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✓ RE: UNPPL

August 30, 2007

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

**Re: June 2007 Semi-Annual Performance Monitoring Report
Essex/Hope Site, Jamestown, New York
URS Project No. 41567920**

Dear Mr. Moore:

This letter report is a summary of the January through June 2007 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 October 2003. During the period approximately 748,688 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 January 17 and June 7, 2007. 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 0.95 gallon per minute (gpm) from the NPL Area, 0.007 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 2.05 gpm. Pumping conditions were typical of previous data for the site.

WATER QUALITY RESULTS

Performance monitoring included semi-annual sampling of the recovery wells during the 2nd Quarter 2007 and monthly influent and effluent sampling of the treatment system. Recovery Well sampling was conducted on April 11, 2007. Samples were analyzed by Pace Analytical of Export, 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 and VOCs to ensure compliance with the discharge requirements. Sampling points include the

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influent, primary carbon effluent and secondary carbon effluent (discharge to POTW). These points are sampled during the first half of each month and reported to the Jamestown BPU on a semi-annual basis. Groundwater treatment system data for January through June 2007 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



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

Table 1
Semi-Annual Recovery Well Sampling
1st Quarter Analytical Results
April 11, 2007

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	9.7	5.9
2-Butanone		ND	ND	ND	ND	ND
Chloroform		ND	ND	ND	ND	ND
Isopropylbenzene (Cumene)		ND	ND	ND	ND	ND
1,1-Dichloroethane		ND	ND	ND	ND	ND
1,1-Dichloroethene		ND	ND	ND	32	ND
cis-1,2-Dichloroethene		53	ND	5.3	5,000	ND
trans-1,2-Dichloroethene	5	ND	ND	ND	35	ND
Ethylbenzene	5	ND	ND	ND	ND	9.7
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	460	ND	ND	2,000	ND
Vinyl Chloride	5	2.1	ND	ND	830	ND
Xylenes (total)	5	ND	ND	ND	ND	47.4

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
2007 System Pre-Carbon
Volatile Organic Compounds (µg/L)

Sample Date	16-Jan-07	12-Feb-07	12-Mar-07	12-Apr-07	7-May-07	6-Jun-07					
Acetone	ND	ND	ND	12	ND	ND					
Benzene	4.1	8.5	5.4	5.4	6.7	6.6					
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	11	21	14	11	15	17					
cis-1,2-Dichloroethene	2,700	4,500	3,200	2,000	4,000	3,100					
trans-1,2-Dichloroethene	15	32	ND	22	23	22					
Ethylbenzene	ND	ND	ND	ND	ND	ND					
Methylene Chloride	ND	ND	ND	ND	6.3 B	ND					
Toluene	ND	ND	ND	ND	ND	ND					
Trichloroethene	790	1,500	1,000	420	1,200	650					
Vinyl Chloride	350	610	360	340	530	670					
Total Xylenes	ND	ND	ND	ND	ND	ND					
Pre-Carbon TOTAL VOCs	3,870	6,672	4,579	2,810	5,775	4,466	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
2007 System Primary Carbon Effluent
Volatile Organic Compounds (µg/L)

Sample Date	16-Jan-07	12-Feb-07	12-Mar-07	12-Apr-07	7-May-07	6-Jun-07						
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	11	11	ND	ND	ND	ND						
cis-1,2-Dichloroethene	2,700	3,200	5.1	7.3	140	240						
trans-1,2-Dichloroethene	7.2	13	ND	ND	ND	ND						
Ethylbenzene	ND	ND	ND	ND	ND	ND						
Methylene Chloride	ND	ND	ND	ND	6.4 B	ND						
Toluene	ND	ND	ND	ND	ND	ND						
Trichloroethene	120	69	ND	ND	ND	ND						
Vinyl Chloride	400	510	680	690	860	910						
Total Xylenes	ND	ND	ND	ND	ND	ND						
Primary-Carbon TOTAL VOCs	3,238	3,803	685	697	1,000	1,150	0.0	0.0	0.0	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.

Table 4
POTW Monthly Monitoring Summary
2007 System Post Carbon Effluent
Volatile Organic Compounds (µg/L)

Sample Date	16-Jan-07	12-Feb-07	12-Mar-07	12-Apr-07	7-May-07	6-Jun-07						
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	6.3	5.6	29	17	18	21						
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND						
Ethylbenzene	ND	ND	ND	ND	ND	ND						
Methylene Chloride	ND	ND	ND	ND	6.5 B	ND						
Toluene	ND	ND	ND	ND	ND	ND						
Trichloroethene	ND	ND	ND	ND	ND	ND						
Vinyl Chloride	400	530	9.9	290	790	820						
Total Xylenes	ND	ND	ND	ND	ND	ND						
Post-Carbon TOTAL VOCs	406	536	39	307	808	841	0.0	0.0	0.0	0.0	0.0	0.0

Notes:

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

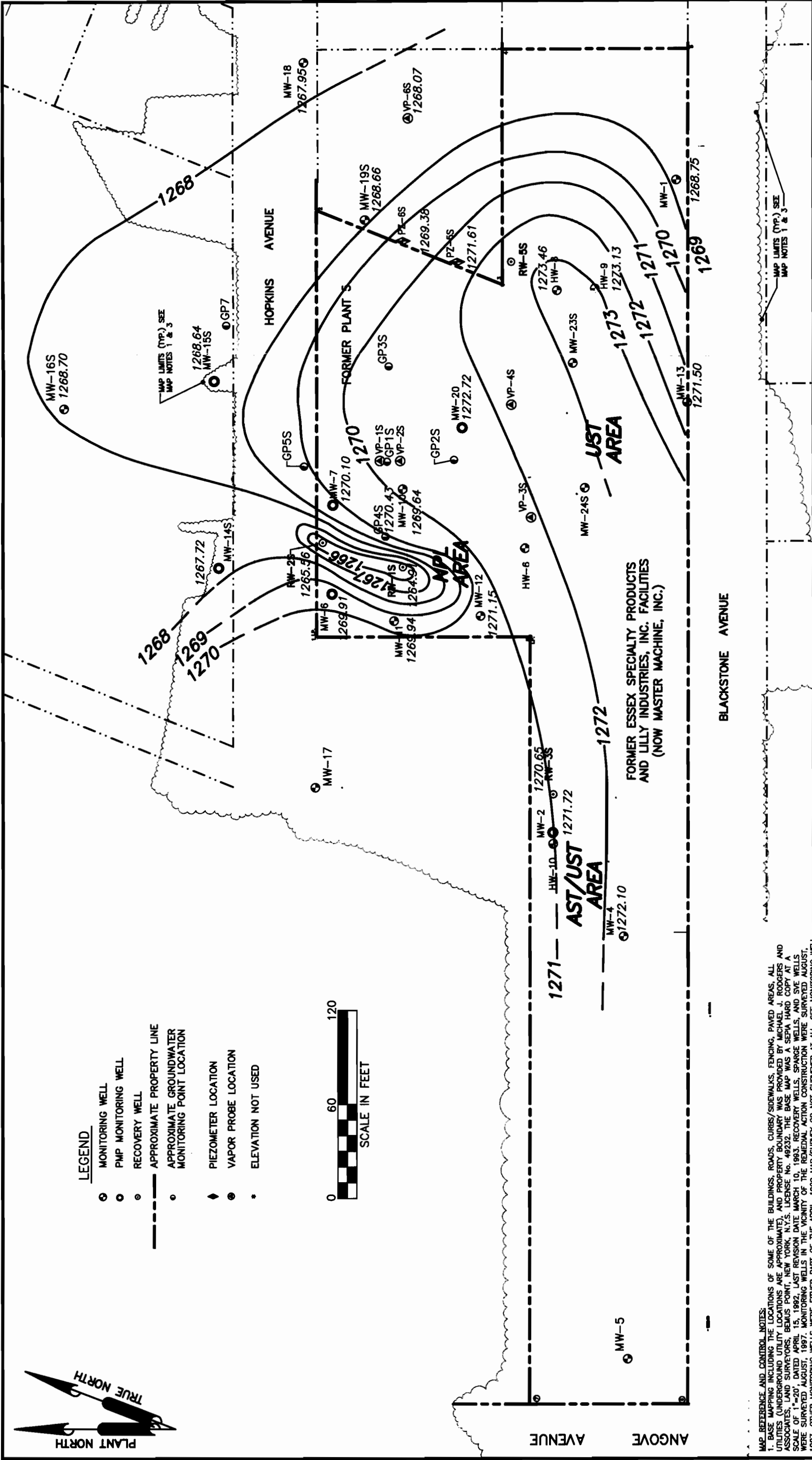
ND = Not detected/Below minimum laboratory reporting limit

