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Mr. Randall Peterson, P.E.
Engineering & Operations Manager
Division of Wastewater/Solid Waste
Jamestown Board of Public Utilities
P.O. Box 700
Jamestown, NY 14702-0700

**Subject: Essex/Hope Site
Semi-Annual Self Monitoring Report
July through December 2007
BPU Permit No. 26
URS Project No. 41567920**

Dear Mr. Peterson:

This submittal represents the July through December 2007 monitoring report in accordance with the City of Jamestown Board of Public Utilities Industrial Wastewater Discharge Permit Number 26 for the Essex Specialty Products, Inc facility referenced above. For reporting purposes, Essex Specialty Products, Inc., is classified as a Significant Industrial User subject to Categorical Pretreatment Standards. As such, this report has been developed in accordance with the requirements of 40 CFR 403.12(e).

Specific requirements included in this report as shown on Table 1 are as follows:

- Concentrations of Total Toxic Organics (TTOs) in discharge to POTW as measured monthly. Note: The Baseline Monitoring conducted for the discharge identified volatile organic compounds (VOCs) as approximately 98% of the influent TTO component. Non-volatile components historically were not a major component of chemical usage at the site. Based on these conditions, the permit requires sampling of VOCs to measure TTO concentration.
- pH of discharge to POTW as measured monthly.
- Flow rate of discharge to POTW as measured monthly.
- Estimated daily average and maximum flow rates.

URS Corporation
Foster Plaza 4, Suite 300
501 Holiday Drive
Pittsburgh, PA 15205
Tel: 412-503-4700
Fax: 412-503-4701
www.urscorp.com

This Semi-Annual Report contains system influent and effluent data for July through December 2007. There were no discharge noncompliance events that occurred during this reporting period. The system carbon was changed out in October 2007.

Table 1 summarizes the monthly discharge rates, and the total VOCs and constituents detected in the discharge to the POTW for each month. Discharge flow rates for the reporting period ranged from 105,930 to 163,283 gallons per month over the reporting period. The daily average flow rates shown on Table 1 were estimated based upon the total volume of water discharged per month. Daily maximum flow rates were estimated to be 20 percent greater than daily averages. The supporting Laboratory Certificates of Analysis for the reported concentrations of VOCs are also attached.

We trust that this submittal satisfies our reporting obligation pursuant to 40 CFR 403.12. If you have any questions or require additional information, please contact me at (412) 503-4672.

Sincerely,

URS



Mark Dowiak, P.E.
Project Manager

Attachment

cc: Tim King (Dow)
Maurice Moore (NYSDEC)
Valerie Sibeto (URS)

Table 1

July - December 2007
Post Carbon (Effluent) Monitoring Data
Essex/Hope Site
Jamestown, NY

Reporting Requirements for Pre-Treated Discharge (System Effluent to POTW)	Industrial Wastewater Discharge Permit #26 Limits	July	August	September**	October	November	December
POTW Discharge Analytical Data							
Total VOCs (µg/L)	2,130 µg/L (TTO)	627	995	730	500	470	550
Detected Compounds	Report	cis-1,2-DCE and vinyl chloride	cis-1,2-DCE and vinyl chloride	vinyl chloride	cis-1,2-DCE and vinyl chloride	cis-1,2-DCE and vinyl chloride	cis-1,2-DCE and vinyl chloride
pH (Standard Units)	5.5 to 10	7.34	7.21	7.25	7.11	7.11	7.01
		7.39	7.22	7.22	7.09	7.08	6.99
		7.47	7.26	7.21	7.05	7.12	6.77
		7.49	7.29	7.17	7.04	7.13	6.74
POTW Discharge Flow Data							
Monthly Total Flow (gallons)	Report	110,709	136,080	146,895	163,283	160,728	105,930
Average Daily Flow (gallons)	Report	3,571	4,390	4,897	5,267	5,358	3,417
Maximum Daily Flow (gallons)	Report	4,286	5,268	5,876	6,321	6,429	4,101

Notes:

Jamestown BPU Industrial Wastewater Discharge Permit #26 effective 11/5/02 through 11/4/07

Maximum Daily Flow is estimated to be 20% greater than Average Daily Flow.

VOCs sample is a laboratory prepared composite of 4 grab samples collected from the pre-treatment system discharge to the POTW at 30 minute intervals.

pH measurements recorded are concurrent with the time of each grab sample.

NM = Not Measured

TTO = Total Toxic Organics

System carbon changed out on October 9, 2007.

** September analytical results are inaccurate due to laboratory error in analyzing sample at a dilution only.

ATTACHMENTS

LABORATORY ANALYTICAL REPORTS

July 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 July 5, 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 07-5310 when inquiring about this report.

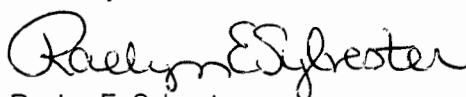
Client Site: Essex-Hope
Client Ref.: 41567920.10000

Pace Sample Identification	Client Sample Identification
0707-0877	Pre-Carb
0707-0878	Primary Effluent
0707-0879	Post-Carb
0707-0880	TB-01

General Comments: Cooler temperature 7 ° 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: 07-5310
Lab Sample ID: 0707-0877
Client Sample ID: Pre-Carb
Sample Matrix: Aqueous

Date Sampled: 07/03/2007
Date Received: 07/05/2007

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	EAC	07/16/2007	0063121-1	<10
Benzene	8260B ⁽¹⁾	8.6	1.0	ug/l	EAC	07/16/2007	0063121-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	EAC	07/16/2007	0063121-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	18	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	4600	50	ug/l	EAC	07/19/2007	0063206-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	45	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	5.2	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	EAC	07/16/2007	0063121-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	EAC	07/16/2007	0063121-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0

(Continued)

REPORT OF LABORATORY ANALYSIS

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Lab Sample ID: 0707-0877
Client Sample ID: Pre-Carb

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
Trichloroethene	8260B ⁽¹⁾	1700	50	ug/l	EAC	07/19/2007	0063206-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	480	100	ug/l	EAC	07/19/2007	0063206-1	<2.0
m,p-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0

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

Sample Comments: Results reported on an as received basis.

