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August 3, 2001

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REL UNREL

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
January - June 2001
BPU Permit No. 26
URS Project No. 801419**

Dear Mr. Peterson:

This submittal represents the January through June 2001 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.

This Semi-Annual Report contains system influent and effluent data for January through June 2001. During this period, there were exceedances that occurred with respect to VOC concentrations and are documented in the transmittals dated May 22, 2001 and June 18, 2001 from URS to the Jamestown BPU. In order to prevent this situation in the future, URS amended

URS Corporation
Twin Towers, Suite 250
4955 Steubenville Pike
Pittsburgh, PA 15205
Tel: 412.788.2717
Fax: 412.788.1316



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the monthly pre-treatment system sampling protocol to include additional sample collection from the primary carbon unit of the two- (2) carbon unit system. This will afford advanced indication of breakthrough conditions and required change-out of the carbon, thus preventing future incidents of discharge above the permit limitations.

Discharge flow rates for the reporting period ranged from 104,149 to 148,602 gallons per month. The daily average flow rates shown on the attached table 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) 788-2717 Extension 1269.

Sincerely,

A handwritten signature in black ink, appearing to read "K. Dodrill".

Keith A. Dodrill
Project Manager

Attachment

cc: Ben Baker
Maurice Moore (NYSDEC)
John Ross

Table 1
Average Daily Flows
Essex/Hope Site Discharge
January - June 2001

Reporting Requirements for Pre-treated Discharge	January 2001	February 2001	March 2001	April 2001	May 2001	June 2001	Discharge Limit
VOCs (ppb)	13.8 ug/L (Vinyl Chloride, Methylene Chloride, and 2-Butanone)	161.4 ug/L (Vinyl Chloride, TCE, Ethylbenzene, and Xylenes)	4,164 ug/L (Vinyl Chloride, cis-1,2-DCE, trans-1,2-DCE, TCE, Benzene, Toluene, Ethylbenzene, and Xylenes)	8,215 ug/L (Vinyl Chloride, Acetone, 1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, TCE, Isopropylbenzene, Benzene, Toluene, Ethylbenzene, and Xylenes)	Non-detect (<5 ug/L)	Non-detect (<5 ug/L)	2,130 ug/L Total Toxic Organics
pH (Standard Units)	7.48	7.52	7.94	8.04	7.15	7.30	>6 and <9
Monthly Total Flow (gallons)	137,602	142,283	148,602	104,803	104,149	105,667	NA
Average Daily Flow (gallons)	4,439	5,082	4,794	3,493	3,360	3,522	NA
Maximum Daily Flow (gallons)	5,327	6,098	5,752	4,192	4,032	4,227	NA

Table 2
POTW Monthly Monitoring Summary
System Influent/Effluent Data
Volatile Organic Compounds

Pre-Carbon Analytical Results	Jan-31-01 (ug/L)	Feb-27-01 (ug/L)	Mar-23-01 (ug/L)	Apr-27-01 (ug/L)	May-24-01 (ug/L)	Jun-29-01 (ug/L)	Jul-01 (ug/L)	Aug-01 (ug/L)	Sep-01 (ug/L)	Oct-01 (ug/L)	Nov-01 (ug/L)	Dec-01 (ug/L)
Chloromethane	6.15	<250	<5	<5	<5	<5						
Vinyl Chloride	470 ^D	260	370	490	350	400						
Methylene Chloride	<1	<250	<5	<5	<5	<5						
Acetone	3.18	<250	<5	<5	6.1	6.6						
1,1-Dichloroethene	15	<250	12	11	7.9	9.4						
cis-1,2-Dichloroethene	NA	NA	3,900	3,400	2,400	3,800						
trans-1,2-Dichloroethene	14	<250	15	14	8.0	9.7						
Chloroform	<1	<250	<5	<5	<5	<5						
2-Butanone	4.87	<250	<5	<5	<5	<5						
Trichloroethene	2,800 ^D	1,200	1,100	1,300	250	880						
Isopropylbenzene	3.43	<250	5.4	7.7	5.5	<5						
Benzene	4.31	<250	5.4	5.5	3.8	4.2						
Toluene	92	<250	160	360	150	180						
Ethylbenzene	190	140 ^J	330	560	330	340						
Total Xylenes	1,300 ^D	1,200	2,920	4,400	2,640	2,940	3,190					
Pre-Carb TOTAL VOCs	4,902.94	2,800	8,817.80	10,548.20	6,151.30	8,569.90						

Primary Carbon Analytical Results	Jan-31-01 (ug/L)	Feb-27-01 (ug/L)	Mar-23-01 (ug/L)	Apr-27-01 (ug/L)	May-24-01 (ug/L)	Jun-29-01 (ug/L)	Jul-01 (ug/L)	Aug-01 (ug/L)	Sep-01 (ug/L)	Oct-01 (ug/L)	Nov-01 (ug/L)	Dec-01 (ug/L)
Chloromethane	NS	NS	NS	NS	NS	<5						
Vinyl Chloride	NS	NS	NS	NS	NS	400						
Methylene Chloride	NS	NS	NS	NS	NS	<5						
Acetone	NS	NS	NS	NS	NS	<5						
1,1-Dichloroethene	NS	NS	NS	NS	NS	<5						
cis-1,2-Dichloroethene	NS	NS	NS	NS	NS	17						
trans-1,2-Dichloroethene	NS	NS	NS	NS	NS	<5						
Chloroform	NS	NS	NS	NS	NS	<5						
2-Butanone	NS	NS	NS	NS	NS	<5						
Trichloroethene	NS	NS	NS	NS	NS	<5						
Isopropylbenzene	NS	NS	NS	NS	NS	<5						
Benzene	NS	NS	NS	NS	NS	<1						
Toluene	NS	NS	NS	NS	NS	<5						
Ethylbenzene	NS	NS	NS	NS	NS	<5						
Total Xylenes	NS	NS	NS	NS	NS	<5						
Primary-Carb TOTAL VOCs	N/A	N/A	N/A	N/A	N/A	417						

Post-Carbon Analytical Results	Jan-31-01 (ug/L)	Feb-27-01 (ug/L)	Mar-23-01 (ug/L)	Apr-27-01 (ug/L)	May-24-01 (ug/L)	Jun-29-01 (ug/L)	Jul-01 (ug/L)	Aug-01 (ug/L)	Sep-01 (ug/L)	Oct-01 (ug/L)	Nov-01 (ug/L)	Dec-01 (ug/L)
Chloromethane	<1	<1	<5	<5	<5	<5						
Vinyl Chloride	11	150 ^D	280	360	<2	<2						
Methylene Chloride	1.44	<1	<5	<5	<5	<5						
Acetone	<1	<1	<5	5.7	<5	<5						
1,1-Dichloroethene	<1	<1	<5	7.9	<5	<5						
cis-1,2-Dichloroethene	NA	NA	1,900	3,000	<5	<5						
trans-1,2-Dichloroethene	<1	<1	5.8	11	<5	<5						
Chloroform	<1	<1	<5	<5	<5	<5						
2-Butanone	1.40	<1	<5	<5	<5	<5						
Trichloroethene	<1	5.84	490	920	<5	<5						
Isopropylbenzene	<1	<1	<5	6.0	<5	<5						
Benzene	<1	<1	2.1	4.3	<1	<1						
Toluene	<1	<1	66	310	<5	<5						
Ethylbenzene	<1	0.599 ^J	130	400	<5	<5						
Total Xylenes	<1	4.94	1,290	3,190	<5	<5						
Post-Carb TOTAL VOCs	13.84	161.38	4,163.9	8,214.9	ND	ND						

Notes:

Pre-Carbon sample results represent system influent.

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

Post-Carbon sample results represent system effluent from the secondary carbon vessel to the POTW.

