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January 11, 2007

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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 2006
BPU Permit No. 26
URS Project No. 41567715**

Dear Mr. Peterson:

This submittal represents the July through December 2006 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 2006. There were no discharge noncompliance events that occurred during this reporting period.

Table 1 summarizes the monthly discharge rates, and the total VOCs concentrations and constituents detected in the discharge to the POTW for each month. Discharge flow rates for the reporting period ranged from 54,909 to 163,763 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 2006
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	Monthly Effluent					
		July	August	September	October	November	December
POTW Discharge Analytical Data							
Total VOCs (µg/L)	2,130 µg/L (TTO)	14.0	8.1	7.7	0.0	9.8	104.4
Detected Compounds	Report	cis-1,2-Dichloroethene and Vinyl Chloride	cis-1,2-Dichloroethene	cis-1,2-Dichloroethene	No Detections	cis-1,2-Dichloroethene and Vinyl Chloride	cis-1,2-Dichloroethene and Vinyl Chloride
		NM	7.03	7.48	7.36	7.20	7.28
		NM	6.88	7.48	7.51	7.16	7.37
pH (Standard Units)	5.5 to 10	NM	7.06	7.50	7.45	7.18	7.24
		NM	7.13	7.48	7.43	7.14	7.34
POTW Discharge Flow Data							
Monthly Total Flow (gallons)	Report	72,730	68,690	54,909	56,516	163,763	145,963
Average Daily Flow (gallons)	Report	2,346	2,216	1,830	1,823	5,459	4,708
Maximum Daily Flow (gallons)	Report	2,815	2,659	2,196	2,188	6,551	5,650

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

ATTACHMENTS

LABORATORY ANALYTICAL REPORTS

August 7, 2006

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 28, 2006. 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 06-4555 when inquiring about this report.

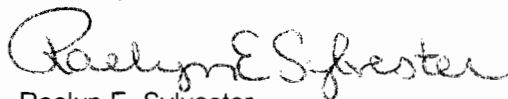
Client Site: Essex-Hope
Client Ref.: 41567715

Pace Sample Identification	Client Sample Identification
0607-3126	Pre-Carb
0607-3127	Primary Effluent
0607-3128	Post-Carb
0607-3132	Trip Blank

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: 06-4555
Lab Sample ID: 0607-3126
Client Sample ID: Pre-Carb
Sample Matrix: Aqueous

Date Sampled: 07/27/2006
Date Received: 07/28/2006

Client Site: Essex-Hope
Client Ref.: 41567715

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Volatile Organic Compounds, MS								
Acetone	8260B ⁽¹⁾	<10	10	ug/l	MAK	08/02/2006	0051729-1	<10
Benzene	8260B ⁽¹⁾	8.3	1.0	ug/l	MAK	08/02/2006	0051729-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/02/2006	0051729-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/02/2006	0051729-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/02/2006	0051729-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	08/02/2006	0051729-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/02/2006	0051729-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/02/2006	0051729-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/02/2006	0051729-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/02/2006	0051729-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/02/2006	0051729-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/02/2006	0051729-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/02/2006	0051729-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/02/2006	0051729-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/02/2006	0051729-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/02/2006	0051729-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/02/2006	0051729-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/02/2006	0051729-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/02/2006	0051729-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	18	5.0	ug/l	MAK	08/02/2006	0051729-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	3800	50	ug/l	MAK	08/02/2006	0051729-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	35	5.0	ug/l	MAK	08/02/2006	0051729-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/02/2006	0051729-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/02/2006	0051729-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/02/2006	0051729-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/02/2006	0051729-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	08/02/2006	0051729-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	08/02/2006	0051729-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/02/2006	0051729-1	<5.0

(Continued)

REPORT OF LABORATORY ANALYSIS

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Lab Sample ID: 0607-3126
Client Sample ID: Pre-Carb

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/02/2006	0051729-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/02/2006	0051729-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/02/2006	0051729-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/02/2006	0051729-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/02/2006	0051729-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/02/2006	0051729-1	<5.0
Trichloroethene	8260B ⁽¹⁾	930	50	ug/l	MAK	08/02/2006	0051729-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/02/2006	0051729-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	490	100	ug/l	MAK	08/02/2006	0051729-1	<2.0
m,p-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/02/2006	0051729-1	<5.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/02/2006	0051729-1	<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: 06-4555
Lab Sample ID: 0607-3127
Client Sample ID: Primary Effluent
Sample Matrix: Aqueous

Date Sampled: 07/27/2006

Date Received: 07/28/2006

Client Site: Essex-Hope

Client Ref.: 41567715

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Volatile Organic Compounds, MS								
Acetone	8260B ⁽¹⁾	<10	10	ug/l	MAK	08/02/2006	0051729-1	<10
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	MAK	08/02/2006	0051729-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/02/2006	0051729-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/02/2006	0051729-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/02/2006	0051729-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	08/02/2006	0051729-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/02/2006	0051729-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/02/2006	0051729-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/02/2006	0051729-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/02/2006	0051729-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/02/2006	0051729-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/02/2006	0051729-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/02/2006	0051729-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/02/2006	0051729-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/02/2006	0051729-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/02/2006	0051729-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/02/2006	0051729-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/02/2006	0051729-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/02/2006	0051729-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/02/2006	0051729-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	47	5.0	ug/l	MAK	08/02/2006	0051729-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/02/2006	0051729-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/02/2006	0051729-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/02/2006	0051729-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/02/2006	0051729-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/02/2006	0051729-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	08/02/2006	0051729-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	08/02/2006	0051729-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/02/2006	0051729-1	<5.0

(Continued)

REPORT OF LABORATORY ANALYSIS

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Lab Sample ID: 0607-3127
Client Sample ID: Primary Effluent

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/02/2006	0051729-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/02/2006	0051729-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/02/2006	0051729-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/02/2006	0051729-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/02/2006	0051729-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/02/2006	0051729-1	<5.0
Trichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/02/2006	0051729-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/02/2006	0051729-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	5.6	2.0	ug/l	MAK	08/02/2006	0051729-1	<2.0
m,p-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/02/2006	0051729-1	<5.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/02/2006	0051729-1	<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: 06-4555
Lab Sample ID: 0607-3128
Client Sample ID: Post-Carb
Sample Matrix: Aqueous

Date Sampled: 07/27/2006
Date Received: 07/28/2006

Client Site: Essex-Hope
Client Ref.: 41567715

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Volatile Organic Compounds, MS								
Acetone	8260B ⁽¹⁾	<10	10	ug/l	MAK	08/02/2006	0051729-1	<10
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	MAK	08/02/2006	0051729-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/02/2006	0051729-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/02/2006	0051729-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/02/2006	0051729-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	08/02/2006	0051729-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/02/2006	0051729-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/02/2006	0051729-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/02/2006	0051729-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/02/2006	0051729-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/02/2006	0051729-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/02/2006	0051729-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/02/2006	0051729-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/02/2006	0051729-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/02/2006	0051729-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/02/2006	0051729-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/02/2006	0051729-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/02/2006	0051729-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/02/2006	0051729-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/02/2006	0051729-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	11	5.0	ug/l	MAK	08/02/2006	0051729-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/02/2006	0051729-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/02/2006	0051729-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/02/2006	0051729-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/02/2006	0051729-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/02/2006	0051729-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	08/02/2006	0051729-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	08/02/2006	0051729-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/02/2006	0051729-1	<5.0

(Continued)

REPORT OF LABORATORY ANALYSIS

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Lab Sample ID: 0607-3128
Client Sample ID: Post-Carb