µg/L = micrograms per liter

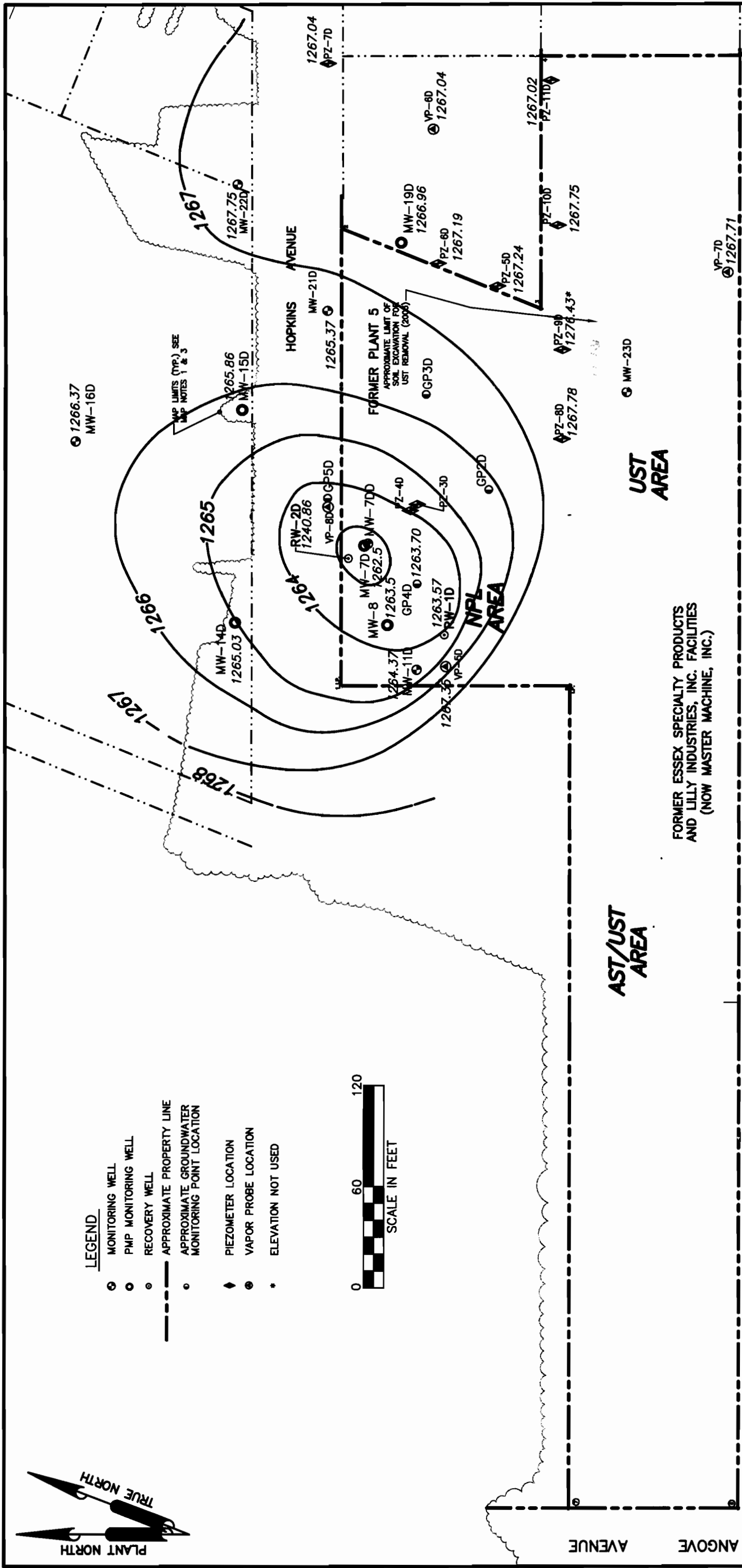
POTW Discharge Limit = 2,130 µg/L Total Toxic Organics (VOCs)

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.

FIGURES



CONFIDENTIAL - ALL RIGHTS RESERVED - PROPERTY OF		2007 SEMI-ANNUAL PERFORMANCE MONITORING REPORT	
SHALLOW GROUNDWATER POTENTIOMETRIC SURFACE - JANUARY 17, 2007		ESSEX/HOPE SITE	
JAMES TOWN, NY		CLIENT: ESSEX SPECIALTY PRODUCTS, INC.	
JOB NUMBER: 41567920		SCALE: AS SHOWN	
FIGURE NUMBER		1	
REV		0	



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. ROGERS AND ASSOCIATES, LAND SURVEYORS, BEAUMONT, NEW YORK, N.Y. LICENSE NO. 48232. THE BASE MAP WAS A SERIAL HARD COPY, A SCALE OF 1"=20' DATED APRIL 15, 1982. LAST REVISION DATE MARCH 10, 1983. RECOVERY WELLS, SPARGE WELLS, AND SVE WELLS WERE SURVEYED AUGUST 1987. MONITORING WELLS WERE EITHER PART OF THE REMEDIAL ACTION CONSTRUCTION WERE SURVEYED AUGUST, 1987, OTHER MONITORING WELLS WERE EITHER PART OF THE APRIL, 1982 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. ROGERS SURVEY DONE ON JANUARY 9, 1988. ALL OTHER BUILDING CORNERS ARE APPROXIMATE. THE SITE AREA BEYOND THE 1988 SURVEY WAS MAPPED BY URS CORPORATION IN AUGUST 2008. THIS MAPPING USED THE SAME VERTICAL AND HORIZONTAL REFERENCE DATA AS THE PREVIOUS SURVEY. THE MAPPING WAS MERGED WITH THE 1988 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.=1298.034 (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. N100000, E100000 IS A PK MAIL 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 SUEA 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.

2007 SEMI-ANNUAL PERFORMANCE MONITORING REPORT DEEP GROUNDWATER POTENTIOMETRIC SURFACE – JANUARY 17, 2007	
ESSEX/HOPE SITE	JAMESTOWN, NY
CLIENT: ESSEX SPECIALTY PRODUCTS, INC.	JOB NUMBER: 41567920
SCALE: AS SHOWN	FIGURE NUMBER
2	REV
0	0

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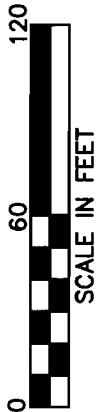
PITTSBURGH, PENNSYLVANIA

SCALE: AS SHOWN

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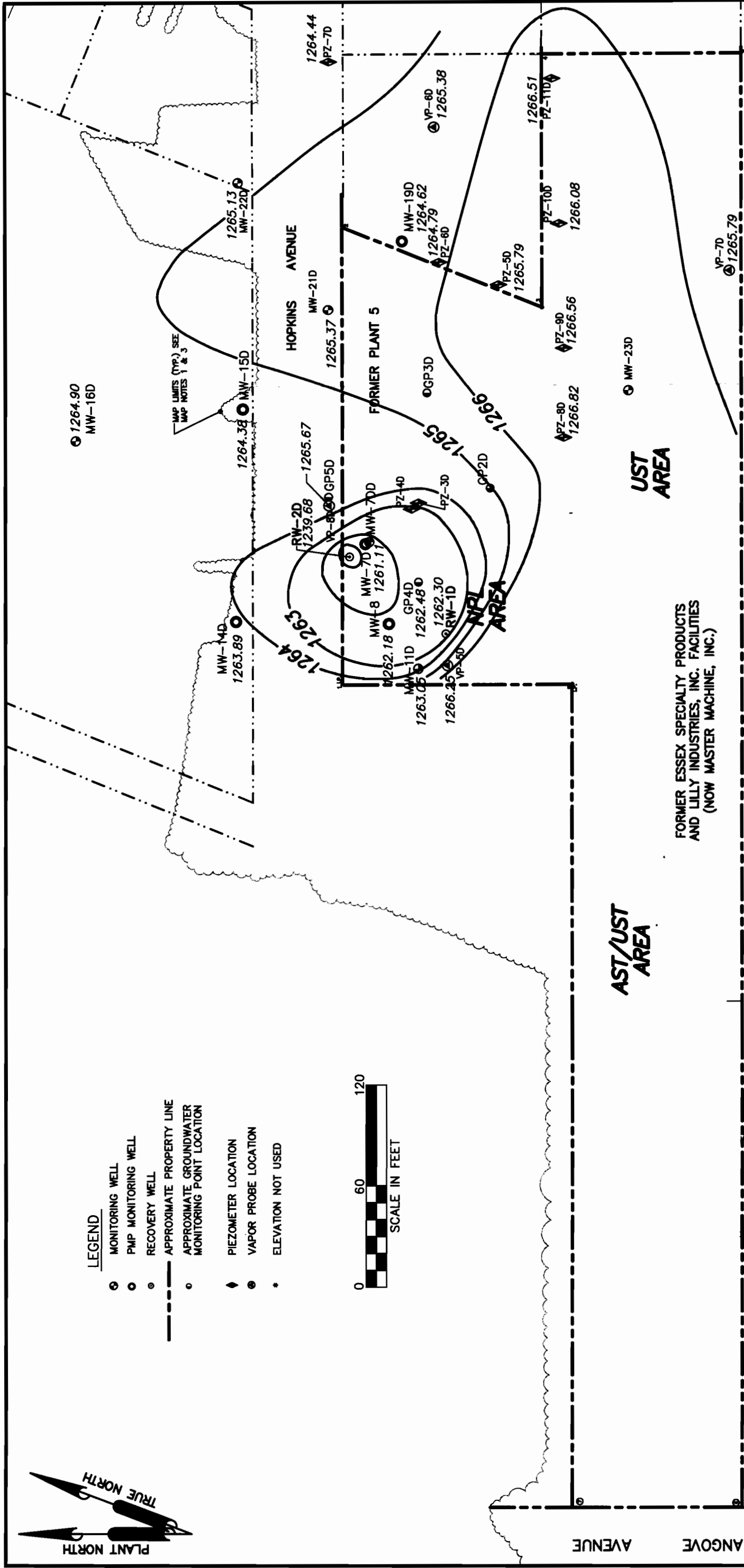
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PITTSBURGH, PENNSYLVANIA

SCALE: AS SHOWN

JOB NUMBER: 41567920

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MAP REFERENCE AND CONTROL NOTES:

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3. PROPERTY CORNERS FOR THE MONUMENTAL PLANTER BOXES AND THE WALL SET IN THE CONCRETE CURB/GUTTER AND IS PART OF THE ORIGINAL TRVERSE. IRON STAKES WERE SET AT THE PROPERTY CORNERS.
4. AREAS OUTSIDE OF CLOUD LINE, PROPERTY LINES AND MAPPING ADJACENT TO BIGELOW AVENUE, NORTH & SOUTH OF HOPKINS AVENUE, EAST & WEST OF BIGELOW AVENUE, AND SOUTH OF BLACKSTONE AVENUE WERE TAKEN FROM A VARIETY OF SOURCES INCLUDING SEPIA MYLAR AIR PHOTOGRAPHY, 7.5 MINUTE TOPOGRAPHIC MAP - JAMESTOWN, NY, CITY OF JAMESTOWN TAX MAP RECORDS, AND SITES FIELD RECONNAISSANCE. LOCATIONS AND DIMENSIONS IN THESE AREAS ARE APPROXIMATE.