B = Qualified as non-detect due to blank contamination

D = Analyzed with dilution, see laboratory reports for dilution factor

J = Estimated Concentration

NA = Not Analyzed

NS = Not Sampled

ND = Non detect

JANUARY LABORATORY RESULTS

**CEIMIC
Corporation**

"Analytical Chemistry for Environmental Management"

February 22, 2001

Mr. Keith Dodrill
URS
Twin Towers, Suite 250
4955 Steubenville Pike
Pittsburgh, PA 15205

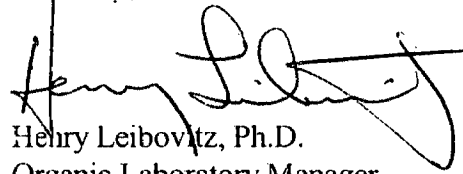
Dear Mr. Dodrill:

Enclosed are the results for the analyses performed in support of the URS Project Jamestown, NY Essex/Hope, Case No. 801419, SDG No. 013101. The 3 aqueous samples were taken from the field on January 31, 2001 and received at Ceimic Corporation on February 1, 2001.

These samples are reported under the Ceimic Project Number 010075, which can be referenced when inquiring about this project.

If you have any questions or concerns regarding this data, please call me at the telephone number listed below.

Sincerely,



Henry Leibovitz, Ph.D.
Organic Laboratory Manager

HL/klw

Enclosures

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

URS SAMPLE NO.

PRE-CARB
1/31/01

Lab Name: CEIMIC CORP

Contract: URS

Lab Code: CEIMIC

Case No.: 801419

SAS No.:

SDG No.: 013101

Matrix: (soil/water) WATER

Lab Sample ID: 010075-01A

Sample wt/vol: 20.00 (g/mL) ML

Lab File ID: OF533

Level: (low/med) LOW

Date Received: 02/01/01

% Moisture: not dec. _____

Date Analyzed: 02/22/01

GC Column: VOCOL ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L Q

74-87-3-----	Chloromethane	6.15	
75-01-4-----	Vinyl Chloride	490	E
74-83-9-----	Bromomethane	1.00	U
75-00-3-----	Chloroethane	1.00	U
75-69-4-----	Trichlorofluoromethane	1.00	U
67-64-1-----	Acetone	3.18	
75-35-4-----	1,1-Dichloroethene	15	
75-09-2-----	Methylene Chloride	1.00	U
156-60-5-----	trans-1,2-Dichloroethene	14	
75-34-3-----	1,1-Dichloroethane	1.00	U
78-93-3-----	2-Butanone	4.87	
67-66-3-----	Chloroform	1.00	U
71-55-6-----	1,1,1-Trichloroethane	1.00	U
56-23-5-----	Carbon Tetrachloride	1.00	U
107-06-2-----	1,2-Dichloroethane	1.00	U
71-43-2-----	Benzene	4.31	
79-01-6-----	Trichloroethene	820	E
78-87-5-----	1,2-Dichloropropane	1.00	U
75-27-4-----	Bromodichloromethane	1.00	U
10061-01-5-----	cis-1,3-Dichloropropene	1.00	U
108-88-3-----	Toluene	92	
10061-02-6-----	trans-1,3-Dichloropropene	1.00	U
79-00-5-----	1,1,2-Trichloroethane	1.00	U
127-18-4-----	Tetrachloroethene	1.00	U
124-48-1-----	Dibromochloromethane	1.00	U
108-90-7-----	Chlorobenzene	1.00	U
100-41-4-----	Ethylbenzene	190	
1330-20-7-----	Xylenes (total)	740	E
108-38-3-----	m,p-Xylenes	480	E
95-47-6-----	o-Xylene	260	E
75-25-2-----	Bromoform	1.00	U
98-82-8-----	Isopropylbenzene	3.43	
79-34-5-----	1,1,2,2-Tetrachloroethane	1.00	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

URS SAMPLE NO.

PRE-CARB
1/31/01

Lab Name: CEIMIC CORP

Contract: URS

Lab Code: CEIMIC

Case No.: 801419 SAS No.:

SDG No.: 013101

Matrix: (soil/water) WATER

Lab Sample ID: 010075-01A

Sample wt/vol: 20.00 (g/mL) ML

Lab File ID: OF533

Level: (low/med) LOW

Date Received: 02/01/01

% Moisture: not dec. _____

Date Analyzed: 02/22/01

GC Column: VOCOL ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
---------	----------	--	---

541-73-1-----	1,3-Dichlorobenzene	1.00	U
106-46-7-----	1,4-Dichlorobenzene	1.00	U
95-50-1-----	1,2-Dichlorobenzene	1.00	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

URS SAMPLE NO.

PRE-CARBDL

Lab Name: CEIMIC CORP

Contract: URS

Lab Code: CEIMIC

Case No.: 801419

SAS No.:

SDG No.: 013101

Matrix: (soil/water) WATER

Lab Sample ID: 010075-01ADL

Sample wt/vol: 20.00 (g/mL) ML

Lab File ID: OF536

Level: (low/med) LOW

Date Received: 02/01/01

% Moisture: not dec. _____

Date Analyzed: 02/22/01

GC Column: VOCOL ID: 0.53 (mm)

Dilution Factor: 50.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
---------	----------	--	---

74-87-3-----	Chloromethane	50	U
75-01-4-----	Vinyl Chloride	470	D
74-83-9-----	Bromomethane	50	U
75-00-3-----	Chloroethane	50	U
75-69-4-----	Trichlorofluoromethane	50	U
67-64-1-----	Acetone	50	U
75-35-4-----	1,1-Dichloroethene	50	U
75-09-2-----	Methylene Chloride	50	U
156-60-5-----	trans-1,2-Dichloroethene	50	U
75-34-3-----	1,1-Dichloroethane	50	U
78-93-3-----	2-Butanone	50	U
67-66-3-----	Chloroform	50	U
71-55-6-----	1,1,1-Trichloroethane	50	U
56-23-5-----	Carbon Tetrachloride	50	U
107-06-2-----	1,2-Dichloroethane	50	U
71-43-2-----	Benzene	50	U
79-01-6-----	Trichloroethene	2800	D
78-87-5-----	1,2-Dichloropropane	50	U
75-27-4-----	Bromodichloromethane	50	U
10061-01-5-----	cis-1,3-Dichloropropene	50	U
108-88-3-----	Toluene	95	D
10061-02-6-----	trans-1,3-Dichloropropene	50	U
79-00-5-----	1,1,2-Trichloroethane	50	U
127-18-4-----	Tetrachloroethene	50	U
124-48-1-----	Dibromochloromethane	50	U
108-90-7-----	Chlorobenzene	50	U
100-41-4-----	Ethylbenzene	190	D
1330-20-7-----	Xylenes (total)	1300	D
108-38-3-----	m,p-Xylenes	970	D
95-47-6-----	o-Xylene	330	D
75-25-2-----	Bromoform	50	U
98-82-8-----	Isopropylbenzene	50	U
79-34-5-----	1,1,2,2-Tetrachloroethane	50	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

URS SAMPLE NO.

PRE-CARBDL

Lab Name: CEIMIC CORP

Contract: URS

Lab Code: CEIMIC

Case No.: 801419

SAS No.:

SDG No.: 013101

Matrix: (soil/water) WATER

Lab Sample ID: 010075-01ADL

Sample wt/vol: 20.00 (g/mL) ML

Lab File ID: OF536

Level: (low/med) LOW

Date Received: 02/01/01

% Moisture: not dec. _____

Date Analyzed: 02/22/01

GC Column: VOCOL ID: 0.53 (mm)

Dilution Factor: 50.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
---------	----------	--	---

541-73-1-----	1,3-Dichlorobenzene	50	U
106-46-7-----	1,4-Dichlorobenzene	50	U
95-50-1-----	1,2-Dichlorobenzene	50	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

URS SAMPLE NO.