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/02/2006	0051729-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/02/2006	0051729-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/02/2006	0051729-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/02/2006	0051729-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/02/2006	0051729-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/02/2006	0051729-1	<5.0
Trichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/02/2006	0051729-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/02/2006	0051729-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	3.0	2.0	ug/l	MAK	08/02/2006	0051729-1	<2.0
m,p-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/02/2006	0051729-1	<5.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/02/2006	0051729-1	<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 0607-3128 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: 06-4555
Lab Sample ID: 0607-3132
Client Sample ID: Trip Blank
Sample Matrix: Aqueous

Date Sampled: 07/27/2006
Date Received: 07/28/2006

Client Site: Essex-Hope
Client Ref.: 41567715

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Volatile Organic Compounds, MS								
Acetone	8260B ⁽¹⁾	<10	10	ug/l	MAK	08/02/2006	0051729-1	<10
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	MAK	08/02/2006	0051729-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/02/2006	0051729-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/02/2006	0051729-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/02/2006	0051729-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	08/02/2006	0051729-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/02/2006	0051729-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/02/2006	0051729-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/02/2006	0051729-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/02/2006	0051729-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/02/2006	0051729-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/02/2006	0051729-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/02/2006	0051729-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/02/2006	0051729-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/02/2006	0051729-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/02/2006	0051729-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/02/2006	0051729-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/02/2006	0051729-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/02/2006	0051729-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/02/2006	0051729-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	15	5.0	ug/l	MAK	08/02/2006	0051729-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/02/2006	0051729-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/02/2006	0051729-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/02/2006	0051729-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/02/2006	0051729-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/02/2006	0051729-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	08/02/2006	0051729-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	08/02/2006	0051729-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/02/2006	0051729-1	<5.0

(Continued)

REPORT OF LABORATORY ANALYSIS

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Lab Sample ID: 0607-3132
Client Sample ID: Trip Blank

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/02/2006	0051729-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/02/2006	0051729-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/02/2006	0051729-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/02/2006	0051729-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/02/2006	0051729-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/02/2006	0051729-1	<5.0
Trichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/02/2006	0051729-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/02/2006	0051729-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	<2.0	2.0	ug/l	MAK	08/02/2006	0051729-1	<2.0
m,p-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/02/2006	0051729-1	<5.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/02/2006	0051729-1	<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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Section A

Required Client Information:

Company
Address
Email To:
Phone
Fax
Requested Date/TAT:
Report To:
Company Name:
Address:
Purchase Order No.:
Project Name:
Project Num:ber:

Section B

Required Project Information:

Attention:
Company Name:
Address:
Pace Quote Reference:
Pace Project Manager:
Pace Profile #:

Section C

Invoice Information:

Report To:
Company Name:
Address:
Pace Quote Reference:
Pace Project Manager:
Pace Profile #:

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA

SITE LOCATION

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

Section D Required Client Information

SAMPLE ID

One Character per box.
(A-Z, 0-9 / .)

Samples IDs MUST BE UNIQUE

Valid Matrix Codes
MATRIX
DRINKING WATER
WASTE WATER
WASTE WATER
PRODUCT
SOIL/SOLID
OIL
WIPE
AIR
OTHER
TISSUE
CODE
D.W.
W.W.
F.W.
S.L.
V.A.P.
A.R.
O.T.
T.S.

MATRIX CODE
SAMPLE TYPE
G=GRAB C=COMP

COLLECTED
COMPOSITE START
COMPOSITE END/GRAB
DATE
TIME
DATE
TIME

SAMPLE TEMP
AT COLLECTION
OF
CONTAINERS

Preservatives
Unpreserved
H₂SO₄
HNO₃
HCl
NaOH
Na₂S₂O₃
Methanol
Other

Filtered (Y/N)
Requested Analysis:
Residual Chlorine (Y/N)
Pace Project Number
Lab I.D.

Additional Comments:

RELINQUISHED BY / AFFILIATION DATE TIME ACCEPTED BY / AFFILIATION DATE TIME SAMPLE CONDITION

Temp in °C	Received on Ice	Custody Sealed Cooler	Samples Intact
Y/N	Y/N	Y/N	Y/N
Y/N	Y/N	Y/N	Y/N
Y/N	Y/N	Y/N	Y/N
Y/N	Y/N	Y/N	Y/N
Y/N	Y/N	Y/N	Y/N
Y/N	Y/N	Y/N	Y/N
Y/N	Y/N	Y/N	Y/N
Y/N	Y/N	Y/N	Y/N
Y/N	Y/N	Y/N	Y/N
Y/N	Y/N	Y/N	Y/N
Y/N	Y/N	Y/N	Y/N

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER:

SIGNATURE of SAMPLER:

DATE Signed (MM/DD/YY)

August 29, 2006

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 23, 2006. 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 06-5094 when inquiring about this report.

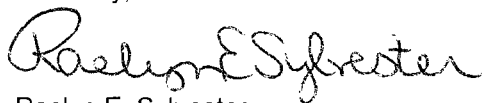
Client Site: Essex-Hope
Client Ref.: 41567715

Pace Sample Identification	Client Sample Identification
0608-2706	Pre-Carb
0608-2707	Primary Effluent
0608-2708	Post-Carb
0608-2709	Trip Blank

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: 06-5094
Lab Sample ID: 0608-2706
Client Sample ID: Pre-Carb
Sample Matrix: Aqueous

Date Sampled: 08/22/2006
Date Received: 08/23/2006

Client Site: Essex-Hope
Client Ref.: 41567715

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Volatile Organic Compounds, MS								
Acetone	8260B ⁽¹⁾	<10	10	ug/l	MAK	08/25/2006	0052391-1	<10
Benzene	8260B ⁽¹⁾	8.3	1.0	ug/l	MAK	08/25/2006	0052391-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/25/2006	0052391-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/25/2006	0052391-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/25/2006	0052391-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	08/25/2006	0052391-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/25/2006	0052391-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/25/2006	0052391-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/25/2006	0052391-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/25/2006	0052391-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/25/2006	0052391-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/25/2006	0052391-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/25/2006	0052391-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/25/2006	0052391-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/25/2006	0052391-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/25/2006	0052391-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/25/2006	0052391-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/25/2006	0052391-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/25/2006	0052391-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	19	5.0	ug/l	MAK	08/25/2006	0052391-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	4100	50	ug/l	MAK	08/25/2006	0052391-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/25/2006	0052391-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/25/2006	0052391-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/25/2006	0052391-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/25/2006	0052391-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/25/2006	0052391-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	08/25/2006	0052391-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	08/25/2006	0052391-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/25/2006	0052391-1	<5.0

(Continued)

REPORT OF LABORATORY ANALYSIS

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Lab Sample ID: 0608-2706
Client Sample ID: Pre-Carb

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/25/2006	0052391-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/25/2006	0052391-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/25/2006	0052391-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/25/2006	0052391-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/25/2006	0052391-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/25/2006	0052391-1	<5.0
Trichloroethene	8260B ⁽¹⁾	1200	50	ug/l	MAK	08/25/2006	0052391-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/25/2006	0052391-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	690	100	ug/l	MAK	08/25/2006	0052391-1	<2.0
m,p-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/25/2006	0052391-1	<5.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/25/2006	0052391-1	<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: 06-5094
Lab Sample ID: 0608-2707
Client Sample ID: Primary Effluent
Sample Matrix: Aqueous