2007 SEMI-ANNUAL PERFORMANCE MONITORING REPORT
DEEP GROUNDWATER POTENTIOMETRIC SURFACE – JUNE 7, 2007

ESSEX/HOPE SITE

JAMESTOWN, NY

CLIENT: ESSEX SPECIALTY PRODUCTS, INC. JOB NUMBER: 41567920

SCALE: AS SHOWN

FIGURE NUMBER 4

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APPENDIX A

Water Level Measurement Data

APPENDIX A

2007 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	January 17, 2007			June 7, 2007		
							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	11.73	NA	1268.75	13.46	NA	1267.02
MW-2	9837.1531	9959.6857	1279.87		16.0	Shallow	8.15	NA	1271.72	9.21	NA	1270.66
MW-4	9792.3277	9900.7631	1281.02	13.0	18.0	Shallow	8.92	NA	1272.10	9.99	NA	1271.03
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	8.07	NA	1269.91	9.38	NA	1268.60
MW-7	9976.6467	10175.6797	1277.73	10.0	20.0	Shallow	7.63	NA	1270.10	8.62	NA	1269.11
MW-7D	9973.2593	10174.8524	1277.8	35.0	45.0	Deep	15.30	NA	1262.50	16.69	NA	1261.11
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	14.47	NA	1263.50	15.79	NA	1262.18
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	7.81	NA	1269.94	10.72	NA	1267.03
MW-11D	9942.3792	10101.1482	1277.85	35.0	45.0	Deep	13.48	NA	1264.37	14.80	NA	1263.05
MW-12	9883.0874	10104.9278	1278.18	4.0	14.0	Shallow	7.03	NA	1271.15	9.71	NA	1268.47
MW-13	9752.0619	10240.2934	1278.12	8.0	18.0	Shallow	6.62	NA	1271.50	9.43	NA	1268.69
MW-14S	10048.7753	10135.5198	1280.25	10.0	20.0	Shallow	12.53	NA	1267.72	13.99	NA	1266.26
MW-14D	10049.5051	10129.1897	1280.01	40.0	50.0	Deep	14.98	NA	1265.03	16.12	NA	1263.89
MW-15S	10051.8272	10254.4862	1279.55	10.0	20.0	Shallow	10.91	NA	1268.64	13.79	NA	1265.76
MW-15D	10045.5611	10255.205	1279.46	34.0	44.0	Deep	13.60	NA	1265.86	15.08	NA	1264.38
MW-16S	10146.7788	10236.8582	1279.32	7.0	17.0	Shallow	10.62	NA	1268.70	13.13	NA	1266.19
MW-16D	10143.9497	10236.6005	1279.05	36.0	46.0	Deep	12.68	NA	1266.37	14.15	NA	1264.90
MW-17	9987.6315	9995.5207	1278.7			Deep	9.91	NA	1268.79	3.43	NA	1275.27
MW-18	9994.6655	10459.2207	1275.49		20.0	Shallow	7.54	NA	1267.95	10.39	NA	1265.10
MW-19S	9956.1454	10358.207	1276.82	9.0	19.0	Shallow	8.16	NA	1268.66	10.87	NA	1265.95
MW-19D	9951.569	10355.9748	1276.21	34.0	44.0	Deep	9.25	NA	1266.96	11.59	NA	1264.62
MW-20	9894.7336	10224.5128	1278.56	6.5	11.5	Shallow	5.84	NA	1272.72	7.53	NA	1271.03
MW-21D	9995.0094	10314.801	1276.12	31.5	41.0	Deep	9.51	NA	1266.61	11.01	NA	1265.11
MW-22D	10048.1687	10391.3548	1276.04	32.5	42.0	Deep	8.29	NA	1267.75	10.91	NA	1265.13
MW-23S	9824.696	10265.6365	1277.85	5.0	14.5	Shallow	4.72	NA	1273.13	6.70	NA	1271.15
MW-23D	9818.3152	10265.6675	1277.89	28.0	37.5	Deep	10.61	NA	NA	11.76	NA	1266.13
MW-24S	9817.1277	10186.2119	1278.77	5.0	14.5	Shallow	6.61	NA	1272.16	8.15	NA	1270.62

APPENDIX A

2007 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	January 17, 2007			June 7, 2007		
							Depth to Water	Depth to Top of Pump	Groundwater Elevation (ft msl)	Depth to Water	Depth to Top of Pump	Groundwater Elevation (ft msl)
HW-8	9834.664	10312.0885	1277.81	6.0	16.0	Shallow	4.35	NA	1273.46	6.82	NA	1270.99
HW-9	9810.5264	10313.3873	1280.78	6.0	16.0	Shallow	7.65	NA	1273.13	10.13	NA	1270.65
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	10.90	11.50	1284.91	11.09	11.50	1284.72
RW-1D	9925.9898	10121.7689	1276.34	32.0	57.0	Deep	12.77	NA	NA	14.04	NM	1262.30
RW-2S	9982.9501	10151.7112	1276.33	10.0	15.5	Shallow	10.77	12.70	1265.56	9.64	12.70	1266.69
RW-2D	9982.6088	10169.3122	1276.35	27.0	42.0	Deep	35.49	36.90	1240.86	36.67	36.90	1239.68
RW-3S	9837.0894	9990.9663	1278.14	9.0	13.5	Shallow	7.49	8.80	1270.65	9.94	8.80	1268.20
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	7.83	NA	1270.23	8.95	NA	1269.11
GP-4D	9942.1743	10152.2232	1277.95	39.0	43.8	Deep	14.25	NA	1263.70	15.47	NA	1262.48
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	4.81	NA	1271.61	7.81	NA	1268.61
PZ-5D	9894.5731	10329.7148	1276.4	21.0	42.0	Deep	9.16	NA	1267.24	10.61	NA	1265.79
PZ-6S	9932.2079	10344.4895	1276.61	8.5	13.5	Shallow	7.23	NA	1269.38	10.18	NA	1266.43
PZ-6D	9929.8004	10343.4742	1276.62	25.5	45.5	Deep	9.43	NA	1267.19	11.83	NA	1264.79
PZ-7D	9994.5452	10463.2465	1275.68	22.0	42.0	Deep	8.64	NA	1267.04	11.24	NA	1264.44
PZ-8D	9856.4908	10237.8118	1278.12	21.0	41.0	Deep	10.34	NA	NA	11.30	NA	NA

APPENDIX A

2007 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	January 17, 2007			June 7, 2007		
							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-9D	9856.2398	10291.1658	1277.3	19.0	39.0	Deep	0.87	NA	1276.43	10.74	NA	1266.56
PZ-10D	9858.9821	10366.4236	1277.52	26.5	46.5	Deep	9.77	NA	1267.75	11.44	NA	1266.08
PZ-11D	9863.0677	10452.8989	1276.63	21.3	41.3	Deep	9.61	NA	1267.02	10.12	NA	1266.51
VP-5D	9925.1052	10103.0141	1277.88	12.5	34.3	Deep	10.53	NA	1267.35	11.63	NA	1266.25
VP-6S	9928.8123	10423.4628	1276.48	18.3	24.0	Deep upper gravel	8.41	NA	NA	10.55	NA	1265.93
VP-6D	9932.5744	10424.1378	1276.6	29.5	39.5	Deep	9.27	NA	NA	11.22	NA	1265.38
VP-7D	9758.4881	10337.7133	1278.64	20.4	39.3	Deep	10.93	NA	1267.71	12.85	NA	1265.79
VP-8D	9994.6178	10197.8133	1277.15	20.0	39.0	Deep	9.86	NA	NA	11.48	NA	1265.67

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



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

April 11, 2007

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 28, 2007. 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 07-2514 when inquiring about this report.