POST-CARB

Lab Name: CEIMIC CORP

Contract: URS

Lab Code: CEIMIC

Case No.: 801419

SAS No.:

SDG No.: 013101

Matrix: (soil/water) WATER

Lab Sample ID: 010075-02A

Sample wt/vol: 20.00 (g/mL) ML

Lab File ID: OF532

Level: (low/med) LOW

Date Received: 02/01/01

% Moisture: not dec. _____

Date Analyzed: 02/22/01

GC Column: VOCOL ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
---------	----------	--	---

74-87-3-----	Chloromethane	1.00	U
75-01-4-----	Vinyl Chloride	11	
74-83-9-----	Bromomethane	1.00	U
75-00-3-----	Chloroethane	1.00	U
75-69-4-----	Trichlorofluoromethane	1.00	U
67-64-1-----	Acetone	1.00	U
75-35-4-----	1,1-Dichloroethene	1.00	U
75-09-2-----	Methylene Chloride	1.44	
156-60-5-----	trans-1,2-Dichloroethene	1.00	U
75-34-3-----	1,1-Dichloroethane	1.00	U
78-93-3-----	2-Butanone	1.40	
67-66-3-----	Chloroform	1.00	U
71-55-6-----	1,1,1-Trichloroethane	1.00	U
56-23-5-----	Carbon Tetrachloride	1.00	U
107-06-2-----	1,2-Dichloroethane	1.00	U
71-43-2-----	Benzene	1.00	U
79-01-6-----	Trichloroethene	1.00	U
78-87-5-----	1,2-Dichloropropane	1.00	U
75-27-4-----	Bromodichloromethane	1.00	U
10061-01-5-----	cis-1,3-Dichloropropene	1.00	U
108-88-3-----	Toluene	1.00	U
10061-02-6-----	trans-1,3-Dichloropropene	1.00	U
79-00-5-----	1,1,2-Trichloroethane	1.00	U
127-18-4-----	Tetrachloroethene	1.00	U
124-48-1-----	Dibromochloromethane	1.00	U
108-90-7-----	Chlorobenzene	1.00	U
100-41-4-----	Ethylbenzene	1.00	U
1330-20-7-----	Xylenes (total)	1.00	U
108-38-3-----	m,p-Xylenes	1.00	U
95-47-6-----	o-Xylene	1.00	U
75-25-2-----	Bromoform	1.00	U
98-82-8-----	Isopropylbenzene	1.00	U
79-34-5-----	1,1,2,2-Tetrachloroethane	1.00	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

URS SAMPLE NO.

POST-CARB

Lab Name: CEIMIC CORP

Contract: URS

Lab Code: CEIMIC

Case No.: 801419

SAS No.:

SDG No.: 013101

Matrix: (soil/water) WATER

Lab Sample ID: 010075-02A

Sample wt/vol: 20.00 (g/mL) ML

Lab File ID: OF532

Level: (low/med) LOW

Date Received: 02/01/01

% Moisture: not dec. _____

Date Analyzed: 02/22/01

GC Column: VOCOL ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
---------	----------	--	---

541-73-1-----	1,3-Dichlorobenzene	1.00	U
106-46-7-----	1,4-Dichlorobenzene	1.00	U
95-50-1-----	1,2-Dichlorobenzene	1.00	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

URS SAMPLE NO.

TRIP BLANK

Lab Name: CEIMIC CORP

Contract: URS

Lab Code: CEIMIC

Case No.: 801419

SAS No.:

SDG No.: 013101

Matrix: (soil/water) WATER

Lab Sample ID: 010075-03A

Sample wt/vol: 20.00 (g/mL) ML

Lab File ID: OF531

Level: (low/med) LOW

Date Received: 02/01/01

% Moisture: not dec. _____

Date Analyzed: 02/22/01

GC Column: VOCOL ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
---------	----------	--	---

74-87-3-----	Chloromethane	1.00	U
75-01-4-----	Vinyl Chloride	1.00	U
74-83-9-----	Bromomethane	1.00	U
75-00-3-----	Chloroethane	1.00	U
75-69-4-----	Trichlorofluoromethane	1.00	U
67-64-1-----	Acetone	1.00	U
75-35-4-----	1,1-Dichloroethene	1.00	U
75-09-2-----	Methylene Chloride	1.00	U
156-60-5-----	trans-1,2-Dichloroethene	1.00	U
75-34-3-----	1,1-Dichloroethane	1.00	U
78-93-3-----	2-Butanone	1.00	U
67-66-3-----	Chloroform	1.00	U
71-55-6-----	1,1,1-Trichloroethane	1.00	U
56-23-5-----	Carbon Tetrachloride	1.00	U
107-06-2-----	1,2-Dichloroethane	1.00	U
71-43-2-----	Benzene	1.00	U
79-01-6-----	Trichloroethene	1.00	U
78-87-5-----	1,2-Dichloropropane	1.00	U
75-27-4-----	Bromodichloromethane	1.00	U
10061-01-5-----	cis-1,3-Dichloropropene	1.00	U
108-88-3-----	Toluene	1.00	U
10061-02-6-----	trans-1,3-Dichloropropene	1.00	U
79-00-5-----	1,1,2-Trichloroethane	1.00	U
127-18-4-----	Tetrachloroethene	1.00	U
124-48-1-----	Dibromochloromethane	1.00	U
108-90-7-----	Chlorobenzene	1.00	U
100-41-4-----	Ethylbenzene	1.00	U
1330-20-7-----	Xylenes (total)	1.00	U
108-38-3-----	m,p-Xylenes	1.00	U
95-47-6-----	o-Xylene	1.00	U
75-25-2-----	Bromoform	1.00	U
98-82-8-----	Isopropylbenzene	1.00	U
79-34-5-----	1,1,2,2-Tetrachloroethane	1.00	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

URS SAMPLE NO.

TRIP BLANK

Lab Name: CEIMIC CORP

Contract: URS

Lab Code: CEIMIC

Case No.: 801419

SAS No.:

SDG No.: 013101

Matrix: (soil/water) WATER

Lab Sample ID: 010075-03A

Sample wt/vol: 20.00 (g/mL) ML

Lab File ID: OF531

Level: (low/med) LOW

Date Received: 02/01/01

% Moisture: not dec. _____

Date Analyzed: 02/22/01

GC Column: VOCOL ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
---------	----------	--	---

541-73-1-----	1,3-Dichlorobenzene		
---------------	---------------------	--	--

1.00	U
------	---

106-46-7-----	1,4-Dichlorobenzene		
---------------	---------------------	--	--

1.00	U
------	---

95-50-1-----	1,2-Dichlorobenzene		
--------------	---------------------	--	--

1.00	U
------	---

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

VBLKOG

Lab Name: CEIMIC CORP

Contract: URS

Lab Code: CEIMIC

Case No.: 801419

SAS No.:

SDG No.: 013101

Matrix: (soil/water) WATER

Lab Sample ID: V150222-B1

Sample wt/vol: 20.00 (g/mL) ML

Lab File ID: OF529

Level: (low/med) LOW

Date Received: _____

% Moisture: not dec. _____

Date Analyzed: 02/22/01

GC Column: VOCOL ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
---------	----------	--	---