Date Sampled: 08/22/2006

Date Received: 08/23/2006

Client Site: Essex-Hope

Client Ref.: 41567715

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Volatile Organic Compounds, MS								
Acetone	8260B ⁽¹⁾	<10	10	ug/l	MAK	08/25/2006	0052391-1	<10
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	MAK	08/25/2006	0052391-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/25/2006	0052391-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/25/2006	0052391-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/25/2006	0052391-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	08/25/2006	0052391-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/25/2006	0052391-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/25/2006	0052391-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/25/2006	0052391-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/25/2006	0052391-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/25/2006	0052391-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/25/2006	0052391-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/25/2006	0052391-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/25/2006	0052391-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/25/2006	0052391-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/25/2006	0052391-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/25/2006	0052391-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/25/2006	0052391-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/25/2006	0052391-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/25/2006	0052391-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	40	5.0	ug/l	MAK	08/25/2006	0052391-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/25/2006	0052391-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/25/2006	0052391-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/25/2006	0052391-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/25/2006	0052391-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/25/2006	0052391-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	08/25/2006	0052391-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	08/25/2006	0052391-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/25/2006	0052391-1	<5.0

(Continued)

REPORT OF LABORATORY ANALYSIS

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Lab Sample ID: **0608-2707**
Client Sample ID: **Primary Effluent**

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/25/2006	0052391-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/25/2006	0052391-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/25/2006	0052391-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/25/2006	0052391-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/25/2006	0052391-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/25/2006	0052391-1	<5.0
Trichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/25/2006	0052391-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/25/2006	0052391-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	8.1	2.0	ug/l	MAK	08/25/2006	0052391-1	<2.0
m,p-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/25/2006	0052391-1	<5.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/25/2006	0052391-1	<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: 06-5094
Lab Sample ID: 0608-2708
Client Sample ID: Post-Carb
Sample Matrix: Aqueous

Date Sampled: 08/22/2006
Date Received: 08/23/2006

Client Site: Essex-Hope

Client Ref.: 41567715

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Volatile Organic Compounds, MS								
Acetone	8260B ⁽¹⁾	<10	10	ug/l	MAK	08/25/2006	0052391-1	<10
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	MAK	08/25/2006	0052391-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/25/2006	0052391-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/25/2006	0052391-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/25/2006	0052391-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	08/25/2006	0052391-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/25/2006	0052391-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/25/2006	0052391-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/25/2006	0052391-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/25/2006	0052391-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/25/2006	0052391-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/25/2006	0052391-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/25/2006	0052391-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/25/2006	0052391-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/25/2006	0052391-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/25/2006	0052391-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/25/2006	0052391-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/25/2006	0052391-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/25/2006	0052391-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/25/2006	0052391-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	8.1	5.0	ug/l	MAK	08/25/2006	0052391-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/25/2006	0052391-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/25/2006	0052391-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/25/2006	0052391-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/25/2006	0052391-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/25/2006	0052391-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	08/25/2006	0052391-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	08/25/2006	0052391-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/25/2006	0052391-1	<5.0

(Continued)

REPORT OF LABORATORY ANALYSIS

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Lab Sample ID: 0608-2708
Client Sample ID: Post-Carb

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/25/2006	0052391-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/25/2006	0052391-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/25/2006	0052391-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/25/2006	0052391-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/25/2006	0052391-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/25/2006	0052391-1	<5.0
Trichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/25/2006	0052391-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/25/2006	0052391-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	<2.0	2.0	ug/l	MAK	08/25/2006	0052391-1	<2.0
m,p-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/25/2006	0052391-1	<5.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/25/2006	0052391-1	<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 0608-2708 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: 06-5094
Lab Sample ID: 0608-2709
Client Sample ID: Trip Blank
Sample Matrix: Aqueous

Date Sampled: 08/22/2006
Date Received: 08/23/2006

Client Site: Essex-Hope
Client Ref.: 41567715

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Volatile Organic Compounds, MS								
Acetone	8260B ⁽¹⁾	<10	10	ug/l	MAK	08/25/2006	0052391-1	<10
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	MAK	08/25/2006	0052391-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/25/2006	0052391-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/25/2006	0052391-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/25/2006	0052391-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	08/25/2006	0052391-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/25/2006	0052391-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/25/2006	0052391-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/25/2006	0052391-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/25/2006	0052391-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/25/2006	0052391-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/25/2006	0052391-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/25/2006	0052391-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/25/2006	0052391-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/25/2006	0052391-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/25/2006	0052391-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/25/2006	0052391-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/25/2006	0052391-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/25/2006	0052391-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/25/2006	0052391-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/25/2006	0052391-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/25/2006	0052391-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/25/2006	0052391-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/25/2006	0052391-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/25/2006	0052391-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/25/2006	0052391-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	08/25/2006	0052391-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	08/25/2006	0052391-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/25/2006	0052391-1	<5.0

(Continued)

REPORT OF LABORATORY ANALYSIS

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Lab Sample ID: 0608-2709
Client Sample ID: Trip Blank

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/25/2006	0052391-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/25/2006	0052391-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/25/2006	0052391-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/25/2006	0052391-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/25/2006	0052391-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/25/2006	0052391-1	<5.0
Trichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/25/2006	0052391-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/25/2006	0052391-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	<2.0	2.0	ug/l	MAK	08/25/2006	0052391-1	<2.0
m,p-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/25/2006	0052391-1	<5.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	08/25/2006	0052391-1	<5.0

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

Sample Comments: Results reported on an as received basis.

REPORT OF LABORATORY ANALYSIS

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CHAIN-OF-CUSTODY / Analytical Request Document

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

Section A

Required Client Information:

Company
Address
Email To:
Phone
Fax
Requested Due Date/TAT:

Section B

Required Project Information:

Report To:
Copy To:
Purchase Order No.:
Project Name:
Project Number:

Section C

Invoice Information:

Attention:
Company Name:
Address:
Pace Quote Reference:
Pace Project Manager:
Pace Profile #:

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ Other

SITE LOCATION

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

ITEM #	Section D Required Client Information				Valid Matrix Codes				MATRIX CODE	SAMPLE TYPE Q-GRAB C-COMP	COLLECTED				SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives										Filtered (Y/N)	Requested Analysis:	Residual Chlorine (Y/N)	Pace Project Number Lab ID			
	SAMPLE ID				MATERIAL	CODE	DRINKING WATER	WASTE WATER	PRODUCT	SOIL/SOLID	OIL	WIPE	AIR	OTHER	TISSUE			Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other								
	One Character per box. (A-Z, 0-9 / -)	Samples IDs MUST BE UNIQUE																															
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 CONDITION					
												Temp in °C	Received on Ice	Y/N	Y/N	Y/N	Y/N
													Custody	Y/N	Y/N	Y/N	Y/N
													Sealed Cooler	Y/N	Y/N	Y/N	Y/N
													Samples	Y/N	Y/N	Y/N	Y/N
SAMPLER NAME AND SIGNATURE																	
PRINT Name of SAMPLER:																	
SIGNATURE of SAMPLER:												DATE Signed (MM / DD / YY)					

Alt On 02/09/2019 3:24 PM

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER:

SIGNATURE of SAMPLER:

October 4, 2006

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 21, 2006. 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 06-5900 when inquiring about this report.