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Pace Analytical Services
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Export, PA
Phone: 724.73
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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: 07-5310
Lab Sample ID: 0707-0878
Client Sample ID: Primary Effluent
Sample Matrix: Aqueous

Date Sampled: 07/03/2007
Date Received: 07/05/2007

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	EAC	07/16/2007	0063121-1	<10
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	EAC	07/16/2007	0063121-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	EAC	07/16/2007	0063121-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	810	20	ug/l	EAC	07/19/2007	0063206-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	EAC	07/16/2007	0063121-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	EAC	07/16/2007	0063121-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0

(Continued)

REPORT OF LABORATORY ANALYSIS

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Lab Sample ID: 0707-0878
Client Sample ID: Primary Effluent

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
Trichloroethene	8260B ⁽¹⁾	27	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	600	40	ug/l	EAC	07/19/2007	0063206-1	<2.0
m,p-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0

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

Sample Comments: Results reported on an as received basis.

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Pace Analytical Services
5203 Triangle
Export, PA 1
Phone: 724.733.
Fax: 724.327.

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

Lab Project ID: 07-5310
Lab Sample ID: 0707-0879
Client Sample ID: Post-Carb
Sample Matrix: Aqueous

Date Sampled: 07/03/2007
Date Received: 07/05/2007

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	EAC	07/16/2007	0063121-1	<10
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	EAC	07/16/2007	0063121-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	EAC	07/16/2007	0063121-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	17	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	EAC	07/16/2007	0063121-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	EAC	07/16/2007	0063121-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0

(Continued)

REPORT OF LABORATORY ANALYSIS

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Lab Sample ID: 0707-0879
Client Sample ID: Post-Carb

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
Trichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	610	40	ug/l	EAC	07/19/2007	0063206-1	<2.0
m,p-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<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 0707-0879 was composited from 4 samples prior to analysis.

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services
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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: 07-5310
Lab Sample ID: 0707-0880
Client Sample ID: TB-01
Sample Matrix: Aqueous

Date Sampled: 07/03/2007
Date Received: 07/05/2007

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	EAC	07/16/2007	0063121-1	<10
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	EAC	07/16/2007	0063121-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	EAC	07/16/2007	0063121-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	EAC	07/16/2007	0063121-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	EAC	07/16/2007	0063121-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0

(Continued)

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Lab Sample ID: 0707-0880

Client Sample ID: TB-01

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
Trichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	<2.0	2.0	ug/l	EAC	07/16/2007	0063121-1	<2.0
m,p-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<5.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	EAC	07/16/2007	0063121-1	<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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August 31, 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 August 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 07-6411 when inquiring about this report.

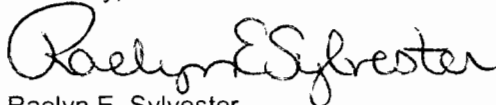
Client Site: Essex-Hope
Client Ref.: 41567920

Pace Sample Identification	Client Sample Identification
0708-3020	Pre-Carb
0708-3021	Primary Effluent
0708-3022	Post-Carb
0708-3023	Trip Blank

General Comments: Cooler temperature 14 ° 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: 07-6411
Lab Sample ID: 0708-3020
Client Sample ID: Pre-Carb
Sample Matrix: Aqueous

Date Sampled: 08/16/2007
Date Received: 08/17/2007

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	DRD	08/29/2007	0064657-1	<10
Benzene	8260B ⁽¹⁾	7.5	1.0	ug/l	DRD	08/29/2007	0064657-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	DRD	08/29/2007	0064657-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	17	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	4200	100	ug/l	DRD	08/30/2007	0064707-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	56	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	DRD	08/29/2007	0064657-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	DRD	08/29/2007	0064657-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0

(Continued)

REPORT OF LABORATORY ANALYSIS

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Lab Sample ID: 0708-3020
Client Sample ID: Pre-Carb

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
Trichloroethene	8260B ⁽¹⁾	1800	100	ug/l	DRD	08/30/2007	0064707-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	470	200	ug/l	DRD	08/30/2007	0064707-1	<2.0
m,p-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<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: 07-6411
Lab Sample ID: 0708-3021
Client Sample ID: Primary Effluent
Sample Matrix: Aqueous

Date Sampled: 08/16/2007
Date Received: 08/17/2007

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	DRD	08/29/2007	0064657-1	<1
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	DRD	08/29/2007	0064657-1	<1
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	DRD	08/29/2007	0064657-1	<1
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5
1,1-Dichloroethene	8260B ⁽¹⁾	8.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5
cis-1,2-Dichloroethene	8260B ⁽¹⁾	3300	100	ug/l	JHC	08/30/2007	0064699-1	<5
trans-1,2-Dichloroethene	8260B ⁽¹⁾	23	5.0	ug/l	DRD	08/29/2007	0064657-1	<5
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	DRD	08/29/2007	0064657-1	<1
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	DRD	08/29/2007	0064657-1	<1
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5