74-87-3-----	Chloromethane	1.00	U
75-01-4-----	Vinyl Chloride	1.00	U
74-83-9-----	Bromomethane	1.00	U
75-00-3-----	Chloroethane	1.00	U
75-69-4-----	Trichlorofluoromethane	1.00	U
67-64-1-----	Acetone	1.00	U
75-35-4-----	1,1-Dichloroethene	1.00	U
75-09-2-----	Methylene Chloride	1.00	U
156-60-5-----	trans-1,2-Dichloroethene	1.00	U
75-34-3-----	1,1-Dichloroethane	1.00	U
78-93-3-----	2-Butanone	1.00	U
67-66-3-----	Chloroform	1.00	U
71-55-6-----	1,1,1-Trichloroethane	1.00	U
56-23-5-----	Carbon Tetrachloride	1.00	U
107-06-2-----	1,2-Dichloroethane	1.00	U
71-43-2-----	Benzene	1.00	U
79-01-6-----	Trichloroethene	1.00	U
78-87-5-----	1,2-Dichloropropane	1.00	U
75-27-4-----	Bromodichloromethane	1.00	U
10061-01-5-----	cis-1,3-Dichloropropene	1.00	U
108-88-3-----	Toluene	1.00	U
10061-02-6-----	trans-1,3-Dichloropropene	1.00	U
79-00-5-----	1,1,2-Trichloroethane	1.00	U
127-18-4-----	Tetrachloroethene	1.00	U
124-48-1-----	Dibromochloromethane	1.00	U
108-90-7-----	Chlorobenzene	1.00	U
100-41-4-----	Ethylbenzene	1.00	U
1330-20-7-----	Xylenes (total)	1.00	U
108-38-3-----	m,p-Xylenes	1.00	U
95-47-6-----	o-Xylene	1.00	U
75-25-2-----	Bromoform	1.00	U
98-82-8-----	Isopropylbenzene	1.00	U
79-34-5-----	1,1,2,2-Tetrachloroethane	1.00	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

VBLKOG

Lab Name: CEIMIC CORP

Contract: URS

Lab Code: CEIMIC

Case No.: 801419

SAS No.:

SDG No.: 013101

Matrix: (soil/water) WATER

Lab Sample ID: V150222-B1

Sample wt/vol: 20.00 (g/mL) ML

Lab File ID: OF529

Level: (low/med) LOW

Date Received: _____

% Moisture: not dec. _____

Date Analyzed: 02/22/01

GC Column: VOCOL ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
---------	----------	--	---

541-73-1-----	1,3-Dichlorobenzene	1.00	U
106-46-7-----	1,4-Dichlorobenzene	1.00	U
95-50-1-----	1,2-Dichlorobenzene	1.00	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

VLC SOG

Lab Name: CEIMIC CORP

Contract: URS

Lab Code: CEIMIC

Case No.: 801419

SAS No.:

SDG No.: 013101

Matrix: (soil/water) 1

Lab Sample ID: V150222-LCS

Sample wt/vol: 20.00 (g/mL) ML

Lab File ID: OF530

Level: (low/med) LOW

Date Received: _____

% Moisture: not dec. _____

Date Analyzed: 02/22/01

GC Column: VOCOL ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
---------	----------	--	---

74-87-3-----	Chloromethane	7.43	
75-01-4-----	Vinyl Chloride	6.41	
74-83-9-----	Bromomethane	6.00	
75-00-3-----	Chloroethane	5.39	
75-69-4-----	Trichlorofluoromethane	4.43	
67-64-1-----	Acetone	24	
75-35-4-----	1,1-Dichloroethene	4.95	
75-09-2-----	Methylene Chloride	4.35	
156-60-5-----	trans-1,2-Dichloroethene	4.79	
75-34-3-----	1,1-Dichloroethane	4.63	
78-93-3-----	2-Butanone	23	
67-66-3-----	Chloroform	4.52	
71-55-6-----	1,1,1-Trichloroethane	4.44	
56-23-5-----	Carbon Tetrachloride	4.56	
107-06-2-----	1,2-Dichloroethane	4.53	
71-43-2-----	Benzene	4.71	
79-01-6-----	Trichloroethene	4.65	
78-87-5-----	1,2-Dichloropropane	4.64	
75-27-4-----	Bromodichloromethane	4.26	
10061-01-5-----	cis-1,3-Dichloropropene	4.85	
108-88-3-----	Toluene	4.80	
10061-02-6-----	trans-1,3-Dichloropropene	4.69	
79-00-5-----	1,1,2-Trichloroethane	3.96	
127-18-4-----	Tetrachloroethene	5.10	
124-48-1-----	Dibromochloromethane	4.29	
108-90-7-----	Chlorobenzene	4.56	
100-41-4-----	Ethylbenzene	4.31	
1330-20-7-----	Xylenes (total)	14	
108-38-3-----	m,p-Xylenes	9.19	
95-47-6-----	o-Xylene	4.56	
75-25-2-----	Bromoform	4.13	
98-82-8-----	Isopropylbenzene	4.08	
79-34-5-----	1,1,2,2-Tetrachloroethane	4.02	

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

VLCSOG

Lab Name: CEIMIC CORP

Contract: URS

Lab Code: CEIMIC

Case No.: 801419 SAS No.:

SDG No.: 013101

Matrix: (soil/water) 1

Lab Sample ID: V150222-LCS

Sample wt/vol: 20.00 (g/mL) ML

Lab File ID: OF530

Level: (low/med) LOW

Date Received: _____

% Moisture: not dec. _____

Date Analyzed: 02/22/01

GC Column: VOCOL ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
---------	----------	--	---

541-73-1-----	1,3-Dichlorobenzene	4.02	_____
---------------	---------------------	------	-------

106-46-7-----	1,4-Dichlorobenzene	4.13	_____
---------------	---------------------	------	-------

95-50-1-----	1,2-Dichlorobenzene	4.25	_____
--------------	---------------------	------	-------

FORM 2
1 VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: CEIMIC CORP

Contract: URS

Lab Code: CEIMIC

Case No.: 801419

SAS No.:

SDG No.: 013101

	CLIENT SAMPLE NO.	SMC1 #	SMC2 (DCE) #	SMC3 (TOL) #	OTHER (BFB) #	TOT OUT
	=====	=====	=====	=====	=====	=====
01	VLCSOG	92	84	94	91	0
02						
03						
04						
05						
06						
07						
08						
09						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						

QC LIMITS

SMC1 = Dibromofluoromethane (75-125)
 SMC2 (DCE) = 1,2-Dichloroethane-d4 (75-125)
 SMC3 (TOL) = Toluene-d8 (75-125)
 OTHER (BFB) = Bromofluorobenzene (75-125)

Column to be used to flag recovery values

* Values outside of contract required QC limits

D System Monitoring Compound diluted out

FORM 2
WATER VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: CEIMIC CORP

Contract: URS

Lab Code: CEIMIC

Case No.: 801419

SAS No.:

SDG No.: 013101

	CLIENT SAMPLE NO.	SMC1 #	SMC2 (DCE) #	SMC3 (TOL) #	OTHER (BFB) #	TOT OUT
01	VBLKOG	93	82	95	108	0
02	TRIP BLANK	84	78	89	97	0
03	POST-CARB	87	84	83	99	0
04	PRE-CARB 1/3	95	86	83	98	0
05	PRE-CARBDL	107	97	103	118	0
06						
07						
08						
09						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						

QC LIMITS

SMC1 = Dibromofluoromethane (75-125)
 SMC2 (DCE) = 1,2-Dichloroethane-d4 (75-125)
 SMC3 (TOL) = Toluene-d8 (75-125)
 OTHER (BFB) = Bromofluorobenzene (75-125)

Column to be used to flag recovery values

* Values outside of contract required QC limits

D System Monitoring Compound diluted out

FORM 3
1 VOLATILE LAB CONTROL SAMPLE

Lab Name: CEIMIC CORP

Contract: URS

Lab Code: CEIMIC

Case No.: 801419

SAS No.:

SDG No.: 013101

Matrix Spike - Sample No.: VLC SOG

COMPOUND	SPIKE ADDED (ug/l)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ug/l)	LCS % REC #	QC. LIMITS REC.
Chloromethane	5.00		7.43	149*	63-123
Vinyl Chloride	5.00		6.41	128*	63-123
Bromomethane	5.00		6.00	120	63-123
Chloroethane	5.00		5.39	108	63-123
Trichlorofluoromethane	5.00		4.43	89	63-123
Acetone	25		24	96	63-123
1,1-Dichloroethene	5.00		4.95	99	63-123
Methylene Chloride	5.00		4.35	87	63-123
trans-1,2-Dichloroethen	5.00		4.79	96	63-123
1,1-Dichloroethane	5.00		4.63	93	63-123
2-Butanone	25		23	92	63-123
Chloroform	5.00		4.52	90	63-123
1,1,1-Trichloroethane	5.00		4.44	89	63-123
Carbon Tetrachloride	5.00		4.56	91	63-123
1,2-Dichloroethane	5.00		4.53	91	63-123
Benzene	5.00		4.71	94	63-123
Trichloroethene	5.00		4.65	93	63-123
1,2-Dichloropropane	5.00		4.64	93	63-123
Bromodichloromethane	5.00		4.26	85	63-123
cis-1,3-Dichloropropene	5.00		4.85	97	63-123
Toluene	5.00		4.80	96	63-123
trans-1,3-Dichloroprope	5.00		4.69	94	63-123
1,1,2-Trichloroethane	5.00		3.96	79	63-123
Tetrachloroethene	5.00		5.10	102	63-123
Dibromochloromethane	5.00		4.29	86	63-123
Chlorobenzene	5.00		4.56	91	63-123
Ethylbenzene	5.00		4.31	86	63-123
Xylenes (total)	15		14	93	63-123

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS:

FORM 3
1 VOLATILE LAB CONTROL SAMPLE

Lab Name: CEIMIC CORP

Contract: URS

Lab Code: CEIMIC

Case No.: 801419

SAS No.:

SDG No.: 013101

Matrix Spike - Sample No.: VLCSOG

COMPOUND	SPIKE ADDED (ug/l)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ug/l)	LCS % REC #	QC. LIMITS REC.
=====	=====	=====	=====	=====	=====
m,p-Xylenes	10		9.19	92	63-123
o-Xylene	5.00		4.56	91	63-123
Bromoform	5.00		4.13	83	63-123
Isopropylbenzene	5.00		4.08	82	63-123
1,1,2,2-Tetrachloroetha	5.00		4.02	80	63-123
1,3-Dichlorobenzene	5.00		4.02	80	63-123
1,4-Dichlorobenzene	5.00		4.13	83	63-123
1,2-Dichlorobenzene	5.00		4.25	85	63-123

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 0 outside limits

Spike Recovery: 2 out of 36 outside limits

COMMENTS:

FEBRUARY LABORATORY RESULTS

**CEIMIC
Corporation**

"Analytical Chemistry for Environmental Management"

March 20, 2001

Mr. Keith Dodrill
URS Greiner
4955 Steubenville Pike
Pittsburgh, PA 15205

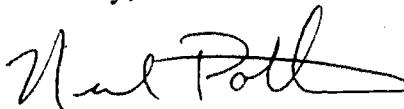
Dear Mr. Dodrill:

Enclosed are the results for the analyses performed in support of the URS Project Jamestown, NY, SDG No. 022701. The 3 water samples were taken from the field on February 26, 2001 and received at Ceimic Corporation on February 27, 2001.

These samples are reported under the Ceimic Project Number 010199, which can be referenced when inquiring about this project.

If you have any questions or concerns regarding this data, please call me at the telephone number listed below.

Sincerely,



Neil Pothier, Ph.D.
Laboratory Director

NP/klw

Enclosures

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

URS SAMPLE NO.

PRE-CARB
2/26/01

Lab Name: CEIMIC CORP

Contract: URS

Lab Code: CEIMIC

Case No.: 801419

SAS No.:

SDG No.: 022701

Matrix: (soil/water) WATER

Lab Sample ID: 010199-01

Sample wt/vol: 20.00 (g/mL) ML

Lab File ID: OF827

Level: (low/med) LOW

Date Received: 02/27/01

% Moisture: not dec. _____

Date Analyzed: 03/12/01

GC Column: VOCOL ID: 0.53 (mm)

Dilution Factor: 250.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
---------	----------	--	---

74-87-3-----	Chloromethane	250	U
75-01-4-----	Vinyl Chloride	260	
74-83-9-----	Bromomethane	250	U
75-00-3-----	Chloroethane	250	U
75-69-4-----	Trichlorofluoromethane	250	U
67-64-1-----	Acetone	250	U
75-35-4-----	1,1-Dichloroethene	250	U
75-09-2-----	Methylene Chloride	250	U
156-60-5-----	trans-1,2-Dichloroethene	250	U
75-34-3-----	1,1-Dichloroethane	250	U
78-93-3-----	2-Butanone	250	U
67-66-3-----	Chloroform	250	U
71-55-6-----	1,1,1-Trichloroethane	250	U
56-23-5-----	Carbon Tetrachloride	250	U
107-06-2-----	1,2-Dichloroethane	250	U
71-43-2-----	Benzene	250	U
79-01-6-----	Trichloroethene	1200	
78-87-5-----	1,2-Dichloropropane	250	U
75-27-4-----	Bromodichloromethane	250	U
10061-01-5-----	cis-1,3-Dichloropropene	250	U
108-88-3-----	Toluene	250	U
10061-02-6-----	trans-1,3-Dichloropropene	250	U
79-00-5-----	1,1,2-Trichloroethane	250	U
127-18-4-----	Tetrachloroethene	250	U
124-48-1-----	Dibromochloromethane	250	U
108-90-7-----	Chlorobenzene	250	U
100-41-4-----	Ethylbenzene	140	J
1330-20-7-----	Xylenes (total)	1200	
108-38-3-----	m,p-Xylenes	870	
95-47-6-----	o-Xylene	320	
75-25-2-----	Bromoform	250	U
98-82-8-----	Isopropylbenzene	250	U
79-34-5-----	1,1,2,2-Tetrachloroethane	250	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

URS SAMPLE NO.

PRE-CARB 2/26/01

Lab Name: CEIMIC CORP

Contract: URS

Lab Code: CEIMIC

Case No.: 801419

SAS No.:

SDG No.: 022701

Matrix: (soil/water) WATER

Lab Sample ID: 010199-01

Sample wt/vol: 20.00 (g/mL) ML

Lab File ID: OF827

Level: (low/med) LOW

Date Received: 02/27/01

% Moisture: not dec. _____

Date Analyzed: 03/12/01

GC Column: VOCOL ID: 0.53 (mm)

Dilution Factor: 250.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
---------	----------	--	---

541-73-1-----1,3-Dichlorobenzene	250	U
106-46-7-----1,4-Dichlorobenzene	250	U
95-50-1-----1,2-Dichlorobenzene	250	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

URS SAMPLE NO.

POST-CAR
B 2/26/01

Lab Name: CEIMIC CORP

Contract: URS

Lab Code: CEIMIC

Case No.: 801419

SAS No.:

SDG No.: 022701

Matrix: (soil/water) WATER

Lab Sample ID: 010199-02

Sample wt/vol: 20.00 (g/mL) ML

Lab File ID: OF825

Level: (low/med) LOW

Date Received: 02/27/01

% Moisture: not dec. _____

Date Analyzed: 03/11/01

GC Column: VOCOL ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L Q

74-87-3-----	Chloromethane	1.00	U
75-01-4-----	Vinyl Chloride	250	E
74-83-9-----	Bromomethane	1.00	U
75-00-3-----	Chloroethane	1.00	U
75-69-4-----	Trichlorofluoromethane	1.00	U
67-64-1-----	Acetone	1.00	U
75-35-4-----	1,1-Dichloroethene	1.00	U
75-09-2-----	Methylene Chloride	1.00	U
156-60-5-----	trans-1,2-Dichloroethene	1.00	U
75-34-3-----	1,1-Dichloroethane	1.00	U
78-93-3-----	2-Butanone	1.00	U
67-66-3-----	Chloroform	1.00	U
71-55-6-----	1,1,1-Trichloroethane	1.00	U
56-23-5-----	Carbon Tetrachloride	1.00	U
107-06-2-----	1,2-Dichloroethane	1.00	U
71-43-2-----	Benzene	1.00	U
79-01-6-----	Trichloroethene	5.84	U
78-87-5-----	1,2-Dichloropropane	1.00	U
75-27-4-----	Bromodichloromethane	1.00	U
10061-01-5-----	cis-1,3-Dichloropropene	1.00	U
108-88-3-----	Toluene	1.00	U
10061-02-6-----	trans-1,3-Dichloropropene	1.00	U
79-00-5-----	1,1,2-Trichloroethane	1.00	U
127-18-4-----	Tetrachloroethene	1.00	U
124-48-1-----	Dibromochloromethane	1.00	U
108-90-7-----	Chlorobenzene	1.00	U
100-41-4-----	Ethylbenzene	0.599	J
1330-20-7-----	Xylenes (total)	4.94	U
108-38-3-----	m,p-Xylenes	3.59	U
95-47-6-----	o-Xylene	1.32	U
75-25-2-----	Bromoform	1.00	U
98-82-8-----	Isopropylbenzene	1.00	U
79-34-5-----	1,1,2,2-Tetrachloroethane	1.00	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

URS SAMPLE NO.

POST-CAR
B 2/26/01

Lab Name: CEIMIC CORP

Contract: URS

Lab Code: CEIMIC

Case No.: 801419

SAS No.:

SDG No.: 022701

Matrix: (soil/water) WATER

Lab Sample ID: 010199-02

Sample wt/vol: 20.00 (g/mL) ML

Lab File ID: OF825

Level: (low/med) LOW

Date Received: 02/27/01

% Moisture: not dec. _____

Date Analyzed: 03/11/01

GC Column: VOCOL ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
---------	----------	--	---

541-73-1-----	1,3-Dichlorobenzene	1.00	U
106-46-7-----	1,4-Dichlorobenzene	1.00	U
95-50-1-----	1,2-Dichlorobenzene	1.00	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

URS SAMPLE NO.

POST-CARB
2/26/01DL

Lab Name: CEIMIC CORP

Contract: URS

Lab Code: CEIMIC

Case No.: 801419

SAS No.:

SDG No.: 022701

Matrix: (soil/water) WATER

Lab Sample ID: 010199-02DL

Sample wt/vol: 20.00 (g/mL) ML

Lab File ID: OF828

Level: (low/med) LOW

Date Received: 02/27/01

% Moisture: not dec. _____

Date Analyzed: 03/12/01

GC Column: VOCOL ID: 0.53 (mm)

Dilution Factor: 10.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
---------	----------	--	---

74-87-3-----	Chloromethane	10	U
75-01-4-----	Vinyl Chloride	150	D
74-83-9-----	Bromomethane	10	U
75-00-3-----	Chloroethane	10	U
75-69-4-----	Trichlorofluoromethane	10	U
67-64-1-----	Acetone	10	U
75-35-4-----	1,1-Dichloroethene	10	U
75-09-2-----	Methylene Chloride	10	U
156-60-5-----	trans-1,2-Dichloroethene	10	U
75-34-3-----	1,1-Dichloroethane	10	U
78-93-3-----	2-Butanone	10	U
67-66-3-----	Chloroform	10	U
71-55-6-----	1,1,1-Trichloroethane	10	U
56-23-5-----	Carbon Tetrachloride	10	U
107-06-2-----	1,2-Dichloroethane	10	U
71-43-2-----	Benzene	10	U
79-01-6-----	Trichloroethene	10	U
78-87-5-----	1,2-Dichloropropane	10	U
75-27-4-----	Bromodichloromethane	10	U
10061-01-5-----	cis-1,3-Dichloropropene	10	U
108-88-3-----	Toluene	10	U
10061-02-6-----	trans-1,3-Dichloropropene	10	U
79-00-5-----	1,1,2-Trichloroethane	10	U
127-18-4-----	Tetrachloroethene	10	U
124-48-1-----	Dibromochloromethane	10	U
108-90-7-----	Chlorobenzene	10	U
100-41-4-----	Ethylbenzene	10	U
1330-20-7-----	Xylenes (total)	10	U
108-38-3-----	m,p-Xylenes	10	U
95-47-6-----	o-Xylene	10	U
75-25-2-----	Bromoform	10	U
98-82-8-----	Isopropylbenzene	10	U
79-34-5-----	1,1,2,2-Tetrachloroethane	10	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

URS SAMPLE NO.

POST-CARB
2/26/01DL

Lab Name: CEIMIC CORP

Contract: URS

Lab Code: CEIMIC

Case No.: 801419

SAS No.:

SDG No.: 022701

Matrix: (soil/water) WATER

Lab Sample ID: 010199-02DL

Sample wt/vol: 20.00 (g/mL) ML

Lab File ID: OF828

Level: (low/med) LOW

Date Received: 02/27/01

% Moisture: not dec. _____

Date Analyzed: 03/12/01

GC Column: VOCOL ID: 0.53 (mm)

Dilution Factor: 10.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
---------	----------	--	---

541-73-1-----	1,3-Dichlorobenzene		
---------------	---------------------	--	--

10 U

106-46-7-----	1,4-Dichlorobenzene		
---------------	---------------------	--	--

10 U

95-50-1-----	1,2-Dichlorobenzene		
--------------	---------------------	--	--

10 U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

URS SAMPLE NO.

TRIP BLAN
K 2/26/01

Lab Name: CEIMIC CORP

Contract: URS

Lab Code: CEIMIC

Case No.: 801419

SAS No.:

SDG No.: 022701

Matrix: (soil/water) WATER

Lab Sample ID: 010199-03

Sample wt/vol: 20.00 (g/mL) ML

Lab File ID: OF819

Level: (low/med) LOW

Date Received: 02/27/01

% Moisture: not dec. _____

Date Analyzed: 03/11/01

GC Column: VOCOL ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	UG/L	
74-87-3	-----Chloromethane	1.00	U	
75-01-4	-----Vinyl Chloride	1.00	U	
74-83-9	-----Bromomethane	1.00	U	
75-00-3	-----Chloroethane	1.00	U	
75-69-4	-----Trichlorofluoromethane	1.00	U	
67-64-1	-----Acetone	1.00	U	
75-35-4	-----1,1-Dichloroethene	1.00	U	
75-09-2	-----Methylene Chloride	1.00	U	
156-60-5	-----trans-1,2-Dichloroethene	1.00	U	
75-34-3	-----1,1-Dichloroethane	1.00	U	
78-93-3	-----2-Butanone	1.00	U	
67-66-3	-----Chloroform	1.00	U	
71-55-6	-----1,1,1-Trichloroethane	1.00	U	
56-23-5	-----Carbon Tetrachloride	1.00	U	
107-06-2	-----1,2-Dichloroethane	1.00	U	
71-43-2	-----Benzene	1.00	U	
79-01-6	-----Trichloroethene	1.00	U	
78-87-5	-----1,2-Dichloropropane	1.00	U	
75-27-4	-----Bromodichloromethane	1.00	U	
10061-01-5	-----cis-1,3-Dichloropropene	1.00	U	
108-88-3	-----Toluene	1.00	U	
10061-02-6	-----trans-1,3-Dichloropropene	1.00	U	
79-00-5	-----1,1,2-Trichloroethane	1.00	U	
127-18-4	-----Tetrachloroethene	1.00	U	
124-48-1	-----Dibromochloromethane	1.00	U	
108-90-7	-----Chlorobenzene	1.00	U	
100-41-4	-----Ethylbenzene	1.00	U	
1330-20-7	-----Xylenes (total)	1.00	U	
108-38-3	-----m,p-Xylenes	1.00	U	
95-47-6	-----o-Xylene	1.00	U	
75-25-2	-----Bromoform	1.00	U	
98-82-8	-----Isopropylbenzene	1.00	U	
79-34-5	-----1,1,2,2-Tetrachloroethane	1.00	U	

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

URS SAMPLE NO.

TRIP BLAN
K 2/26/01

Lab Name: CEIMIC CORP

Contract: URS

Lab Code: CEIMIC

Case No.: 801419

SAS No.:

SDG No.: 022701

Matrix: (soil/water) WATER

Lab Sample ID: 010199-03

Sample wt/vol: 20.00 (g/mL) ML

Lab File ID: OF819

Level: (low/med) LOW

Date Received: 02/27/01

% Moisture: not dec. _____

Date Analyzed: 03/11/01

GC Column: VOCOL ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
---------	----------	--	---

541-73-1-----	1,3-Dichlorobenzene	1.00	U
106-46-7-----	1,4-Dichlorobenzene	1.00	U
95-50-1-----	1,2-Dichlorobenzene	1.00	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

VBLKON

Lab Name: CEIMIC CORP

Contract: URS

Lab Code: CEIMIC

Case No.: 801419

SAS No.:

SDG No.: 022701

Matrix: (soil/water) WATER

Lab Sample ID: V150311-B1

Sample wt/vol: 20.00 (g/mL) ML

Lab File ID: OF817

Level: (low/med) LOW

Date Received: _____

% Moisture: not dec. _____

Date Analyzed: 03/11/01

GC Column: VOCOL ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L Q

74-87-3-----	Chloromethane	1.00	U
75-01-4-----	Vinyl Chloride	1.00	U
74-83-9-----	Bromomethane	1.00	U
75-00-3-----	Chloroethane	1.00	U
75-69-4-----	Trichlorofluoromethane	1.00	U
67-64-1-----	Acetone	1.00	U
75-35-4-----	1,1-Dichloroethene	1.00	U
75-09-2-----	Methylene Chloride	1.00	U
156-60-5-----	trans-1,2-Dichloroethene	1.00	U
75-34-3-----	1,1-Dichloroethane	1.00	U
78-93-3-----	2-Butanone	1.00	U
67-66-3-----	Chloroform	1.00	U
71-55-6-----	1,1,1-Trichloroethane	1.00	U
56-23-5-----	Carbon Tetrachloride	1.00	U
107-06-2-----	1,2-Dichloroethane	1.00	U
71-43-2-----	Benzene	1.00	U
79-01-6-----	Trichloroethene	1.00	U
78-87-5-----	1,2-Dichloropropane	1.00	U
75-27-4-----	Bromodichloromethane	1.00	U
10061-01-5-----	cis-1,3-Dichloropropene	1.00	U
108-88-3-----	Toluene	1.00	U
10061-02-6-----	trans-1,3-Dichloropropene	1.00	U
79-00-5-----	1,1,2-Trichloroethane	1.00	U
127-18-4-----	Tetrachloroethene	1.00	U
124-48-1-----	Dibromochloromethane	1.00	U
108-90-7-----	Chlorobenzene	1.00	U
100-41-4-----	Ethylbenzene	1.00	U
1330-20-7-----	Xylenes (total)	1.00	U
108-38-3-----	m,p-Xylenes	1.00	U
95-47-6-----	o-Xylene	1.00	U
75-25-2-----	Bromoform	1.00	U
98-82-8-----	Isopropylbenzene	1.00	U
79-34-5-----	1,1,2,2-Tetrachloroethane	1.00	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

VBLKON

Lab Name: CEIMIC CORP

Contract: URS

Lab Code: CEIMIC

Case No.: 801419

SAS No.:

SDG No.: 022701

Matrix: (soil/water) WATER

Lab Sample ID: V150311-B1

Sample wt/vol: 20.00 (g/mL) ML

Lab File ID: OF817

Level: (low/med) LOW

Date Received: _____

% Moisture: not dec. _____

Date Analyzed: 03/11/01

GC Column: VOCOL ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
541-73-1-----	1,3-Dichlorobenzene	1.00	U
106-46-7-----	1,4-Dichlorobenzene	1.00	U
95-50-1-----	1,2-Dichlorobenzene	1.00	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

VLCSON

Lab Name: CEIMIC CORP

Contract: URS

Lab Code: CEIMIC

Case No.: 801419 SAS No.:

SDG No.: 022701

Matrix: (soil/water) WATER

Lab Sample ID: V150311-LCS

Sample wt/vol: 20.00 (g/mL) ML

Lab File ID: OF818

Level: (low/med) LOW

Date Received: _____

% Moisture: not dec. _____

Date Analyzed: 03/11/01

GC Column: VOCOL ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
---------	----------	--	---

74-87-3-----	Chloromethane	7.06	
75-01-4-----	Vinyl Chloride	5.10	
74-83-9-----	Bromomethane	5.89	
75-00-3-----	Chloroethane	5.03	
75-69-4-----	Trichlorofluoromethane	4.62	
67-64-1-----	Acetone	25	
75-35-4-----	1,1-Dichloroethene	4.39	
75-09-2-----	Methylene Chloride	4.48	
156-60-5-----	trans-1,2-Dichloroethene	4.62	
75-34-3-----	1,1-Dichloroethane	4.67	
78-93-3-----	2-Butanone	27	
67-66-3-----	Chloroform	4.97	
71-55-6-----	1,1,1-Trichloroethane	4.48	
56-23-5-----	Carbon Tetrachloride	4.76	
107-06-2-----	1,2-Dichloroethane	5.16	
71-43-2-----	Benzene	4.54	
79-01-6-----	Trichloroethene	4.50	
78-87-5-----	1,2-Dichloropropane	4.78	
75-27-4-----	Bromodichloromethane	4.88	
10061-01-5-----	cis-1,3-Dichloropropene	4.97	
108-88-3-----	Toluene	4.56	
10061-02-6-----	trans-1,3-Dichloropropene	5.37	
79-00-5-----	1,1,2-Trichloroethane	5.00	
127-18-4-----	Tetrachloroethene	4.86	
124-48-1-----	Dibromochloromethane	4.90	
108-90-7-----	Chlorobenzene	4.50	
100-41-4-----	Ethylbenzene	4.78	
1330-20-7-----	Xylenes (total)	13	
108-38-3-----	m,p-Xylenes	8.37	
95-47-6-----	o-Xylene	4.21	
75-25-2-----	Bromoform	4.61	
98-82-8-----	Isopropylbenzene	3.52	
79-34-5-----	1,1,2,2-Tetrachloroethane	4.37	

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

VLCSON

Lab Name: CEIMIC CORP

Contract: URS

Lab Code: CEIMIC

Case No.: 801419 SAS No.:

SDG No.: 022701

Matrix: (soil/water) WATER

Lab Sample ID: V150311-LCS

Sample wt/vol: 20.00 (g/mL) ML

Lab File ID: OF818

Level: (low/med) LOW

Date Received: _____

% Moisture: not dec. _____

Date Analyzed: 03/11/01

GC Column: VOCOL ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
---------	----------	--	---

541-73-1-----	1,3-Dichlorobenzene	3.99	
106-46-7-----	1,4-Dichlorobenzene	4.34	
95-50-1-----	1,2-Dichlorobenzene	4.36	

FORM 2
WATER VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: CEIMIC CORP

Contract: URS

Lab Code: CEIMIC

Case No.: 801419

SAS No.:

SDG No.: 022701

	CLIENT SAMPLE NO.	SMC1 #	SMC2 (DCE) #	SMC3 (TOL) #	OTHER (BFB) #	TOT OUT
	=====	=====	=====	=====	=====	=====
01	VBLKON	101	100	97	117	0
02	VLCSON	111	113	98	102	0
03	TRIP BLANK 2	104	105	95	117	0
04	POST-CARB 2/	102	96	88	116	0
05	PRE-CARB 2/2	102	93	91	116	0
06	POST-CARB 2/	99	94	93	116	0
07						
08						
09						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						

QC LIMITS

SMC1 = Dibromofluoromethane (75-125)
 SMC2 (DCE) = 1,2-Dichloroethane-d4 (75-125)
 SMC3 (TOL) = Toluene-d8 (75-125)
 OTHER(BFB) = Bromofluorobenzene (75-125)

Column to be used to flag recovery values

* Values outside of contract required QC limits

D System Monitoring Compound diluted out

FORM 3
WATER VOLATILE LAB CONTROL SAMPLE

Lab Name: CEIMIC CORP

Contract: URS

Lab Code: CEIMIC Case No.: 801419 SAS No.:

SDG No.: 022701

Matrix Spike - Sample No.: VLCSON

COMPOUND	SPIKE ADDED (ug/l)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ug/l)	LCS % REC #	QC. LIMITS REC.
=====	=====	=====	=====	=====	=====
Chloromethane	5.00		7.06	141*	63-123
Vinyl Chloride	5.00		5.10	102	63-123
Bromomethane	5.00		5.89	118	63-123
Chloroethane	5.00		5.03	101	63-123
Trichlorofluoromethane	5.00		4.62	92	63-123
Acetone	25		25	100	63-123
1,1-Dichloroethene	5.00		4.39	88	63-123
Methylene Chloride	5.00		4.48	90	63-123
trans-1,2-Dichloroethen	5.00		4.62	92	63-123
1,1-Dichloroethane	5.00		4.67	93	63-123
2-Butanone	25		27	108	63-123
Chloroform	5.00		4.97	99	63-123
1,1,1-Trichloroethane	5.00		4.48	90	63-123
Carbon Tetrachloride	5.00		4.76	95	63-123
1,2-Dichloroethane	5.00		5.16	103	63-123
Benzene	5.00		4.54	91	63-123
Trichloroethene	5.00		4.50	90	63-123
1,2-Dichloropropane	5.00		4.78	96	63-123
Bromodichloromethane	5.00		4.88	98	63-123
cis-1,3-Dichloropropene	5.00		4.97	99	63-123
Toluene	5.00		4.56	91	63-123
trans-1,3-Dichloroprope	5.00		5.37	107	63-123
1,1,2-Trichloroethane	5.00		5.00	100	63-123
Tetrachloroethene	5.00		4.86	97	63-123
Dibromochloromethane	5.00		4.90	98	63-123
Chlorobenzene	5.00		4.50	90	63-123
Ethylbenzene	5.00		4.78	96	63-123
Xylenes (total)	15		13	87	63-123

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS:

FORM 3
WATER VOLATILE LAB CONTROL SAMPLE

Lab Name: CEIMIC CORP

Contract: URS

Lab Code: CEIMIC Case No.: 801419 SAS No.:

SDG No.: 022701

Matrix Spike - Sample No.: VLCSON

COMPOUND	SPIKE ADDED (ug/l)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ug/l)	LCS % REC #	QC. LIMITS REC.
=====	=====	=====	=====	=====	=====
m,p-Xylenes	10		8.37	84	63-123
o-Xylene	5.00		4.21	84	63-123
Bromoform	5.00		4.61	92	63-123
Isopropylbenzene	5.00		3.52	70	63-123
1,1,2,2-Tetrachloroetha	5.00		4.37	87	63-123
1,3-Dichlorobenzene	5.00		3.99	80	63-123
1,4-Dichlorobenzene	5.00		4.34	87	63-123
1,2-Dichlorobenzene	5.00		4.36	87	63-123

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 0 outside limits

Spike Recovery: 1 out of 36 outside limits

COMMENTS: _____

**CEIMIC
Corporation**

"Analytical Chemistry for Environmental Management"

March 20, 2001

Mr. Keith Dodrill
URS Greiner
4955 Steubenville Pike
Pittsburgh, PA 15205

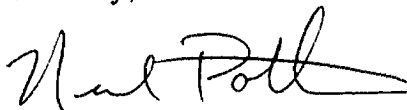
Dear Mr. Dodrill:

Enclosed are the results for the analyses performed in support of the URS Project Jamestown, NY, SDG No. 022701. The 3 water samples were taken from the field on February 26, 2001 and received at Ceimic Corporation on February 27, 2001.

These samples are reported under the Ceimic Project Number 010199, which can be referenced when inquiring about this project.

If you have any questions or concerns regarding this data, please call me at the telephone number listed below.

Sincerely,



Neil Pothier, Ph.D.
Laboratory Director

NP/klw

Enclosures

MARCH LABORATORY RESULTS



Antech Ltd.

One Triangle Lane
Export, PA 15632
Phone: (724)733-1161
Fax: (724)327-7793

April 5, 2001

Mr. Keith Dodrill
Radian International
Twin Towers, Suite 250
4055 Steubenville Pike
Pittsburgh, PA 15205

Dear Mr. Dodrill:

Enclosed are analytical results for samples submitted to Antech Ltd. by Radian International. The samples were received on March 26, 2001. Please reference Antech project number 01-1487 when inquiring about this report.

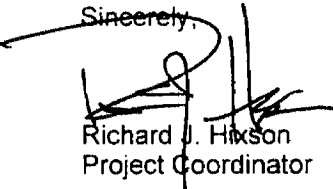
Client Site: Jamestown, NY
Client Ref.: Groundwater

Antech Sample Identification	Client Sample Identification
0103-1529	Pre-Carb
0103-1530	Post Carb
0103-1531	Trip Blank

General Comments: None

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

Sincerely,



Richard J. Hixson
Project Coordinator

RJH: jld

Enclosures

Mr. Keith Dodrill
Radian International
Twin Towers, Suite 250
4055 Steubenville Pike
Pittsburgh, PA 15205

Lab Project ID: 01-1487
Lab Sample ID: 0103-1529
Client Sample ID: Pre-Carb
Sample Matrix: Aqueous

Client Site: Jamestown, NY
Client Ref.: Groundwater

Date Sampled: 03/23/2001
Date Received: 03/26/2001

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Acetone	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	03/28/2001	032904-01	<5.0
Benzene	8260B ⁽¹⁾	5.4	1.0	ug/l	REC	03/28/2001	032904-01	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	03/28/2001	032904-01	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	03/28/2001	032904-01	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	03/28/2001	032904-01	<5.0
2-Butanone	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	03/28/2001	032904-01	<5.0
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	03/28/2001	032904-01	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	03/28/2001	032904-01	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	03/28/2001	032904-01	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	03/28/2001	032904-01	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	03/28/2001	032904-01	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	03/28/2001	032904-01	<5.0
Cumene	8260B ⁽¹⁾	5.4	5.0	ug/l	REC	03/28/2001	032904-01	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	03/28/2001	032904-01	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	03/28/2001	032904-01	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	03/28/2001	032904-01	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	03/28/2001	032904-01	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	03/28/2001	032904-01	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	03/28/2001	032904-01	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	12	5.0	ug/l	REC	03/28/2001	032904-01	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	3900	250	ug/l	REC	04/02/2001	040304-07	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	15	5.0	ug/l	REC	03/28/2001	032904-01	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	03/28/2001	032904-01	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	03/28/2001	032904-01	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	03/28/2001	032904-01	<5.0
Ethylbenzene	8260B ⁽¹⁾	330	250	ug/l	REC	04/02/2001	040304-07	<5.0
2-Hexanone	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	03/28/2001	032904-01	<5.0
4-Methyl-2-pentanone	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	03/28/2001	032904-01	<5.0
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	03/28/2001	032904-01	<5.0
Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	03/28/2001	032904-01	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	03/28/2001	032904-01	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	03/28/2001	032904-01	<5.0
Toluene	8260B ⁽¹⁾	160	5.0	ug/l	REC	03/28/2001	032904-01	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	03/28/2001	032904-01	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	03/28/2001	032904-01	<5.0
Trichloroethene	8260B ⁽¹⁾	1100	250	ug/l	REC	04/02/2001	040304-07	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	03/28/2001	032904-01	<5.0
Vinyl chloride	8260B ⁽¹⁾	370	50	ug/l	REC	04/02/2001	040304-07	<2.0
m,p-Xylene	8260B ