screening Levels/Pathways (ug/m3)	Benzene	Naphthalene
Shallow Soil Gas, Residential, CR=1E-6	3.1	31
Shallow Soil Gas, Industrial, CR=1E-6	16	130
Deep Soil Gas, Residential, CR=1E-6	31	310
Deep Soil Gas, Industrial, CR=1E-6	160	1,300

Additional Notes:

1) Shallow samples are those collected <5 feet bgs.
2) Deep samples are those collected >5 feet bgs.
3) All results units are in µg/m3

WI
Portage County

0 100 200 300 400 500 Feet

NATURAL RESOURCE TECHNOLOGY

Project No. 1177
Figure No. 38

5/26/2011

Y:\GIS\Projects\1111177MXD\GW\Soil Vapor Sample Location Map.mxd