(Continued)

REPORT OF LABORATORY ANALYSIS

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Lab Sample ID: 0708-3021
Client Sample ID: Primary Effluent

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
Trichloroethene	8260B ⁽¹⁾	140	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	550	200	ug/l	JHC	08/30/2007	0064699-1	<2.0
m,p-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<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: 07-6411
Lab Sample ID: 0708-3022
Client Sample ID: Post-Carb
Sample Matrix: Aqueous

Date Sampled: 08/16/2007
Date Received: 08/17/2007

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	DRD	08/29/2007	0064657-1	<10
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	DRD	08/29/2007	0064657-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	DRD	08/29/2007	0064657-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	15	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	DRD	08/29/2007	0064657-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	DRD	08/29/2007	0064657-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.0

(Continued)

REPORT OF LABORATORY ANALYSIS

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Lab Sample ID: 0708-3022
Client Sample ID: Post-Carb

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.
Trichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.
Vinyl chloride	8260B ⁽¹⁾	980	100	ug/l	DRD	08/30/2007	0064707-1	<2.
m,p-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	08/29/2007	0064657-1	<5.

⁽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 0708-3022 was composited from 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: 07-6411
Lab Sample ID: 0708-3023
Client Sample ID: Trip Blank
Sample Matrix: Aqueous

Date Sampled: 08/16/2007
Date Received: 08/17/2007

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	08/29/2007	0064654-1	<10
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	JHC	08/29/2007	0064654-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	08/29/2007	0064654-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	08/29/2007	0064654-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	08/29/2007	0064654-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	JHC	08/29/2007	0064654-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	08/29/2007	0064654-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	08/29/2007	0064654-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	08/29/2007	0064654-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	08/29/2007	0064654-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	08/29/2007	0064654-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	08/29/2007	0064654-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	08/29/2007	0064654-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	08/29/2007	0064654-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	08/29/2007	0064654-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	08/29/2007	0064654-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	08/29/2007	0064654-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	08/29/2007	0064654-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	08/29/2007	0064654-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	08/29/2007	0064654-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	08/29/2007	0064654-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	08/29/2007	0064654-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	08/29/2007	0064654-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	08/29/2007	0064654-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	08/29/2007	0064654-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	08/29/2007	0064654-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	JHC	08/29/2007	0064654-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	JHC	08/29/2007	0064654-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	08/29/2007	0064654-1	<5.0

(Continued)

REPORT OF LABORATORY ANALYSIS

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Lab Sample ID: 0708-3023
Client Sample ID: Trip Blank

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	08/29/2007	0064654-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	08/29/2007	0064654-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	08/29/2007	0064654-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	08/29/2007	0064654-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	08/29/2007	0064654-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	08/29/2007	0064654-1	<5.0
Trichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	08/29/2007	0064654-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	08/29/2007	0064654-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	<2.0	2.0	ug/l	JHC	08/29/2007	0064654-1	<2.0
m,p-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	08/29/2007	0064654-1	<5.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	08/29/2007	0064654-1	<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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CHAIN-OF-CUSTODY / Analytical Request Document

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



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Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	Address:	Report To:	Company Name:	Attention:	Page: 1 of 1
Phone:	Email To:	Copy To:	Address:		1113433
Requested Due Date/TAT:		Purchase Order No.:			
		Project Name:			
		Project Number:			
		REGULATORY AGENCY			
		NPDES		GROUND WATER	
		UST		RCRA	
		Site Location		DRINKING WATER	
		STATE:		OTHER	

ITEM #	Matrix Codes MATRIX / CODE	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives										Analysis Test ↑ Y/N	Requested Analysis Filtered (Y/N)	Residual Chlorine (Y/N)	Pace Project No. / Lab I.D.
			COMPOSITE START	COMPOSITE END/GRAB			DATE	TIME	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other					
1																				
2																				
3																				
4																				
5																				
6																				
7																				
8																				
9																				
10																				
11																				
12																				

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS

SAMPLER NAME AND SIGNATURE

September 26, 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 September 12, 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 07-6955 when inquiring about this report.

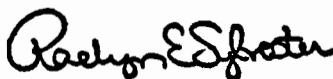
Client Site: Essex-Hope
Client Ref.: 41567920.10000

Pace Sample Identification	Client Sample Identification
0709-1567	Pre-Carb
0709-1568	Primary Effluent
0709-1569	Post-Carb
0709-1570	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

Client Site: Essex-Hope
Client Ref.: 41567920.10000

Lab Project ID: 07-6955
Lab Sample ID: 0709-1567
Client Sample ID: Pre-Carb
Sample Matrix: Aqueous

Date Sampled: 09/11/2007
Date Received: 09/12/2007

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	JHC	09/22/2007	0065468-1	<10
Benzene	8260B ⁽¹⁾	6.1	1.0	ug/l	JHC	09/22/2007	0065468-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	JHC	09/22/2007	0065468-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	14	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	3300	100	ug/l	JHC	09/22/2007	0065468-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	26	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	JHC	09/22/2007	0065468-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	JHC	09/22/2007	0065468-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0

(Continued)

REPORT OF LABORATORY ANALYSIS

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Lab Sample ID: 0709-1567
Client Sample ID: Pre-Carb