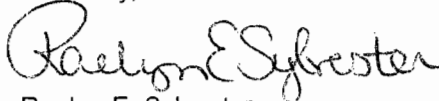
Client Site: Essex-Hope
Client Ref.: 41567715

Pace Sample Identification	Client Sample Identification
0609-2680	Pre-Carb
0609-2681	Primary Effluent
0609-2682	Post-Carb
0609-2683	Trip Blank

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

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

Sincerely,



Raelyn E. Sylvester
Project Manager

REC: jld

Enclosures

Page 1 of 20

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: 06-5900
Lab Sample ID: 0609-2680
Client Sample ID: Pre-Carb
Sample Matrix: Aqueous

Date Sampled: 09/20/2006
Date Received: 09/21/2006

Client Site: Essex-Hope
Client Ref.: 41567715

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Volatile Organic Compounds, MS								
Acetone	8260B ⁽¹⁾	<10	10	ug/l	MAK	10/03/2006	0053480-1	<10
Benzene	8260B ⁽¹⁾	7.3	1.0	ug/l	MAK	10/03/2006	0053480-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/03/2006	0053480-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/03/2006	0053480-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/03/2006	0053480-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	10/03/2006	0053480-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/03/2006	0053480-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/03/2006	0053480-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/03/2006	0053480-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/03/2006	0053480-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/03/2006	0053480-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/03/2006	0053480-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/03/2006	0053480-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/03/2006	0053480-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/03/2006	0053480-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/03/2006	0053480-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/03/2006	0053480-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/03/2006	0053480-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/03/2006	0053480-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	16	5.0	ug/l	MAK	10/03/2006	0053480-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	4200	50	ug/l	MAK	10/03/2006	0053480-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	20	5.0	ug/l	MAK	10/03/2006	0053480-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/03/2006	0053480-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/03/2006	0053480-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/03/2006	0053480-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/03/2006	0053480-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	10/03/2006	0053480-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	10/03/2006	0053480-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/03/2006	0053480-1	<5.0

(Continued)

REPORT OF LABORATORY ANALYSIS

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Lab Sample ID: 0609-2680

Client Sample ID: Pre-Carb

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/03/2006	0053480-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/03/2006	0053480-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/03/2006	0053480-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/03/2006	0053480-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/03/2006	0053480-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/03/2006	0053480-1	<5.0
Trichloroethene	8260B ⁽¹⁾	1300	50	ug/l	MAK	10/03/2006	0053480-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/03/2006	0053480-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	530	100	ug/l	MAK	10/03/2006	0053480-1	<2.0
m,p-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/03/2006	0053480-1	<5.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/03/2006	0053480-1	<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: 06-5900
Lab Sample ID: 0609-2681
Client Sample ID: Primary Effluent
Sample Matrix: Aqueous

Date Sampled: 09/20/2006
Date Received: 09/21/2006

Client Site: Essex-Hope
Client Ref.: 41567715

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Volatile Organic Compounds, MS								
Acetone	8260B ⁽¹⁾	<10	10	ug/l	MAK	10/03/2006	0053480-1	<10
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	MAK	10/03/2006	0053480-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/03/2006	0053480-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/03/2006	0053480-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/03/2006	0053480-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	10/03/2006	0053480-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/03/2006	0053480-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/03/2006	0053480-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/03/2006	0053480-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/03/2006	0053480-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/03/2006	0053480-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/03/2006	0053480-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/03/2006	0053480-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/03/2006	0053480-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/03/2006	0053480-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/03/2006	0053480-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/03/2006	0053480-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/03/2006	0053480-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/03/2006	0053480-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/03/2006	0053480-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	45	5.0	ug/l	MAK	10/03/2006	0053480-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/03/2006	0053480-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/03/2006	0053480-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/03/2006	0053480-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/03/2006	0053480-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/03/2006	0053480-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	10/03/2006	0053480-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	10/03/2006	0053480-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/03/2006	0053480-1	<5.0

(Continued)

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Lab Sample ID: 0609-2681
Client Sample ID: Primary Effluent

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/03/2006	0053480-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/03/2006	0053480-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/03/2006	0053480-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/03/2006	0053480-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/03/2006	0053480-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/03/2006	0053480-1	<5.0
Trichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/03/2006	0053480-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/03/2006	0053480-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	57	2.0	ug/l	MAK	10/03/2006	0053480-1	<2.0
m,p-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/03/2006	0053480-1	<5.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/03/2006	0053480-1	<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: 06-5900
Lab Sample ID: 0609-2682
Client Sample ID: Post-Carb
Sample Matrix: Aqueous

Date Sampled: 09/20/2006
Date Received: 09/21/2006

Client Site: Essex-Hope
Client Ref.: 41567715

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Volatile Organic Compounds, MS								
Acetone	8260B ⁽¹⁾	<10	10	ug/l	MAK	10/03/2006	0053480-1	<10
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	MAK	10/03/2006	0053480-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/03/2006	0053480-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/03/2006	0053480-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/03/2006	0053480-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	10/03/2006	0053480-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/03/2006	0053480-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/03/2006	0053480-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/03/2006	0053480-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/03/2006	0053480-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/03/2006	0053480-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/03/2006	0053480-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/03/2006	0053480-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/03/2006	0053480-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/03/2006	0053480-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/03/2006	0053480-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/03/2006	0053480-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/03/2006	0053480-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/03/2006	0053480-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/03/2006	0053480-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	7.7	5.0	ug/l	MAK	10/03/2006	0053480-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/03/2006	0053480-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/03/2006	0053480-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/03/2006	0053480-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/03/2006	0053480-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/03/2006	0053480-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	10/03/2006	0053480-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	10/03/2006	0053480-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/03/2006	0053480-1	<5.0

(Continued)

REPORT OF LABORATORY ANALYSIS

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Lab Sample ID: 0609-2682

Client Sample ID: Post-Carb

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/03/2006	0053480-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/03/2006	0053480-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/03/2006	0053480-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/03/2006	0053480-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/03/2006	0053480-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/03/2006	0053480-1	<5.0
Trichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/03/2006	0053480-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/03/2006	0053480-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	<2.0	2.0	ug/l	MAK	10/03/2006	0053480-1	<2.0
m,p-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/03/2006	0053480-1	<5.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/03/2006	0053480-1	<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 0609-2682 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: 06-5900
Lab Sample ID: 0609-2683
Client Sample ID: Trip Blank
Sample Matrix: Aqueous

Date Sampled: 09/20/2006
Date Received: 09/21/2006

Client Site: Essex-Hope
Client Ref.: 41567715

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Volatile Organic Compounds, MS								
Acetone	8260B ⁽¹⁾	<10	10	ug/l	MAK	10/03/2006	0053480-1	<10
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	MAK	10/03/2006	0053480-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/03/2006	0053480-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/03/2006	0053480-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/03/2006	0053480-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	10/03/2006	0053480-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/03/2006	0053480-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/03/2006	0053480-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/03/2006	0053480-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/03/2006	0053480-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/03/2006	0053480-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/03/2006	0053480-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/03/2006	0053480-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/03/2006	0053480-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/03/2006	0053480-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/03/2006	0053480-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/03/2006	0053480-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/03/2006	0053480-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/03/2006	0053480-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/03/2006	0053480-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/03/2006	0053480-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/03/2006	0053480-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/03/2006	0053480-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/03/2006	0053480-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/03/2006	0053480-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/03/2006	0053480-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	10/03/2006	0053480-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	10/03/2006	0053480-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/03/2006	0053480-1	<5.0

(Continued)

REPORT OF LABORATORY ANALYSIS

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Lab Sample ID: 0609-2683

Client Sample ID: Trip Blank

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/03/2006	0053480-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/03/2006	0053480-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/03/2006	0053480-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/03/2006	0053480-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/03/2006	0053480-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/03/2006	0053480-1	<5.0
Trichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/03/2006	0053480-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/03/2006	0053480-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	<2.0	2.0	ug/l	MAK	10/03/2006	0053480-1	<2.0
m,p-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/03/2006	0053480-1	<5.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	10/03/2006	0053480-1	<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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Invoice Information:

☐ GA ☐ IL ☐ IN ☐ MI ☐ MN ☐ NC

☐ OH ☐ SC ☐ WI ☐ OTHER ☐

Pace Project Number

ALLQ020rev.3.31Mar05

November 9, 2006

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 27, 2006. 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 06-6744 when inquiring about this report.

Client Site: Essex-Hope
Client Ref.: 41567715

Pace Sample Identification	Client Sample Identification
0610-3454	Pre-Carb
0610-3455	Primary-Eff
0610-3456	Post-Carb
0610-3457	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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Mr. Mark Dowiak
URS Corporation
Construction Services Division
Foster Plaza 4
501 Holiday Drive, Suite 300
Pittsburgh, PA 15220

Lab Project ID: 06-6744
Lab Sample ID: 0610-3454
Client Sample ID: Pre-Carb
Sample Matrix: Aqueous

Date Sampled: 10/26/2006
Date Received: 10/27/2006

Client Site: Essex-Hope
Client Ref.: 41567715

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Volatile Organic Compounds, MS								
Acetone	8260B ⁽¹⁾	21	10	ug/l	MAK	11/05/2006	0054470-1	<10
Benzene	8260B ⁽¹⁾	7.0	1.0	ug/l	MAK	11/05/2006	0054470-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/05/2006	0054470-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/05/2006	0054470-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/05/2006	0054470-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	11/05/2006	0054470-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/05/2006	0054470-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/05/2006	0054470-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/05/2006	0054470-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/05/2006	0054470-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/05/2006	0054470-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/05/2006	0054470-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/05/2006	0054470-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/05/2006	0054470-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/05/2006	0054470-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/05/2006	0054470-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/05/2006	0054470-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/05/2006	0054470-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/05/2006	0054470-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	15	5.0	ug/l	MAK	11/05/2006	0054470-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	3300	50	ug/l	MAK	11/05/2006	0054470-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	26	5.0	ug/l	MAK	11/05/2006	0054470-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/05/2006	0054470-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/05/2006	0054470-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/05/2006	0054470-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/05/2006	0054470-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	11/05/2006	0054470-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	11/05/2006	0054470-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/05/2006	0054470-1	<5.0

(Continued)

REPORT OF LABORATORY ANALYSIS

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Lab Sample ID: 0610-3454

Client Sample ID: Pre-Carb

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/05/2006	0054470-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/05/2006	0054470-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/05/2006	0054470-1	<5.0
Toluene	8260B ⁽¹⁾	21	5.0	ug/l	MAK	11/05/2006	0054470-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/05/2006	0054470-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/05/2006	0054470-1	<5.0
Trichloroethene	8260B ⁽¹⁾	1400	50	ug/l	MAK	11/05/2006	0054470-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/05/2006	0054470-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	620	100	ug/l	MAK	11/05/2006	0054470-1	<2.0
m,p-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/05/2006	0054470-1	<5.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/05/2006	0054470-1	<5.0

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

Sample Comments: Results reported on an as received basis.

REPORT OF LABORATORY ANALYSIS

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

Lab Project ID: 06-6744
Lab Sample ID: 0610-3455
Client Sample ID: Primary-Eff
Sample Matrix: Aqueous

Date Sampled: 10/26/2006
Date Received: 10/27/2006

Client Site: Essex-Hope
Client Ref.: 41567715

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Volatile Organic Compounds, MS								
Acetone	8260B ⁽¹⁾	<10	10	ug/l	MAK	11/05/2006	0054470-1	<10
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	MAK	11/05/2006	0054470-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/05/2006	0054470-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/05/2006	0054470-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/05/2006	0054470-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	11/05/2006	0054470-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/05/2006	0054470-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/05/2006	0054470-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/05/2006	0054470-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/05/2006	0054470-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/05/2006	0054470-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/05/2006	0054470-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/05/2006	0054470-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/05/2006	0054470-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/05/2006	0054470-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/05/2006	0054470-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/05/2006	0054470-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/05/2006	0054470-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/05/2006	0054470-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/05/2006	0054470-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	33	5.0	ug/l	MAK	11/05/2006	0054470-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/05/2006	0054470-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/05/2006	0054470-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/05/2006	0054470-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/05/2006	0054470-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/05/2006	0054470-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	11/05/2006	0054470-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	11/05/2006	0054470-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/05/2006	0054470-1	<5.0

(Continued)

REPORT OF LABORATORY ANALYSIS

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Lab Sample ID: 0610-3455

Client Sample ID: Primary-Eff

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/05/2006	0054470-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/05/2006	0054470-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/05/2006	0054470-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/05/2006	0054470-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/05/2006	0054470-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/05/2006	0054470-1	<5.0
Trichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/05/2006	0054470-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/05/2006	0054470-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	690	10	ug/l	MAK	11/07/2006	0054493-1	<2.0
m,p-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/05/2006	0054470-1	<5.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/05/2006	0054470-1	<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: 06-6744
Lab Sample ID: 0610-3456
Client Sample ID: Post-Carb
Sample Matrix: Aqueous

Date Sampled: 10/26/2006
Date Received: 10/27/2006

Client Site: Essex-Hope
Client Ref.: 41567715

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Volatile Organic Compounds, MS								
Acetone	8260B ⁽¹⁾	<10	10	ug/l	MAK	11/05/2006	0054470-1	<10
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	MAK	11/05/2006	0054470-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/05/2006	0054470-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/05/2006	0054470-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/05/2006	0054470-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	11/05/2006	0054470-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/05/2006	0054470-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/05/2006	0054470-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/05/2006	0054470-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/05/2006	0054470-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/05/2006	0054470-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/05/2006	0054470-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/05/2006	0054470-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/05/2006	0054470-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/05/2006	0054470-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/05/2006	0054470-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/05/2006	0054470-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/05/2006	0054470-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/05/2006	0054470-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/05/2006	0054470-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/05/2006	0054470-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/05/2006	0054470-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/05/2006	0054470-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/05/2006	0054470-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/05/2006	0054470-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/05/2006	0054470-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	11/05/2006	0054470-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	11/05/2006	0054470-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/05/2006	0054470-1	<5.0

(Continued)

REPORT OF LABORATORY ANALYSIS

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Lab Sample ID: 0610-3456
Client Sample ID: Post-Carb

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/05/2006	0054470-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/05/2006	0054470-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/05/2006	0054470-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/05/2006	0054470-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/05/2006	0054470-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/05/2006	0054470-1	<5.0
Trichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/05/2006	0054470-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/05/2006	0054470-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	<2.0	2.0	ug/l	MAK	11/05/2006	0054470-1	<2.0
m,p-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/05/2006	0054470-1	<5.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/05/2006	0054470-1	<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 0610-3456 was composited from 4 samples prior to analysis.

REPORT OF LABORATORY ANALYSIS

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Lab Project ID: 06-6744
Lab Sample ID: 0610-3457
Client Sample ID: TB-01
Sample Matrix: Aqueous

Date Sampled: 10/26/2006
Date Received: 10/27/2006

Client Site: Essex-Hope
Client Ref.: 41567715

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Volatile Organic Compounds, MS								
Acetone	8260B ⁽¹⁾	<10	10	ug/l	MAK	11/05/2006	0054470-1	<10
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	MAK	11/05/2006	0054470-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/05/2006	0054470-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/05/2006	0054470-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/05/2006	0054470-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	11/05/2006	0054470-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/05/2006	0054470-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/05/2006	0054470-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/05/2006	0054470-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/05/2006	0054470-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/05/2006	0054470-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/05/2006	0054470-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/05/2006	0054470-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/05/2006	0054470-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/05/2006	0054470-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/05/2006	0054470-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/05/2006	0054470-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/05/2006	0054470-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/05/2006	0054470-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/05/2006	0054470-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/05/2006	0054470-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/05/2006	0054470-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/05/2006	0054470-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/05/2006	0054470-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/05/2006	0054470-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/05/2006	0054470-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	11/05/2006	0054470-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	11/05/2006	0054470-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/05/2006	0054470-1	<5.0

(Continued)

REPORT OF LABORATORY ANALYSIS

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Lab Sample ID: 0610-3457
Client Sample ID: TB-01

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/05/2006	0054470-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/05/2006	0054470-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/05/2006	0054470-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/05/2006	0054470-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/05/2006	0054470-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/05/2006	0054470-1	<5.0
Trichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/05/2006	0054470-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/05/2006	0054470-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	<2.0	2.0	ug/l	MAK	11/05/2006	0054470-1	<2.0
m,p-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/05/2006	0054470-1	<5.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	11/05/2006	0054470-1	<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.

Section A

Required Client Information:

Company		
Address		
Email To:		
Phone	Fax	

Section B

Required Project Information:

Report To:		
Copy To:		
Address:		
Purchase Order No.:		
Project Name:		
Project Number:		

Section C

Invoice Information:

Attention:		
Company Name:		
Address:		
Pace Quote Reference:		
Pace Project Manager:		
Pace Profile #:		

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ Other

SITE LOCATION

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

Section D

Valid Matrix Codes

DRINKING WATER DW
WASTE WATER WW
WASTEWATER P
WASTEWATER SL
WASTEWATER VLP
WASTEWATER VOT
WASTEWATER TS

SAMPLE ID

One Character per box.
(A-Z, 0-9 / . -)

Samples IDs MUST BE UNIQUE

MATRIX CODE

SAMPLE TYPE

Q=GRAB C=COMP

SAMPLE TEMP

AT COLLECTION

OF CONTAINERS

Preservatives

Unpreserved

H₂SO₄

HNO₃

HCl

NaOH

Na₂S₂O₃

Methanol

Other

Filtered (Y/N)

Requested Analysis:

Residual Chlorine (Y/N)

Pace Project Number

Lab I.D.

Additional Comments:

RELINQUISHED BY / AFFILIATION DATE TIME ACCEPTED BY / AFFILIATION DATE TIME SAMPLE CONDITION

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER:

SIGNATURE of SAMPLER:

DATE Signed (MM/DD/YY)

December 12, 2006

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 28, 2006. 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 06-7445 when inquiring about this report.

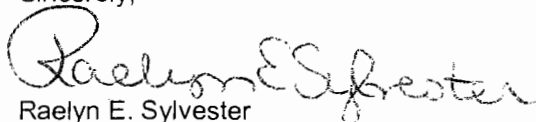
Client Site: Essex-Hope
Client Ref.: 41567715.10000

Pace Sample Identification	Client Sample Identification
0611-3847	PRE-CARB
0611-3848	PRIMARY-EFF
0611-3849	POST-CARB
0611-3853	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: **06-7445**
Lab Sample ID: **0611-3847**
Client Sample ID: **PRE-CARB**
Sample Matrix: **Aqueous**

Date Sampled: 11/27/2006
Date Received: 11/28/2006

Client Site: Essex-Hope
Client Ref.: 41567715.10000

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	12/06/2006	0055544-1	<10
Benzene	8260B ⁽¹⁾	7.7	1.0	ug/l	MAK	12/06/2006	0055544-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	12/06/2006	0055544-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	12/06/2006	0055544-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	12/06/2006	0055544-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	12/06/2006	0055544-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	12/06/2006	0055544-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	12/06/2006	0055544-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	12/06/2006	0055544-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	12/06/2006	0055544-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	12/06/2006	0055544-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	12/06/2006	0055544-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	12/06/2006	0055544-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	12/06/2006	0055544-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	12/06/2006	0055544-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	12/06/2006	0055544-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	12/06/2006	0055544-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	12/06/2006	0055544-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	12/06/2006	0055544-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	15	5.0	ug/l	MAK	12/06/2006	0055544-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	3800	50	ug/l	MAK	12/06/2006	0055544-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	18	5.0	ug/l	MAK	12/06/2006	0055544-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	12/06/2006	0055544-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	12/06/2006	0055544-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	12/06/2006	0055544-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	12/06/2006	0055544-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	12/06/2006	0055544-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	12/06/2006	0055544-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	12/06/2006	0055544-1	<5.0

(Continued)

REPORT OF LABORATORY ANALYSIS

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Lab Sample ID: 0611-3847
Client Sample ID: PRE-CARB

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	12/06/2006	0055544-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	12/06/2006	0055544-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	12/06/2006	0055544-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	12/06/2006	0055544-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	12/06/2006	0055544-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	12/06/2006	0055544-1	<5.0
Trichloroethene	8260B ⁽¹⁾	1500	50	ug/l	MAK	12/06/2006	0055544-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	12/06/2006	0055544-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	530	100	ug/l	MAK	12/06/2006	0055544-1	<2.0
m,p-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	12/06/2006	0055544-1	<5.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	12/06/2006	0055544-1	<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: 06-7445
Lab Sample ID: 0611-3848
Client Sample ID: PRIMARY-EFF
Sample Matrix: Aqueous

Date Sampled: 11/27/2006
Date Received: 11/28/2006

Client Site: Essex-Hope
Client Ref.: 41567715.10000

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	12/06/2006	0055544-1	<10
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	MAK	12/06/2006	0055544-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	12/06/2006	0055544-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	12/06/2006	0055544-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	12/06/2006	0055544-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	12/06/2006	0055544-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	12/06/2006	0055544-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	12/06/2006	0055544-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	12/06/2006	0055544-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	12/06/2006	0055544-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	12/06/2006	0055544-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	12/06/2006	0055544-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	12/06/2006	0055544-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	12/06/2006	0055544-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	12/06/2006	0055544-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	12/06/2006	0055544-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	12/06/2006	0055544-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	12/06/2006	0055544-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	12/06/2006	0055544-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	12/06/2006	0055544-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	1100	50	ug/l	MAK	12/06/2006	0055544-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	12/06/2006	0055544-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	12/06/2006	0055544-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	12/06/2006	0055544-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	12/06/2006	0055544-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	12/06/2006	0055544-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	12/06/2006	0055544-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	12/06/2006	0055544-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	12/06/2006	0055544-1	<5.0

(Continued)

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Lab Sample ID: 0611-3848
Client Sample ID: PRIMARY-EFF

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	12/06/2006	0055544-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	12/06/2006	0055544-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	12/06/2006	0055544-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	12/06/2006	0055544-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	12/06/2006	0055544-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	12/06/2006	0055544-1	<5.0
Trichloroethene	8260B ⁽¹⁾	24	5.0	ug/l	MAK	12/06/2006	0055544-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	12/06/2006	0055544-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	560	100	ug/l	MAK	12/06/2006	0055544-1	<2.0
m,p-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	12/06/2006	0055544-1	<5.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	12/06/2006	0055544-1	<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: **06-7445**
Lab Sample ID: **0611-3849**
Client Sample ID: **POST-CARB**
Sample Matrix: **Aqueous**

Date Sampled: 11/27/2006
Date Received: 11/28/2006

Client Site: Essex-Hope
Client Ref.: 41567715.10000

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	12/06/2006	0055544-1	<10
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	MAK	12/06/2006	0055544-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	12/06/2006	0055544-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	12/06/2006	0055544-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	12/06/2006	0055544-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	12/06/2006	0055544-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	12/06/2006	0055544-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	12/06/2006	0055544-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	12/06/2006	0055544-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	12/06/2006	0055544-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	12/06/2006	0055544-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	12/06/2006	0055544-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	12/06/2006	0055544-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	12/06/2006	0055544-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	12/06/2006	0055544-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	12/06/2006	0055544-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	12/06/2006	0055544-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	12/06/2006	0055544-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	12/06/2006	0055544-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	12/06/2006	0055544-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	5.7	5.0	ug/l	MAK	12/06/2006	0055544-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	12/06/2006	0055544-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	12/06/2006	0055544-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	12/06/2006	0055544-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	12/06/2006	0055544-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	12/06/2006	0055544-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	12/06/2006	0055544-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	12/06/2006	0055544-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	12/06/2006	0055544-1	<5.0

(Continued)

REPORT OF LABORATORY ANALYSIS

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Lab Sample ID: 0611-3849
Client Sample ID: POST-CARB

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	12/06/2006	0055544-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	12/06/2006	0055544-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	12/06/2006	0055544-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	12/06/2006	0055544-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	12/06/2006	0055544-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	12/06/2006	0055544-1	<5.0
Trichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	12/06/2006	0055544-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	12/06/2006	0055544-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	4.1	2.0	ug/l	MAK	12/06/2006	0055544-1	<2.0
m,p-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	12/06/2006	0055544-1	<5.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	12/06/2006	0055544-1	<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 0611-3849 was composited from 4 samples prior to analysis.

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

Lab Project ID: 06-7445
Lab Sample ID: 0611-3853
Client Sample ID: TB-01
Sample Matrix: Aqueous

Date Sampled: 11/27/2006
Date Received: 11/28/2006

Client Site: Essex-Hope
Client Ref.: 41567715.10000

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	12/06/2006	0055544-1	<10
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	MAK	12/06/2006	0055544-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	12/06/2006	0055544-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	12/06/2006	0055544-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	12/06/2006	0055544-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	12/06/2006	0055544-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	12/06/2006	0055544-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	12/06/2006	0055544-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	12/06/2006	0055544-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	12/06/2006	0055544-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	12/06/2006	0055544-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	12/06/2006	0055544-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	12/06/2006	0055544-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	12/06/2006	0055544-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	12/06/2006	0055544-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	12/06/2006	0055544-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	12/06/2006	0055544-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	12/06/2006	0055544-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	12/06/2006	0055544-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	12/06/2006	0055544-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	12/06/2006	0055544-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	12/06/2006	0055544-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	12/06/2006	0055544-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	12/06/2006	0055544-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	12/06/2006	0055544-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	12/06/2006	0055544-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	12/06/2006	0055544-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	12/06/2006	0055544-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	12/06/2006	0055544-1	<5.0

(Continued)

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Lab Sample ID: 0611-3853

Client Sample ID: TB-01

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	12/06/2006	0055544-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	12/06/2006	0055544-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	12/06/2006	0055544-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	12/06/2006	0055544-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	12/06/2006	0055544-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	12/06/2006	0055544-1	<5.0
Trichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	12/06/2006	0055544-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	12/06/2006	0055544-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	<2.0	2.0	ug/l	MAK	12/06/2006	0055544-1	<2.0
m,p-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	12/06/2006	0055544-1	<5.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	12/06/2006	0055544-1	<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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Section A
Required Client Information:

Company	Report To:	Section B Required Project Information:	
Address	Copy To:	Invoice Information:	
		Attention:	
		Company Name:	
		Address:	
Email To:	Purchase Order No.:	Pace Quote Reference:	
Phone	Project Name:	Pace Project Manager:	
Fax	Project Number:	Pace Profile #:	
Requested Due Date/TAT:			

Section C
Invoice Information:

REGULATORY AGENCY	
☐ NPDES	☐ GROUND WATER
☐ UST	☐ RCRA
☐ DRINKING WATER	
☐ Other	
SITE LOCATION	
☐ GA	☐ IL
☐ OH	☐ IN
☐ SC	☐ MI
☐ WI	☐ MN
☐ OTHER	
☐ NC	

#	Valid Matrix Codes	Section D Required Client Information	SAMPLE ID	One Character per box. (A-Z, 0-9 / -)	Samples IDs MUST BE UNIQUE	MATRIX CODE	SAMPLE TYPE G=GRAB C=COMP	COLLECTED			SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives	Filtered (Y/N)	Requested Analysis:	Residual Chlorine (Y/N)	Pace Project Number	Lab I.D.
								COMPOSITE START	COMPOSITE END/GRAB									
									DATE	TIME								
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 CONDITION
						Temp in °C
						Received on Ice
						Custody Sealed Cooler
						Samples Intact
						Y/N Y/N Y/N Y/N Y/N Y/N

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER:	DATE Signed (MM / DD / YY)
SIGNATURE of SAMPLER:	

January 5, 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 December 21, 2006. 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 06-8131 when inquiring about this report.

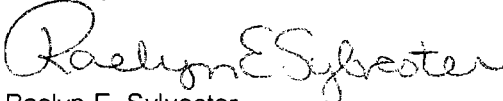
Client Site: Essex-Hope
Client Ref.: 41567715.10000

Pace Sample Identification	Client Sample Identification
0612-3756	Pre-Carb
0612-3757	Primary-Eff
0612-3758	Post-Carb
0612-3759	TB-01

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

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

Sincerely,



Raelyn E. Sylvester
Project Manager

REC: jld

Enclosures

Page 1 of 9

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: 06-8131
Lab Sample ID: 0612-3756
Client Sample ID: Pre-Carb
Sample Matrix: Aqueous

Date Sampled: 12/20/2006
Date Received: 12/21/2006

Client Site: Essex-Hope
Client Ref.: 41567715.10000

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	01/03/2007	0056430-1	<10
Benzene	8260B ⁽¹⁾	7.4	1.0	ug/l	MAK	01/03/2007	0056430-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/03/2007	0056430-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/03/2007	0056430-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/03/2007	0056430-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	01/03/2007	0056430-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/03/2007	0056430-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/03/2007	0056430-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/03/2007	0056430-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/03/2007	0056430-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/03/2007	0056430-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/03/2007	0056430-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/03/2007	0056430-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/03/2007	0056430-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/03/2007	0056430-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/03/2007	0056430-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/03/2007	0056430-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/03/2007	0056430-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/03/2007	0056430-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	19	5.0	ug/l	MAK	01/03/2007	0056430-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	4300	50	ug/l	MAK	01/03/2007	0056430-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	24	5.0	ug/l	MAK	01/03/2007	0056430-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/03/2007	0056430-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/03/2007	0056430-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/03/2007	0056430-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/03/2007	0056430-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	01/03/2007	0056430-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	01/03/2007	0056430-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/03/2007	0056430-1	<5.0

(Continued)

REPORT OF LABORATORY ANALYSIS

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Lab Sample ID: 0612-3756
Client Sample ID: Pre-Carb

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/03/2007	0056430-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/03/2007	0056430-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/03/2007	0056430-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/03/2007	0056430-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/03/2007	0056430-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/03/2007	0056430-1	<5.0
Trichloroethene	8260B ⁽¹⁾	1400	50	ug/l	MAK	01/03/2007	0056430-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/03/2007	0056430-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	530	100	ug/l	MAK	01/03/2007	0056430-1	<2.0
m,p-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/03/2007	0056430-1	<5.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/03/2007	0056430-1	<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: 06-8131
Lab Sample ID: 0612-3757
Client Sample ID: Primary-Eff
Sample Matrix: Aqueous

Date Sampled: 12/20/2006
Date Received: 12/21/2006

Client Site: Essex-Hope
Client Ref.: 41567715.10000

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	01/03/2007	0056430-1	<10
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	MAK	01/03/2007	0056430-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/03/2007	0056430-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/03/2007	0056430-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/03/2007	0056430-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	01/03/2007	0056430-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/03/2007	0056430-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/03/2007	0056430-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/03/2007	0056430-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/03/2007	0056430-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/03/2007	0056430-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/03/2007	0056430-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/03/2007	0056430-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/03/2007	0056430-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/03/2007	0056430-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/03/2007	0056430-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/03/2007	0056430-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/03/2007	0056430-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/03/2007	0056430-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	8.5	5.0	ug/l	MAK	01/03/2007	0056430-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	2500	5.0	ug/l	MAK	01/03/2007	0056430-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	5.4	5.0	ug/l	MAK	01/03/2007	0056430-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/03/2007	0056430-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/03/2007	0056430-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/03/2007	0056430-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/03/2007	0056430-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	01/03/2007	0056430-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	01/03/2007	0056430-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/03/2007	0056430-1	<5.0

(Continued)

REPORT OF LABORATORY ANALYSIS

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Lab Sample ID: 0612-3757

Client Sample ID: Primary-Eff

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/03/2007	0056430-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/03/2007	0056430-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/03/2007	0056430-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/03/2007	0056430-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/03/2007	0056430-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/03/2007	0056430-1	<5.0
Trichloroethene	8260B ⁽¹⁾	84	5.0	ug/l	MAK	01/03/2007	0056430-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/03/2007	0056430-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	780	2.0	ug/l	MAK	01/03/2007	0056430-1	<2.0
m,p-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/03/2007	0056430-1	<5.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/03/2007	0056430-1	<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: 06-8131
Lab Sample ID: 0612-3758
Client Sample ID: Post-Carb
Sample Matrix: Aqueous

Date Sampled: 12/20/2006
Date Received: 12/21/2006

Client Site: Essex-Hope
Client Ref.: 41567715.10000

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	01/03/2007	0056430-1	<10
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	MAK	01/03/2007	0056430-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/03/2007	0056430-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/03/2007	0056430-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/03/2007	0056430-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	01/03/2007	0056430-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/03/2007	0056430-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/03/2007	0056430-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/03/2007	0056430-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/03/2007	0056430-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/03/2007	0056430-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/03/2007	0056430-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/03/2007	0056430-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/03/2007	0056430-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/03/2007	0056430-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/03/2007	0056430-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/03/2007	0056430-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/03/2007	0056430-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/03/2007	0056430-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/03/2007	0056430-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	5.4	5.0	ug/l	MAK	01/03/2007	0056430-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/03/2007	0056430-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/03/2007	0056430-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/03/2007	0056430-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/03/2007	0056430-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/03/2007	0056430-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	01/03/2007	0056430-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	01/03/2007	0056430-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/03/2007	0056430-1	<5.0

(Continued)

REPORT OF LABORATORY ANALYSIS

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Lab Sample ID: 0612-3758
Client Sample ID: Post-Carb

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/03/2007	0056430-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/03/2007	0056430-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/03/2007	0056430-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/03/2007	0056430-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/03/2007	0056430-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/03/2007	0056430-1	<5.0
Trichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/03/2007	0056430-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/03/2007	0056430-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	99	2.0	ug/l	MAK	01/03/2007	0056430-1	<2.0
m,p-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/03/2007	0056430-1	<5.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/03/2007	0056430-1	<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 0612-3758 was composited from 4 samples prior to analysis

REPORT OF LABORATORY ANALYSIS

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

Lab Project ID: 06-8131
Lab Sample ID: 0612-3759
Client Sample ID: TB-01
Sample Matrix: Aqueous

Date Sampled: 12/20/2006
Date Received: 12/21/2006

Client Site: Essex-Hope
Client Ref.: 41567715.10000

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	01/03/2007	0056430-1	<10
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	MAK	01/03/2007	0056430-1	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/03/2007	0056430-1	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/03/2007	0056430-1	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/03/2007	0056430-1	<5.0
2-Butanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	01/03/2007	0056430-1	<10
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/03/2007	0056430-1	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/03/2007	0056430-1	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/03/2007	0056430-1	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/03/2007	0056430-1	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/03/2007	0056430-1	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/03/2007	0056430-1	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/03/2007	0056430-1	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/03/2007	0056430-1	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/03/2007	0056430-1	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/03/2007	0056430-1	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/03/2007	0056430-1	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/03/2007	0056430-1	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/03/2007	0056430-1	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/03/2007	0056430-1	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/03/2007	0056430-1	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/03/2007	0056430-1	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/03/2007	0056430-1	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/03/2007	0056430-1	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/03/2007	0056430-1	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/03/2007	0056430-1	<5.0
2-Hexanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	01/03/2007	0056430-1	<10
4-Methyl-2-pentanone	8260B ⁽¹⁾	<10	10	ug/l	MAK	01/03/2007	0056430-1	<10
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/03/2007	0056430-1	<5.0

(Continued)

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Lab Sample ID: 0612-3759
Client Sample ID: TB-01

Volatiles (Cont.)

Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/03/2007	0056430-1	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/03/2007	0056430-1	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/03/2007	0056430-1	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/03/2007	0056430-1	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/03/2007	0056430-1	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/03/2007	0056430-1	<5.0
Trichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/03/2007	0056430-1	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/03/2007	0056430-1	<5.0
Vinyl chloride	8260B ⁽¹⁾	<2.0	2.0	ug/l	MAK	01/03/2007	0056430-1	<2.0
m,p-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/03/2007	0056430-1	<5.0
o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	MAK	01/03/2007	0056430-1	<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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Section A

Required Client Information:

Company
Address
Email To:
Phone
Fax
Requested Due Date/TAT:

Section B

Required Project Information:

Report To:
Copy To:
Purchase Order No.:
Project Name:
Project Number:

Section C

Invoice Information:

Attention:
Company Name:
Address:
Pace Quote Reference:
Pace Project Manager:
Pace Profile #:

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ Other

SITE LOCATION

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

Section D Required Client Information

SAMPLE ID

One Character per box.
(A-Z, 0-9 / .)

Samples IDs MUST BE UNIQUE

Valid Matrix Codes
MATRIX DRINKING WATER DW
WASTE WATER WW
PRODUCT P
SOIL/SOLID SL
OIL OL
WIPE WP
AIRER WR
OTHER OT
TISSUE TS

MATRIX CODE
SAMPLE TYPE
Q=GRAB C=COMP

COLLECTED

COMPOSITE START DATE TIME
COMPOSITE END/GRAB DATE TIME

SAMPLE TEMP AT COLLECTION

OF CONTAINERS

Preservatives

Unpreserved
H2SO4
HNO3
HCl
NaOH
Na2S2O3
Methanol
Other

Filtered (Y/N)

Requested Analysis:

Residual Chlorine (Y/N)

Pace Project Number
Lab ID

ITEM #

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 CONDITION

Temp in °C	Received on Ice	Custody Sealed Cooler	Samples Intact
Y/N	Y/N	Y/N	Y/N
Y/N	Y/N	Y/N	Y/N
Y/N	Y/N	Y/N	Y/N
Y/N	Y/N	Y/N	Y/N
Y/N	Y/N	Y/N	Y/N
Y/N	Y/N	Y/N	Y/N
Y/N	Y/N	Y/N	Y/N
Y/N	Y/N	Y/N	Y/N
Y/N	Y/N	Y/N	Y/N
Y/N	Y/N	Y/N	Y/N
Y/N	Y/N	Y/N	Y/N

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER:

SIGNATURE of SAMPLER:

DATE Signed (MM / DD / YY)