



August 12, 2008

Mr. Maurice Moore
Division of Hazardous Waste Management
New York State Department of Environmental Protection
270 Michigan Ave.
Buffalo, NY 14203-2999

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**Re: June 2008 Semi-Annual Performance Monitoring Report
Essex/Hope Site, Jamestown, New York
URS Project No. 41568140**

Dear Mr. Moore:

This letter report is a summary of the January through June 2008 operation performance for the remedial system at the above-referenced site. This report is submitted in accordance with the revised Performance Monitoring Plan (PMP) prepared by URS Corporation (URS) dated February 2008. During the period approximately 496,482 gallons of water were treated and discharged to the City of Jamestown POTW. The following sections discuss the data on groundwater quality sampling and groundwater flow.

GROUNDWATER FLOW EVALUATION

Water level measurements were taken on March 26 and June 25, 2008. Water level data is provided in Appendix A of this report. Groundwater contour maps illustrating pumping conditions during the reporting period are provided as Figures 1 through 4. Shallow groundwater was extracted at an average rate of 1.55 gallon per minute (gpm) from the NPL Area, 0.024 gpm from the AST/UST Area. Deep zone groundwater extraction is conducted from Recovery Well RW-2D in the NPL Area. No groundwater is pumped from RW-1D, which was shut down in June of 1999 with the approval of the NYSDEC. Groundwater was extracted from the deep zone at an average rate of 2.25 gpm. Pumping conditions were typical of previous data for the site. Second quarter data represents non-pumping conditions as the system was shut down at the time of gauging.

WATER QUALITY RESULTS

Performance monitoring included semi-annual sampling of the recovery wells during the 2nd Quarter 2008 and monthly influent and effluent sampling of the treatment system. Recovery Well sampling was conducted on June 27, 2008. Samples were analyzed by Pace Analytical of Greensburg, Pennsylvania for volatile organic compounds (VOC's) by US EPA Method 8260B. The recovery well analytical results are summarized in Table 1. Copies of the laboratory data packages are provided in Appendix B.

In accordance with the City of Jamestown Board of Public Utilities (BPU) Industrial Wastewater Discharge Permit Number 26 (Permit), the treatment system is monitored for pH

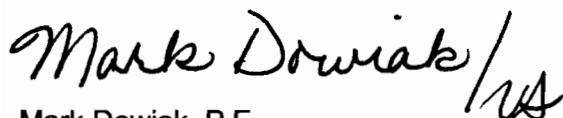
URS Corporation
Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220
Phone: 412.503.4700
Fax: 412.503.4704

and VOCs to ensure compliance with the discharge requirements. Sampling points include the influent, primary carbon effluent and secondary carbon effluent (discharge to POTW). These points are sampled each month and reported to the Jamestown BPU on a semi-annual basis. Groundwater treatment system data for January through June 2008 is summarized on Tables 2 through 4. These tables represent the system influent, individual carbon vessel effluent and post carbon (system discharge to POTW) concentrations.

This letter report has been prepared to satisfy the reporting requirements stipulated in the Performance Monitoring Plan and to evaluate remediation effectiveness on a semi-annual basis. If you have any questions or desire additional information, please do not hesitate to call me at (412) 503-4672.

Sincerely,

URS

Handwritten signature of Mark Dowiak in black ink, with a stylized 'u' at the end.

Mark Dowiak, P.E.
Project Manager
URS Dow Business Unit

Enclosure

cc: Tim King – The Dow Chemical Company
Valerie Sibeto – URS
Cameron O'Conner – New York State Department of Health
Joe Hausbeck – Division of Environmental Enforcement
Carlo J. Montisano – Custom Production Manufacturing, Inc.

TABLES

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Table 1
Semi-Annual Recovery Well Sampling
2nd Quarter Analytical Results
June 27, 2008

Volatile Organic Compounds (Method 8260A) - µg/L	Site GW RAOs	RW-1S	RW-1D	RW-2S	RW-2D	RW-3S
Acetone		ND	ND	ND	ND	ND
Benzene		ND	ND	ND	8.2	49
2-Butanone		ND	ND	ND	ND	ND
Carbon Disulfide		ND	ND	ND	62	ND
Chloroform		ND	ND	ND	ND	ND
Isopropylbenzene (Cumene)		ND	ND	ND	ND	11
1,1-Dichloroethane		ND	ND	ND	ND	ND
1,1-Dichloroethene		ND	ND	ND	31	ND
cis-1,2-Dichloroethene		90	33	5.9	6,300	ND
trans-1,2-Dichloroethene	5	ND	ND	ND	64	ND
Ethylbenzene	5	ND	ND	ND	ND	12
4-Methyl-2-pentanone		ND	ND	ND	ND	ND
Methylene Chloride		ND	ND	ND	ND	ND
Tetrachloroethene		ND	ND	ND	ND	ND
Toluene	5	ND	ND	ND	ND	ND
Trichloroethene	5	250	ND	7.4	1,200	ND
Vinyl Chloride	5	7.9	16	ND	810	ND
Xylenes (total)	5	ND	15.8	18	ND	11.3

Notes:

Site GW RAOs = Site Groundwater Remedial Action Objectives

µg/l = Micrograms per liter

ND = Not Detected/Below minimum laboratory reporting limit

Table 2
POTW Monthly Monitoring Summary
2008 System Pre-Carbon
Volatile Organic Compounds (µg/L)

Sample Date	16-Jan-08	28-Feb-08	25-Mar-08	17-Apr-08	19-May-08	27-Jun-08						
Acetone	ND	ND	ND	ND	ND	ND						
Benzene	2.1	4.8	4.9	3.2	5.0	3.8						
2-Butanone	ND	ND	ND	ND	ND	ND						
Carbon Disulfide	ND	ND	ND	ND	ND	11						
Chloroform	ND	ND	ND	ND	ND	ND						
Chloromethane	ND	ND	ND	ND	ND	ND						
Isopropylbenzene (Cumene)	ND	ND	ND	ND	ND	ND						
1,1-Dichloroethene	ND	13	11	7.9	17	8.4						
cis-1,2-Dichloroethene	1,300	2,900	2,900	2,200	3,700	1,800						
trans-1,2-Dichloroethene	7.6	16	15	7.5	24	13						
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND						
Ethylbenzene	ND	ND	ND	ND	ND	ND						
Methylene Chloride	ND	ND	ND	ND	ND	ND						
Toluene	ND	ND	ND	ND	ND	ND						
Trichloroethene	420	1,400	1,300	370	990	290						
Vinyl Chloride	200	490	430	350	590	260						
Total Xylenes	ND	ND	ND	ND	ND	ND						
Pre-Carbon TOTAL VOCs	1,930	4,824	4,661	2,939	5,326	2,386	0	0	0	0	0	0

Notes:

B = Result qualified as non-detect due to blank contamination.

ND = Not detected/Below minimum laboratory reporting limit

µg/L = micrograms per liter

Pre-Carbon sample results represent system influent.

Table 3
POTW Monthly Monitoring Summary
2008 System Primary Carbon Effluent
Volatile Organic Compounds (µg/L)

Sample Date	16-Jan-08	28-Feb-08	25-Mar-08	17-Apr-08	19-May-08	27-Jun-08						
Acetone	ND	ND	ND	ND	ND	ND						
Benzene	ND	ND	ND	ND	ND	ND						
2-Butanone	ND	ND	ND	ND	ND	ND						
Chloroform	ND	ND	ND	ND	ND	ND						
Chloromethane	ND	ND	ND	ND	ND	ND						
Isopropylbenzene (Cumene)	ND	ND	ND	ND	ND	ND						
1,1-Dichloroethene	7.7	11	11	11	17	ND						
cis-1,2-Dichloroethene	2,600	3,300	3,300	3,400	3,700	61						
trans-1,2-Dichloroethene	17	10	11	9.3	19	ND						
Ethylbenzene	ND	ND	ND	ND	ND	ND						
Methylene Chloride	ND	ND	ND	ND	ND	ND						
Toluene	ND	ND	ND	ND	ND	ND						
Trichloroethene	44	100	210	49	170	ND						
Vinyl Chloride	140	460	400	330	480	8.0						
Total Xylenes	ND	ND	ND	ND	ND	ND						
Primary-Carbon TOTAL VOCs	2,809	3,881	3,932	3,799	4,386	69	0	0	0	0	0	0

Notes:

B = Result qualified as non-detect due to blank contamination.

ND = Not detected/Below minimum laboratory reporting limit

µg/L = micrograms per liter

Primary Carbon sample results represent effluent from the first carbon vessel in the two (2) carbon vessel system.

System Carbon was changed out on June 26, 2008.

Table 4
POTW Monthly Monitoring Summary
2008 System Post Carbon Effluent
Volatile Organic Compounds (µg/L)

Sample Date	16-Jan-08	28-Feb-08	25-Mar-08	17-Apr-08	19-May-08	27-Jun-08						
Acetone	ND	ND	ND	ND	ND	ND						
Benzene	ND	ND	ND	ND	ND	ND						
2-Butanone	ND	ND	ND	ND	ND	ND						
Chloroform	ND	ND	ND	ND	ND	ND						
Chloromethane	ND	ND	ND	ND	ND	ND						
Isopropylbenzene (Cumene)	ND	ND	ND	ND	ND	ND						
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND						
cis-1,2-Dichloroethene	170	340	1,000	1,300	3,000	140						
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND						
Ethylbenzene	ND	ND	ND	ND	ND	ND						
Methylene Chloride	ND	ND	ND	ND	ND	ND						
Toluene	ND	ND	ND	ND	ND	ND						
Trichloroethene	ND	ND	ND	ND	5.3	ND						
Vinyl Chloride	460	410	490	490	570	17						
Total Xylenes	ND	ND	ND	ND	ND	ND						
Post-Carbon TOTAL VOCs	630	750	1,490	1,790	3,575	157	0	0	0	0	0	0

Notes:

B = Result qualified as non-detect due to blank contamination.

ND = Not detected/Below minimum laboratory reporting limit

µg/L = micrograms per liter

POTW Discharge Limit = 2,130 ug/L Total Toxic Organics (VOCs)

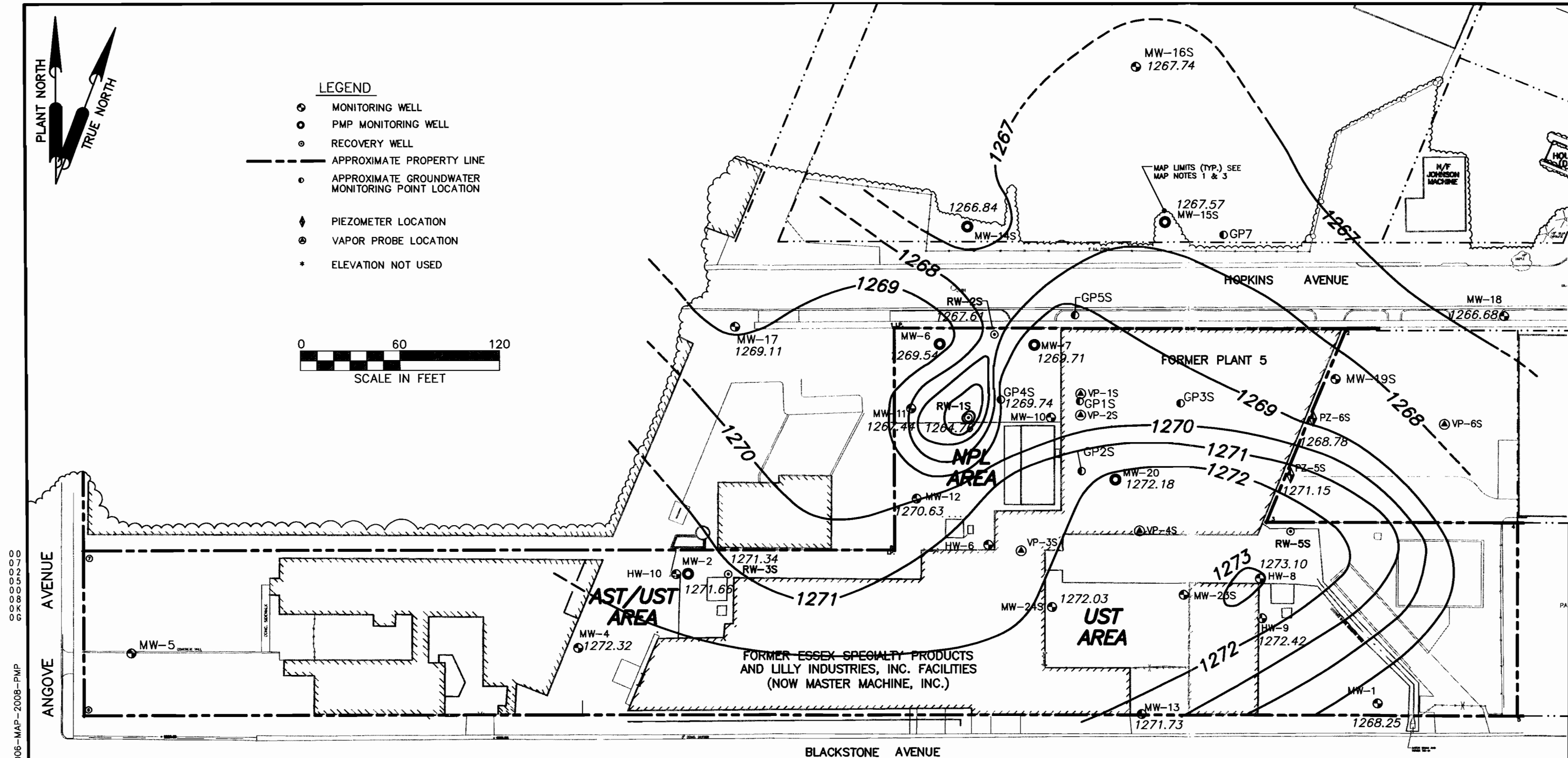
May 2008 Total VOCs discharged exceeded permit limit; System was temporarily shut down and BPU was notified.

Post-Carbon sample results represent system effluent from the secondary carbon vessel (or the third carbon vessel if used) to the POTW.

Post-Carbon sample is a laboratory prepared composite of four (4) grab samples taken at 30-minute intervals.

System Carbon was changed out on June 26, 2008.

FIGURES



MAP REFERENCE AND CONTROL NOTES:

2. VERTICAL BENCH MARK INFORMATION CAME FROM U.S.G.S. PLAQUE U-88-S.E. ABUTT. ERIE R.R. BRIDGE OVER BUFFALO ST., ELEV.=1296.034 (NATIONAL GEODETIC VERTICAL DATUM, 1929). HORIZONTAL COORDINATES PROVIDED FOR THE MONITORING WELLS AND THE PROPERTY CORNERS ARE BASED ON A LOCAL GRID ESTABLISHED BY THE SURVEYOR. N10000, E10000 IS A PK NAIL SET IN THE CONCRETE CURB/GUTTER AND IS PART OF THE C TRAVERSE. IRON STAKES WERE SET AT THE PROPERTY CORNERS.

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PITTSBURGH, PENNSYLVANIA

ESSEX/HOPE SITE

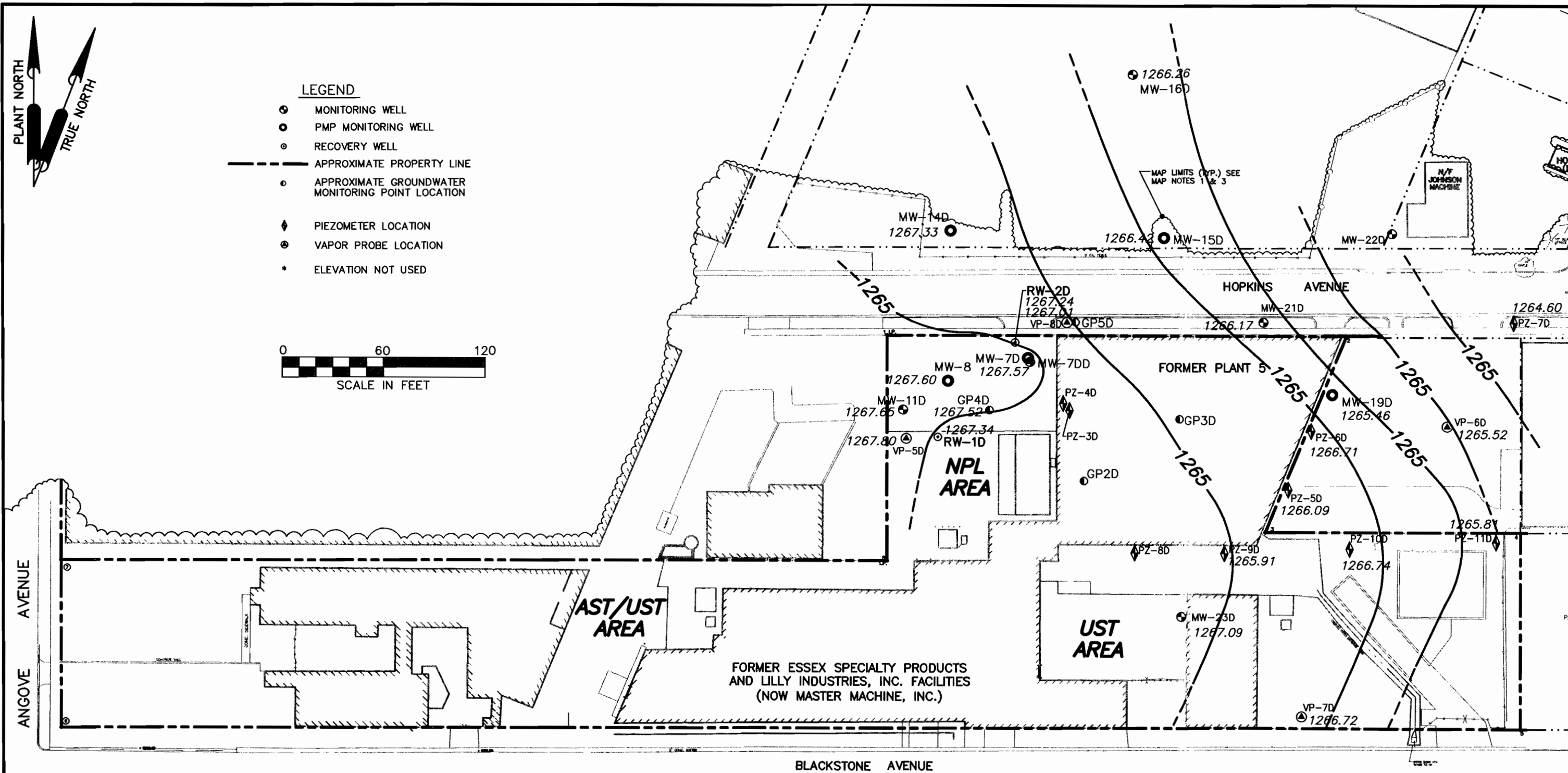
CLIENT: ESSEX SPECIALTY PRODUCTS, INC.

SCALE: AS SHOWN

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MAP REFERENCE AND CONTROL NOTES:

1. BASE MAPPING INCLUDING THE LOCATIONS OF SOME OF THE BUILDINGS, ROADS, CURBS/SIDEWALKS, FENCING, PAVED AREAS, ALL UTILITIES (UNDERGROUND UTILITY LOCATIONS ARE APPROXIMATE), AND PROPERTY BOUNDARY WAS PROVIDED BY MICHAEL J. RODGERS AND ASSOCIATES, LAND SURVEYORS, BEMUS POINT, NEW YORK, N.Y.S. LICENSE No. 49232. THE BASE MAP WAS A SEPIA HARD COPY AT A SCALE OF 1"=20', DATED APRIL 15, 1992, LAST REVISION DATE MARCH 10, 1993. RECOVERY WELLS, SPARGE WELLS, AND SVE WELLS WERE SURVEYED AUGUST, 1997. MONITORING WELLS IN THE VICINITY OF THE REMEDIAL ACTION CONSTRUCTION WERE SURVEYED AUGUST, 1997. OTHER MONITORING WELLS WERE EITHER PART OF THE APRIL, 1992 MAP/SURVEY OR NOT SURVEYED AT ALL. SEE MONITORING WELL TABLE AND MONITORING WELL NOTES FOR MORE INFORMATION. COORDINATE INFORMATION SHOWN AT THE BUILDING CORNERS CAME FROM THE MICHAEL J. RODGERS SURVEY DONE ON JANUARY 9, 1998. ALL OTHER BUILDING CORNERS ARE APPROXIMATE. THE SITE AREA BEYOND THE 1998 SURVEY WAS MAPPED BY URS CORPORATION IN AUGUST 2006. THIS MAPPING USED THE SAME VERTICAL AND HORIZONTAL REFERENCE DATA AS THE PREVIOUS SURVEY. THE MAPPING WAS MERGED WITH THE 1998 DATA TO PRODUCE A COMPOSITE SITE BASE MAP. THE LIMITS OF THE COMPOSITE SURVEY MAP ARE SHOWN ON THE DRAWING. SEE MAP REFERENCE 3.

2. VERTICAL BENCH MARK INFORMATION CAME FROM U.S.G.S. PLAQUE U-88-S.E. ABUTT. ERIE R.R. BRIDGE OVER BUFFALO ST., ELEV.=1296.034 (NATIONAL GEODETIC VERTICAL DATUM, 1929). HORIZONTAL COORDINATES PROVIDED FOR THE MONITORING WELLS AND THE PROPERTY CORNERS ARE BASED ON A LOCAL GRID ESTABLISHED BY THE SURVEYOR. N10000, E10000 IS A PK NAIL SET IN THE CONCRETE CURB/GUTTER AND IS PART OF THE ORIGINAL TRAVERSE. IRON STAKES WERE SET AT THE PROPERTY CORNERS.

3. AREAS OUTSIDE OF CLOUD LINE: PROPERTY LINES AND MAPPING ADJACENT TO BIGELOW AVENUE, NORTH & SOUTH OF HOPKINS AVENUE & EAST OF BIGELOW AVENUE, AND SOUTH OF BLACKSTONE AVENUE WERE TAKEN FROM A VARIETY OF SOURCES INCLUDING SEPIA MYLAR SITE MAP (SEE REFERENCE 1), USGS 7.5 MINUTE TOPOGRAPHIC MAP - JAMESTOWN, NY, CITY OF JAMESTOWN TAX MAP RECORDS, AND URS FIELD RECONNAISSANCE. LOCATIONS AND DIMENSIONS IN THESE AREAS ARE APPROXIMATE.

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URS

PITTSBURGH, PENNSYLVANIA

**2008 SEMI-ANNUAL PERFORMANCE MONITORING REPORT
DEEP GROUNDWATER POTENTIOMETRIC SURFACE - JUNE 25, 2008**

ESSEX/HOPE SITE

JAMESTOWN, NY

CLIENT: ESSEX SPECIALTY PRODUCTS, INC.

JOB NUMBER: 41568140

SCALE: AS SHOWN

FIGURE
NUMBER

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APPENDIX A

Water Level Measurement Data

APPENDIX A

2008 Water Level Data Essex/Hope Site Jamestown, NY

Well No.	Northing	Easting	Reference Elevation (ft msl)	Depth to Top of Screen	Depth to Bottom of Screen	Screened Zone	March 26, 2008			June 25, 2008		
							Depth to Water	Depth to Top of Pump	Groundwater Elevation (ft msl)	Depth to Water	Depth to Top of Pump	Groundwater Elevation (ft msl)
MW-1	9758.7161	10383.6499	1280.48		20.0	Shallow	12.23	NA	1268.25	NM	NA	NA
MW-2	9837.1531	9959.6857	1279.87		16.0	Shallow	8.21	NA	1271.66	9.16	NA	1270.71
MW-4	9792.3277	9900.7631	1281.02	13.0	18.0	Shallow	8.70	NA	1272.32	9.88	NA	1271.14
MW-5	9789.6222	9631.761	1280.82	9.5	20.0	Shallow	NM	NA	NA	NM	NA	NA
MW-6	9977.1197	10118.8762	1277.98			Shallow	8.44	NA	1269.54	8.51	NA	1269.47
MW-7	9976.6467	10175.6797	1277.73	10.0	20.0	Shallow	8.02	NA	1269.71	8.17	NA	1269.56
MW-7D	9973.2593	10174.8524	1277.8	35.0	45.0	Deep	16.66	NA	1261.14	10.23	NA	1267.57
MW-7DD	9970.8547	10176.2698	1277.74	90.0	100.0	Glacial Till	NM	NA	NA	NM	NA	NA
MW-8	9959.6089	10127.6898	1277.97	39.6	49.6	Deep	15.74	NA	1262.23	10.37	NA	1267.60
MW-10	9932.4702	10185.7078	1277.94	8.5	18.5	Shallow	NM	NA	NA	NM	NA	NA
MW-11	9937.9912	10101.7016	1277.75	5.0	15.0	Shallow	10.31	NA	1267.44	9.27	NA	1268.48
MW-11D	9942.3792	10101.1482	1277.85	35.0	45.0	Deep	14.59	NA	1263.26	10.20	NA	1267.65
MW-12	9883.0874	10104.9278	1278.18	4.0	14.0	Shallow	7.55	NA	1270.63	8.77	NA	1269.41
MW-13	9752.0619	10240.2934	1278.12	8.0	18.0	Shallow	6.39	NA	1271.73	9.91	NA	1268.21
MW-14S	10048.7753	10135.5198	1280.25	10.0	20.0	Shallow	13.41	NA	1266.84	12.85	NA	1267.40
MW-14D	10049.5051	10129.1897	1280.01	40.0	50.0	Deep	15.98	NA	1264.03	12.68	NA	1267.33
MW-15S	10051.8272	10254.4862	1279.55	10.0	20.0	Shallow	11.98	NA	1267.57	13.62	NA	1265.93
MW-15D	10045.5611	10255.205	1279.46	34.0	44.0	Deep	14.66	NA	1264.80	13.04	NA	1266.42
MW-16S	10146.7788	10236.8582	1279.32	7.0	17.0	Shallow	11.58	NA	1267.74	13.11	NA	1266.21
MW-16D	10143.9497	10236.6005	1279.05	36.0	46.0	Deep	13.48	NA	1265.57	12.79	NA	1266.26
MW-17	9987.6315	9995.5207	1278.7			Deep	9.59	NA	1269.11	10.12	NA	1268.58
MW-18	9994.6655	10459.2207	1275.49		20.0	Shallow	8.81	NA	1266.68	10.34	NA	1265.15
MW-19S	9956.1454	10358.207	1276.82	9.0	19.0	Shallow	NM	NA	NA	10.86	NA	1265.96
MW-19D	9951.569	10355.9748	1276.21	34.0	44.0	Deep	NM	NA	NA	10.75	NA	1265.46
MW-20	9894.7336	10224.5128	1278.56	6.5	11.5	Shallow	6.38	NA	1272.18	NM	NA	NA
MW-21D	9995.0094	10314.801	1276.12	31.5	41.0	Deep	10.10	NA	1266.02	9.95	NA	1266.17
MW-22D	10048.1687	10391.3548	1276.04	32.5	42.0	Deep	NM	NA	NA	NM	NA	NA
MW-23S	9824.696	10265.6365	1277.85	5.0	14.5	Shallow	NM	NA	NA	6.93	NA	1270.92
MW-23D	9818.3152	10265.6675	1277.89	28.0	37.5	Deep	11.18	NA	1266.71	10.80	NA	1267.09
MW-24S	9817.1277	10186.2119	1278.77	5.0	14.5	Shallow	6.74	NA	1272.03	8.09	NA	1270.68

APPENDIX A

2008 Water Level Data Essex/Hope Site Jamestown, NY

Well No.	Northing	Easting	Reference Elevation (ft msl)	Depth to Top of Screen	Depth to Bottom of Screen	Screened Zone	March 26, 2008			June 25, 2008		
							Depth to Water	Depth to Top of Pump	Groundwater Elevation (ft msl)	Depth to Water	Depth to Top of Pump	Groundwater Elevation (ft msl)
MW-25S						Shallow	9.16	NA		NM	NA	NA
MW-25D						Deep	9.53	NA		NM	NA	NA
HW-8	9834.664	10312.0885	1277.81	6.0	16.0	Shallow	4.71	NA	1273.10	6.45	NA	1271.36
HW-9	9810.5264	10313.3873	1280.78	6.0	16.0	Shallow	8.36	NA	1272.42	10.71	NA	1270.07
HW-10	9837.2976	9966.7406	1279.55	7.0	17.0	Shallow	NA	NA	NA	NA	NA	NA
RW-1S	9932.3606	10136.0515	1275.81	10.5	16.0	Shallow	11.05	11.50	1264.76	6.38	11.50	1269.43
RW-1D	9925.9898	10121.7689	1276.34	32.0	57.0	Deep	13.94	NA	1262.40	9.00	NA	1267.34
RW-2S	9982.9501	10151.7112	1276.33	10.0	15.5	Shallow	8.72	12.70	1267.61	7.00	12.70	1269.33
RW-2D	9982.6088	10169.3122	1276.35	27.0	42.0	Deep	36.95	36.90	1239.40	9.11	36.90	1267.24
RW-3S	9837.0894	9990.9663	1278.14	9.0	13.5	Shallow	6.80	8.80	1271.34	7.87	8.80	1270.27
RW-5S	9863.4298	10330.7462	1277.29	7.0	10.0	Shallow	NM	NA	NA	NM	NA	NA
GP-1S	9942.4384	10203.1085	1278.83	8.0	12.8	Shallow	NM	NA	NA	NM	NA	NA
GP-2S	9899.8775	10204.1632	1278.46	2.6	12.6	Shallow	NM	NA	NA	NM	NA	NA
GP-2D	9899.7358	10207.9807	1278.56	30.0	34.8	Deep	NM	NA	NA	NM	NA	NA
GP-3S	9941.2543	10263.8898	1278.59	4.0	14.0	Shallow	NM	NA	NA	NM	NA	NA
GP-3D	9936.9027	10264.588	1278.62	34.0	38.8	Deep	NM	NA	NA	NM	NA	NA
GP-4S	9940.86*	10154.97*	1278.06	10.8	15.8	Shallow	8.32	NA	1269.74	8.47	NA	1269.59
GP-4D	9942.1743	10152.2232	1277.95	39.0	43.8	Deep	15.39	NA	1262.56	10.43	NA	1267.52
GP-5S	9994.7299	10200.2055	1277.44	7.0	11.8	Shallow	NM	NA	NA	NM	NA	NA
GP-5D	9994.8642	10202.9906	1276.81	36.0	40.8	Deep	NM	NA	NA	NM	NA	NA
PZ-1S	9981.8469	10169.3122	1277.77			Shallow	NM	NA	NA	NM	NA	NA
PZ-1D	9980.4294	10171.2636	1277.64			Deep	NM	NA	NA	NM	NA	NA
PZ-2D	9979.5627	10172.4761	1277.55			Deep	NM	NA	NA	NM	NA	NA
PZ-3D	9942.0414	10199.2937	1278.8	20.0	40.0	Deep	NM	NA	NA	NM	NA	NA
PZ-4D	9946.2326	10195.679	1278.71			Deep	NM	NA	NA	NM	NA	NA
PZ-5S	9897.7381	10330.7876	1276.42	5.5	12.0	Shallow	5.27	NA	1271.15	7.85	NA	1268.57
PZ-5D	9894.5731	10329.7148	1276.4	21.0	42.0	Deep	10.00	NA	1266.40	10.31	NA	1266.09
PZ-6S	9932.2079	10344.4895	1276.61	8.5	13.5	Shallow	7.83	NA	1268.78	10.29	NA	1266.32
PZ-6D	9929.8004	10343.4742	1276.62	25.5	45.5	Deep	9.85	NA	1266.77	9.91	NA	1266.71

APPENDIX A

2008 Water Level Data Essex/Hope Site Jamestown, NY

Well No.	Northing	Easting	Reference Elevation (ft msl)	Depth to Top of Screen	Depth to Bottom of Screen	Screened Zone	March 26, 2008			June 25, 2008		
							Depth to Water	Depth to Top of Pump	Groundwater Elevation (ft msl)	Depth to Water	Depth to Top of Pump	Groundwater Elevation (ft msl)
PZ-7D	9994.5452	10463.2465	1275.68	22.0	42.0	Deep	9.62	NA	1266.06	11.08	NA	1264.60
PZ-8D	9856.4908	10237.8118	1278.12	21.0	41.0	Deep	NM	NA	NA	NM	NA	NA
PZ-9D	9856.2398	10291.1658	1277.3	19.0	39.0	Deep	4.11	NA	1273.19	11.39	NA	1265.91
PZ-10D	9858.9821	10366.4236	1277.52	26.5	46.5	Deep	1.61	NA	1275.91	10.78	NA	1266.74
PZ-11D	9863.0677	10452.8989	1276.63	21.3	41.3	Deep	9.90	NA	1266.73	10.82	NA	1265.81
VP-5D	9925.1052	10103.0141	1277.88	12.5	34.3	Deep	11.05	NA	1266.83	10.08	NA	1267.80
VP-6S	9928.8123	10423.4628	1276.48	18.3	24.0	Deep upper gravel	9.42	NA	NA	10.95	NA	1265.53
VP-6D	9932.5744	10424.1378	1276.6	29.5	39.5	Deep	9.39	NA	NA	11.08	NA	1265.52
VP-7D	9758.4881	10337.7133	1278.64	20.4	39.3	Deep	11.40	NA	1267.24	11.92	NA	1266.72
VP-8D	9994.6178	10197.8133	1277.15	20.0	39.0	Deep	10.94	NA	NA	10.14	NA	1267.01

Notes:

NM = Not Measure
NA = Not Applicable

RW-4S, RW-5S taken offline in October 2002 for UST Removal.
Wells RW-4S, TW-01, and HW-7 destroyed during UST removal operations.

Appendix B

Laboratory Certificates of Analysis

July 11, 2008

Mr. Mark Dowiak
URS Corporation
Construction Services Division
Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

Dear Mr. Dowiak:

Enclosed are analytical results for samples submitted to Pace Analytical by URS Corporation. The samples were received on June 30, 2008. The results reported in this project meet the requirements as specified in Chapter 5 of the NELAC Standards. Any deviations or discrepancies from the NELAC standards are documented in the case narrative(s) of this report. Parameters printed in *italics* represent Non-NELAC accredited parameters. Please reference Pace project number 08-4860 when inquiring about this report.

Client Site: Essex-Hope
Client Ref.: 41568140.10000

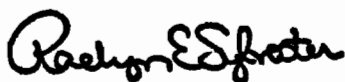
Pace Sample Identification	Client Sample Identification
0806-4741	RW-1S
0806-4742	RW-1D
0806-4743	RW-2S

Pace Sample Identification	Client Sample Identification
0806-4744	RW-2D
0806-4745	RW-3S
0806-4746	Trip Blank

General Comments: Cooler temperature 21.4 ° C upon receipt. Ice was present.

Please call me if you have any questions regarding the information contained within this report.

Sincerely,



Raelyn E. Sylvester
Project Manager

REC: rdc

Enclosures

Page 1 of 14

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
 1638 Roseytown Rd
 Suites 2, 3 & 4
 Greensburg, PA 15601
 Phone: 724.850.5600
 Fax: 724.850.5601

Mr. Mark Dowiak
 URS Corporation
 Construction Services Division
 Foster Plaza 4
 501 Holiday Drive, Suite 300
 Pittsburgh, PA 15220

Lab Project ID: 08-4860
Lab Sample ID: 0806-4741
Client Sample ID: RW-1S
Sample Matrix: Aqueous

Date Sampled: 06/27/2008
Date Received: 06/30/2008

Client Site: Essex-Hope
Client Ref.: 41568140.10000

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Volatile Organic Compounds, MS								
Acetone	8260B ⁽¹⁾	<10	10	ug/l	MAK	07/08/2008	0074690-1	<10
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	MAK	07/08/2008	0074690-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	07/08/2008	0074690-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	90	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	07/08/2008	0074690-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	07/08/2008	0074690-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0

(Continued)

REPORT OF LABORATORY ANALYSIS

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Lab Sample ID: 0806-4741

Client Sample ID: RW-1S

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
Trichloroethene	8260B ⁽¹⁾	250	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	7.9	2.0	ug/l	MAK	07/08/2008	0074690-1	<2.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
m,p-Xylenes	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0

⁽¹⁾ U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis.

REPORT OF LABORATORY ANALYSIS

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Mr. Mark Dowiak
URS Corporation
Construction Services Division
Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

Lab Project ID: 08-4860
Lab Sample ID: 0806-4742
Client Sample ID: RW-1D
Sample Matrix: Aqueous

Date Sampled: 06/27/2008
Date Received: 06/30/2008

Client Site: Essex-Hope
Client Ref.: 41568140.10000

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Volatile Organic Compounds, MS								
Acetone	8260B ⁽¹⁾	<10	10	ug/l	MAK	07/08/2008	0074690-1	<10
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	MAK	07/08/2008	0074690-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	07/08/2008	0074690-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	33	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	07/08/2008	0074690-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	07/08/2008	0074690-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0

(Continued)

REPORT OF LABORATORY ANALYSIS

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Lab Sample ID: 0806-4742
Client Sample ID: RW-1D

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
Trichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	16	2.0	ug/l	MAK	07/08/2008	0074690-1	<2.0
o-Xylene	8260B ⁽¹⁾	7.1	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
m,p-Xylenes	8260B ⁽¹⁾	8.7	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0

⁽¹⁾ U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis.

REPORT OF LABORATORY ANALYSIS

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Mr. Mark Dowiak
URS Corporation
Construction Services Division
Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

Lab Project ID: 08-4860
Lab Sample ID: 0806-4743
Client Sample ID: RW-2S
Sample Matrix: Aqueous

Date Sampled: 06/27/2008
Date Received: 06/30/2008

Client Site: Essex-Hope
Client Ref.: 41568140.10000

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Volatile Organic Compounds, MS								
Acetone	8260B ⁽¹⁾	<10	10	ug/l	MAK	07/08/2008	0074690-1	<10
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	MAK	07/08/2008	0074690-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	07/08/2008	0074690-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	5.9	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	07/08/2008	0074690-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	07/08/2008	0074690-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0

(Continued)

REPORT OF LABORATORY ANALYSIS

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Lab Sample ID: 0806-4743

Client Sample ID: RW-2S

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
Trichloroethene	8260B ⁽¹⁾	7.4	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	<2.0	2.0	ug/l	MAK	07/08/2008	0074690-1	<2.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
m,p-Xylenes	8260B ⁽¹⁾	18	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0

⁽¹⁾ U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis.

REPORT OF LABORATORY ANALYSIS

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Mr. Mark Dowiak
URS Corporation
Construction Services Division
Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

Lab Project ID: 08-4860
Lab Sample ID: 0806-4744
Client Sample ID: RW-2D
Sample Matrix: Aqueous

Date Sampled: 06/27/2008
Date Received: 06/30/2008

Client Site: Essex-Hope
Client Ref.: 41568140.10000

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Volatile Organic Compounds, MS								
Acetone	8260B ⁽¹⁾	<10	10	ug/l	MAK	07/08/2008	0074690-1	<10
Benzene	8260B ⁽¹⁾	8.2	1.0	ug/l	MAK	07/08/2008	0074690-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	07/08/2008	0074690-1	<10
Carbon Disulfide	8260B ⁽¹⁾	62	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	31	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	6300	40	ug/l	MAK	07/08/2008	0074690-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	64	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	07/08/2008	0074690-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	07/08/2008	0074690-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0

(Continued)

REPORT OF LABORATORY ANALYSIS

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Lab Sample ID: 0806-4744

Client Sample ID: RW-2D

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
Trichloroethene	8260B ⁽¹⁾	1200	40	ug/l	MAK	07/08/2008	0074690-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	810	80	ug/l	MAK	07/08/2008	0074690-1	<2.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
m,p-Xylenes	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0

⁽¹⁾ U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis.

REPORT OF LABORATORY ANALYSIS

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Mr. Mark Dowiak
URS Corporation
Construction Services Division
Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

Lab Project ID: 08-4860
Lab Sample ID: 0806-4745
Client Sample ID: RW-3S
Sample Matrix: Aqueous

Date Sampled: 06/27/2008
Date Received: 06/30/2008

Client Site: Essex-Hope
Client Ref.: 41568140.10000

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Volatile Organic Compounds, MS								
Acetone	8260B ⁽¹⁾	<10	10	ug/l	MAK	07/08/2008	0074690-1	<10
Benzene	8260B ⁽¹⁾	49	1.0	ug/l	MAK	07/08/2008	0074690-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	07/08/2008	0074690-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
Cumene	8260B ⁽¹⁾	11	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	12	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	07/08/2008	0074690-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	07/08/2008	0074690-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0

(Continued)

REPORT OF LABORATORY ANALYSIS

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Lab Sample ID: 0806-4745
Client Sample ID: RW-3S

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
Trichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	<2.0	2.0	ug/l	MAK	07/08/2008	0074690-1	<2.0
o-Xylene	8260B ⁽¹⁾	5.6	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
m,p-Xylenes	8260B ⁽¹⁾	5.7	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0

⁽¹⁾ U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis.

REPORT OF LABORATORY ANALYSIS

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Mr. Mark Dowiak
URS Corporation
Construction Services Division
Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

Lab Project ID: 08-4860
Lab Sample ID: 0806-4746
Client Sample ID: Trip Blank
Sample Matrix: Aqueous

Date Sampled: 06/27/2008
Date Received: 06/30/2008

Client Site: Essex-Hope
Client Ref.: 41568140.10000

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Volatile Organic Compounds, MS								
Acetone	8260B ⁽¹⁾	<10	10	ug/l	MAK	07/08/2008	0074690-1	<10
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	MAK	07/08/2008	0074690-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	07/08/2008	0074690-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	07/08/2008	0074690-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	07/08/2008	0074690-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0

(Continued)

REPORT OF LABORATORY ANALYSIS

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Lab Sample ID: 0806-4746
Client Sample ID: Trip Blank

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
Trichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	<2.0	2.0	ug/l	MAK	07/08/2008	0074690-1	<2.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
m,p-Xylenes	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0

⁽¹⁾ U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis.

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Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:		Report To:		Attention:	
Address:		Copy To:		Company Name:	
				Address:	
Email To:		Purchase Order No.		Pace Quote Reference:	
Phone:		Project Name:		Pace Project Manager:	
Fax:		Project Number:		Pace Profile #:	
Requested Due Date/TAT:					
REGULATORY AGENCY ☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER ☐ UST ☐ RCRA ☐ OTHER _____					
				Site Location	
				STATE:	

[illegible]

2 100400	SAMPLER NAME AND SIGNATURE		Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
	PRINT Name of SAMPLER:	SIGNATURE of SAMPLER:				
	DATE Signed (MM/DD/YYYY):	10/25/2020				

January 31, 2008

Mr. Mark Dowiak
URS Corporation
Construction Services Division
Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

Dear Mr. Dowiak:

Enclosed are analytical results for samples submitted to Pace Analytical by URS Corporation. The samples were received on January 17, 2008. The results reported in this project meet the requirements as specified in Chapter 5 of the NELAC Standards. Any deviations or discrepancies from the NELAC standards are documented in the case narrative(s) of this report. Parameters printed in italics represent Non-NELAC accredited parameters. Please reference Pace project number 08-0494 when inquiring about this report.

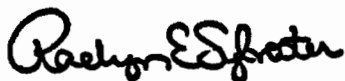
Client Site: Essex-Hope
Client Ref.: 41568140.10000

Pace Sample Identification	Client Sample Identification
0801-2216	Pre-Carb
0801-2217	Primary Eff
0801-2218	Post-Carb
0801-2222	TB-01

General Comments: Cooler temperature 3 ° C upon receipt. Ice was present.

Please call me if you have any questions regarding the information contained within this report.

Sincerely,



Raelyn E. Sylvester
Project Manager

REC: jld

Enclosures

Page 1 of 10

REPORT OF LABORATORY ANALYSIS

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Mr. Mark Dowiak
URS Corporation
Construction Services Division
Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

Lab Project ID: 08-0494
Lab Sample ID: 0801-2216
Client Sample ID: Pre-Carb
Sample Matrix: Aqueous

Date Sampled: 01/16/2008
Date Received: 01/17/2008

Client Site: Essex-Hope
Client Ref.: 41568140.10000

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Volatile Organic Compounds, MS								
Acetone	8260B ⁽¹⁾	<10	10	ug/l	DRD	01/21/2008	0069846-1	<10
Benzene	8260B ⁽¹⁾	2.1	1.0	ug/l	DRD	01/21/2008	0069846-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	01/21/2008	0069846-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	01/21/2008	0069846-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	01/21/2008	0069846-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	DRD	01/21/2008	0069846-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	01/21/2008	0069846-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	01/21/2008	0069846-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	01/21/2008	0069846-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	01/21/2008	0069846-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	01/21/2008	0069846-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	01/21/2008	0069846-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	01/21/2008	0069846-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	01/21/2008	0069846-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	01/21/2008	0069846-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	01/21/2008	0069846-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	01/21/2008	0069846-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	01/21/2008	0069846-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	01/21/2008	0069846-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	01/21/2008	0069846-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	1300	20	ug/l	DRD	01/21/2008	0069846-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	7.6	5.0	ug/l	DRD	01/21/2008	0069846-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	01/21/2008	0069846-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	01/21/2008	0069846-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	01/21/2008	0069846-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	01/21/2008	0069846-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	DRD	01/21/2008	0069846-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	DRD	01/21/2008	0069846-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	01/21/2008	0069846-1	<5.0

(Continued)

REPORT OF LABORATORY ANALYSIS

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Lab Sample ID: 0801-2216
Client Sample ID: Pre-Carb

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	01/21/2008	0069846-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	01/21/2008	0069846-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	01/21/2008	0069846-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	01/21/2008	0069846-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	01/21/2008	0069846-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	01/21/2008	0069846-1	<5.0
Trichloroethene	8260B ⁽¹⁾	420	20	ug/l	DRD	01/21/2008	0069846-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	01/21/2008	0069846-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	220	2.0	ug/l	DRD	01/21/2008	0069846-1	<2.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	01/21/2008	0069846-1	<5.0
m,p-Xylenes	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	01/21/2008	0069846-1	<5.0

⁽¹⁾ U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis.

REPORT OF LABORATORY ANALYSIS

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Mr. Mark Dowiak
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Construction Services Division
Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

Lab Project ID: 08-0494
Lab Sample ID: 0801-2217
Client Sample ID: Primary Eff
Sample Matrix: Aqueous

Date Sampled: 01/16/2008
Date Received: 01/17/2008

Client Site: Essex-Hope
Client Ref.: 41568140.10000

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Volatile Organic Compounds, MS								
Acetone	8260B ⁽¹⁾	<10	10	ug/l	DRD	01/21/2008	0069846-1	<10
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	DRD	01/21/2008	0069846-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	01/21/2008	0069846-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	01/21/2008	0069846-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	01/21/2008	0069846-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	DRD	01/21/2008	0069846-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	01/21/2008	0069846-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	01/21/2008	0069846-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	01/21/2008	0069846-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	01/21/2008	0069846-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	01/21/2008	0069846-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	01/21/2008	0069846-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	01/21/2008	0069846-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	01/21/2008	0069846-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	01/21/2008	0069846-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	01/21/2008	0069846-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	01/21/2008	0069846-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	01/21/2008	0069846-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	01/21/2008	0069846-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	7.7	5.0	ug/l	DRD	01/21/2008	0069846-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	2600	20	ug/l	DRD	01/21/2008	0069846-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	17	5.0	ug/l	DRD	01/21/2008	0069846-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	01/21/2008	0069846-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	01/21/2008	0069846-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	01/21/2008	0069846-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	01/21/2008	0069846-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	DRD	01/21/2008	0069846-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	DRD	01/21/2008	0069846-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	01/21/2008	0069846-1	<5.0

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Lab Sample ID: 0801-2217
Client Sample ID: Primary Eff

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	01/21/2008	0069846-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	01/21/2008	0069846-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	01/21/2008	0069846-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	01/21/2008	0069846-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	01/21/2008	0069846-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	01/21/2008	0069846-1	<5.0
Trichloroethene	8260B ⁽¹⁾	44	5.0	ug/l	DRD	01/21/2008	0069846-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	01/21/2008	0069846-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	140	2.0	ug/l	DRD	01/21/2008	0069846-1	<2.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	01/21/2008	0069846-1	<5.0
m,p-Xylenes	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	01/21/2008	0069846-1	<5.0

⁽¹⁾ U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis.

REPORT OF LABORATORY ANALYSIS

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Construction Services Division
Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

Lab Project ID: 08-0494
Lab Sample ID: 0801-2218
Client Sample ID: Post-Carb
Sample Matrix: Aqueous

Date Sampled: 01/16/2008
Date Received: 01/17/2008

Client Site: Essex-Hope
Client Ref.: 41568140.10000

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Volatile Organic Compounds, MS								
Acetone	8260B ⁽¹⁾	<10	10	ug/l	DRD	01/21/2008	0069846-1	<10
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	DRD	01/21/2008	0069846-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	01/21/2008	0069846-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	01/21/2008	0069846-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	01/21/2008	0069846-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	DRD	01/21/2008	0069846-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	01/21/2008	0069846-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	01/21/2008	0069846-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	01/21/2008	0069846-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	01/21/2008	0069846-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	01/21/2008	0069846-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	01/21/2008	0069846-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	01/21/2008	0069846-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	01/21/2008	0069846-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	01/21/2008	0069846-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	01/21/2008	0069846-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	01/21/2008	0069846-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	01/21/2008	0069846-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	01/21/2008	0069846-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	01/21/2008	0069846-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	170	5.0	ug/l	DRD	01/21/2008	0069846-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	01/21/2008	0069846-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	01/21/2008	0069846-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	01/21/2008	0069846-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	01/21/2008	0069846-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	01/21/2008	0069846-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	DRD	01/21/2008	0069846-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	DRD	01/21/2008	0069846-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	01/21/2008	0069846-1	<5.0

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Lab Sample ID: 0801-2218
Client Sample ID: Post-Carb

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	01/21/2008	0069846-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	01/21/2008	0069846-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	01/21/2008	0069846-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	01/21/2008	0069846-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	01/21/2008	0069846-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	01/21/2008	0069846-1	<5.0
Trichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	01/21/2008	0069846-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	01/21/2008	0069846-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	460	20	ug/l	DRD	01/21/2008	0069846-1	<2.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	01/21/2008	0069846-1	<5.0
m,p-Xylenes	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	01/21/2008	0069846-1	<5.0

⁽¹⁾ U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis. Sample 0810-2218 was composited from 4 samples prior to analysis.

REPORT OF LABORATORY ANALYSIS

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Lab Project ID: 08-0494
Lab Sample ID: 0801-2222
Client Sample ID: TB-01
Sample Matrix: Aqueous

Date Sampled: 01/16/2008
Date Received: 01/17/2008

Client Site: Essex-Hope
Client Ref.: 41568140.10000

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Volatile Organic Compounds, MS								
Acetone	8260B ⁽¹⁾	<10	10	ug/l	DRD	01/21/2008	0069846-1	<10
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	DRD	01/21/2008	0069846-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	01/21/2008	0069846-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	01/21/2008	0069846-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	01/21/2008	0069846-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	DRD	01/21/2008	0069846-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	01/21/2008	0069846-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	01/21/2008	0069846-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	01/21/2008	0069846-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	01/21/2008	0069846-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	01/21/2008	0069846-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	01/21/2008	0069846-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	01/21/2008	0069846-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	01/21/2008	0069846-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	01/21/2008	0069846-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	01/21/2008	0069846-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	01/21/2008	0069846-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	01/21/2008	0069846-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	01/21/2008	0069846-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	01/21/2008	0069846-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	01/21/2008	0069846-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	01/21/2008	0069846-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	01/21/2008	0069846-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	01/21/2008	0069846-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	01/21/2008	0069846-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	01/21/2008	0069846-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	DRD	01/21/2008	0069846-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	DRD	01/21/2008	0069846-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	01/21/2008	0069846-1	<5.0

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Lab Sample ID: 0801-2222

Client Sample ID: TB-01

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	01/21/2008	0069846-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	01/21/2008	0069846-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	01/21/2008	0069846-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	01/21/2008	0069846-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	01/21/2008	0069846-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	01/21/2008	0069846-1	<5.0
Trichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	01/21/2008	0069846-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	01/21/2008	0069846-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	<2.0	2.0	ug/l	DRD	01/21/2008	0069846-1	<2.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	01/21/2008	0069846-1	<5.0
m,p-Xylenes	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	01/21/2008	0069846-1	<5.0

⁽¹⁾ U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis.

REPORT OF LABORATORY ANALYSIS

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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Section A Required Client Information: Company: <u>URS Corp</u> Address: <u>10000 Old Springhouse Rd, Suite 1000</u> Email To: <u>URS Corp</u> Phone: <u>703-241-1000</u> Fax: <u>703-241-1000</u> Requested Due Date/TAT: <u>10/25/2007</u>		Section B Required Project Information: Report To: <u>URS Corp</u> Copy To: <u>Valerie D. 10000</u> Purchase Order No.: <u>45678910</u> Project Name: <u>ES&C/URS/URS</u> Project Number: <u>URS/URS/URS</u>		Section C Invoice Information: Attention: Company Name: Address: Pace Quote Reference: Pace Project Manager: Pace Profile #:		Page: <u>1</u> of <u>1</u> REGISTRY AGENCY NPDES ☐ GROUND WATER ☐ DRINKING WATER ☐ UST ☐ RCRA ☐ OTHER ☐ Site Location: <u>NY</u> STATE: <u>NY</u>	
---	--	---	--	--	--	--	--

ITEM #	Section D Required Client Information	Matrix Codes MATRIX / CODE Drinking Water DW Waste Water WT Product Water PW Soil/Solid SL Oil OL Wipe WIP Air AR Tissue TS Other OT	COLLECTED		SAMPLE TYPE (G=GRAB C=COMP) (see valid codes to left)	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS	Temp in °C	Received on Ice (Y/N)	Sealed Cooler (Y/N)	Samples Intact (Y/N)
			COMPOSITE START	COMPOSITE END/GRAB												
1	URS Corp	Drinking Water DW	DATE	TIME	GRAB	URS Corp	10/25/2007	10:00	URS Corp	10/25/2007	10:00	Room Temp				
2	URS Corp	Drinking Water DW	DATE	TIME	GRAB	URS Corp	10/25/2007	11:00	URS Corp	10/25/2007	11:00	Room Temp				
3	URS Corp	Drinking Water DW	DATE	TIME	GRAB	URS Corp	10/25/2007	12:00	URS Corp	10/25/2007	12:00	Room Temp				
4	URS Corp	Drinking Water DW	DATE	TIME	GRAB	URS Corp	10/25/2007	13:00	URS Corp	10/25/2007	13:00	Room Temp				
5	URS Corp	Drinking Water DW	DATE	TIME	GRAB	URS Corp	10/25/2007	14:00	URS Corp	10/25/2007	14:00	Room Temp				
6	URS Corp	Drinking Water DW	DATE	TIME	GRAB	URS Corp	10/25/2007	15:00	URS Corp	10/25/2007	15:00	Room Temp				
7	URS Corp	Drinking Water DW	DATE	TIME	GRAB	URS Corp	10/25/2007	16:00	URS Corp	10/25/2007	16:00	Room Temp				
8																
9																
10																
11																
12																

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Valerie D. 10000

SIGNATURE of SAMPLER: [Signature]

DATE Signed (MM/DD/YY): 10/25/2007

March 14, 2008

Mr. Mark Dowiak
URS Corporation
Construction Services Division
Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

Dear Mr. Dowiak:

Enclosed are analytical results for samples submitted to Pace Analytical by URS Corporation. The samples were received on February 29, 2008. The results reported in this project meet the requirements as specified in Chapter 5 of the NELAC Standards. Any deviations or discrepancies from the NELAC standards are documented in the case narrative(s) of this report. Parameters printed in italics represent Non-NELAC accredited parameters. Please reference Pace project number 08-1523 when inquiring about this report.

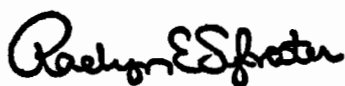
Client Site: Essex-Hope
Client Ref.: 41568140.10000

Pace Sample Identification	Client Sample Identification
0802-4051	Pre-Carb
0802-4052	Primary Effluent
0802-4053	Post-Carb
0802-4054	TB-01

General Comments: Cooler temperature 3.2 ° C upon receipt. Ice was present.

Please call me if you have any questions regarding the information contained within this report.

Sincerely,



Raelyn E. Sylvester
Project Manager

REC: jld

Enclosures

Page 1 of 10

REPORT OF LABORATORY ANALYSIS

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Mr. Mark Dowiak
URS Corporation
Construction Services Division
Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

Lab Project ID: 08-1523
Lab Sample ID: 0802-4051
Client Sample ID: Pre-Carb
Sample Matrix: Aqueous

Date Sampled: 02/28/2008
Date Received: 02/29/2008

Client Site: Essex-Hope
Client Ref.: 41568140.10000

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Volatile Organic Compounds, MS								
Acetone	8260B ⁽¹⁾	<10	10	ug/l	EAC	03/04/2008	0071155-1	<10
Benzene	8260B ⁽¹⁾	4.8	1.0	ug/l	EAC	03/04/2008	0071155-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	03/04/2008	0071155-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	03/04/2008	0071155-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	03/04/2008	0071155-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	EAC	03/04/2008	0071155-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	03/04/2008	0071155-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	03/04/2008	0071155-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	03/04/2008	0071155-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	03/04/2008	0071155-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	03/04/2008	0071155-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	03/04/2008	0071155-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	03/04/2008	0071155-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	03/04/2008	0071155-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	03/04/2008	0071155-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	03/04/2008	0071155-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	03/04/2008	0071155-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	03/04/2008	0071155-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	03/04/2008	0071155-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	13	5.0	ug/l	EAC	03/04/2008	0071155-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	2900	40	ug/l	EAC	03/05/2008	0071252-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	16	5.0	ug/l	EAC	03/04/2008	0071155-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	03/04/2008	0071155-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	03/04/2008	0071155-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	03/04/2008	0071155-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	03/04/2008	0071155-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	EAC	03/04/2008	0071155-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	EAC	03/04/2008	0071155-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	03/04/2008	0071155-1	<5.0

(Continued)

REPORT OF LABORATORY ANALYSIS

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Lab Sample ID: 0802-4051
Client Sample ID: Pre-Carb

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	03/04/2008	0071155-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	03/04/2008	0071155-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	03/04/2008	0071155-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	03/04/2008	0071155-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	03/04/2008	0071155-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	03/04/2008	0071155-1	<5.0
Trichloroethene	8260B ⁽¹⁾	1400	40	ug/l	EAC	03/05/2008	0071252-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	03/04/2008	0071155-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	490	80	ug/l	EAC	03/05/2008	0071252-1	<2.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	03/04/2008	0071155-1	<5.0
m,p-Xylenes	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	03/04/2008	0071155-1	<5.0

⁽¹⁾ U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis.

REPORT OF LABORATORY ANALYSIS

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Mr. Mark Dowiak
URS Corporation
Construction Services Division
Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

Lab Project ID: 08-1523
Lab Sample ID: 0802-4052
Client Sample ID: Primary Effluent
Sample Matrix: Aqueous

Date Sampled: 02/28/2008

Date Received: 02/29/2008

Client Site: Essex-Hope
Client Ref.: 41568140.10000

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Volatile Organic Compounds, MS								
Acetone	8260B ⁽¹⁾	<10	10	ug/l	EAC	03/04/2008	0071155-1	<10
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	EAC	03/04/2008	0071155-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	03/04/2008	0071155-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	03/04/2008	0071155-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	03/04/2008	0071155-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	EAC	03/04/2008	0071155-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	03/04/2008	0071155-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	03/04/2008	0071155-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	03/04/2008	0071155-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	03/04/2008	0071155-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	03/04/2008	0071155-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	03/04/2008	0071155-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	03/04/2008	0071155-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	03/04/2008	0071155-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	03/04/2008	0071155-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	03/04/2008	0071155-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	03/04/2008	0071155-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	03/04/2008	0071155-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	03/04/2008	0071155-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	11	5.0	ug/l	EAC	03/04/2008	0071155-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	3300	40	ug/l	EAC	03/05/2008	0071252-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	10	5.0	ug/l	EAC	03/04/2008	0071155-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	03/04/2008	0071155-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	03/04/2008	0071155-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	03/04/2008	0071155-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	03/04/2008	0071155-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	EAC	03/04/2008	0071155-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	EAC	03/04/2008	0071155-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	03/04/2008	0071155-1	<5.0

(Continued)

REPORT OF LABORATORY ANALYSIS

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Lab Sample ID: 0802-4052
Client Sample ID: Primary Effluent

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	03/04/2008	0071155-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	03/04/2008	0071155-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	03/04/2008	0071155-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	03/04/2008	0071155-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	03/04/2008	0071155-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	03/04/2008	0071155-1	<5.0
Trichloroethene	8260B ⁽¹⁾	100	5.0	ug/l	EAC	03/04/2008	0071155-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	03/04/2008	0071155-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	460	80	ug/l	EAC	03/05/2008	0071252-1	<2.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	03/04/2008	0071155-1	<5.0
m,p-Xylenes	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	03/04/2008	0071155-1	<5.0

⁽¹⁾ U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis.

REPORT OF LABORATORY ANALYSIS

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Mr. Mark Dowiak
URS Corporation
Construction Services Division
Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

Client Site: Essex-Hope
Client Ref.: 41568140.10000

Pace Analytical Services, Inc.
5203 Triangle Lane
Export, PA 15632
Phone: 724.733.1161
Fax: 724.327.7793

Lab Project ID: 08-1523
Lab Sample ID: 0802-4053
Client Sample ID: Post-Carb
Sample Matrix: Aqueous

Date Sampled: 02/28/2008
Date Received: 02/29/2008

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Volatile Organic Compounds, MS								
Acetone	8260B ⁽¹⁾	<10	10	ug/l	EAC	03/04/2008	0071155-1	<10
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	EAC	03/04/2008	0071155-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	03/04/2008	0071155-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	03/04/2008	0071155-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	03/04/2008	0071155-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	EAC	03/04/2008	0071155-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	03/04/2008	0071155-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	03/04/2008	0071155-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	03/04/2008	0071155-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	03/04/2008	0071155-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	03/04/2008	0071155-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	03/04/2008	0071155-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	03/04/2008	0071155-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	03/04/2008	0071155-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	03/04/2008	0071155-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	03/04/2008	0071155-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	03/04/2008	0071155-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	03/04/2008	0071155-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	03/04/2008	0071155-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	03/04/2008	0071155-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	340	5.0	ug/l	EAC	03/04/2008	0071155-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	03/04/2008	0071155-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	03/04/2008	0071155-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	03/04/2008	0071155-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	03/04/2008	0071155-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	03/04/2008	0071155-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	EAC	03/04/2008	0071155-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	EAC	03/04/2008	0071155-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	03/04/2008	0071155-1	<5.0

(Continued)

REPORT OF LABORATORY ANALYSIS

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Lab Sample ID: 0802-4053
Client Sample ID: Post-Carb

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	03/04/2008	0071155-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	03/04/2008	0071155-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	03/04/2008	0071155-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	03/04/2008	0071155-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	03/04/2008	0071155-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	03/04/2008	0071155-1	<5.0
Trichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	03/04/2008	0071155-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	03/04/2008	0071155-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	410	2.0	ug/l	EAC	03/04/2008	0071155-1	<2.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	03/04/2008	0071155-1	<5.0
m,p-Xylenes	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	03/04/2008	0071155-1	<5.0

⁽¹⁾ U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis. Sample 0802-4053 was composited from 4 samples prior to analysis.

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Mr. Mark Dowiak
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Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

Lab Project ID: 08-1523
Lab Sample ID: 0802-4054
Client Sample ID: TB-01
Sample Matrix: Aqueous

Date Sampled: 02/28/2008
Date Received: 02/29/2008

Client Site: Essex-Hope
Client Ref.: 41568140.10000

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Volatile Organic Compounds, MS								
Acetone	8260B ⁽¹⁾	<10	10	ug/l	EAC	03/04/2008	0071155-1	<10
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	EAC	03/04/2008	0071155-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	03/04/2008	0071155-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	03/04/2008	0071155-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	03/04/2008	0071155-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	EAC	03/04/2008	0071155-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	03/04/2008	0071155-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	03/04/2008	0071155-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	03/04/2008	0071155-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	03/04/2008	0071155-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	03/04/2008	0071155-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	03/04/2008	0071155-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	03/04/2008	0071155-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	03/04/2008	0071155-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	03/04/2008	0071155-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	03/04/2008	0071155-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	03/04/2008	0071155-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	03/04/2008	0071155-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	03/04/2008	0071155-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	03/04/2008	0071155-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	03/04/2008	0071155-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	03/04/2008	0071155-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	03/04/2008	0071155-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	03/04/2008	0071155-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	03/04/2008	0071155-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	03/04/2008	0071155-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	EAC	03/04/2008	0071155-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	EAC	03/04/2008	0071155-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	03/04/2008	0071155-1	<5.0

(Continued)

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Lab Sample ID: 0802-4054
Client Sample ID: TB-01

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	03/04/2008	0071155-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	03/04/2008	0071155-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	03/04/2008	0071155-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	03/04/2008	0071155-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	03/04/2008	0071155-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	03/04/2008	0071155-1	<5.0
Trichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	03/04/2008	0071155-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	03/04/2008	0071155-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	<2.0	2.0	ug/l	EAC	03/04/2008	0071155-1	<2.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	03/04/2008	0071155-1	<5.0
m,p-Xylenes	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	03/04/2008	0071155-1	<5.0

⁽¹⁾ U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis.

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April 7, 2008

Mr. Mark Dowiak
URS Corporation
Construction Services Division
Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

Dear Mr. Dowiak:

Enclosed are analytical results for samples submitted to Pace Analytical by URS Corporation. The samples were received on March 26, 2008. The results reported in this project meet the requirements as specified in Chapter 5 of the NELAC Standards. Any deviations or discrepancies from the NELAC standards are documented in the case narrative(s) of this report. Parameters printed in italics represent Non-NELAC accredited parameters. Please reference Pace project number 08-2343 when inquiring about this report.

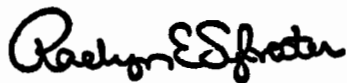
Client Site: Essex-Hope
Client Ref.: 41568140.10000

Pace Sample Identification	Client Sample Identification
0803-4401	Pre-Carb
0803-4402	Primary Effluent
0803-4403	Post Carb
0803-4404	TB-01

General Comments: Cooler temperature 3.1° C upon receipt. Ice was present.

Please call me if you have any questions regarding the information contained within this report.

Sincerely,



Raelyn E. Sylvester
Project Manager

REC: jld

Enclosures

Page 1 of 10

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
5203 Triangle Lane
Export, PA 15632
Phone: 724.733.1161
Fax: 724.327.7793

Lab Project ID: 08-2343
Lab Sample ID: 0803-4401
Client Sample ID: Pre-Carb
Sample Matrix: Aqueous

Date Sampled: 03/25/2008
Date Received: 03/26/2008

Client Site: Essex-Hope
Client Ref.: 41568140.10000

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Volatile Organic Compounds, MS								
Acetone	8260B ⁽¹⁾	<10	10	ug/l	MAK	04/04/2008	0072244-1	<10
Benzene	8260B ⁽¹⁾	4.9	1.0	ug/l	MAK	04/04/2008	0072244-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/04/2008	0072244-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/04/2008	0072244-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/04/2008	0072244-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	04/04/2008	0072244-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/04/2008	0072244-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/04/2008	0072244-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/04/2008	0072244-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/04/2008	0072244-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/04/2008	0072244-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/04/2008	0072244-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/04/2008	0072244-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/04/2008	0072244-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/04/2008	0072244-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/04/2008	0072244-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/04/2008	0072244-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/04/2008	0072244-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/04/2008	0072244-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	11	5.0	ug/l	MAK	04/04/2008	0072244-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	2900	40	ug/l	MAK	04/04/2008	0072244-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	15	5.0	ug/l	MAK	04/04/2008	0072244-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/04/2008	0072244-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/04/2008	0072244-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/04/2008	0072244-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/04/2008	0072244-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	04/04/2008	0072244-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	04/04/2008	0072244-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/04/2008	0072244-1	<5.0

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Lab Sample ID: 0803-4401
Client Sample ID: Pre-Carb

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/04/2008	0072244-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/04/2008	0072244-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/04/2008	0072244-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/04/2008	0072244-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/04/2008	0072244-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/04/2008	0072244-1	<5.0
Trichloroethene	8260B ⁽¹⁾	1300	40	ug/l	MAK	04/04/2008	0072244-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/04/2008	0072244-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	430	80	ug/l	MAK	04/04/2008	0072244-1	<2.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/04/2008	0072244-1	<5.0
m,p-Xylenes	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/04/2008	0072244-1	<5.0

⁽¹⁾ U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis.

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5203 Triangle Lane
Export, PA 15632
Phone: 724.733.1161
Fax: 724.327.7793

Lab Project ID: 08-2343
Lab Sample ID: 0803-4402
Client Sample ID: Primary Effluent
Sample Matrix: Aqueous

Date Sampled: 03/25/2008
Date Received: 03/26/2008

Client Site: Essex-Hope
Client Ref.: 41568140.10000

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Volatile Organic Compounds, MS								
Acetone	8260B ⁽¹⁾	<10	10	ug/l	MAK	04/04/2008	0072244-1	<10
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	MAK	04/04/2008	0072244-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/04/2008	0072244-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/04/2008	0072244-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/04/2008	0072244-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	04/04/2008	0072244-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/04/2008	0072244-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/04/2008	0072244-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/04/2008	0072244-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/04/2008	0072244-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/04/2008	0072244-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/04/2008	0072244-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/04/2008	0072244-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/04/2008	0072244-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/04/2008	0072244-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/04/2008	0072244-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/04/2008	0072244-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/04/2008	0072244-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/04/2008	0072244-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	11	5.0	ug/l	MAK	04/04/2008	0072244-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	3300	40	ug/l	MAK	04/04/2008	0072244-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	11	5.0	ug/l	MAK	04/04/2008	0072244-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/04/2008	0072244-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/04/2008	0072244-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/04/2008	0072244-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/04/2008	0072244-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	04/04/2008	0072244-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	04/04/2008	0072244-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/04/2008	0072244-1	<5.0

(Continued)

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Lab Sample ID: 0803-4402
Client Sample ID: Primary Effluent

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/04/2008	0072244-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/04/2008	0072244-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/04/2008	0072244-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/04/2008	0072244-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/04/2008	0072244-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/04/2008	0072244-1	<5.0
Trichloroethene	8260B ⁽¹⁾	210	5.0	ug/l	MAK	04/04/2008	0072244-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/04/2008	0072244-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	400	80	ug/l	MAK	04/04/2008	0072244-1	<2.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/04/2008	0072244-1	<5.0
m,p-Xylenes	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/04/2008	0072244-1	<5.0

⁽¹⁾ U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis.

REPORT OF LABORATORY ANALYSIS

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Mr. Mark Dowiak
URS Corporation
Construction Services Division
Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

Pace Analytical Services, Inc.
5203 Triangle Lane
Export, PA 15632
Phone: 724.733.1161
Fax: 724.327.7793

Lab Project ID: 08-2343
Lab Sample ID: 0803-4403
Client Sample ID: Post Carb
Sample Matrix: Aqueous

Date Sampled: 03/25/2008
Date Received: 03/26/2008

Client Site: Essex-Hope
Client Ref.: 41568140.10000

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Volatile Organic Compounds, MS								
Acetone	8260B ⁽¹⁾	<10	10	ug/l	MAK	04/04/2008	0072244-1	<10
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	MAK	04/04/2008	0072244-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/04/2008	0072244-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/04/2008	0072244-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/04/2008	0072244-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	04/04/2008	0072244-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/04/2008	0072244-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/04/2008	0072244-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/04/2008	0072244-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/04/2008	0072244-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/04/2008	0072244-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/04/2008	0072244-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/04/2008	0072244-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/04/2008	0072244-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/04/2008	0072244-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/04/2008	0072244-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/04/2008	0072244-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/04/2008	0072244-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/04/2008	0072244-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/04/2008	0072244-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	1000	50	ug/l	MAK	04/04/2008	0072244-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/04/2008	0072244-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/04/2008	0072244-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/04/2008	0072244-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/04/2008	0072244-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/04/2008	0072244-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	04/04/2008	0072244-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	04/04/2008	0072244-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/04/2008	0072244-1	<5.0

(Continued)

REPORT OF LABORATORY ANALYSIS

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Lab Sample ID: 0803-4403
Client Sample ID: Post Carb

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/04/2008	0072244-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/04/2008	0072244-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/04/2008	0072244-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/04/2008	0072244-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/04/2008	0072244-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/04/2008	0072244-1	<5.0
Trichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/04/2008	0072244-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/04/2008	0072244-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	490	100	ug/l	MAK	04/04/2008	0072244-1	<2.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/04/2008	0072244-1	<5.0
m,p-Xylenes	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/04/2008	0072244-1	<5.0

⁽¹⁾ U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis. Sample 0803-4403 was composited from 4 samples prior to analysis.

REPORT OF LABORATORY ANALYSIS

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Mr. Mark Dowiak
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Construction Services Division
Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

Client Site: Essex-Hope
Client Ref.: 41568140.10000

Pace Analytical Services, Inc.
5203 Triangle Lane
Export, PA 15632
Phone: 724.733.1161
Fax: 724.327.7793

Lab Project ID: 08-2343
Lab Sample ID: 0803-4404
Client Sample ID: TB-01
Sample Matrix: Aqueous

Date Sampled: 03/25/2008
Date Received: 03/26/2008

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Volatile Organic Compounds, MS								
Acetone	8260B ⁽¹⁾	<10	10	ug/l	MAK	04/04/2008	0072244-1	<10
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	MAK	04/04/2008	0072244-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/04/2008	0072244-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/04/2008	0072244-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/04/2008	0072244-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	04/04/2008	0072244-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/04/2008	0072244-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/04/2008	0072244-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/04/2008	0072244-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/04/2008	0072244-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/04/2008	0072244-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/04/2008	0072244-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/04/2008	0072244-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/04/2008	0072244-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/04/2008	0072244-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/04/2008	0072244-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/04/2008	0072244-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/04/2008	0072244-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/04/2008	0072244-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/04/2008	0072244-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/04/2008	0072244-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/04/2008	0072244-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/04/2008	0072244-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/04/2008	0072244-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/04/2008	0072244-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/04/2008	0072244-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	04/04/2008	0072244-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	04/04/2008	0072244-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/04/2008	0072244-1	<5.0

(Continued)

REPORT OF LABORATORY ANALYSIS

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Lab Sample ID: 0803-4404
Client Sample ID: TB-01

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/04/2008	0072244-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/04/2008	0072244-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/04/2008	0072244-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/04/2008	0072244-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/04/2008	0072244-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/04/2008	0072244-1	<5.0
Trichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/04/2008	0072244-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/04/2008	0072244-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	<2.0	2.0	ug/l	MAK	04/04/2008	0072244-1	<2.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/04/2008	0072244-1	<5.0
m,p-Xylenes	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/04/2008	0072244-1	<5.0

⁽¹⁾ U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis.

REPORT OF LABORATORY ANALYSIS

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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Section A Required Client Information: Company: <u>URS Corp</u> Address: <u>10000 Old Orchard Road</u> City: <u>Atlanta, GA 30328</u> State: <u>GA</u> Zip: <u>30328</u> Phone: <u>404-262-1100</u> Fax: <u>404-262-1101</u> Email: <u>URS@URS.COM</u> Requested Due Date/TAT: <u>ASAP</u>		Section B Required Project Information: Report To: <u>MARK DOWAL</u> Copy To: <u>VALERIE SLEBD</u> Purchase Order No.: <u>441618140</u> Project Name: <u>2000 HICKORY BLVD</u> Project Number: <u>0000</u>		Section C Invoice Information: Attention: _____ Company Name: _____ Address: _____ Pace Quote Reference: _____ Pace Project Manager: _____ Pace Profile #: _____	
REGULATORY AGENCY NPDES ☐ GROUND WATER ☐ DRINKING WATER ☐ UST ☐ RCRA ☐ OTHER ☐		Site Location: <u>NY</u> STATE: _____		Page: _____ of _____	

ITEM #	Section D Required Client Information	Matrix Codes MATRIX / CODE	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives							Analysis Test ↑	Y/N ↑	Requested Analysis Filtered (Y/N)												Pace Project No. / Lab I.D.
				COMPOSITE START	COMPOSITE END/GRAB			DATE	TIME	DATE	TIME	DATE	TIME	DATE	TIME														
1	Drinking Water	DW	GRAB			1250	1	1250	1250																				1250-1250
2	Waste Water	WW	GRAB			1300	1	1300	1300																				1300-1300
3	Water Product	P	GRAB			1300	1	1300	1300																				1300-1300
4	Soil/Solid	SL	GRAB			1400	1	1400	1400																				1400-1400
5	Oil	OL	GRAB			1400	1	1400	1400																				1400-1400
6	Wipe	WP	GRAB			1400	1	1400	1400																				1400-1400
7	Air	AR	GRAB			1400	1	1400	1400																				1400-1400
8	Tissue	TS	GRAB			1400	1	1400	1400																				1400-1400
9	Other	OT	GRAB			1400	1	1400	1400																				1400-1400
10																													
11																													
12																													

ADDITIONAL COMMENTS Sample 1250-1250: 1250-1250 Sample 1300-1300: 1300-1300 Sample 1400-1400: 1400-1400		RELINQUISHED BY / AFFILIATION VALERIE SLEBD		DATE 12/15/06		TIME 1400		ACCEPTED BY / AFFILIATION VALERIE SLEBD		DATE 12/15/06		TIME 1400		TEMP IN °C 15		Received on 12/15/06		Sealed Cooler 12/15/06		Samples Intact 12/15/06	
SAMPLER NAME AND SIGNATURE VALERIE SLEBD										DATE SIGNED 12/15/06											
PRINT Name of SAMPLER: VALERIE SLEBD										DATE SIGNED 12/15/06											
SIGNATURE of SAMPLER: VALERIE SLEBD										DATE SIGNED 12/15/06											



Pace Analytical Services, Inc.
5203 Triangle Lane
Export, PA 15632
Phone: 724.733.1161
Fax: 724.327.7793

April 30, 2008

Mr. Mark Dowiak
URS Corporation
Construction Services Division
Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

Dear Mr. Dowiak:

Enclosed are analytical results for samples submitted to Pace Analytical by URS Corporation. The samples were received on April 18, 2008. The results reported in this project meet the requirements as specified in Chapter 5 of the NELAC Standards. Any deviations or discrepancies from the NELAC standards are documented in the case narrative(s) of this report. Parameters printed in italics represent Non-NELAC accredited parameters. Please reference Pace project number 08-3003 when inquiring about this report.

Client Site: Essex-Hope
Client Ref.: 41568140.10000

Pace Sample Identification	Client Sample Identification
0804-2926	Pre-Carb
0804-2927	Primary-Eff
0804-2928	Post-Carb
0804-2929	TB-01

General Comments: Cooler temperature 3.1 ° C upon receipt. Ice was present.

Please call me if you have any questions regarding the information contained within this report.

Sincerely,

Raelyn E. Sylvester
Project Manager

REC: jld

Enclosures

Page 1 of 10

REPORT OF LABORATORY ANALYSIS

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Mr. Mark Dowiak
URS Corporation
Construction Services Division
Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

Lab Project ID: 08-3003
Lab Sample ID: 0804-2926
Client Sample ID: Pre-Carb
Sample Matrix: Aqueous

Date Sampled: 04/17/2008
Date Received: 04/18/2008

Client Site: Essex-Hope
Client Ref.: 41568140.10000

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Volatile Organic Compounds, MS								
Acetone	8260B ⁽¹⁾	<10	10	ug/l	MAK	04/29/2008	0073123-1	<10
Benzene	8260B ⁽¹⁾	3.2	1.0	ug/l	MAK	04/29/2008	0073123-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/29/2008	0073123-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/29/2008	0073123-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/29/2008	0073123-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	04/29/2008	0073123-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/29/2008	0073123-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/29/2008	0073123-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/29/2008	0073123-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/29/2008	0073123-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/29/2008	0073123-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/29/2008	0073123-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/29/2008	0073123-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/29/2008	0073123-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/29/2008	0073123-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/29/2008	0073123-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/29/2008	0073123-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/29/2008	0073123-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/29/2008	0073123-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	7.9	5.0	ug/l	MAK	04/29/2008	0073123-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	2200	40	ug/l	MAK	04/29/2008	0073123-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	7.5	5.0	ug/l	MAK	04/29/2008	0073123-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/29/2008	0073123-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/29/2008	0073123-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/29/2008	0073123-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/29/2008	0073123-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	04/29/2008	0073123-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	04/29/2008	0073123-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/29/2008	0073123-1	<5.0

(Continued)

REPORT OF LABORATORY ANALYSIS

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Lab Sample ID: 0804-2926

Client Sample ID: Pre-Carb

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/29/2008	0073123-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/29/2008	0073123-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/29/2008	0073123-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/29/2008	0073123-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/29/2008	0073123-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/29/2008	0073123-1	<5.0
Trichloroethene	8260B ⁽¹⁾	370	5.0	ug/l	MAK	04/29/2008	0073123-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/29/2008	0073123-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	350	2.0	ug/l	MAK	04/29/2008	0073123-1	<2.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/29/2008	0073123-1	<5.0
m,p-Xylenes	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/29/2008	0073123-1	<5.0

⁽¹⁾ U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis.

REPORT OF LABORATORY ANALYSIS

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Mr. Mark Dowiak
URS Corporation
Construction Services Division
Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

Lab Project ID: 08-3003
Lab Sample ID: 0804-2927
Client Sample ID: Primary-Eff
Sample Matrix: Aqueous

Date Sampled: 04/17/2008
Date Received: 04/18/2008

Client Site: Essex-Hope
Client Ref.: 41568140.10000

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Volatile Organic Compounds, MS								
Acetone	8260B ⁽¹⁾	<10	10	ug/l	MAK	04/29/2008	0073123-1	<10
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	MAK	04/29/2008	0073123-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/29/2008	0073123-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/29/2008	0073123-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/29/2008	0073123-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	04/29/2008	0073123-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/29/2008	0073123-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/29/2008	0073123-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/29/2008	0073123-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/29/2008	0073123-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/29/2008	0073123-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/29/2008	0073123-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/29/2008	0073123-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/29/2008	0073123-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/29/2008	0073123-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/29/2008	0073123-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/29/2008	0073123-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/29/2008	0073123-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/29/2008	0073123-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	11	5.0	ug/l	MAK	04/29/2008	0073123-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	3400	40	ug/l	MAK	04/29/2008	0073123-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	9.3	5.0	ug/l	MAK	04/29/2008	0073123-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/29/2008	0073123-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/29/2008	0073123-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/29/2008	0073123-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/29/2008	0073123-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	04/29/2008	0073123-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	04/29/2008	0073123-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/29/2008	0073123-1	<5.0

(Continued)

REPORT OF LABORATORY ANALYSIS

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Lab Sample ID: 0804-2927
Client Sample ID: Primary-Eff

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/29/2008	0073123-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/29/2008	0073123-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/29/2008	0073123-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/29/2008	0073123-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/29/2008	0073123-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/29/2008	0073123-1	<5.0
Trichloroethene	8260B ⁽¹⁾	49	5.0	ug/l	MAK	04/29/2008	0073123-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/29/2008	0073123-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	330	2.0	ug/l	MAK	04/29/2008	0073123-1	<2.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/29/2008	0073123-1	<5.0
m,p-Xylenes	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/29/2008	0073123-1	<5.0

⁽¹⁾ U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis.

REPORT OF LABORATORY ANALYSIS

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Mr. Mark Dowiak
URS Corporation
Construction Services Division
Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

Lab Project ID: 08-3003
Lab Sample ID: 0804-2928
Client Sample ID: Post-Carb
Sample Matrix: Aqueous

Date Sampled: 04/17/2008
Date Received: 04/18/2008

Client Site: Essex-Hope
Client Ref.: 41568140.10000

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Volatile Organic Compounds, MS								
Acetone	8260B ⁽¹⁾	<10	10	ug/l	MAK	04/29/2008	0073123-1	<10
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	MAK	04/29/2008	0073123-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/29/2008	0073123-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/29/2008	0073123-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/29/2008	0073123-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	04/29/2008	0073123-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/29/2008	0073123-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/29/2008	0073123-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/29/2008	0073123-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/29/2008	0073123-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/29/2008	0073123-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/29/2008	0073123-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/29/2008	0073123-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/29/2008	0073123-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/29/2008	0073123-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/29/2008	0073123-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/29/2008	0073123-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/29/2008	0073123-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/29/2008	0073123-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/29/2008	0073123-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	1300	10	ug/l	MAK	04/29/2008	0073123-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/29/2008	0073123-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/29/2008	0073123-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/29/2008	0073123-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/29/2008	0073123-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/29/2008	0073123-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	04/29/2008	0073123-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	04/29/2008	0073123-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/29/2008	0073123-1	<5.0

(Continued)

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Lab Sample ID: 0804-2928

Client Sample ID: Post-Carb

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/29/2008	0073123-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/29/2008	0073123-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/29/2008	0073123-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/29/2008	0073123-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/29/2008	0073123-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/29/2008	0073123-1	<5.0
Trichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/29/2008	0073123-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/29/2008	0073123-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	490	20	ug/l	MAK	04/29/2008	0073123-1	<2.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/29/2008	0073123-1	<5.0
m,p-Xylenes	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/29/2008	0073123-1	<5.0

⁽¹⁾ U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis. Sample 0804-2928 was composited from 4 samples prior to analysis

REPORT OF LABORATORY ANALYSIS

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Mr. Mark Dowiak
URS Corporation
Construction Services Division
Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

Lab Project ID: 08-3003
Lab Sample ID: 0804-2929
Client Sample ID: TB-01
Sample Matrix: Aqueous

Date Sampled: 04/17/2008
Date Received: 04/18/2008

Client Site: Essex-Hope
Client Ref.: 41568140.10000

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Volatile Organic Compounds, MS								
Acetone	8260B ⁽¹⁾	<10	10	ug/l	MAK	04/29/2008	0073123-1	<10
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	MAK	04/29/2008	0073123-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/29/2008	0073123-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/29/2008	0073123-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/29/2008	0073123-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	04/29/2008	0073123-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/29/2008	0073123-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/29/2008	0073123-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/29/2008	0073123-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/29/2008	0073123-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/29/2008	0073123-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/29/2008	0073123-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/29/2008	0073123-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/29/2008	0073123-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/29/2008	0073123-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/29/2008	0073123-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/29/2008	0073123-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/29/2008	0073123-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/29/2008	0073123-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/29/2008	0073123-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	24	5.0	ug/l	MAK	04/29/2008	0073123-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/29/2008	0073123-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/29/2008	0073123-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/29/2008	0073123-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/29/2008	0073123-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/29/2008	0073123-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	04/29/2008	0073123-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	04/29/2008	0073123-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/29/2008	0073123-1	<5.0

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Pace Analytical Services, Inc.

5203 Triangle Lane

Export, PA 15632

Phone: 724.733.1161

Fax: 724.327.7793

Lab Sample ID: 0804-2929

Client Sample ID: TB-01

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/29/2008	0073123-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/29/2008	0073123-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/29/2008	0073123-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/29/2008	0073123-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/29/2008	0073123-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/29/2008	0073123-1	<5.0
Trichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/29/2008	0073123-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/29/2008	0073123-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	<2.0	2.0	ug/l	MAK	04/29/2008	0073123-1	<2.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/29/2008	0073123-1	<5.0
m,p-Xylenes	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	04/29/2008	0073123-1	<5.0

⁽¹⁾ U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis.

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Pace Analytical Services, Inc.
1638 Roseytown Rd
Suites 2, 3 & 4
Greensburg, PA 15601
Phone: 724.850.5600
Fax: 724.850.5601

June 5, 2008

Mr. Mark Dowiak
URS Corporation
Construction Services Division
Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

Dear Mr. Dowiak:

Enclosed are analytical results for samples submitted to Pace Analytical by URS Corporation. The samples were received on May 20, 2008. The results reported in this project meet the requirements as specified in Chapter 5 of the NELAC Standards. Any deviations or discrepancies from the NELAC standards are documented in the case narrative(s) of this report. Parameters printed in italics represent Non-NELAC accredited parameters. Please reference Pace project number 08-3721 when inquiring about this report.

Client Site: Essex-Hope
Client Ref.: 41568140.10000

Pace Sample Identification	Client Sample Identification
0805-2593	Pre-Carb
0805-2594	Primary Effluent
0805-2595	Post-Carb
0805-2596	Trip Blank

General Comments: Cooler temperature 3.4 ° C upon receipt. Ice was present.

Please call me if you have any questions regarding the information contained within this report.

Sincerely,

Raelyn E. Sylvester
Project Manager

REC: jld

Enclosures

Page 1 of 10

REPORT OF LABORATORY ANALYSIS

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Mr. Mark Dowiak
URS Corporation
Construction Services Division
Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

Client Site: Essex-Hope
Client Ref.: 41568140.10000

Pace Analytical Services, Inc.
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Phone: 724.850.5600
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Lab Project ID: 08-3721
Lab Sample ID: 0805-2593
Client Sample ID: Pre-Carb
Sample Matrix: Aqueous

Date Sampled: 05/19/2008
Date Received: 05/20/2008

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Volatile Organic Compounds, MS								
Acetone	8260B ⁽¹⁾	<10	10	ug/l	MAK	05/30/2008	0073618-1	<10
Benzene	8260B ⁽¹⁾	5.0	1.0	ug/l	MAK	05/30/2008	0073618-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	05/30/2008	0073618-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	05/30/2008	0073618-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	05/30/2008	0073618-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	05/30/2008	0073618-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	05/30/2008	0073618-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	05/30/2008	0073618-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	05/30/2008	0073618-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	05/30/2008	0073618-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	05/30/2008	0073618-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	05/30/2008	0073618-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	05/30/2008	0073618-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	05/30/2008	0073618-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	05/30/2008	0073618-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	05/30/2008	0073618-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	05/30/2008	0073618-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	05/30/2008	0073618-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	05/30/2008	0073618-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	17	5.0	ug/l	MAK	05/30/2008	0073618-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	3700	40	ug/l	MAK	05/30/2008	0073618-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	24	5.0	ug/l	MAK	05/30/2008	0073618-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	05/30/2008	0073618-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	05/30/2008	0073618-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	05/30/2008	0073618-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	05/30/2008	0073618-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	05/30/2008	0073618-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	05/30/2008	0073618-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	05/30/2008	0073618-1	<5.0

(Continued)

REPORT OF LABORATORY ANALYSIS

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Lab Sample ID: 0805-2593
Client Sample ID: Pre-Carb

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	05/30/2008	0073618-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	05/30/2008	0073618-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	05/30/2008	0073618-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	05/30/2008	0073618-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	05/30/2008	0073618-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	05/30/2008	0073618-1	<5.0
Trichloroethene	8260B ⁽¹⁾	990	40	ug/l	MAK	05/30/2008	0073618-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	05/30/2008	0073618-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	590	80	ug/l	MAK	05/30/2008	0073618-1	<2.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	05/30/2008	0073618-1	<5.0
m,p-Xylenes	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	05/30/2008	0073618-1	<5.0

⁽¹⁾ U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis.

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Lab Project ID: 08-3721
Lab Sample ID: 0805-2594
Client Sample ID: Primary Effluent
Sample Matrix: Aqueous

Date Sampled: 05/19/2008
Date Received: 05/20/2008

Client Site: Essex-Hope
Client Ref.: 41568140.10000

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Volatile Organic Compounds, MS								
Acetone	8260B ⁽¹⁾	<10	10	ug/l	MAK	05/30/2008	0073618-1	<10
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	MAK	05/30/2008	0073618-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	05/30/2008	0073618-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	05/30/2008	0073618-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	05/30/2008	0073618-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	05/30/2008	0073618-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	05/30/2008	0073618-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	05/30/2008	0073618-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	05/30/2008	0073618-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	05/30/2008	0073618-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	05/30/2008	0073618-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	05/30/2008	0073618-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	05/30/2008	0073618-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	05/30/2008	0073618-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	05/30/2008	0073618-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	05/30/2008	0073618-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	05/30/2008	0073618-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	05/30/2008	0073618-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	05/30/2008	0073618-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	17	5.0	ug/l	MAK	05/30/2008	0073618-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	3700	40	ug/l	MAK	06/02/2008	0073631-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	19	5.0	ug/l	MAK	05/30/2008	0073618-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	05/30/2008	0073618-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	05/30/2008	0073618-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	05/30/2008	0073618-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	05/30/2008	0073618-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	05/30/2008	0073618-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	05/30/2008	0073618-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	05/30/2008	0073618-1	<5.0

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Lab Sample ID: 0805-2594
Client Sample ID: Primary Effluent

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	05/30/2008	0073618-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	05/30/2008	0073618-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	05/30/2008	0073618-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	05/30/2008	0073618-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	05/30/2008	0073618-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	05/30/2008	0073618-1	<5.0
Trichloroethene	8260B ⁽¹⁾	170	5.0	ug/l	MAK	05/30/2008	0073618-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	05/30/2008	0073618-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	480	80	ug/l	MAK	06/02/2008	0073631-1	<2.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	05/30/2008	0073618-1	<5.0
m,p-Xylenes	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	05/30/2008	0073618-1	<5.0

⁽¹⁾ U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis.

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 Pittsburgh, PA 15220

Lab Project ID: 08-3721
Lab Sample ID: 0805-2595
Client Sample ID: Post-Carb
Sample Matrix: Aqueous

Date Sampled: 05/19/2008
Date Received: 05/20/2008

Client Site: Essex-Hope
Client Ref.: 41568140.10000

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Volatile Organic Compounds, MS								
Acetone	8260B ⁽¹⁾	<10	10	ug/l	MAK	05/30/2008	0073618-1	<10
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	MAK	05/30/2008	0073618-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	05/30/2008	0073618-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	05/30/2008	0073618-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	05/30/2008	0073618-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	05/30/2008	0073618-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	05/30/2008	0073618-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	05/30/2008	0073618-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	05/30/2008	0073618-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	05/30/2008	0073618-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	05/30/2008	0073618-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	05/30/2008	0073618-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	05/30/2008	0073618-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	05/30/2008	0073618-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	05/30/2008	0073618-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	05/30/2008	0073618-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	05/30/2008	0073618-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	05/30/2008	0073618-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	05/30/2008	0073618-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	05/30/2008	0073618-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	3000	10	ug/l	MAK	05/30/2008	0073618-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	05/30/2008	0073618-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	05/30/2008	0073618-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	05/30/2008	0073618-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	05/30/2008	0073618-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	05/30/2008	0073618-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	05/30/2008	0073618-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	05/30/2008	0073618-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	05/30/2008	0073618-1	<5.0

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Lab Sample ID: 0805-2595
Client Sample ID: Post-Carb

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	05/30/2008	0073618-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	05/30/2008	0073618-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	05/30/2008	0073618-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	05/30/2008	0073618-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	05/30/2008	0073618-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	05/30/2008	0073618-1	<5.0
Trichloroethene	8260B ⁽¹⁾	5.3	5.0	ug/l	MAK	05/30/2008	0073618-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	05/30/2008	0073618-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	570	20	ug/l	MAK	05/30/2008	0073618-1	<2.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	05/30/2008	0073618-1	<5.0
m,p-Xylenes	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	05/30/2008	0073618-1	<5.0

⁽¹⁾ U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis. Sample 0805-2595 was composited from 4 samples prior to analysis.

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Client Site: Essex-Hope
Client Ref.: 41568140.10000

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Phone: 724.850.5600
Fax: 724.850.5601

Lab Project ID: 08-3721
Lab Sample ID: 0805-2596
Client Sample ID: Trip Blank
Sample Matrix: Aqueous

Date Sampled: 05/19/2008
Date Received: 05/20/2008

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Volatile Organic Compounds, MS								
Acetone	8260B ⁽¹⁾	<10	10	ug/l	MAK	05/30/2008	0073618-1	<10
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	MAK	05/30/2008	0073618-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	05/30/2008	0073618-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	05/30/2008	0073618-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	05/30/2008	0073618-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	05/30/2008	0073618-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	05/30/2008	0073618-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	05/30/2008	0073618-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	05/30/2008	0073618-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	05/30/2008	0073618-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	05/30/2008	0073618-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	05/30/2008	0073618-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	05/30/2008	0073618-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	05/30/2008	0073618-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	05/30/2008	0073618-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	05/30/2008	0073618-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	05/30/2008	0073618-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	05/30/2008	0073618-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	05/30/2008	0073618-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	05/30/2008	0073618-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	05/30/2008	0073618-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	05/30/2008	0073618-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	05/30/2008	0073618-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	05/30/2008	0073618-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	05/30/2008	0073618-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	05/30/2008	0073618-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	05/30/2008	0073618-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	05/30/2008	0073618-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	05/30/2008	0073618-1	<5.0

(Continued)

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Lab Sample ID: 0805-2596
Client Sample ID: Trip Blank

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	05/30/2008	0073618-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	05/30/2008	0073618-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	05/30/2008	0073618-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	05/30/2008	0073618-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	05/30/2008	0073618-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	05/30/2008	0073618-1	<5.0
Trichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	05/30/2008	0073618-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	05/30/2008	0073618-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	<2.0	2.0	ug/l	MAK	05/30/2008	0073618-1	<2.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	05/30/2008	0073618-1	<5.0
m,p-Xylenes	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	05/30/2008	0073618-1	<5.0

⁽¹⁾ U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis.

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1638 Roseytown Rd
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Fax: 724.850.5601

July 11, 2008

Mr. Mark Dowiak
URS Corporation
Construction Services Division
Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

Dear Mr. Dowiak:

Enclosed are analytical results for samples submitted to Pace Analytical by URS Corporation. The samples were received on June 30, 2008. The results reported in this project meet the requirements as specified in Chapter 5 of the NELAC Standards. Any deviations or discrepancies from the NELAC standards are documented in the case narrative(s) of this report. Parameters printed in italics represent Non-NELAC accredited parameters. Please reference Pace project number 08-4861 when inquiring about this report.

Client Site: Essex-Hope
Client Ref.: 41568140.10000

Pace Sample Identification	Client Sample Identification
0806-4747	Pre-Carb
0806-4748	Primary Effluent
0806-4749	Post-Carb
0806-4750	TB-01

General Comments: Cooler temperature 20.4 ° C upon receipt. Ice was present.

Please call me if you have any questions regarding the information contained within this report.

Sincerely,

Raelyn E. Sylvester
Project Manager

REC: rdc

Enclosures

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REPORT OF LABORATORY ANALYSIS

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Mr. Mark Dowiak
 URS Corporation
 Construction Services Division
 Foster Plaza 4
 501 Holiday Drive, Suite 300
 Pittsburgh, PA 15220

Lab Project ID: 08-4861
Lab Sample ID: 0806-4747
Client Sample ID: Pre-Carb
Sample Matrix: Aqueous

Date Sampled: 06/27/2008
Date Received: 06/30/2008

Client Site: Essex-Hope
Client Ref.: 41568140.10000

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Volatile Organic Compounds, MS								
Acetone	8260B ⁽¹⁾	<10	10	ug/l	MAK	07/08/2008	0074690-1	<10
Benzene	8260B ⁽¹⁾	3.8	1.0	ug/l	MAK	07/08/2008	0074690-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	07/08/2008	0074690-1	<10
Carbon Disulfide	8260B ⁽¹⁾	11	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	8.4	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	1800	40	ug/l	MAK	07/08/2008	0074690-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	13	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	07/08/2008	0074690-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	07/08/2008	0074690-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0

(Continued)

REPORT OF LABORATORY ANALYSIS

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Lab Sample ID: 0806-4747

Client Sample ID: Pre-Carb

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
Trichloroethene	8260B ⁽¹⁾	290	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	260	2.0	ug/l	MAK	07/08/2008	0074690-1	<2.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
m,p-Xylenes	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0

⁽¹⁾ U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis.

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Mr. Mark Dowiak
 URS Corporation
 Construction Services Division
 Foster Plaza 4
 501 Holiday Drive, Suite 300
 Pittsburgh, PA 15220

Lab Project ID: 08-4861
Lab Sample ID: 0806-4748
Client Sample ID: Primary Effluent
Sample Matrix: Aqueous

Date Sampled: 06/27/2008
Date Received: 06/30/2008

Client Site: Essex-Hope
Client Ref.: 41568140.10000

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Volatile Organic Compounds, MS								
Acetone	8260B ⁽¹⁾	<10	10	ug/l	MAK	07/08/2008	0074690-1	<10
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	MAK	07/08/2008	0074690-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	07/08/2008	0074690-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	61	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	07/08/2008	0074690-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	07/08/2008	0074690-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0

(Continued)

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Lab Sample ID: 0806-4748
Client Sample ID: Primary Effluent

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
Trichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	8.0	2.0	ug/l	MAK	07/08/2008	0074690-1	<2.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
m,p-Xylenes	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0

⁽¹⁾ U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis.

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Mr. Mark Dowiak
URS Corporation
Construction Services Division
Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

Lab Project ID: 08-4861
Lab Sample ID: 0806-4749
Client Sample ID: Post-Carb
Sample Matrix: Aqueous

Date Sampled: 06/27/2008
Date Received: 06/30/2008

Client Site: Essex-Hope
Client Ref.: 41568140.10000

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Volatile Organic Compounds, MS								
Acetone	8260B ⁽¹⁾	<10	10	ug/l	MAK	07/08/2008	0074690-1	<10
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	MAK	07/08/2008	0074690-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	07/08/2008	0074690-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	140	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	07/08/2008	0074690-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	07/08/2008	0074690-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0

(Continued)

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Lab Sample ID: 0806-4749
Client Sample ID: Post-Carb

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
Trichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	17	2.0	ug/l	MAK	07/08/2008	0074690-1	<2.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0
m,p-Xylenes	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074690-1	<5.0

⁽¹⁾ U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis. Sample 0806-4749 was composited from 4 samples prior to analysis.

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Mr. Mark Dowiak
URS Corporation
Construction Services Division
Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

Lab Project ID: 08-4861
Lab Sample ID: 0806-4750
Client Sample ID: TB-01
Sample Matrix: Aqueous

Date Sampled: 06/27/2008
Date Received: 06/30/2008

Client Site: Essex-Hope
Client Ref.: 41568140.10000

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Volatile Organic Compounds, MS								
Acetone	8260B ⁽¹⁾	<10	10	ug/l	MAK	07/08/2008	0074674-1	<10
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	MAK	07/08/2008	0074674-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074674-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074674-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074674-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	07/08/2008	0074674-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074674-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074674-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074674-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074674-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074674-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074674-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074674-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074674-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074674-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074674-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074674-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074674-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074674-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074674-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074674-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074674-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074674-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074674-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074674-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074674-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	07/08/2008	0074674-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	07/08/2008	0074674-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074674-1	<5.0

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Lab Sample ID: 0806-4750
Client Sample ID: TB-01

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074674-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074674-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074674-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074674-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074674-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074674-1	<5.0
Trichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074674-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074674-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	<2.0	2.0	ug/l	MAK	07/08/2008	0074674-1	<2.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074674-1	<5.0
m,p-Xylenes	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	07/08/2008	0074674-1	<5.0

⁽¹⁾ U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis.

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