Client Site: Essex-Hope
Client Ref.: 41567920

Pace Sample Identification	Client Sample Identification
0703-5136	RW-1D
0703-5137	RW-2D
0703-5138	RW-1S

Pace Sample Identification	Client Sample Identification
0703-5139	RW-2S
0703-5140	RW-3S
0703-5141	TB-01

General Comments: Cooler temperature 6 ° 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 14

REPORT OF LABORATORY ANALYSIS

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Lab Sample ID: 0703-5136

Client Sample ID: RW-1D

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Trichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	<2.0	2.0	ug/l	JHC	04/09/2007	0059479-1	<2.0
m,p-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<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: 07-2514
Lab Sample ID: 0703-5137
Client Sample ID: RW-2D
Sample Matrix: Aqueous

Date Sampled: 03/28/2007
Date Received: 03/28/2007

Client Site: Essex-Hope
Client Ref.: 41567920

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	JHC	04/09/2007	0059479-1	<10
Benzene	8260B ⁽¹⁾	9.7	1.0	ug/l	JHC	04/09/2007	0059479-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	JHC	04/09/2007	0059479-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	32	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	5000	50	ug/l	JHC	04/09/2007	0059479-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	35	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	JHC	04/09/2007	0059479-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	JHC	04/09/2007	0059479-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0

(Continued)

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Lab Sample ID: 0703-5137

Client Sample ID: RW-2D

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Trichloroethene	8260B ⁽¹⁾	2000	50	ug/l	JHC	04/09/2007	0059479-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	830	100	ug/l	JHC	04/09/2007	0059479-1	<2.0
m,p-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<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: 07-2514
Lab Sample ID: 0703-5138
Client Sample ID: RW-1S
Sample Matrix: Aqueous

Date Sampled: 03/28/2007
Date Received: 03/28/2007

Client Site: Essex-Hope
Client Ref.: 41567920

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	JHC	04/09/2007	0059479-1	<10
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	JHC	04/09/2007	0059479-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	JHC	04/09/2007	0059479-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	53	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	JHC	04/09/2007	0059479-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	JHC	04/09/2007	0059479-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0

(Continued)

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Lab Sample ID: 0703-5138
Client Sample ID: RW-1S

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Trichloroethene	8260B ⁽¹⁾	460	50	ug/l	JHC	04/09/2007	0059479-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	2.1	2.0	ug/l	JHC	04/09/2007	0059479-1	<2.0
m,p-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<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: 07-2514
Lab Sample ID: 0703-5139
Client Sample ID: RW-2S
Sample Matrix: Aqueous

Date Sampled: 03/28/2007
Date Received: 03/28/2007

Client Site: Essex-Hope
Client Ref.: 41567920

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	JHC	04/09/2007	0059479-1	<10
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	JHC	04/09/2007	0059479-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	JHC	04/09/2007	0059479-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	5.3	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	JHC	04/09/2007	0059479-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	JHC	04/09/2007	0059479-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0

(Continued)

REPORT OF LABORATORY ANALYSIS

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Lab Sample ID: 0703-5139

Client Sample ID: RW-2S

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Trichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	<2.0	2.0	ug/l	JHC	04/09/2007	0059479-1	<2.0
m,p-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<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: 07-2514
Lab Sample ID: 0703-5140
Client Sample ID: RW-3S
Sample Matrix: Aqueous

Date Sampled: 03/28/2007
Date Received: 03/28/2007

Client Site: Essex-Hope
Client Ref.: 41567920

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	JHC	04/09/2007	0059479-1	<10
Benzene	8260B ⁽¹⁾	5.9	1.0	ug/l	JHC	04/09/2007	0059479-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	JHC	04/09/2007	0059479-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	9.7	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	JHC	04/09/2007	0059479-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	JHC	04/09/2007	0059479-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0

(Continued)

REPORT OF LABORATORY ANALYSIS

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Lab Sample ID: 0703-5140
Client Sample ID: RW-3S

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Trichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	<2.0	2.0	ug/l	JHC	04/09/2007	0059479-1	<2.0
m,p-Xylene	8260B ⁽¹⁾	39	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
o-Xylene	8260B ⁽¹⁾	8.4	5.0	ug/l	JHC	04/09/2007	0059479-1	<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: 07-2514
Lab Sample ID: 0703-5141
Client Sample ID: TB-01
Sample Matrix: Aqueous

Date Sampled: 03/28/2007
Date Received: 03/28/2007

Client Site: Essex-Hope
Client Ref.: 41567920

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	JHC	04/09/2007	0059479-1	<10
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	JHC	04/09/2007	0059479-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	JHC	04/09/2007	0059479-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	JHC	04/09/2007	0059479-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	JHC	04/09/2007	0059479-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0

(Continued)

REPORT OF LABORATORY ANALYSIS

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Lab Sample ID: 0703-5141

Client Sample ID: TB-01

Volatiles (Cont.)

Styrene	8260B(1)	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
1,1,2,2-Tetrachloroethane	8260B(1)	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Tetrachloroethene	8260B(1)	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Toluene	8260B(1)	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
1,1,1-Trichloroethane	8260B(1)	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
1,1,2-Trichloroethane	8260B(1)	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Trichloroethene	8260B(1)	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Trichlorofluoromethane	8260B(1)	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
Vinyl chloride	8260B(1)	<2.0	2.0	ug/l	JHC	04/09/2007	0059479-1	<2.0
m,p-Xylene	8260B(1)	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<5.0
o-Xylene	8260B(1)	<5.0	5.0	ug/l	JHC	04/09/2007	0059479-1	<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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The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Face Analytical

Required Client Information:

Required Project Information:

Demond T.

Report To: MARK DUNIAK
Copy To: VALERIE SIBATO
Purchase Order No.: _____

Attention:	
Company Name:	
Address:	
Phone Number:	
Page Quote Reference:	

Invoice Information:

2. *Adaptation to the environment*

ance:			

☐ NPDES
☐ UST

REGULATORY AGENCIES

☐ GROUND WATER
☐ RCRA

☐ GA ☐ IL ☐ IN
☐ OH ☐ SC ☐ WI

☐ DRINKING WATER
☐ Other _____

Project Name: OS&H OF INVESTMENT
Project Number: 4577920

Pace Project Manager	
Pace Profile #:	

er:	

[illegible]

Matrix Codes	CODE	MATRIX CODE		SAMPLE TYPE	Q=GRAB D-COMP	COMPOSITE STA		TIME	
		DATE	TIME						
	ING WATER	DIW							
	WATER	WT							
	PACT	VWV							
	SOLID	P							
		SL							
		OL							
		WP							
		AR							
		OT							
		TS							

PART	COMPOSITE EN	
	ME	DATE

	TIME	ID/GRA#	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives
					Unpreserved
					H ₂ SO ₄
					HNO ₃
					HCl
					NaOH
					Na ₂ S ₂ O ₃
					Methanol
					Other

Residual Chrome (VNI)

[illegible]

410	3	X
420	3	X
430	3	X
440	3	X
450	3	X
—	3	X

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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[illegible][illegible][illegible][illegible]

RELINQUISHED BY / AFFILIATION		DATE	TIME	ACCEPTED BY / AFFILIATION		DATE	TIME

Alameda Co pups	3-28-07	1630	744 Ex Am Bull #	3-28-07	1630
Bradbury none			85494675 60217		
Pen 09			60217	108	1579

N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: VINCENZO SIBERO

SIGNATURE of SAMPLER: _____

DATE Signed (MM / DD / YY)

Temp	Reco	on l	Cue	See	Sar	Inta
------	------	------	-----	-----	-----	------

C

January 25, 2007

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, 2007. 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 07-0537 when inquiring about this report.

Client Site: Essex-Hope
Client Ref.: 41567715

Pace Sample Identification	Client Sample Identification
0701-2135	Pre-Carb
0701-2136	Primary Effluent
0701-2137	Post-Carb
0701-2138	TB-01

General Comments: Cooler temperature 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: 07-0537
Lab Sample ID: 0701-2135
Client Sample ID: Pre-Carb
Sample Matrix: Aqueous

Date Sampled: 01/16/2007
Date Received: 01/17/2007

Client Site: Essex-Hope
Client Ref.: 41567715

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	01/19/2007	0056872-1	<10
Benzene	8260B ⁽¹⁾	4.1	1.0	ug/l	MAK	01/19/2007	0056872-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	01/19/2007	0056872-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	11	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	2700	50	ug/l	MAK	01/19/2007	0056872-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	15	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	01/19/2007	0056872-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	01/19/2007	0056872-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0

(Continued)

REPORT OF LABORATORY ANALYSIS

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Lab Sample ID: 0701-2135

Client Sample ID: Pre-Carb

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
Trichloroethene	8260B ⁽¹⁾	790	50	ug/l	MAK	01/19/2007	0056872-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	350	2.0	ug/l	MAK	01/19/2007	0056872-1	<2.0
m,p-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<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.: 41567715

Lab Project ID: 07-0537
Lab Sample ID: 0701-2136
Client Sample ID: Primary Effluent
Sample Matrix: Aqueous

Date Sampled: 01/16/2007
Date Received: 01/17/2007

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	01/19/2007	0056872-1	<10
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	MAK	01/19/2007	0056872-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	01/19/2007	0056872-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	11	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	2700	50	ug/l	MAK	01/22/2007	0056943-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	7.2	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	01/19/2007	0056872-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	01/19/2007	0056872-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0

(Continued)

REPORT OF LABORATORY ANALYSIS

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Lab Sample ID: 0701-2136
Client Sample ID: Primary Effluent

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
Trichloroethene	8260B ⁽¹⁾	120	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	400	2.0	ug/l	MAK	01/19/2007	0056872-1	<2.0
m,p-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<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: 07-0537
Lab Sample ID: 0701-2137
Client Sample ID: Post-Carb
Sample Matrix: Aqueous

Date Sampled: 01/16/2007
Date Received: 01/17/2007

Client Site: Essex-Hope
Client Ref.: 41567715

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	01/19/2007	0056872-1	<10
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	MAK	01/19/2007	0056872-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	01/19/2007	0056872-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	6.3	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	01/19/2007	0056872-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	01/19/2007	0056872-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0

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REPORT OF LABORATORY ANALYSIS

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Lab Sample ID: 0701-2137

Client Sample ID: Post-Carb

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
Trichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	400	2.0	ug/l	MAK	01/19/2007	0056872-1	<2.0
m,p-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<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 0701-2137 was composited from 4 samples prior to analysis.

REPORT OF LABORATORY ANALYSIS

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Pittsburgh, PA 15220

Lab Project ID: 07-0537
Lab Sample ID: 0701-2138
Client Sample ID: TB-01
Sample Matrix: Aqueous

Date Sampled: 01/16/2007
Date Received: 01/17/2007

Client Site: Essex-Hope
Client Ref.: 41567715

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	01/19/2007	0056872-1	<10
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	MAK	01/19/2007	0056872-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	01/19/2007	0056872-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	01/19/2007	0056872-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	01/19/2007	0056872-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0

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Lab Sample ID: 0701-2138

Client Sample ID: TB-01

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
Trichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	<2.0	2.0	ug/l	MAK	01/19/2007	0056872-1	<2.0
m,p-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<5.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/19/2007	0056872-1	<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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The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

ALLQ020rev.3,31 Mar05

Additional Comments:	RELINQUISHED BY / AFFILIATION		DATE		ACCEPTED BY / AFFILIATION		DATE		TIME		SAMPLE CONDITION																					
COMPOSITE FOUR(4) POST-CARB SAMPLES IN LAB AND REPORT AS POST-CARB COMPOSITE.	Haining Mahto / IERS		11/00/16		3rd Ex # 8549		4/6/75		6/187		11/00/16																					
	<table border="1"> <thead> <tr> <th colspan="2">SAMPLER NAME AND SIGNATURE</th> <th rowspan="2">Temp in °C</th> <th rowspan="2">Received on ice</th> <th rowspan="2">Custody Sealed Cooler</th> <th rowspan="2">Samples Intact</th> </tr> <tr> <th>PRINT Name of SAMPLER</th> <th>SIGNATURE of SAMPLER</th> </tr> </thead> <tbody> <tr> <td>VALERIE SIBETO</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>												SAMPLER NAME AND SIGNATURE		Temp in °C	Received on ice	Custody Sealed Cooler	Samples Intact	PRINT Name of SAMPLER	SIGNATURE of SAMPLER	VALERIE SIBETO											
SAMPLER NAME AND SIGNATURE		Temp in °C	Received on ice	Custody Sealed Cooler	Samples Intact																											
PRINT Name of SAMPLER	SIGNATURE of SAMPLER																															
VALERIE SIBETO																																
					DATE Signed (MM / DD / YY)		11/00/16																									

February 27, 2007

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 13, 2007. 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 07-1147 when inquiring about this report.

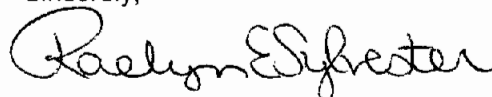
Client Site: Essex-Hope
Client Ref.: 41567920

Pace Sample Identification	Client Sample Identification
0702-1566	Pre-Carb
0702-1567	Primary-Eff
0702-1568	Post-Carb
0702-1569	Trip Blank

General Comments: Cooler temperature 5 ° 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: 07-1147
Lab Sample ID: 0702-1566
Client Sample ID: Pre-Carb
Sample Matrix: Aqueous

Date Sampled: 02/12/2007
Date Received: 02/13/2007

Client Site: Essex-Hope
Client Ref.: 41567920

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	02/20/2007	0057803-1	<10
Benzene	8260B ⁽¹⁾	8.5	1.0	ug/l	MAK	02/20/2007	0057803-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	02/20/2007	0057803-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	21	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	4500	50	ug/l	MAK	02/20/2007	0057803-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	32	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	02/20/2007	0057803-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	02/20/2007	0057803-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0

(Continued)

REPORT OF LABORATORY ANALYSIS

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Lab Sample ID: 0702-1566
Client Sample ID: Pre-Carb

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
Trichloroethene	8260B ⁽¹⁾	1500	50	ug/l	MAK	02/20/2007	0057803-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	610	100	ug/l	MAK	02/20/2007	0057803-1	<2.0
m,p-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<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: 07-1147
Lab Sample ID: 0702-1567
Client Sample ID: Primary-Eff
Sample Matrix: Aqueous

Date Sampled: 02/12/2007
Date Received: 02/13/2007

Client Site: Essex-Hope
Client Ref.: 41567920

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	02/20/2007	0057803-1	<10
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	MAK	02/20/2007	0057803-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	02/20/2007	0057803-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	11	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	3200	50	ug/l	MAK	02/20/2007	0057803-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	13	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	02/20/2007	0057803-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	02/20/2007	0057803-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0

(Continued)

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Lab Sample ID: 0702-1567
Client Sample ID: Primary-Eff

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
Trichloroethene	8260B ⁽¹⁾	69	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	510	100	ug/l	MAK	02/20/2007	0057803-1	<2.0
m,p-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<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: 07-1147
Lab Sample ID: 0702-1568
Client Sample ID: Post-Carb
Sample Matrix: Aqueous

Date Sampled: 02/12/2007
Date Received: 02/13/2007

Client Site: Essex-Hope
Client Ref.: 41567920

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	02/20/2007	0057803-1	<10
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	MAK	02/20/2007	0057803-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	02/20/2007	0057803-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	5.6	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	02/20/2007	0057803-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	02/20/2007	0057803-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0

(Continued)

REPORT OF LABORATORY ANALYSIS

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Lab Sample ID: 0702-1568
Client Sample ID: Post-Carb

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
Trichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	530	20	ug/l	MAK	02/21/2007	0057831-1	<2.0
m,p-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<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 0702-1568 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: 07-1147
Lab Sample ID: 0702-1569
Client Sample ID: Trip Blank
Sample Matrix: Aqueous

Date Sampled: 02/12/2007
Date Received: 02/13/2007

Client Site: Essex-Hope
Client Ref.: 41567920

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	02/20/2007	0057803-1	<10
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	MAK	02/20/2007	0057803-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	02/20/2007	0057803-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	22	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	02/20/2007	0057803-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	02/20/2007	0057803-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0

(Continued)

REPORT OF LABORATORY ANALYSIS

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Lab Sample ID: 0702-1569
Client Sample ID: Trip Blank

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
Trichloroethene	8260B ⁽¹⁾	7.3	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	<2.0	2.0	ug/l	MAK	02/20/2007	0057803-1	<2.0
m,p-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<5.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	02/20/2007	0057803-1	<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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SEE REVERSE SIDE FOR INSTRUCTIONS

SAMPLER NAME AND SIGNATURE			
PRINT Name of SAMPLER:		VALERIE SIBERT	
SIGNATURE OF SAMPLER:		<i>[Signature]</i>	
DATE Signed (MM / DD / YY)		2-13-07	
Temp in °C	Received on Ice	Custody Sealed Cooler	Samples Intact

ALL0020rev.3.31Mar05

ALLQ020rev.3,31Mar05

March 27, 2007

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 13, 2007. 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 07-1856 when inquiring about this report.

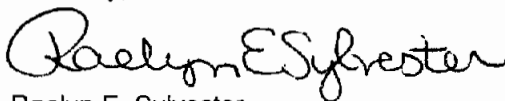
Client Site: Essex-Hope
Client Ref.: 41567920.10000

Pace Sample Identification	Client Sample Identification
0703-2173	Pre-Carb
0703-2174	Primary Effluent
0703-2175	Post-Carb
0703-2176	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: 07-1856
Lab Sample ID: 0703-2173
Client Sample ID: Pre-Carb
Sample Matrix: Aqueous

Date Sampled: 03/12/2007
Date Received: 03/13/2007

Client Site: Essex-Hope
Client Ref.: 41567920.10000

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	03/22/2007	0058839-1	<10
Benzene	8260B ⁽¹⁾	5.4	1.0	ug/l	MAK	03/22/2007	0058839-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	03/22/2007	0058839-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	14	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	3200	50	ug/l	MAK	03/22/2007	0058839-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	03/22/2007	0058839-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	03/22/2007	0058839-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0

(Continued)

REPORT OF LABORATORY ANALYSIS

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Lab Sample ID: 0703-2173
Client Sample ID: Pre-Carb

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
Trichloroethene	8260B ⁽¹⁾	1000	50	ug/l	MAK	03/22/2007	0058839-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	360	2.0	ug/l	MAK	03/22/2007	0058839-1	<2.0
m,p-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<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: 07-1856
Lab Sample ID: 0703-2174
Client Sample ID: Primary Effluent
Sample Matrix: Aqueous

Date Sampled: 03/12/2007
Date Received: 03/13/2007

Client Site: Essex-Hope
Client Ref.: 41567920.10000

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	03/22/2007	0058839-1	<10
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	MAK	03/22/2007	0058839-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	03/22/2007	0058839-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	5.1	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	03/22/2007	0058839-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	03/22/2007	0058839-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0

(Continued)

REPORT OF LABORATORY ANALYSIS

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Lab Sample ID: 0703-2174
Client Sample ID: Primary Effluent

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
Trichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	680	100	ug/l	MAK	03/22/2007	0058839-1	<2.0
m,p-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<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: 07-1856
Lab Sample ID: 0703-2175
Client Sample ID: Post-Carb
Sample Matrix: Aqueous

Date Sampled: 03/12/2007
Date Received: 03/13/2007

Client Site: Essex-Hope
Client Ref.: 41567920.10000

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	03/22/2007	0058839-1	<10
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	MAK	03/22/2007	0058839-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	03/22/2007	0058839-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	29	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	03/22/2007	0058839-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	03/22/2007	0058839-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0

(Continued)

REPORT OF LABORATORY ANALYSIS

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Lab Sample ID: 0703-2175
Client Sample ID: Post-Carb

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
Trichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	9.9	2.0	ug/l	MAK	03/22/2007	0058839-1	<2.0
m,p-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<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 0703-2175 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: 07-1856
Lab Sample ID: 0703-2176
Client Sample ID: TB-01
Sample Matrix: Aqueous

Date Sampled: 03/12/2007
Date Received: 03/13/2007

Client Site: Essex-Hope
Client Ref.: 41567920.10000

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	03/22/2007	0058839-1	<10
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	MAK	03/22/2007	0058839-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	03/22/2007	0058839-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	03/22/2007	0058839-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	03/22/2007	0058839-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0

(Continued)

REPORT OF LABORATORY ANALYSIS

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Lab Sample ID: 0703-2176
Client Sample ID: TB-01

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
Trichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	<2.0	2.0	ug/l	MAK	03/22/2007	0058839-1	<2.0
m,p-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<5.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	03/22/2007	0058839-1	<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: **URS CORP**
Address: **POSTER BLVD, STE 300**
501 HOLIDAY DR,
WITTSBURGH, PA 15220
Email To:

Section B

Required Project Information:

Report To: **MARK DOWIAK**
Copy To: **VALERIE SIBETO**
Purchase Order No.: **41507020**
Project Name: **ESSEX/HOPKINSON TOWN**
Project Number: **41507020**

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

☐ GA ☐ IL ☐ IN ☐ MI ☐ MN ☐ NC
☐ OH ☐ SC ☐ WI ☐ OTHER **NY**

ITEM #	Section D Required Client Information		Valid Matrix Codes		MATRIX CODE	SAMPLE TYPE	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives							Filtered (Y/N)	Requested Analysis:	Residual Chlorine (Y/N)	Pace Project Number	Lab ID
	Sample ID	One Character per box (A-Z, 0-9 / -)	Matrix	Code			COMPOSITE START	COMPOSITE END/GRAB			Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol					
1	PRE-CARB				MTG	G-RAB C-COMP	DATE	TIME	DATE	TIME												
2	PRE-MARV-EFF																					
3	POST-CARB																					
4	POST-CARB																					
5	POST-CARB																					
6	POST-CARB																					
7	TB-OI																					
8																						
9																						
10																						
11																						
12																						

Additional Comments:

COMPOSITE FOUR(4) POST-CARB
SAMPLES IN LAB AND
REPORT AS POST-CARB
COMPOSITE

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: **VALERIE SIBETO**
SIGNATURE of SAMPLER: *Valerie Sibeto*
DATE Signed (MM/DD/YY): **3/12/07**

April 27, 2007

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 13, 2007. 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 07-2930 when inquiring about this report.

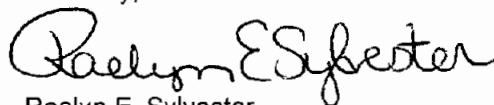
Client Site: Essex-Hope
Client Ref.: 41567920

Pace Sample Identification	Client Sample Identification
0704-2292	Pre-Carb
0704-2293	Primary Effluent
0704-2294	Post-Carb
0704-2295	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: 07-2930
Lab Sample ID: 0704-2292
Client Sample ID: Pre-Carb
Sample Matrix: Aqueous

Date Sampled: 04/12/2007
Date Received: 04/13/2007

Client Site: Essex-Hope
Client Ref.: 41567920

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Volatile Organic Compounds, MS								
Acetone	8260B ⁽¹⁾	12	10	ug/l	EAC	04/25/2007	0060096-1	<10
Benzene	8260B ⁽¹⁾	5.4	1.0	ug/l	EAC	04/25/2007	0060096-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	EAC	04/25/2007	0060096-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	11	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	2000	20	ug/l	EAC	04/26/2007	0060152-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	22	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	EAC	04/25/2007	0060096-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	EAC	04/25/2007	0060096-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0

(Continued)

REPORT OF LABORATORY ANALYSIS

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Lab Sample ID: 0704-2292
Client Sample ID: Pre-Carb

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
Trichloroethene	8260B ⁽¹⁾	420	20	ug/l	EAC	04/26/2007	0060152-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	340	2.0	ug/l	EAC	04/25/2007	0060096-1	<2.0
m,p-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<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: 07-2930
Lab Sample ID: 0704-2293
Client Sample ID: Primary Effluent
Sample Matrix: Aqueous

Date Sampled: 04/12/2007
Date Received: 04/13/2007

Client Site: Essex-Hope
Client Ref.: 41567920

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	04/25/2007	0060096-1	<10
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	EAC	04/25/2007	0060096-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	EAC	04/25/2007	0060096-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	7.3	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	EAC	04/25/2007	0060096-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	EAC	04/25/2007	0060096-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0

(Continued)

REPORT OF LABORATORY ANALYSIS

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Lab Sample ID: 0704-2293
Client Sample ID: Primary Effluent

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
Trichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	690	20	ug/l	EAC	04/26/2007	0060152-1	<2.0
m,p-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<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: 07-2930
Lab Sample ID: 0704-2294
Client Sample ID: Post-Carb
Sample Matrix: Aqueous

Date Sampled: 04/12/2007
Date Received: 04/13/2007

Client Site: Essex-Hope
Client Ref.: 41567920

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	04/25/2007	0060096-1	<10
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	EAC	04/25/2007	0060096-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	EAC	04/25/2007	0060096-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	17	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	EAC	04/25/2007	0060096-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	EAC	04/25/2007	0060096-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0

(Continued)

REPORT OF LABORATORY ANALYSIS

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Lab Sample ID: 0704-2294
Client Sample ID: Post-Carb

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
Trichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	290	2.0	ug/l	EAC	04/25/2007	0060096-1	<2.0
m,p-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<5.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/25/2007	0060096-1	<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 0704-2294 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: 07-2930
Lab Sample ID: 0704-2295
Client Sample ID: TB-01
Sample Matrix: Aqueous

Date Sampled: 04/12/2007
Date Received: 04/13/2007

Client Site: Essex-Hope
Client Ref.: 41567920

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	04/26/2007	0060152-1	<10
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	EAC	04/26/2007	0060152-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/26/2007	0060152-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/26/2007	0060152-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/26/2007	0060152-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	EAC	04/26/2007	0060152-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/26/2007	0060152-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/26/2007	0060152-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/26/2007	0060152-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/26/2007	0060152-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/26/2007	0060152-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/26/2007	0060152-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/26/2007	0060152-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/26/2007	0060152-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/26/2007	0060152-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/26/2007	0060152-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/26/2007	0060152-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/26/2007	0060152-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/26/2007	0060152-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/26/2007	0060152-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/26/2007	0060152-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/26/2007	0060152-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/26/2007	0060152-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/26/2007	0060152-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/26/2007	0060152-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/26/2007	0060152-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	EAC	04/26/2007	0060152-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	EAC	04/26/2007	0060152-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/26/2007	0060152-1	<5.0

(Continued)

REPORT OF LABORATORY ANALYSIS

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Lab Sample ID: 0704-2295

Client Sample ID: TB-01

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/26/2007	0060152-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/26/2007	0060152-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/26/2007	0060152-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/26/2007	0060152-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/26/2007	0060152-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/26/2007	0060152-1	<5.0
Trichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/26/2007	0060152-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/26/2007	0060152-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	<2.0	2.0	ug/l	EAC	04/26/2007	0060152-1	<2.0
m,p-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/26/2007	0060152-1	<5.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	04/26/2007	0060152-1	<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: **URS CORP**
Address: **PO BOX 20244, STE 300**
501 HOGAN DR.
SPRINGFIELD, MA 01104
Email To: **URS CORP, MA 01104**

Section B

Required Project Information:

Report To: **MARK ROWAN**
Copy To: **VALERIE SIBERT**
Purchase Order No.: **41567920**
Project Name: **LESTER WARE JAMES TOWN**
Project Number: **41567920**

Section C

Invoice Information:

Attention: *****
Company Name: **VALERIE SIBERT**
Address: **VALERIE SIBERT**
Place Quote Reference: **VALERIE SIBERT**
Place Project Manager: **VALERIE SIBERT**
Place Profile #: **VALERIE SIBERT**

Section D

Required Client Information:

Valid Matrix Codes
MATRIX CODE
DRINKING WATER DW
WASTE WATER WW
PRODUCT P
SOILSOLID SL
OIL OIL
WIPE WP
AIR AR
OTHER OT
TISSUE TS

One Character per box.
(A-Z, 0-9, /,)
Samples IDs MUST BE UNIQUE

Section D Required Client Information
SAMPLE ID

Phone 413-824-4200		Fax 413-824-4201		Project Name: LESTER HARRIS JAMES TOWN		Pace Project Manager:	
Requested Due Date/TAT:		Project Number: 015167920		Pace Profile #:			
Section D Required Client Information		Valid Matrix Codes		CODE			
SAMPLE ID		DRINKING WATER		DW			
		WASTE WATER		WW			
		WASTEWATER		WWT			
		SOLID		SL			
		SOLID		SL			
One Character per box. (A-Z, 0-9, /, .)		WIPE		WP			
Samples IDs MUST BE UNIQUE		AIR		AR			
		OTHER		OT			
		TISSUE		TS			
ITEM #	1	PRE-CARB					
	2	PRIMARY-EFF					
	3	POST-CARB					
	4	POST-CARB					
	5	POST-CARB					
	6	POST-CARB					
	7	TB-OI					
	8						
	9						
	10						
	11						
	12						

Filtered (Y/N)		Requested Analysis:		Residual Chlorine (Y/N)		Pace Project Number		Lab ID	
Vias 9760						07-02130		04-2292	
								93	
								04-2294	
								95	
								96	
								97	
								04-229548	

Additional Comments:

COMPOSITE FOUR (4) POST-CARB
SAMPLES IN LAB & REPEAT
ALL POST-CARB COMPOSITE

RELINQUISHED BY / AFFILIATION

DATE: 4-12-07
TIME: 16:45
Signature: Valerie Sibert
Affiliation: Pace - URS

ACCEPTED BY / AFFILIATION

DATE: 4-13-09
TIME: 09:10
Signature: Valerie Sibert
Affiliation: Pace - URS

SAMPLE CONDITION

Temp in °C:
Received:
on Ice:
Custody:
Sealed Cooler:
Samples:
Intact:

SAMPLER NAME AND SIGNATURE

Printer Name of SAMPLER: **VALERIE SIBERT**
Signature of SAMPLER: **Valerie Sibert**
DATE Signed (MM/DD/YY): **4/13/09**

May 23, 2007

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 8, 2007. 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 07-3516 when inquiring about this report.

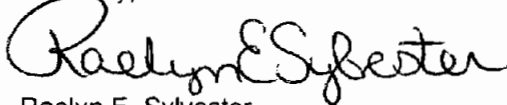
Client Site: Essex-Hope
Client Ref.: 41567920

Pace Sample Identification	Client Sample Identification
0705-1344	Pre-Carb
0705-1345	Primary Effluent
0705-1346	Post-Carb
0705-1347	TB-01

General Comments: Cooler temperature 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

Lab Project ID: 07-3516
Lab Sample ID: 0705-1344
Client Sample ID: Pre-Carb
Sample Matrix: Aqueous

Date Sampled: 05/07/2007
Date Received: 05/08/2007

Client Site: Essex-Hope
Client Ref.: 41567920

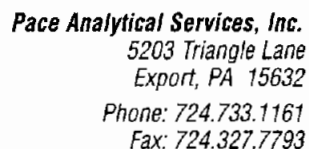
Volatiles

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	JHC	05/21/2007	0060996-1	<10
Benzene	8260B ⁽¹⁾	6.7	1.0	ug/l	JHC	05/21/2007	0060996-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	JHC	05/21/2007	0060996-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	15	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	4000	50	ug/l	JHC	05/21/2007	0060996-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	23	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	JHC	05/21/2007	0060996-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	JHC	05/21/2007	0060996-1	<10
Methylene chloride	8260B ⁽¹⁾	6.3	5.0	ug/l	JHC	05/21/2007	0060996-1	6.6

(Continued)

REPORT OF LABORATORY ANALYSIS

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Lab Sample ID: 0705-1344
Client Sample ID: Pre-Carb

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
Trichloroethene	8260B ⁽¹⁾	1200	50	ug/l	JHC	05/21/2007	0060996-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	530	100	ug/l	JHC	05/21/2007	0060996-1	<2.0
m,p-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<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: 07-3516
Lab Sample ID: 0705-1345
Client Sample ID: Primary Effluent
Sample Matrix: Aqueous

Date Sampled: 05/07/2007
Date Received: 05/08/2007

Client Site: Essex-Hope
Client Ref.: 41567920

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	JHC	05/21/2007	0060996-1	<10
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	JHC	05/21/2007	0060996-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	JHC	05/21/2007	0060996-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	140	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	JHC	05/21/2007	0060996-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	JHC	05/21/2007	0060996-1	<10
Methylene chloride	8260B ⁽¹⁾	6.4	5.0	ug/l	JHC	05/21/2007	0060996-1	6.6

(Continued)

REPORT OF LABORATORY ANALYSIS

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Lab Sample ID: 0705-1345
Client Sample ID: Primary Effluent

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
Trichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	860	100	ug/l	JHC	05/21/2007	0060996-1	<2.0
m,p-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<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: 07-3516
Lab Sample ID: 0705-1346
Client Sample ID: Post-Carb
Sample Matrix: Aqueous

Date Sampled: 05/07/2007
Date Received: 05/08/2007

Client Site: Essex-Hope
Client Ref.: 41567920

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	JHC	05/21/2007	0060996-1	<10
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	JHC	05/21/2007	0060996-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	JHC	05/21/2007	0060996-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	18	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	JHC	05/21/2007	0060996-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	JHC	05/21/2007	0060996-1	<10
Methylene chloride	8260B ⁽¹⁾	6.5	5.0	ug/l	JHC	05/21/2007	0060996-1	6.6

(Continued)

REPORT OF LABORATORY ANALYSIS

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Lab Sample ID: 0705-1346
Client Sample ID: Post-Carb

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
Trichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	790	20	ug/l	JHC	05/22/2007	0061047-1	<2.0
m,p-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<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 0705-1346 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

Lab Project ID: 07-3516
Lab Sample ID: 0705-1347
Client Sample ID: TB-01
Sample Matrix: Aqueous

Date Sampled: 05/07/2007
Date Received: 05/08/2007

Client Site: Essex-Hope
Client Ref.: 41567920

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	JHC	05/21/2007	0060996-1	<10
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	JHC	05/21/2007	0060996-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	JHC	05/21/2007	0060996-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	JHC	05/21/2007	0060996-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	JHC	05/21/2007	0060996-1	<10
Methylene chloride	8260B ⁽¹⁾	6.9	5.0	ug/l	JHC	05/21/2007	0060996-1	6.6

(Continued)

REPORT OF LABORATORY ANALYSIS

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Lab Sample ID: 0705-1347
Client Sample ID: TB-01

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
Trichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	<2.0	2.0	ug/l	JHC	05/21/2007	0060996-1	<2.0
m,p-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<5.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	05/21/2007	0060996-1	<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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June 22, 2007

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 7, 2007. 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 07-4265 when inquiring about this report.

Client Site: Essex-Hope
Client Ref.: 41567920.10000

Pace Sample Identification	Client Sample Identification
0706-1262	Pre-Carb
0706-1263	Primary-Eff
0706-1264	Post-Carb
0706-1265	TB-01

General Comments: Cooler temperature 4 ° C upon receipt. Ice was present.

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

Sincerely,



for Raelyn E. Sylvester
Project Manager

REC: jld

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: 07-4265
Lab Sample ID: 0706-1262
Client Sample ID: Pre-Carb
Sample Matrix: Aqueous

Date Sampled: 06/06/2007
Date Received: 06/07/2007

Client Site: Essex-Hope
Client Ref.: 41567920.10000

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	06/19/2007	0062142-1	<10
Benzene	8260B ⁽¹⁾	6.6	1.0	ug/l	MAK	06/19/2007	0062142-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	06/19/2007	0062142-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	17	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	3100	50	ug/l	MAK	06/19/2007	0062142-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	22	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	06/19/2007	0062142-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	06/19/2007	0062142-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0

(Continued)

REPORT OF LABORATORY ANALYSIS

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Lab Sample ID: 0706-1262
Client Sample ID: Pre-Carb

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
Trichloroethene	8260B ⁽¹⁾	650	50	ug/l	MAK	06/19/2007	0062142-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	670	100	ug/l	MAK	06/19/2007	0062142-1	<2.0
m,p-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<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: 07-4265
Lab Sample ID: 0706-1263
Client Sample ID: Primary-Eff
Sample Matrix: Aqueous

Date Sampled: 06/06/2007
Date Received: 06/07/2007

Client Site: Essex-Hope
Client Ref.: 41567920.10000

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	06/19/2007	0062142-1	<10
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	MAK	06/19/2007	0062142-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	06/19/2007	0062142-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	240	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	06/19/2007	0062142-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	06/19/2007	0062142-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0

(Continued)

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Lab Sample ID: 0706-1263
Client Sample ID: Primary-Eff

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
Trichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	910	100	ug/l	MAK	06/19/2007	0062142-1	<2.0
m,p-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<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: **07-4265**
Lab Sample ID: **0706-1264**
Client Sample ID: Post-Carb
Sample Matrix: Aqueous

Date Sampled: 06/06/2007

Date Received: 06/07/2007

Client Site: Essex-Hope
Client Ref.: 41567920.10000

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	06/19/2007	0062142-1	<10
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	MAK	06/19/2007	0062142-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	06/19/2007	0062142-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	21	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	06/19/2007	0062142-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	06/19/2007	0062142-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0

(Continued)

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Lab Sample ID: 0706-1264
Client Sample ID: Post-Carb

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
Trichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	820	100	ug/l	MAK	06/19/2007	0062142-1	<2.0
m,p-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<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 0706-1264 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: 07-4265
Lab Sample ID: 0706-1265
Client Sample ID: TB-01
Sample Matrix: Aqueous

Date Sampled: 06/06/2007
Date Received: 06/07/2007

Client Site: Essex-Hope
Client Ref.: 41567920.10000

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	06/19/2007	0062142-1	<10
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	MAK	06/19/2007	0062142-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	06/19/2007	0062142-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	06/19/2007	0062142-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	06/19/2007	0062142-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0

(Continued)

REPORT OF LABORATORY ANALYSIS

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Lab Sample ID: 0706-1265

Client Sample ID: TB-01

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
Trichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	<2.0	2.0	ug/l	MAK	06/19/2007	0062142-1	<2.0
m,p-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<5.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	06/19/2007	0062142-1	<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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Client Name: URS
Contact: Mark Dowiak
Address: Foster Plaza 4
501 Holiday Drive
Suite 300
Pittsburgh, PA 15220

Page: Page 1 of 3
Lab Proj #: P0706116
Report Date: 06/28/07
Client Proj Name: Essex Hope
Client Proj #: 41567920

Laboratory Results

Total pages in data package: 4

<u>Lab Sample #</u>	<u>Client Sample ID</u>
P0706116-01	NPL PRE-CARB
P0706116-02	NPL POST-CARB

Microseeps test results meet all the requirements of the NELAC standards.

Approved By:

Char Washlaski

The analytical results reported here are reliable and usable to the precision expressed in this report. As required by some regulating authorities, a full discussion of the uncertainty in our analytical results can be obtained at our web site or through customer service. Unless otherwise specified, all results are reported on a wet weight basis.

*As a valued client we would appreciate your comments on our service.
Please call customer service at (412)826-5245 or email customerservice@microseeps.com.*

Case Narrative:

Client Name: URS
 Contact: Mark Dowiak
 Address: Foster Plaza 4
 501 Holiday Drive
 Suite 300
 Pittsburgh, PA 15220

Page: Page 2 of 3
 Lab Proj #: P0706116
 Report Date: 06/28/07
 Client Proj Name: Essex Hope
 Client Proj #: 41567920

<u>Sample Description</u>	<u>Matrix</u>	<u>Lab Sample #</u>	<u>Sampled Date/Time</u>	<u>Received</u>		
NPL PRE-CARB	Vapor	P0706116-01	06 Jun. 07 16:30	07 Jun. 07 12:14		
<u>Analyte(s)</u>	<u>Result</u>	<u>PQL</u>	<u>Units</u>	<u>Method #</u>	<u>Analysis Date</u>	<u>By</u>
RiskAnalysis						
N 1,1,1-Trichloroethane	<0.0050	0.0050	PPMV	AM4.02	6/26/07	rw
N 1,1,2,2-Tetrachloroethane	<0.0100	0.0100	PPMV	AM4.02	6/26/07	rw
N 1,1,2-Trichloroethane	<0.0100	0.0100	PPMV	AM4.02	6/26/07	rw
N 1,1-Dichloroethane	<0.0200	0.0200	PPMV	AM4.02	6/26/07	rw
N 1,1-Dichloroethene	<0.0100	0.0100	PPMV	AM4.02	6/26/07	rw
N 1,2-Dichlorobenzene	<0.1000	0.1000	PPMV	AM4.02	6/26/07	rw
N 1,2-Dichloroethane	<0.0200	0.0200	PPMV	AM4.02	6/26/07	rw
N 1,2-Dichloropropane	<0.0200	0.0200	PPMV	AM4.02	6/26/07	rw
N 1,3-Dichlorobenzene	<0.1000	0.1000	PPMV	AM4.02	6/26/07	rw
N 1,4-Dichlorobenzene	<0.1000	0.1000	PPMV	AM4.02	6/26/07	rw
N Benzene	<0.1000	0.1000	PPMV	AM4.02	6/26/07	rw
N Bromodichloromethane	<0.0100	0.0100	PPMV	AM4.02	6/26/07	rw
N Bromoform	<0.0100	0.0100	PPMV	AM4.02	6/26/07	rw
N Bromomethane/Chloroethane	<1.0000	1.0000	PPMV	AM4.02	6/26/07	rw
N Carbon Tetrachloride	<0.0050	0.0050	PPMV	AM4.02	6/26/07	rw
N Chlorobenzene	<0.1000	0.1000	PPMV	AM4.02	6/26/07	rw
N Chlorodibromomethane	<0.0100	0.0100	PPMV	AM4.02	6/26/07	rw
N Chloroform	<0.0050	0.0050	PPMV	AM4.02	6/26/07	rw
N Chloromethane	<2.0000	2.0000	PPMV	AM4.02	6/26/07	rw
N cis-1,2-Dichloroethene	<0.0200	0.0200	PPMV	AM4.02	6/26/07	rw
N cis-1,3-Dichloropropene	<0.0100	0.0100	PPMV	AM4.02	6/26/07	rw
N Ethylbenzene	<0.1000	0.1000	PPMV	AM4.02	6/26/07	rw
N m & p-Xylene	<0.2000	0.2000	PPMV	AM4.02	6/26/07	rw
N Methylene Chloride	<2.0000	2.0000	PPMV	AM4.02	6/26/07	rw
N o-Xylene	<0.1000	0.1000	PPMV	AM4.02	6/26/07	rw
N Tetrachloroethene	<0.0100	0.0100	PPMV	AM4.02	6/26/07	rw
N Toluene	<0.1000	0.1000	PPMV	AM4.02	6/26/07	rw
N trans-1,2-Dichloroethene	<0.0100	0.0100	PPMV	AM4.02	6/26/07	rw
N trans-1,3-Dichloropropene	<0.0200	0.0200	PPMV	AM4.02	6/26/07	rw
N Trichloroethene	0.0287	0.0100	PPMV	AM4.02	6/26/07	rw
N Trichlorofluoromethane	<0.0050	0.0050	PPMV	AM4.02	6/26/07	rw
N Vinyl Chloride	<1.0000	1.0000	PPMV	AM4.02	6/26/07	rw



Client Name: URS
 Contact: Mark Dowiak
 Address: Foster Plaza 4
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 Suite 300
 Pittsburgh, PA 15220

Page: Page 3 of 3
 Lab Proj #: P0706116
 Report Date: 06/28/07
 Client Proj Name: Essex Hope
 Client Proj #: 41567920

<u>Sample Description</u>	<u>Matrix</u>	<u>Lab Sample #</u>	<u>Sampled Date/Time</u>	<u>Received</u>		
NPL POST-CARB	Vapor	P0706116-02	06 Jun. 07 16:35	07 Jun. 07 12:14		
<u>Analyte(s)</u>	<u>Result</u>	<u>PQL</u>	<u>Units</u>	<u>Method #</u>	<u>Analysis Date</u>	<u>By</u>
<u>RiskAnalysis</u>						
N 1,1,1-Trichloroethane	<0.0050	0.0050	PPMV	AM4.02	6/26/07	rw
N 1,1,2,2-Tetrachloroethane	<0.0100	0.0100	PPMV	AM4.02	6/26/07	rw
N 1,1,2-Trichloroethane	<0.0100	0.0100	PPMV	AM4.02	6/26/07	rw
N 1,1-Dichloroethane	<0.0200	0.0200	PPMV	AM4.02	6/26/07	rw
N 1,1-Dichloroethene	<0.0100	0.0100	PPMV	AM4.02	6/26/07	rw
N 1,2-Dichlorobenzene	<0.1000	0.1000	PPMV	AM4.02	6/26/07	rw
N 1,2-Dichloroethane	<0.0200	0.0200	PPMV	AM4.02	6/26/07	rw
N 1,2-Dichloropropane	<0.0200	0.0200	PPMV	AM4.02	6/26/07	rw
N 1,3-Dichlorobenzene	<0.1000	0.1000	PPMV	AM4.02	6/26/07	rw
N 1,4-Dichlorobenzene	<0.1000	0.1000	PPMV	AM4.02	6/26/07	rw
N Benzene	<0.1000	0.1000	PPMV	AM4.02	6/26/07	rw
N Bromodichloromethane	<0.0100	0.0100	PPMV	AM4.02	6/26/07	rw
N Bromoform	<0.0100	0.0100	PPMV	AM4.02	6/26/07	rw
N Bromomethane/Chloroethane	<1.0000	1.0000	PPMV	AM4.02	6/26/07	rw
N Carbon Tetrachloride	<0.0050	0.0050	PPMV	AM4.02	6/26/07	rw
N Chlorobenzene	<0.1000	0.1000	PPMV	AM4.02	6/26/07	rw
N Chlorodibromomethane	<0.0100	0.0100	PPMV	AM4.02	6/26/07	rw
N Chloroform	<0.0050	0.0050	PPMV	AM4.02	6/26/07	rw
N Chloromethane	<2.0000	2.0000	PPMV	AM4.02	6/26/07	rw
N cis-1,2-Dichloroethene	<0.0200	0.0200	PPMV	AM4.02	6/26/07	rw
N cis-1,3-Dichloropropene	<0.0100	0.0100	PPMV	AM4.02	6/26/07	rw
N Ethylbenzene	<0.1000	0.1000	PPMV	AM4.02	6/26/07	rw
N m & p-Xylene	<0.2000	0.2000	PPMV	AM4.02	6/26/07	rw
N Methylene Chloride	<2.0000	2.0000	PPMV	AM4.02	6/26/07	rw
N o-Xylene	<0.1000	0.1000	PPMV	AM4.02	6/26/07	rw
N Tetrachloroethene	<0.0100	0.0100	PPMV	AM4.02	6/26/07	rw
N Toluene	<0.1000	0.1000	PPMV	AM4.02	6/26/07	rw
N trans-1,2-Dichloroethene	<0.0100	0.0100	PPMV	AM4.02	6/26/07	rw
N trans-1,3-Dichloropropene	<0.0200	0.0200	PPMV	AM4.02	6/26/07	rw
N Trichloroethene	0.0345	0.0100	PPMV	AM4.02	6/26/07	rw
N Trichlorofluoromethane	<0.0050	0.0050	PPMV	AM4.02	6/26/07	rw
N Vinyl Chloride	<1.0000	1.0000	PPMV	AM4.02	6/26/07	rw



Phone: (412) 826-5245

Microseeps, Inc. - 220 William Pitt Way - Pittsburgh PA 15238

Fax No. : (412) 828-3433

Company :

Co. Address :

Phone # :

Proj. Manager :

Proj. Name/Number :

Sampler's signature :

25

Salmonella

413 563 4760 Fax #: 413 563 4761

Private Bank

4567420

1

Cooler Temp.

[illegible]

Results to :

Mark A. Valencio

Invoice to :

Remarks:

Relinquished by :

John Carver, Jr.

Company :

52

Date :

6/27

Time :	Received by :
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1730
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L

Company :

33

Date :	Time :
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16107 1730

Relinquished by :

Company :

Date :

Time :	Received by :
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Company :

Date:	Time:
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WHITE COPY : Accompany Samples

YELLOW COPY : Laboratory File

PINK COPY : Submitter