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
Trichloroethene	8260B ⁽¹⁾	1400	100	ug/l	JHC	09/22/2007	0065468-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	410	200	ug/l	JHC	09/22/2007	0065468-1	<2.0
m,p-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<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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Pace Analytical Services
5203 Triangl
Export, PA
Phone: 724.73
Fax: 724.32

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

Lab Project ID: 07-6955
Lab Sample ID: 0709-1568
Client Sample ID: Primary Effluent
Sample Matrix: Aqueous

Date Sampled: 09/11/2007
Date Received: 09/12/2007

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	JHC	09/22/2007	0065468-1	<10
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	JHC	09/22/2007	0065468-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	JHC	09/22/2007	0065468-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	9.7	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	3200	100	ug/l	JHC	09/22/2007	0065441-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	13	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	JHC	09/22/2007	0065468-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	JHC	09/22/2007	0065468-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0

(Continued)

REPORT OF LABORATORY ANALYSIS

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Lab Sample ID: 0709-1568
Client Sample ID: Primary Effluent

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
Trichloroethene	8260B ⁽¹⁾	150	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	500	200	ug/l	JHC	09/22/2007	0065441-1	<2.0
m,p-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<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.: 41567920.10000

Lab Project ID: 07-6955
Lab Sample ID: 0709-1569
Client Sample ID: Post-Carb
Sample Matrix: Aqueous

Date Sampled: 09/11/2007
Date Received: 09/12/2007

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Volatile Organic Compounds, MS								
Acetone	8260B ⁽¹⁾	<500	500	ug/l	JHC	09/24/2007	0065527-1	<10
Benzene	8260B ⁽¹⁾	<50	50	ug/l	JHC	09/24/2007	0065527-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<50	50	ug/l	JHC	09/24/2007	0065527-1	<5.0
Bromoform	8260B ⁽¹⁾	<50	50	ug/l	JHC	09/24/2007	0065527-1	<5.0
Bromomethane	8260B ⁽¹⁾	<50	50	ug/l	JHC	09/24/2007	0065527-1	<5.0
2-Butanone	8260B ⁽¹⁾	<500	500	ug/l	JHC	09/24/2007	0065527-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<50	50	ug/l	JHC	09/24/2007	0065527-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<50	50	ug/l	JHC	09/24/2007	0065527-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<50	50	ug/l	JHC	09/24/2007	0065527-1	<5.0
Chloroethane	8260B ⁽¹⁾	<50	50	ug/l	JHC	09/24/2007	0065527-1	<5.0
Chloroform	8260B ⁽¹⁾	<50	50	ug/l	JHC	09/24/2007	0065527-1	<5.0
Chloromethane	8260B ⁽¹⁾	<50	50	ug/l	JHC	09/24/2007	0065527-1	<5.0
Cumene	8260B ⁽¹⁾	<50	50	ug/l	JHC	09/24/2007	0065527-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<50	50	ug/l	JHC	09/24/2007	0065527-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<50	50	ug/l	JHC	09/24/2007	0065527-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<50	50	ug/l	JHC	09/24/2007	0065527-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<50	50	ug/l	JHC	09/24/2007	0065527-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<50	50	ug/l	JHC	09/24/2007	0065527-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<50	50	ug/l	JHC	09/24/2007	0065527-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	<50	50	ug/l	JHC	09/24/2007	0065527-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	<50	50	ug/l	JHC	09/24/2007	0065527-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	<50	50	ug/l	JHC	09/24/2007	0065527-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<50	50	ug/l	JHC	09/24/2007	0065527-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<50	50	ug/l	JHC	09/24/2007	0065527-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<50	50	ug/l	JHC	09/24/2007	0065527-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<50	50	ug/l	JHC	09/24/2007	0065527-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<500	500	ug/l	JHC	09/24/2007	0065527-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<500	500	ug/l	JHC	09/24/2007	0065527-1	<10
Methylene chloride	8260B ⁽¹⁾	<50	50	ug/l	JHC	09/24/2007	0065527-1	<5.0

(Continued)

REPORT OF LABORATORY ANALYSIS

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Lab Sample ID: 0709-1569
Client Sample ID: Post-Carb

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<50	50	ug/l	JHC	09/24/2007	0065527-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<50	50	ug/l	JHC	09/24/2007	0065527-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<50	50	ug/l	JHC	09/24/2007	0065527-1	<5.0
Toluene	8260B ⁽¹⁾	<50	50	ug/l	JHC	09/24/2007	0065527-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<50	50	ug/l	JHC	09/24/2007	0065527-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<50	50	ug/l	JHC	09/24/2007	0065527-1	<5.0
Trichloroethene	8260B ⁽¹⁾	<50	50	ug/l	JHC	09/24/2007	0065527-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<50	50	ug/l	JHC	09/24/2007	0065527-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	730	100	ug/l	JHC	09/24/2007	0065527-1	<2.0
m,p-Xylene	8260B ⁽¹⁾	<100	100	ug/l	JHC	09/24/2007	0065527-1	<5.0
o-Xylene	8260B ⁽¹⁾	<50	50	ug/l	JHC	09/24/2007	0065527-1	<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 0709-1569 was composited from 4 samples prior to analysis.

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

Client Site: Essex-Hope
Client Ref.: 41567920.10000

Pace Analytical Services
5203 Triang
Export, P
Phone: 724.7
Fax: 724.3

Lab Project ID: 07-6955
Lab Sample ID: 0709-1570
Client Sample ID: Trip Blank
Sample Matrix: Aqueous

Date Sampled: 09/11/2007
Date Received: 09/12/2007

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	JHC	09/22/2007	0065468-1	<1
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	JHC	09/22/2007	0065468-1	<1.
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	JHC	09/22/2007	0065468-1	<1
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.
1,1-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.
cis-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.
trans-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	JHC	09/22/2007	0065468-1	<1
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	JHC	09/22/2007	0065468-1	<1
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.

(Continued)

REPORT OF LABORATORY ANALYSIS

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Lab Sample ID: 0709-1570
Client Sample ID: Trip Blank

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
Trichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	<2.0	2.0	ug/l	JHC	09/22/2007	0065468-1	<2.0
m,p-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	09/22/2007	0065468-1	<5.0

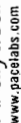
⁽¹⁾ U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW-846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Results reported on an as received basis.

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Page: 1 of 1Section C
Invoice Information:

Section B
Required Project Information:

Section A
Required Client Information:

REGULATORY AGENCY

GROUND WATER	DRINKING WATER
RCRA	OTHER

Site Location

Requested Analysis Filtered (Y/N)

Matrix Codes	DW
MATRIX / CODE	WT
Drinking Water	WW
Water	P
Waste Water	SL
Product	OL
Soil/Solid	WP
Sludge	AR
Wipe	TS
Air	OT
Tissue	
Other	

SAMPLE ID
(A-Z, 0-9 / -)
Sample IDs MUST BE UNIQUE

[illegible]

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
100% pure (100%)	100% pure (100%)	100%	100%	100%	100%	100%	
100% pure (100%)	100% pure (100%)	100%	100%	100%	100%	100%	
100% pure (100%)	100% pure (100%)	100%	100%	100%	100%	100%	
100% pure (100%)	100% pure (100%)	100%	100%	100%	100%	100%	

SAMPLE NAME AND SIGNATURE

October 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 October 11, 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 07-7959 when inquiring about this report.

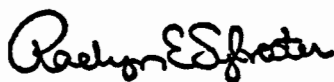
Client Site: Essex-Hope
Client Ref.: 41567920.10000

Pace Sample Identification	Client Sample Identification
0710-1703	Pre-Carb
0710-1704	Primary Effluent
0710-1705	Post-Carb
0710-1706	TB-01

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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Pace Analytical Service
5203 Triangl
Export, PA
Phone: 724.733
Fax: 724.321

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

Lab Project ID: 07-7959
Lab Sample ID: 0710-1703
Client Sample ID: Pre-Carb
Sample Matrix: Aqueous

Date Sampled: 10/10/2007
Date Received: 10/11/2007

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	DRD	10/18/2007	0066612-1	<10
Benzene	8260B ⁽¹⁾	6.7	1.0	ug/l	DRD	10/18/2007	0066612-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	10/18/2007	0066612-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	10/18/2007	0066612-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	10/18/2007	0066612-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	DRD	10/18/2007	0066612-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	10/18/2007	0066612-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	10/18/2007	0066612-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	10/18/2007	0066612-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	10/18/2007	0066612-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	10/18/2007	0066612-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	10/18/2007	0066612-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	10/18/2007	0066612-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	10/18/2007	0066612-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	10/18/2007	0066612-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	10/18/2007	0066612-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	10/18/2007	0066612-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	10/18/2007	0066612-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	10/18/2007	0066612-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	15	5.0	ug/l	DRD	10/18/2007	0066612-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	3800	50	ug/l	DRD	10/18/2007	0066612-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	20	5.0	ug/l	DRD	10/18/2007	0066612-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	10/18/2007	0066612-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	10/18/2007	0066612-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	10/18/2007	0066612-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	10/18/2007	0066612-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	DRD	10/18/2007	0066612-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	DRD	10/18/2007	0066612-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	10/18/2007	0066612-1	<5.0

(Continued)

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Lab Sample ID: 0710-1703
Client Sample ID: Pre-Carb

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	10/18/2007	0066612-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	10/18/2007	0066612-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	10/18/2007	0066612-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	10/18/2007	0066612-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	10/18/2007	0066612-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	10/18/2007	0066612-1	<5.0
Trichloroethene	8260B ⁽¹⁾	1900	50	ug/l	DRD	10/18/2007	0066612-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	10/18/2007	0066612-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	470	100	ug/l	DRD	10/18/2007	0066612-1	<2.0
m,p-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	10/18/2007	0066612-1	<5.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	DRD	10/18/2007	0066612-1	<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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501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

Lab Project ID: 07-7959
Lab Sample ID: 0710-1704
Client Sample ID: Primary Effluent
Sample Matrix: Aqueous

Date Sampled: 10/10/2007
Date Received: 10/11/2007

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	JHC	10/18/2007	0066620-1	<10
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	JHC	10/18/2007	0066620-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	10/18/2007	0066620-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	10/18/2007	0066620-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	10/18/2007	0066620-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	JHC	10/18/2007	0066620-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	10/18/2007	0066620-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	10/18/2007	0066620-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	10/18/2007	0066620-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	10/18/2007	0066620-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	10/18/2007	0066620-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	10/18/2007	0066620-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	10/18/2007	0066620-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	10/18/2007	0066620-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	10/18/2007	0066620-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	10/18/2007	0066620-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	10/18/2007	0066620-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	10/18/2007	0066620-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	10/18/2007	0066620-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	10/18/2007	0066620-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	360	5.0	ug/l	JHC	10/18/2007	0066620-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	10/18/2007	0066620-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	10/18/2007	0066620-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	10/18/2007	0066620-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	10/18/2007	0066620-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	10/18/2007	0066620-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	JHC	10/18/2007	0066620-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	JHC	10/18/2007	0066620-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	10/18/2007	0066620-1	<5.0

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Lab Sample ID: 0710-1704
Client Sample ID: Primary Effluent

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	10/18/2007	0066620-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	10/18/2007	0066620-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	10/18/2007	0066620-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	10/18/2007	0066620-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	10/18/2007	0066620-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	10/18/2007	0066620-1	<5.0
Trichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	10/18/2007	0066620-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	10/18/2007	0066620-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	690	100	ug/l	JHC	10/18/2007	0066620-1	<2.0
m,p-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	10/18/2007	0066620-1	<5.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	10/18/2007	0066620-1	<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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Construction Services Division
Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

Lab Project ID: 07-7959
Lab Sample ID: 0710-1705
Client Sample ID: Post-Carb
Sample Matrix: Aqueous

Date Sampled: 10/10/2007
Date Received: 10/11/2007

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	10/23/2007	0066740-1	<10
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	MAK	10/23/2007	0066740-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/23/2007	0066740-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/23/2007	0066740-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/23/2007	0066740-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	10/23/2007	0066740-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/23/2007	0066740-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/23/2007	0066740-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/23/2007	0066740-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/23/2007	0066740-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/23/2007	0066740-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/23/2007	0066740-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/23/2007	0066740-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/23/2007	0066740-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/23/2007	0066740-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/23/2007	0066740-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/23/2007	0066740-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/23/2007	0066740-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/23/2007	0066740-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/23/2007	0066740-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	340	40	ug/l	MAK	10/23/2007	0066740-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/23/2007	0066740-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/23/2007	0066740-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/23/2007	0066740-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/23/2007	0066740-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/23/2007	0066740-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	10/23/2007	0066740-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	10/23/2007	0066740-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/23/2007	0066740-1	<5.0

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Lab Sample ID: 0710-1705
Client Sample ID: Post-Carb

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/23/2007	0066740-1	<5
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/23/2007	0066740-1	<5
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/23/2007	0066740-1	<5
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/23/2007	0066740-1	<5
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/23/2007	0066740-1	<5
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/23/2007	0066740-1	<5
Trichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/23/2007	0066740-1	<5
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/23/2007	0066740-1	<5
Vinyl chloride	8260B ⁽¹⁾	160	2.0	ug/l	MAK	10/23/2007	0066740-1	<2
m,p-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/23/2007	0066740-1	<5
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/23/2007	0066740-1	<5

⁽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 0710-1705 was composited from samples prior to analysis.

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Lab Project ID: 07-7959
Lab Sample ID: 0710-1706
Client Sample ID: TB-01
Sample Matrix: Aqueous

Date Sampled: 10/10/2007
Date Received: 10/11/2007

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	JHC	10/18/2007	0066620-1	<10
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	JHC	10/18/2007	0066620-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	10/18/2007	0066620-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	10/18/2007	0066620-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	10/18/2007	0066620-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	JHC	10/18/2007	0066620-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	10/18/2007	0066620-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	10/18/2007	0066620-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	10/18/2007	0066620-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	10/18/2007	0066620-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	10/18/2007	0066620-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	10/18/2007	0066620-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	10/18/2007	0066620-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	10/18/2007	0066620-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	10/18/2007	0066620-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	10/18/2007	0066620-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	10/18/2007	0066620-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	10/18/2007	0066620-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	10/18/2007	0066620-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	10/18/2007	0066620-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	10/18/2007	0066620-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	10/18/2007	0066620-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	10/18/2007	0066620-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	10/18/2007	0066620-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	10/18/2007	0066620-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	10/18/2007	0066620-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	JHC	10/18/2007	0066620-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	JHC	10/18/2007	0066620-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	10/18/2007	0066620-1	<5.0

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Lab Sample ID: 0710-1706

Client Sample ID: TB-01

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	10/18/2007	0066620-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	10/18/2007	0066620-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	10/18/2007	0066620-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	10/18/2007	0066620-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	10/18/2007	0066620-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	10/18/2007	0066620-1	<5.0
Trichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	10/18/2007	0066620-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	10/18/2007	0066620-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	<2.0	2.0	ug/l	JHC	10/18/2007	0066620-1	<2.0
m,p-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	10/18/2007	0066620-1	<5.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	10/18/2007	0066620-1	<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.



www.pacelabs.com

Section A Required Client Information: Company: <u>URS CORP</u> Address: <u>10000 W. 10th Ave</u> Email To: <u>URS@URS.COM</u> Phone: <u>303.440.4700</u> Fax: <u>303.440.4701</u> Requested Due Date/TAT: <u>5/11/2010</u>		Section B Required Project Information: Report To: <u>MARK DAVAK</u> Copy To: <u>VALERIE SNEYD</u> Purchase Order No.: <u>44041976</u> Project Name: <u>VALERIE SNEYD</u> Project Number: <u>44041976</u>		Section C Invoice Information: Attention: _____ Company Name: _____ Address: _____ Pace Quote Reference: _____ Pace Project Manager: _____ Pace Profile #: _____	
		REGULATORY AGENCY NPDES _____ GROUND WATER _____ UST _____ RCRA _____ Site Location _____ STATE: <u>NY</u>		Page: _____ of _____ <u>1120712</u>	

ITEM #	Section D Required Client Information	Matrix Codes MATRIX / CODE DW WT WW P SL OL WP AR TS OT Drinking Water Waste Water Product Soil/Solid Oil Wipe Air Tissue Other	SAMPLE ID (A-Z, 0-9 / -)	Sample IDs MUST BE UNIQUE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED				SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives								Y/N	Requested Analysis Filtered (Y/N)												Pace Project No./ Lab I.D.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
							COMPOSITE START	COMPOSITE END/GRAB	DATE	TIME			DATE	TIME	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol		Other	Analysis Test	Residual Chlorine (Y/N)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
1	PRELIMINARY TEST		WTG																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											</

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
MARKER PRELIMINARY TEST	VALERIE SNEYD / URS	10/06/2009	12:00	VALERIE SNEYD / URS	10/06/2009	12:00	
MARKER PRELIMINARY TEST	VALERIE SNEYD / URS						
MARKER PRELIMINARY TEST	VALERIE SNEYD / URS						
MARKER PRELIMINARY TEST	VALERIE SNEYD / URS						

SAMPLER NAME AND SIGNATURE

November 28, 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 November 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 07-8768 when inquiring about this report.

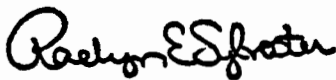
Client Site: Essex-Hope
Client Ref.: 41567503

Pace Sample Identification	Client Sample Identification
0711-2031	Pre-Carb
0711-2032	Primary Effluent
0711-2033	Post-Carb
0711-2037	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 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: 07-8768
Lab Sample ID: 0711-2031
Client Sample ID: Pre-Carb
Sample Matrix: Aqueous

Date Sampled: 11/12/2007
Date Received: 11/13/2007

Client Site: Essex-Hope
Client Ref.: 41567503

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	11/21/2007	0067838-1	<10
Benzene	8260B ⁽¹⁾	7.0	1.0	ug/l	MAK	11/21/2007	0067838-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	11/21/2007	0067838-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	19	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	4600	40	ug/l	MAK	11/21/2007	0067838-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	34	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	11/21/2007	0067838-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	11/21/2007	0067838-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0

(Continued)

REPORT OF LABORATORY ANALYSIS

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Lab Sample ID: 0711-2031
Client Sample ID: Pre-Carb

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
Trichloroethene	8260B ⁽¹⁾	1800	40	ug/l	MAK	11/21/2007	0067838-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	490	80	ug/l	MAK	11/21/2007	0067838-1	<2.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
m,p-Xylenes	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<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: 07-8768
Lab Sample ID: 0711-2032
Client Sample ID: Primary Effluent
Sample Matrix: Aqueous

Date Sampled: 11/12/2007
Date Received: 11/13/2007

Client Site: Essex-Hope
Client Ref.: 41567503

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	11/21/2007	0067838-1	<10
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	MAK	11/21/2007	0067838-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	11/21/2007	0067838-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	6.1	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	3800	40	ug/l	MAK	11/21/2007	0067838-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	8.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	11/21/2007	0067838-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	11/21/2007	0067838-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0

(Continued)

REPORT OF LABORATORY ANALYSIS

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Lab Sample ID: 0711-2032
Client Sample ID: Primary Effluent

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
Trichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	4600	80	ug/l	MAK	11/21/2007	0067838-1	<2.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
m,p-Xylenes	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<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: 07-8768
Lab Sample ID: 0711-2033
Client Sample ID: Post-Carb
Sample Matrix: Aqueous

Date Sampled: 11/12/2007
Date Received: 11/13/2007

Client Site: Essex-Hope

Client Ref.: 41567503

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	11/21/2007	0067838-1	<10
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	MAK	11/21/2007	0067838-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	11/21/2007	0067838-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	200	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	11/21/2007	0067838-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	11/21/2007	0067838-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0

(Continued)

REPORT OF LABORATORY ANALYSIS

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Lab Sample ID: 0711-2033
Client Sample ID: Post-Carb

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
Trichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	270	2.0	ug/l	MAK	11/21/2007	0067838-1	<2.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
m,p-Xylenes	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<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 0711-2033 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: 07-8768
Lab Sample ID: 0711-2037
Client Sample ID: TB-01
Sample Matrix: Aqueous

Date Sampled: 11/12/2007
Date Received: 11/13/2007

Client Site: Essex-Hope
Client Ref.: 41567503

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	11/21/2007	0067838-1	<10
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	MAK	11/21/2007	0067838-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	11/21/2007	0067838-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	11/21/2007	0067838-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	11/21/2007	0067838-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0

(Continued)

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Lab Sample ID: 0711-2037
Client Sample ID: TB-01

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
Trichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	<2.0	2.0	ug/l	MAK	11/21/2007	0067838-1	<2.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<5.0
m,p-Xylenes	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/21/2007	0067838-1	<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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[illegible]

January 7, 2008

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

Dear Mr. Dowiak:

Enclosed are analytical results for samples submitted to Pace Analytical by URS Corporation. The samples were received on December 20, 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 07-9787 when inquiring about this report.

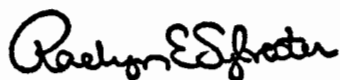
Client Site: Essex-Hope
Client Ref.: 41568097.10000

Pace Sample Identification	Client Sample Identification
0712-3979	Pre-Carb
0712-3980	Primary Effluent
0712-3981	Post-Carb
0712-3982	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

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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: 07-9787
Lab Sample ID: 0712-3979
Client Sample ID: Pre-Carb
Sample Matrix: Aqueous

Date Sampled: 12/19/2007
Date Received: 12/20/2007

Client Site: Essex-Hope
Client Ref.: 41568097.10000

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	JHC	01/02/2008	0069255-1	<10
Benzene	8260B(1)	4.4	1.0	ug/l	JHC	01/02/2008	0069255-1	<1.0
Bromodichloromethane	8260B(1)	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
Bromoform	8260B(1)	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
Bromomethane	8260B(1)	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
2-Butanone	8260B(1)	<10	10	ug/l	JHC	01/02/2008	0069255-1	<10
Carbon Disulfide	8260B(1)	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
Carbon Tetrachloride	8260B(1)	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
Chlorobenzene	8260B(1)	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
Chloroethane	8260B(1)	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
Chloroform	8260B(1)	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
Chloromethane	8260B(1)	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
Cumene	8260B(1)	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
Dibromochloromethane	8260B(1)	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
1,2-Dichlorobenzene	8260B(1)	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
1,3-Dichlorobenzene	8260B(1)	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
1,4-Dichlorobenzene	8260B(1)	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
1,1-Dichloroethane	8260B(1)	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
1,2-Dichloroethane	8260B(1)	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
1,1-Dichloroethene	8260B(1)	11	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
cis-1,2-Dichloroethene	8260B(1)	2200	20	ug/l	JHC	01/04/2008	0069346-1	<5.0
trans-1,2-Dichloroethene	8260B(1)	14	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
1,2-Dichloropropane	8260B(1)	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
cis-1,3-Dichloropropene	8260B(1)	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
trans-1,3-Dichloropropene	8260B(1)	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
Ethylbenzene	8260B(1)	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
2-Hexanone	8260B(1)	<10	10	ug/l	JHC	01/02/2008	0069255-1	<10
4-Methyl-2-pentanone	8260B(1)	<10	10	ug/l	JHC	01/02/2008	0069255-1	<10
Methylene chloride	8260B(1)	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0

(Continued)

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Lab Sample ID: 0712-3979
Client Sample ID: Pre-Carb

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
Trichloroethene	8260B ⁽¹⁾	670	20	ug/l	JHC	01/04/2008	0069346-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	390	2.0	ug/l	JHC	01/02/2008	0069255-1	<2.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
m,p-Xylenes	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<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: 07-9787
Lab Sample ID: 0712-3980
Client Sample ID: Primary Effluent
Sample Matrix: Aqueous

Date Sampled: 12/19/2007
Date Received: 12/20/2007

Client Site: Essex-Hope
Client Ref.: 41568097.10000

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	JHC	01/02/2008	0069255-1	<10
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	JHC	01/02/2008	0069255-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	JHC	01/02/2008	0069255-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	6.8	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	2700	20	ug/l	JHC	01/04/2008	0069345-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	7.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	JHC	01/02/2008	0069255-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	JHC	01/02/2008	0069255-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0

(Continued)

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Lab Sample ID: 0712-3980
Client Sample ID: Primary Effluent

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
Trichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	300	2.0	ug/l	JHC	01/02/2008	0069255-1	<2.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
m,p-Xylenes	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<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: 07-9787
Lab Sample ID: 0712-3981
Client Sample ID: Post-Carb
Sample Matrix: Aqueous

Date Sampled: 12/19/2007
Date Received: 12/20/2007

Client Site: Essex-Hope
Client Ref.: 41568097.10000

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	JHC	01/02/2008	0069255-1	<10
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	JHC	01/02/2008	0069255-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	JHC	01/02/2008	0069255-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	120	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	JHC	01/02/2008	0069255-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	JHC	01/02/2008	0069255-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0

(Continued)

REPORT OF LABORATORY ANALYSIS

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Lab Sample ID: 0712-3981
Client Sample ID: Post-Carb

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
Trichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	430	20	ug/l	JHC	01/04/2008	0069346-1	<2.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
m,p-Xylenes	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<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 0712-3981 was composited from 4 samples prior to analysis.

REPORT OF LABORATORY ANALYSIS

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

Lab Project ID: 07-9787
Lab Sample ID: 0712-3982
Client Sample ID: TB-01
Sample Matrix: Aqueous

Date Sampled: 12/19/2007
Date Received: 12/20/2007

Client Site: Essex-Hope
Client Ref.: 41568097.10000

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	JHC	01/02/2008	0069255-1	<10
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	JHC	01/02/2008	0069255-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	JHC	01/02/2008	0069255-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	JHC	01/02/2008	0069255-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	JHC	01/02/2008	0069255-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0

(Continued)

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Lab Sample ID: 0712-3982

Client Sample ID: TB-01

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
Trichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	<2.0	2.0	ug/l	JHC	01/02/2008	0069255-1	<2.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0
m,p-Xylenes	8260B ⁽¹⁾	<5.0	5.0	ug/l	JHC	01/02/2008	0069255-1	<5.0

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

Sample Comments: Results reported on an as received basis.

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Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:		Report To:		Attention:	
Address:		Copy To:		Company Name:	
Email To:				Address:	
Phone:		Purchase Order No.:		Pace Quote Reference:	
Fax:		Project Name:		Pace Project Manager:	
Requested Due Date/TAT:		Project Number:		Pace Profile #:	
Page: 1 of 1 2242135		REGULATORY AGENCY NPDES GROUND WATER DRINKING WATER UST RCRA OTHER _____ Site Location _____ STATE: NY			

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