S&W
REDEVELOPMENT

430 East Genesee Street
Suite 401
Syracuse NY 13202

tel. (315) 422-4949
fax.(315) 422-2124
web. www.swredev.com

October 6, 2008

Ms. Tara Blum, P.E.
Project Manager
NYSDEC Region 7
615 Erie Boulevard West
Syracuse, New York 13204-2400

Re: Offsite Bedrock Well Installation and Groundwater Analytical Results, July 2008
P&S Boyd Ave Site
BCP Site No. C734102

Dear Ms. Blum:

This letter report describes activities completed at the Pass and Seymour site (Figure 1) in June and July 2008, including the installation of three (3) off-site bedrock monitoring wells, and groundwater sample collection from the newly installed wells and four (4) existing on-site bedrock monitoring wells. These NYSDEC-approved activities were conducted to supplement previous Remedial Investigation (RI) analytical data for bedrock groundwater at the site.

Four (4) bedrock groundwater monitoring wells (BR07-29, -30, -31, and -32) were installed as part of the RI in October 2007, and bedrock groundwater samples were collected in November 2007 pursuant to the RI. Analytical data from these bedrock wells indicated the presence of chlorinated volatile organic compounds (Cl-VOCs) in bedrock groundwater near the downgradient (north) BCP site boundary. Consequently, at the request of the New York State Department of Environmental Conservation (NYSDEC), Pass & Seymour agreed to install three (3) bedrock monitoring wells downgradient (north) of the site to characterize the nature and extent of contamination off-site (Figure 2).

The three off-site bedrock monitoring well locations were approved by NYSDEC on May 2, 2008. An access agreement with National Grid, the owner of the property on which the wells were installed, was obtained by Pass & Seymour prior to installing the wells. The off-site monitoring well locations are shown on the attached Figure 1, along with bedrock monitoring wells previously installed in 2007, as part of the BCP RI.

Drilling/Monitoring Well Installation Methods.

The three bedrock wells were installed between June 19 and 25, 2008 by drilling through the overburden with hollow stem augers. An NYSDEC field representative was present to observe drilling and well installation activities. When auger refusal was reached, a 4

inch inside diameter steel casing was grouted in place within each borehole to create a water tight seal at the overburden/bedrock interface. After the grout had cured (minimum 24 hours), drilling resumed by coring approximately 15-feet into bedrock, which is comparable to the depth of previous on-site bedrock wells. Three (3) five-foot core sections were retrieved from each of the boreholes.

Two inch diameter PVC monitoring wells were installed in the completed borings. Each bedrock well received five (5) feet of 0.01 inch slot screen set at the bottom of the borehole. The well construction included a sand filter pack extending from the bottom of the boring to two feet above the well screen. A bentonite seal was placed on the top of the sand pack and extended to the top of the bedrock. The remaining space was backfilled with a Portland cement grout. Bedrock boring logs are provided in Attachment A.

Groundwater Monitoring Results

Table 1 presents the depths of the new off-site bedrock wells, their top-of-PVC elevations, the depth to groundwater, and the depth to bedrock encountered at each of the well locations is also included. Figure 3 is a bedrock groundwater contour map based on July 2008 depth to water measurements. The contour pattern indicates bedrock groundwater flows in the same prevailing direction as overburden, towards the north as expected, and consistent with the topographic slope of the area. Bedrock well BR07-32, near the southern site boundary, is upgradient, and off-site bedrock wells BR08-33, 0-34, and -35, north of the site, are downgradient.

Groundwater samples were collected on July 29, 2008 from the three new off-site bedrock wells (BR08-33, -34, and -35) and previously installed on-site bedrock monitoring wells (BR07-29, -30, -31, and -32). Laboratory analytical results are included as Attachment 2 to this letter. Table 2 summarizes the analytical results for the July 2008 sampling event, along with previous analytical data for groundwater samples collected in November 2007 from on-site bedrock wells BR07-29 through -32.

The July 2008 groundwater samples from on-site wells BR07-29, BR07-30, BR07-231, and BR07-32 generally confirm analytical results from November 2007, as shown in Figure 4. Bedrock analytical data are presented on Figure 3 in text boxes adjacent to the respective monitoring wells. Bedrock well BR07-30 is located downgradient (north) of the former manufacturing facility, which corresponds to the area where historical overburden groundwater contamination was detected at the highest levels. West of this area, the bedrock groundwater sample from BR07-31 contained 6.5 μg/L of TCE in July 2008, compared to 7.1μg/L of TCE in November 2007. North of the eastern parking lot bedrock well BR07-29 contained 250 μg/L of TCE in November 2007, compared to 120 μg/L of TCE in July 2008. The upgradient bedrock monitoring well, BR07-32, did not contain any TCE above laboratory detection limits in July 2008, compared to 7.6 μg/L of TCE in November 2007.

Downgradient (north) of the site, one of the newly installed off-site bedrock wells, BR08-33, contained TCE at a concentration of 3.3 µg/L, which is below New York State groundwater quality standards. The other off-site downgradient wells, BR08-34 and BR08-35, did not contain any TCE above laboratory detection limits.

Conclusions

Analytical results from the 2007 monitoring event are similar to the results in the 2008 event. The 2008 analytical data for downgradient off-site wells BR08-33, BR08-34, and BR08-35, indicate the downgradient extent of contamination found in on-site well BR07-30 is limited, barely extending off-site. Monitoring well BR08-33 is approximately 290-feet downgradient of BR07-30, and did not contain any VOCs above standards.

Based on the 2008 and 2007 groundwater analytical results, no further off-site investigation is proposed. It is recommended that the NYSDEC accept this letter as an addendum to the previously submitted Remedial Investigation Report, and that the Remedial Investigation be considered complete.

If you have any questions please feel free to call me at (315) 422-4949.

Very truly yours,
S&W REDEVELOPMENT OF NORTH AMERICA, LLC

David W. Stoner, CPG
President

Daniel P. Ours, CPG
Senior Project Manager

pc: Mr. Phil DeCicca, Pass & Seymour
Ms. Doreen Simmons, Hancock & Estabrook, LLP
Ms. Melissa Menetti, NYSDOH

Figures

QUADRANGLE LOCATION

SCALE in FEET

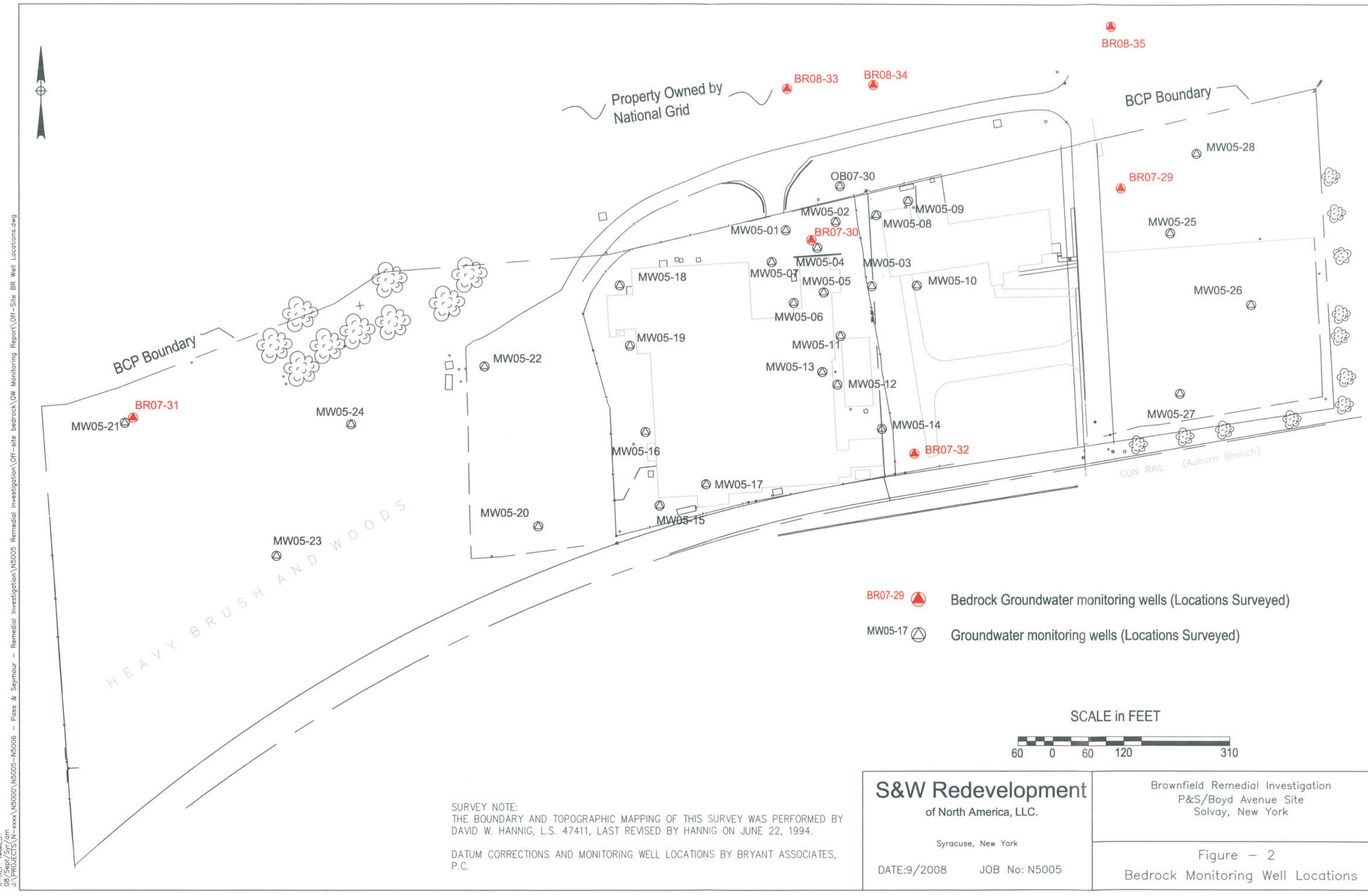
1,000 0 1,000 3,000 5,000

Contour Interval: 10 Feet

Map Taken From: USGS 7.5 Minute Series
Topographic Quadrangle: Syracuse West
(1973, Photorevised 1978)
(www.nysgis.state.ny.us/quads/usgsdrg.htm)

S&W Redevelopment of North America, LLC. Syracuse, New York DATE:9/2008 Project No.: N5005	Pass & Seymour, Inc/Boyd Avenue 50 Boyd Avenue, Solvay, New York Off-Site Bedrock Groundwater Monitoring Report
	Figure 1 Site Location Map

X-REF: NAMES?
08/Sept/5yr/am
J:\PROJECTS\N-xxxx\N5000\N5005-N5006 - Pass & Seymour - Remedial Investigation\N5005 Remedial Investigation\Off-site bedrock\GW Monitoring Report\Off-Site BR Figure 1.dwg

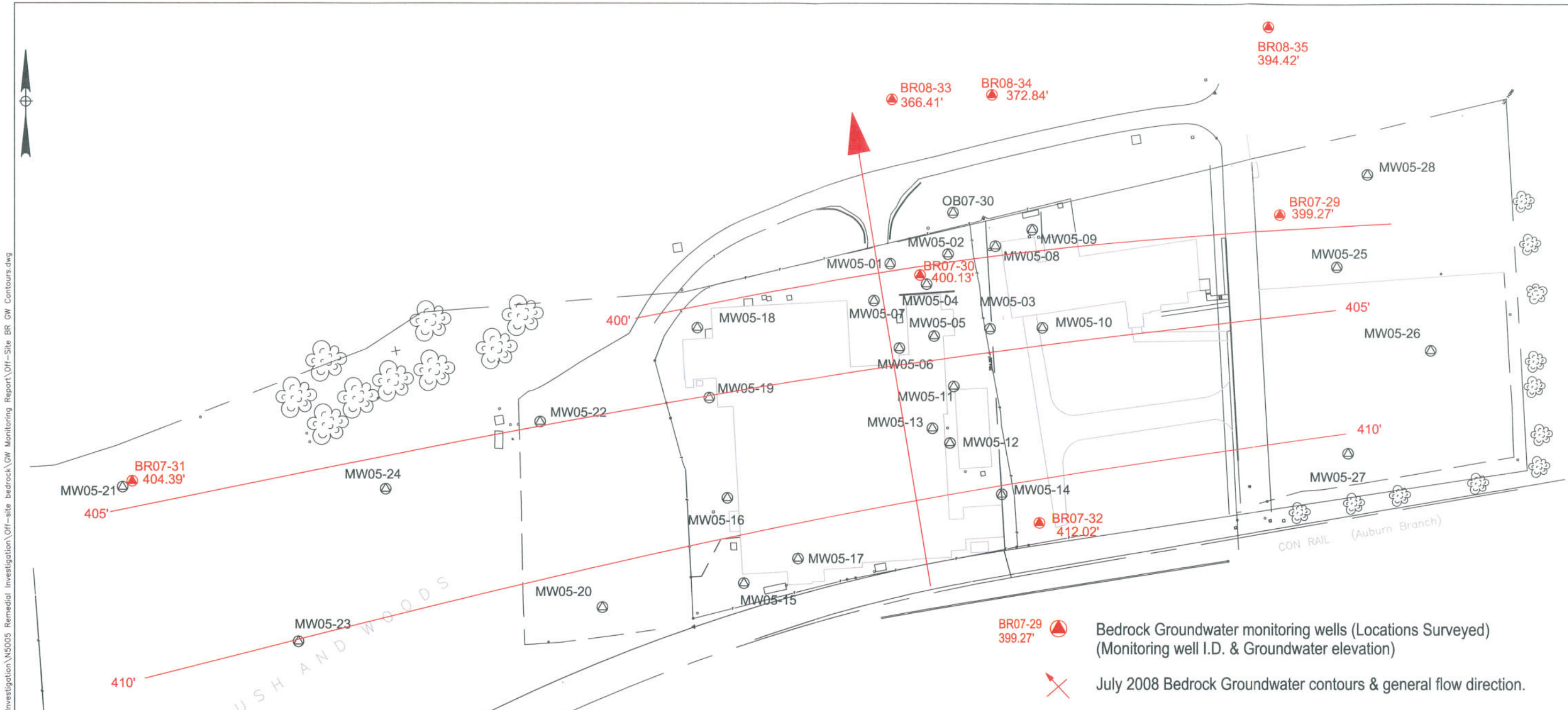


SURVEY NOTE:
THE BOUNDARY AND TOPOGRAPHIC MAPPING OF THIS SURVEY WAS PERFORMED BY DAVID W. HANNIG, L.S. 47411, LAST REVISED BY HANNIG ON JUNE 22, 1994.

DATUM CORRECTIONS AND MONITORING WELL LOCATIONS BY BRYANT ASSOCIATES, P.C.

S&W Redevelopment of North America, LLC. Syracuse, New York DATE:9/2008 JOB No: N5005	Brownfield Remedial Investigation P&S/Boyd Avenue Site Solvay, New York
	Figure – 2 Bedrock Monitoring Well Locations

X-REF: NAMES?
08/Sept/Syr/am
J:\PROJECTS\N-xxxx\N5000\N5005-N5006 - Pass & Seymour - Remedial Investigation\N5005 Remedial Investigation\Off-site bedrock\GW Monitoring Report\Off-Site BR Well Locations.dwg



BR07-29 399.27' — Bedrock Groundwater monitoring wells (Locations Surveyed) (Monitoring well I.D. & Groundwater elevation)

July 2008 Bedrock Groundwater contours & general flow direction.

SCALE in FEET

60 0 60 120 310

SURVEY NOTE:
THE BOUNDARY AND TOPOGRAPHIC MAPPING OF THIS SURVEY WAS PERFORMED BY DAVID W. HANNIG, L.S. 47411, LAST REVISED BY HANNIG ON JUNE 22, 1994.

DATUM CORRECTIONS AND MONITORING WELL LOCATIONS BY BRYANT ASSOCIATES, P.C.

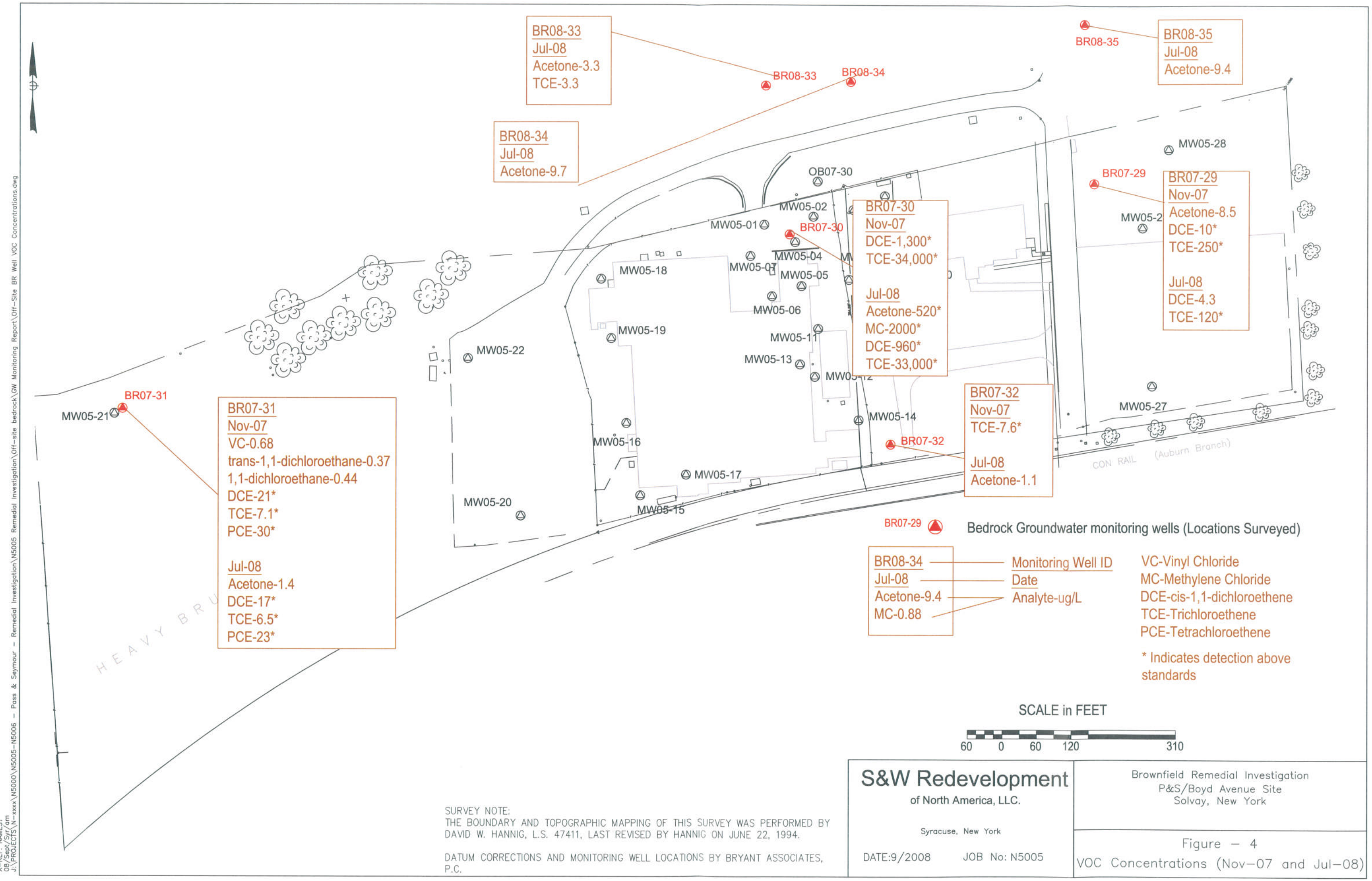
S&W Redevelopment
of North America, LLC.
Syracuse, New York

DATE:9/2008 JOB No: N5005

Brownfield Remedial Investigation
P&S/Boyd Avenue Site
Solvay, New York

Figure – 3 July 2008
Groundwater Elevations & Flow Map

X-REF: NAMES?
08/Sept/Syr/am
J:\PROJECTS\N-xxxx\N5000\N5005-N5006 - Pass & Seymour - Remedial Investigation\N5005 Remedial Investigation\Off-site bedrock\GW Monitoring Report\Off-Site BR GW Contours.dwg



SURVEY NOTE:
THE BOUNDARY AND TOPOGRAPHIC MAPPING OF THIS SURVEY WAS PERFORMED BY DAVID W. HANNIG, L.S. 47411, LAST REVISED BY HANNIG ON JUNE 22, 1994.

DATUM CORRECTIONS AND MONITORING WELL LOCATIONS BY BRYANT ASSOCIATES, P.C.

S&W Redevelopment
of North America, LLC.
Syracuse, New York

DATE:9/2008 JOB No: N5005

Brownfield Remedial Investigation
P&S/Boyd Avenue Site
Solvay, New York

Figure – 4
VOC Concentrations (Nov–07 and Jul–08)

X-REF: NAMES?
08/Sept/Syr/am
J:\PROJECTS\N-xxxx\N5000\N5005-N5006 - Pass & Seymour - Remedial Investigation\N5005 Remedial Investigation\Off-site bedrock\GW Monitoring Report\Off-Site BR Well VOC Concentrations.dwg

Tables

Table 1. Groundwater Elevation Data. Bedrock Wells. Pass & Seymour, July 2008

Monitoring Well ID	Date	Reference Point	Top of PVC Elev (ft amsl)	DTW (ft)	TDW (ft)	Groundwater Elevation (ft)	DTB (ft)	Location
BR07-29	Nov-07	Top of PVC	416.56	16.75	29.18	399.81	18.0	On-site, downgradient
	Jul-08	Top of PVC	416.56	17.29	28.18	399.27		
BR07-30	Nov-07	Top of PVC	419.63	15.84	21.8	403.79	9.0	On-site, downgradient
	Jul-08	Top of PVC	419.63	19.5	21.8	400.13		
BR07-31	Nov-07	Top of PVC	408.77	3.47	19.91	405.3	7.0	On-site, downgradient
	Jul-08	Top of PVC	408.77	4.28	19.91	404.49		
BR07-32	Nov-07	Top of PVC	427.42	15.18	18.65	412.24	9.0	On-site, upgradient
	Jul-08	Top of PVC	427.42	15.4	18.65	412.02		
BR08-33	Nov-07	Top of PVC	408.11	-	-	-	26.0	Off-site, downgradient
	Jul-08	Top of PVC	408.11	41.7	42.5	366.41		
BR08-34	Nov-07	Top of PVC	407.7	-	-	-	26.0	Off-site, downgradient
	Jul-08	Top of PVC	407.7	34.86	42.5	372.84		
BR08-35	Nov-07	Top of PVC	408.57	-	-	-	18.5	Off-site, downgradient
	Jul-08	Top of PVC	408.57	14.15	31.15	394.42		

Reference elevations were surveyd by Bryant Associates, P.C.

DTW-Depth to Water

TDW-Total Depth of Well

DTB-Depth to Bedrock

Table 2. Groundwater Sample Analysis Results, VOCs. Pass & Seymour. July 2008

Sample Number / Collection Date / Analyte	TOGS [2] GW	BR07-29 11/26/07	BR07-29 7/29/08	BR07-30 11/26/07	BR07-30 7/29/08	BR07-31 11/26/07	BR07-31 7/29/08	BR07-32 11/26/07	BR07-32 7/29/08	BR08-33 7/29/08	BR08-34 7/29/08	BR08-35 7/29/08
VOCs (8260)		U	U	U		U	U	U	U	U	U	U
Chloromethane		U	U	U		U	U	U	U	U	U	U
Vinyl chloride	2	U	U	U		0.68 JM	1 J	U	U	U	U	U
Bromomethane	5	U	U	U		U	U	U	U	U	U	U
Chloroethane	5	U	U	U		U	U	U	U	U	U	U
1 1-Dichloroethene	5	U	U	U		U	U	U	U	U	U	U
Carbon disulfide	60 G	U	U	U		U	U	U	U	U	U	U
Acetone	50 G	8.6 JMB	U	UM	520 J #	UM	1.4 J	U	1.1 J	1 J	9.7 J	9.4 J
Methylene chloride	5	UM	U	U	2000 J #	U	U	U	U	U	U	U
trans-1 2-Dichloroethene	5	U	U	U		0.37 JM	U	U	U	U	U	U
1 1-Dichloroethane	5	U	U	U		0.44 JM	U	U	U	U	U	U
cis-1 2-Dichloroethene	5	10 J #	4.3 J	1,300 J #	960 J #	21 #	17 #	U	U	U	U	U
2-Butanone (MEK)	50 G	U	U	U		U	U	U	U	U	U	U
Chloroform	7	U	U	U		U	U	U	U	U	U	U
1 1 1-Trichloroethane	5	U	U	U		U	U	U	U	U	U	U
Carbon tetrachloride	5	U	U	U		U	U	U	U	U	U	U
Benzene	1	U	U	U		U	U	U	U	U	U	U
1 2-Dichloroethane	0.6	U	U	U		U	U	U	U	U	U	U
Trichloroethene	5	250 #	120 #	34,000 #	33,000 #	7.1 #	6.5 #	7.6 #	U	3.3 J	U	U
1 2-Dichloropropane	1	U	U	U		U	U	U	U	U	U	U
Bromodichloromethane	50 G	U	U	U		U	U	U	U	U	U	U
cis-1 3-Dichloropropene	0.4 [3]	U	U	U		U	U	U	U	U	U	U
4-Methyl-2-pentanone (MIBK)		U	U	U		U	U	U	U	U	U	U
Toluene	5	U	U	U		U	U	U	U	U	U	U
trans-1 3-Dichloropropene	0.4 [3]	U	U	U		U	U	U	U	U	U	U
1 1 2-Trichloroethane	1	U	U	U		U	U	U	U	U	U	U
Tetrachloroethene	5	U	U	U		30 #	23 #	U	U	U	U	U
2-Hexanone	50 G	U	U	U		U	U	U	U	U	U	U
Dibromochloromethane	50 G	U	U	U		U	U	U	U	U	U	U
Chlorobenzene	5	U	U	U		U	U	U	U	U	U	U
Ethylbenzene	5	U	U	U		U	U	U	U	U	U	U
Styrene	5	U	U	U		U	U	U	U	U	U	U
Bromoform	50 G	U	U	U		U	U	U	U	U	U	U
1 1 2 2-Tetrachloroethane	5	U	U	U		U	U	U	U	U	U	U
Xylenes (total)	5	U	U	U		U	U	U	U	U	U	U
Total VOC's		268.6	124.3	35300	36480	59.59	48.9	7.6	1.1	4.3	9.7	9.4

[1] - Volatile Organic Compounds (VOCs), Semivolatile Organic Compounds (SVOCs), & Polychlorinated Biphenyls (PCBs).

[2] - NYSDEC Division of Water Technical & Operational Guidance Series (1.1.1) Ambient Water Quality Standards & Guidance Values & Groundwater Effluent Limitations (TOGS) Class GA Standards & Guidance Values

[3] - Standard applies to the sum of cis- & trans-1,3-dichloropropene.

[G] - Guidance Value

- Exceeds applicable NYSDEC TOGS Class GA Standard

U - Analyte was not detected at or above the reporting limit.

B - Compound was found in the blank.

J - Result (Organic) is an estimated value below the reporting limit or a tentatively identified compound (TIC).

M - Manually integrated compound. Analytical instrument misjudged the shape of the chromatogram peak, so the analyst manually determined its shape.

ND - Not Detected

APPENDICES

Appendix A
Bedrock Boring Logs

S&W Redevelopment of North America, LLC

Pass & Seymour
Off-site Groundwater Investigation
BCP Site No. C734102
Solvay, Onondaga County, New York

Project No. N5005

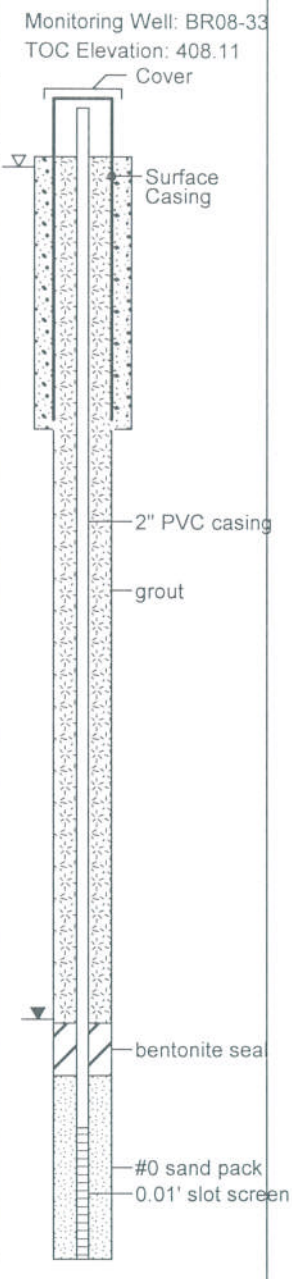
Depth of Boring	: 42-feet bgs
Drilling Contractor	: Parratt Wolff, Inc.
Drilling Rig Type	: IR-A300
Driller	: Doug Toma
Drilling Method	: Hollow Stem Augers/Core
Hydraulic Hammer	: N/A
Sampling Method	: N/A
Logged By	: AM
Surveyed By	: Bryant Assoc, P.C.

LOG OF BORING BR08-33

Date Started	: 6/19/08
Time	: 10:00am
Date Completed	: 6/20/08
Time	: 11:15am
Weather	: Partly Cloudy, 65F
Boring Location	: North of site

Water Level
▼ After Completion
▽ During Drilling

Depth in Feet (bgs)	Surf. Elev. 406.92	DESCRIPTION
0	406	No Samples taken from 0-28'
10	396	
20	386	
		Bedrock at 26'
30	376	Run#1 28-33' Rec-60" RQD-33.3% — mechanical breaks, vertical and horizontal gypsum veins
		Run#2 33-36' Rec-36" RQD-50% — mechanical breaks, vertical and horizontal gypsum veins
40		Run #3 36-40' Rec-48" RQD-83.3% — mechanical breaks, vertical and horizontal gypsum veins, reddish brown color
		End of Boring



NOTES:
bgs - below ground surface
NR - no recovery

LOG OF BORING BR08-33

(Page 1 of 1)

S&W Redevelopment of North America, LLC

Pass & Seymour
Off-site Groundwater Investigation
BCP Site No. C734102
Solvay, Onondaga County, New York

Project No. N5005

Depth of Boring	: 42-feet bgs
Drilling Contractor	: Parratt Wolff, Inc.
Drilling Rig Type	: IR-A300
Driller	: Doug Toma
Drilling Method	: Hollow Stem Augers/Core
Hydraulic Hammer	: 140-30
Sampling Method	: N/A
Logged By	: AM
Surveyed By	: Bryant Assoc, P.C.

LOG OF BORING BR08-34

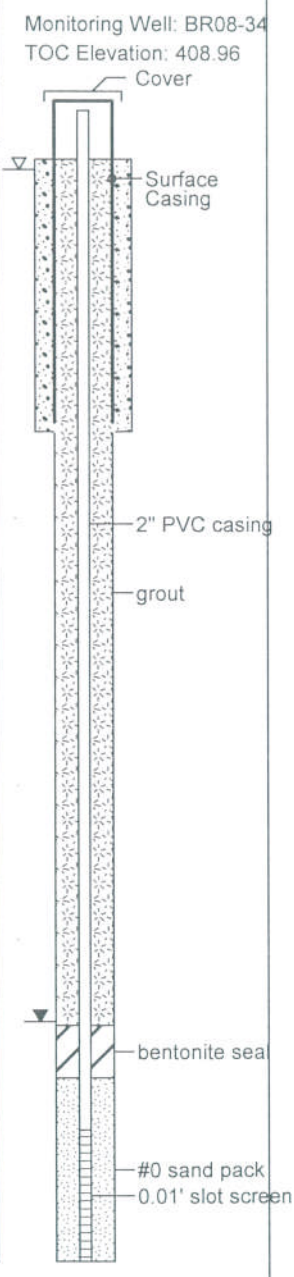
(Page 1 of 1)

Date Started	: 6/20/08
Time	: 12:45pm
Date Completed	: 6/23/08
Time	: 11:30am
Weather	: Partly Cloudy, 65F
Boring Location	: North of site

Water Level
▼ After Completion
▽ During Drilling

Depth in Feet (bgs) | Surf. Elev. 406.92

Depth	Elev.	DESCRIPTION
0	406	No Samples taken from 0-28'
10	396	
20	386	
		Bedrock at 26'
30	376	Run#1 28-33' Rec-60" RQD-53.3% — mechanical breaks, vertical and horizontal gypsum veins
		Run#2 33-36' Rec-36" RQD-27.7% — mechanical breaks, vertical and horizontal gypsum veins
40		Run #3 36-40' Rec-48" RQD-85.3% — mechanical breaks, vertical and horizontal gypsum veins, reddish brown color
		End of Boring



NOTES:
bgs - below ground surface
NR - no recovery

LOG OF BORING BR08-34

(Page 1 of 1)

S&W Redevelopment of North America, LLC

Pass & Seymour
Off-site Groundwater Investigation
BCP Site No. C734102
Solvay, Onondaga County, New York

Project No. N5005

Depth of Boring	: 31-feet bgs
Drilling Contractor	: Parratt Wolff, Inc.
Drilling Rig Type	: IR-A300
Driller	: Doug Toma
Drilling Method	: Hollow Stem Augers/Core
Hydraulic Hammer	: 140-30
Sampling Method	: N/A
Logged By	: AM
Surveyed By	: Bryant Assoc, P.C.

LOG OF BORING BR08-35

Date Started	: 6/24/08
Time	: 10:00am
Date Completed	: 6/25/08
Time	: 11:00am
Weather	: Sunny, 65F
Boring Location	: Northeast of site

Depth in Feet (bgs)

Surf. Elev. 406.12

Water Level
▼ After Completion
▽ During Drilling

DESCRIPTION

0 — 406

No Samples taken from 0-18.5'

10 — 396

Bedrock at 18.5'

20 — 386

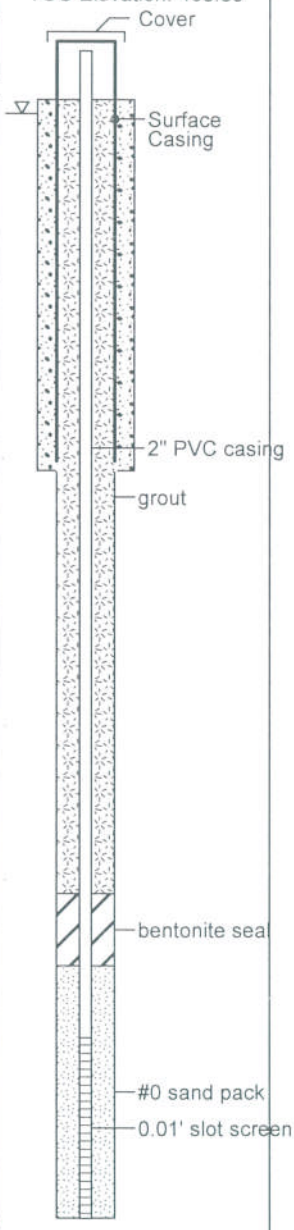
Run#1 18.5-23.5' Rec-60" RQD-16.6% — mechanical breaks horizontal gypsum veins

Run#2 23.5-29' Rec-60" RQD-46.9% — mechanical breaks vertical gypsum veins

30 —

Run #3 29-31' Rec-24" RQD-85.3% — mechanical breaks horizontal and vertical gypsum veins

Monitoring Well: BR08-35
TOC Elevation: 408.39



NOTES:
bgs - below ground surface
NR - no recovery

LOG OF BORING BR08-35

(Page 1 of 1)

Appendix B
Laboratory Analytical Results

Analytical Assurance Associates, Inc.
600 Rock Raymond Road
Downingtown, PA 19335
Phone: 610 - 269 - 9989
Fax: 610 - 269 - 9989

ORGANIC & INORGANIC DATA VALIDATION REPORT

S & W REDEVELOPMENT

PASS & SEYMOUR SITE

ANALYZED BY
TESTAMERICA

JOB No.: 220-6024

REVIEWED BY:
Analytical Assurance Associates (A^3)
600 Rock Raymond Road
Downingtown, PA 19335

S & W REDEVELOPMENT
PASS & SEYMOUR SITE
CASE NO.: 220-6024

INTRODUCTION

This quality assurance review is based upon a review of all data generated from eight (8) aqueous samples including one field blank, collected on July 29, 2008. Samples were received by TestAmerica laboratory on July 30, 2008 and analyzed for specific volatile organic compounds (VOCs) using SW 846, Method 8260B.

The following samples are evaluated and included in this data package review.

BR07-29
BR07-30
BR07-31
BR07-32
BR08-33
BR08-34
BR08-35
DUPLICATE

MS/MSD analysis was performed on sample BR07-31 from this batch.

The reported analytical data for the above samples were evaluated in accordance with the following parameters and summarized in this report.

QUALITY ASSURANCE REVIEW

The findings offered in this report are based upon a review of the following criteria:

- Data Completeness
- Holding Times
- Calibrations
- Blanks
- Surrogate Recoveries
- Internal Standards Recovery
- Matrix Spike/Spike Duplicate/Blank Spike Analyses
- Instrument Performance
- Field Duplicate Results
- Sample Results

DATA COMPLETENESS

The data package completeness is satisfactory.

HOLDING TIME

Samples were analyzed within 10-day from the VTSR. Samples were preserved at pH <2 unit.

CALIBRATION

All response factors were within the control limits. The following %RSDs and %Ds were above 30% and 25% control limits established by the Region II data validation:

Compound	IC 7-28-08	CC 8-01-08 @ 9:40	CC 8-05-08 @ 12:33	CC 8-07-08 @ 8:50
Bromomethane	35.1			
Chloromethane			30.9	
Carbon disulfide		46		
Tetrachloroethene			33.5	29.7
Chloroethane	38.1			29.4
Samples	BR07-30 BR08-35 BR07-31 BR08-34 MS/MSD	BR07-29	BR08-33 BR07-32 DUP	BR07-30 BR08-35 BR07-31 BR08-34 MS/MSD

The reported sample results and non-detected values were qualified estimated (J & UJ).

Note: These eight samples were analyzed under six initial and continuing calibrations. Many non-TLC compounds were included in the calibration standards that make review of the data very time consuming.

BLANKS

The laboratory method blanks, trip blank, and storage blank had methylene chloride at maximum level of 0.8 ug/L. The reported sample results up to ten times the blank contamination level were considered as the laboratory artifact and qualified "U".

SURROGATE RECOVERIES

Samples were spiked with four surrogate compounds prior to analysis. The recoveries were within the control limits with the exception 4-bromofluorobenzene (71%) in MSD sample. Sample data was not impacted since the analysis of matrix spike fulfilled the reanalysis requirement.

MATRIX SPIKE/SPIKE DUPLICATE ANALYSIS

Matrix spike/spike duplicate analysis was performed on sample BR07-31 and an alternate sample 220-599-G-1 from the other site. Recoveries were within the control limits with the exception of tetrachloroethene (57/47 %) in BR07-31 MS/MSD. Sample data was not impacted since the recoveries were above 10%.

Three LCSs and two blank spike samples were analyzed with this batch. The recoveries for carbon disulfide (30.6%) and styrene (63%) in LCSs analyzed on 8-01-08 and 8-07-08 respectively were below the lower control limits established by the laboratory. Sample data was not impacted since the recoveries were within the control limits in MS/MSD and both blank spike samples.

INTERNAL STANDARD

The recoveries and retention times were within the control limits.

FIELD DUPLICATE

Field duplicate analysis was performed on samples BR07-32/Duplicte. Target compounds were not detected in these two samples at levels above CRQLs.

SAMPLE RESULTS

All samples were analyzed at one-fold dilutions with the exception of sample BR07-30. This sample was originally analyzed at a 400-fold dilution. Trichloroethene was detected in this sample at very high level. Sample results and non-detected values were considered biased and qualified estimated.

An intensive peak was detected in samples BR07-32 & BR07-33 chromatograms which suppressed the other peaks. Sample data was accepted unqualified since the surrogate and internal standard recoveries were within the control limits in these two samples.

SUMMARY

The cooler temperature (0.2°C) was reported and considered acceptable.

All data have been validated in accordance with the data quality assurance set forth in NYSDEC ASP for Evaluating Organic analyses. The USEPA Region II Data Validation SOP # HW-6 Revision 14, (September 2006) was utilized to review the data completeness and data quality. The analysis problems were discussed in the above sections. If you have any questions or comments on this data review, please contact Zohreh Hamid at (610) 269-9989.

1. **Appendix A- Glossary of Data Qualifier**
2. **Appendix B- Data Summary Forms**
3. **Appendix C- Laboratory Results**
4. **Appendix D- Support Documentation**

Appendix A
Glossary of Data Qualifiers

GLOSSARY OF DATA QUALIFIERS

CODES RELATING TO IDENTIFICATION

(confidence concerning presence or absence of compounds):

U = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS. [Substantially is equivalent to a result less than 10 times the blank level for common contaminants (methylene chloride, acetone and 2- butanone in the VOA analyses, and common phthalates in the BNA analyses, along with tentatively identified compounds) or less than 5 times the blank level for other target compounds.]

R = UNUSABLE RESULT. THE PRESENCE OR ABSENCE OF THIS ANALYTE CANNOT BE VERIFIED. SUPPORTING DATA NECESSARY TO CONFIRM RESULT.

N = NEGATED COMPOUND. THERE IS PRESUMPTIVE EVIDENCE TO MAKE A TENTATIVE IDENTIFICCATION.

CODES RELATING TO QUATITATION

(can be used for both positive results and sample quantitation limits):

J = ANALYTE WAS POSITIVELY IDENTIFIED. REPORTED VALUE MAY NOT BE ACCURATE OR PRECISE.

UJ = ANALYTE WAS NOT DETECTED. THE REPORTED QUATITATION LIMIT IS QUALIFIED ESTIMATED.

OTHER CODES

Q = NO ANALYTICAL RESULT.

Appendix B
Data Summary

ANALYTICAL ASSURANCE ASSOCIATES (A3)
VOLATILE ANALYSIS

Case No. 220-6024
Site ID: Pass & Seymour

Client Sample ID:		BR07-29	BR07-30	BR07-31	BR07-32	BR07-33	BR07-34	BR07-35	DUPLICATE
Lab Sample ID: 220-6024-		1	2	3	4	5	6	7	8
Matrix:		Water	Water	Water	Water	Water	Water	Water	Water
Dilution Factor		1	400	1	1	1	1	1	1
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Target Compound	Reporting Limit	Sample Result	Sample Result	Sample Result	Sample Result	Sample Result	Sample Result	Sample Result	Sample Result
Acetone	10		520 J	1.4 J	1.1 J	1 J	9.7 J	9.4 J	5.8 J
Benzene	5		UJ						
Bromodichloromethane	5		UJ						
Bromoform	5		UJ						
Bromomethane	5		UJ	UJ			UJ	UJ	
Methyl ethyl ketone	10		UJ						
Carbon disulfide	5	UJ	UJ						
Carbon tetrachloride	5		UJ						
Chlorobenzene	5		UJ						
Chloroethane	5		UJ	UJ			UJ	UJ	
Chloroform	5		UJ						
Chloromethane	5		UJ		UJ	UJ			UJ
Dibromochloromethane	5		UJ						
1,1-Dichloroethane	5		UJ						
1,2-Dichloroethane	5		UJ						
1,1-Dichloroethene	5		UJ						
1,2-Dichloropropane	5		UJ						
cis-1,3-Dichloropropene	5		UJ						
trans-1,3-Dichloropropene	5		UJ						
Ethylbenzene	5		UJ						
2-Hexanone	10		UJ						
Methylene chloride	5		2000 UJ				5 U	5 U	
Methyl Isobutyl ketone	10		UJ						
Styrene	5		UJ						
1,1,2,2-Tetrachloroethane	5		UJ						
Tetrachloroethene	5		UJ	23 J	UJ	UJ	UJ	UJ	UJ
Toluene	5		UJ						
1,1,1,Trichloroethane	5		UJ						
1,1,2-Trichloroethane	5		UJ						
Trichloroethene	5	120	33000 J	6.5		3.3 J			
Vinyl Chloride	5		UJ	1 J					
Xylenes, Total	5		UJ						
cis-1,2-Dichloroethene	5	4.3 J	960 J	17					
trans-1,2-Dichloroethene	5		UJ						

Appendix C
Laboratory Reported Results

Client: S & W Redevelopment LLC

Job Number: 220-6024-1
Sdg Number: 220-6024

Client Sample ID: **BR07-29**

Lab Sample ID: 220-6024-1
Client Matrix: Water

Date Sampled: 07/29/2008 1105
Date Received: 07/30/2008 0932

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 08/01/2008 1714
Date Prepared: 08/01/2008 1714

Analysis Batch: 220-18673

Instrument ID: HP 5890/5971 GC/MS
Lab File ID: L8458.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U * UJ	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	120		0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	4.3	J	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	80	53 - 125
4-Bromofluorobenzene	99	73 - 127
Dibromofluoromethane	80	54 - 137
Toluene-d8 (Surr)	88	63 - 121

Client: S & W Redevelopment LLC

Job Number: 220-6024-1
Sdg Number: 220-6024

Client Sample ID: **BR07-30**

Lab Sample ID: 220-6024-2
Client Matrix: Water

Date Sampled: 07/29/2008 1020
Date Received: 07/30/2008 0932

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 400
Date Analyzed: 08/07/2008 1423
Date Prepared: 08/07/2008 1423

Analysis Batch: 220-18786

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: W7978.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	520	J	410	4000
Benzene	2000	U	300	2000
Bromodichloromethane	2000	U	190	2000
Bromoform	2000	U	180	2000
Bromomethane	2000	U	850	2000
Methyl Ethyl Ketone	4000	U	440	4000
Carbon disulfide	2000	U	360	2000
Carbon tetrachloride	2000	U	430	2000
Chlorobenzene	2000	U	290	2000
Chloroethane	2000	U	420	2000
Chloroform	2000	U	270	2000
Chloromethane	2000	U	440	2000
Dibromochloromethane	2000	U	220	2000
1,1-Dichloroethane	2000	U	410	2000
1,2-Dichloroethane	2000	U	290	2000
1,1-Dichloroethene	2000	U	330	2000
1,2-Dichloropropane	2000	U	280	2000
cis-1,3-Dichloropropene	2000	U	110	2000
trans-1,3-Dichloropropene	2000	U	230	2000
Ethylbenzene	2000	U	350	2000
2-Hexanone	4000	U	440	4000
Methylene Chloride	320	J	310	2000
methyl isobutyl ketone	4000	U	150	4000
Styrene	2000	U *	260	2000
1,1,2,2-Tetrachloroethane	2000	U	320	2000
Tetrachloroethene	2000	U	320	2000
Toluene	2000	U	290	2000
1,1,1-Trichloroethane	2000	U	280	2000
1,1,2-Trichloroethane	2000	U	260	2000
Trichloroethene	33000		250	2000
Vinyl chloride	2000	U	400	2000
Xylenes, Total	2000	U	910	2000
cis-1,2-Dichloroethene	960	J	400	2000
trans-1,2-Dichloroethene	2000	U	300	2000

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	112	53 - 125
4-Bromofluorobenzene	79	73 - 127
Dibromofluoromethane	97	54 - 137
Toluene-d8 (Surr)	82	63 - 121

Client: S & W Redevelopment LLC

Job Number: 220-6024-1
Sdg Number: 220-6024

Client Sample ID: **BR07-31**

Lab Sample ID: 220-6024-3
Client Matrix: Water

Date Sampled: 07/29/2008 0910
Date Received: 07/30/2008 0932

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 08/07/2008 1543
Date Prepared: 08/07/2008 1543

Analysis Batch: 220-18786

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: W7981.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.4	J	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U *	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	23	J	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	6.5		0.62	5.0
Vinyl chloride	1.0	J	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	17		0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	118	53 - 125
4-Bromofluorobenzene	80	73 - 127
Dibromofluoromethane	99	54 - 137
Toluene-d8 (Surr)	84	63 - 121

Client: S & W Redevelopment LLC

Job Number: 220-6024-1
Sdg Number: 220-6024

Client Sample ID: **BR07-32**

Lab Sample ID: 220-6024-4
Client Matrix: Water

Date Sampled: 07/29/2008 1040
Date Received: 07/30/2008 0932

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 08/06/2008 0032
Date Prepared: 08/06/2008 0032

Analysis Batch: 220-18738

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: V7185.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.1	J	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U UJ	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U UJ	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	5.0	U	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	121	53 - 125
4-Bromofluorobenzene	99	73 - 127
Dibromofluoromethane	117	54 - 137
Toluene-d8 (Surr)	106	63 - 121

Client: S & W Redevelopment LLC

Job Number: 220-6024-1
Sdg Number: 220-6024

Client Sample ID: BR08-33

Lab Sample ID: 220-6024-5
Client Matrix: Water

Date Sampled: 07/29/2008 0935
Date Received: 07/30/2008 0932

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 08/05/2008 2219
Date Prepared: 08/05/2008 2219

Analysis Batch: 220-18738

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: V7180.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.0	J	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U UJ	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U UJ	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	3.3	J	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	115	53 - 125
4-Bromofluorobenzene	97	73 - 127
Dibromofluoromethane	112	54 - 137
Toluene-d8 (Surr)	102	63 - 121

Client: S & W Redevelopment LLC

Job Number: 220-6024-1
Sdg Number: 220-6024

Client Sample ID: **BR08-34**

Lab Sample ID: 220-6024-6
Client Matrix: Water

Date Sampled: 07/29/2008 1000
Date Received: 07/30/2008 0932

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 08/07/2008 1824
Date Prepared: 08/07/2008 1824

Analysis Batch: 220-18786

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: W7987.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	9.7	J	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U UJ	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U UJ	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0 ~~4.6~~	J U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U UJ	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	5.0	U	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	121	53 - 125
4-Bromofluorobenzene	92	73 - 127
Dibromofluoromethane	105	54 - 137
Toluene-d8 (Surr)	90	63 - 121

Client: S & W Redevelopment LLC

Job Number: 220-6024-1
Sdg Number: 220-6024

Client Sample ID: **BR08-35**

Lab Sample ID: 220-6024-7
Client Matrix: Water

Date Sampled: 07/29/2008 1130
Date Received: 07/30/2008 0932

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 08/07/2008 1517
Date Prepared: 08/07/2008 1517

Analysis Batch: 220-18786

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: W7980.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	9.4	J	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U UJ	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U UJ	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0 ~~0.88~~	~~J~~ U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U UJ	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	5.0	U	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	113	53 - 125
4-Bromofluorobenzene	78	73 - 127
Dibromofluoromethane	95	54 - 137
Toluene-d8 (Surr)	80	63 - 121

Client: S & W Redevelopment LLC

Job Number: 220-6024-1
Sdg Number: 220-6024

Client Sample ID: **DUPLICATE**

Lab Sample ID: 220-6024-8
Client Matrix: Water

Date Sampled: 07/29/2008 0000
Date Received: 07/30/2008 0932

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 08/05/2008 2246
Date Prepared: 08/05/2008 2246

Analysis Batch: 220-18738

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: V7181.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	5.8	J	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U UJ	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U UJ	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	5.0	U	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	115	53 - 125
4-Bromofluorobenzene	98	73 - 127
Dibromofluoromethane	113	54 - 137
Toluene-d8 (Surr)	104	63 - 121

Appendix D
Support Documentation/Resubmission
If Applicable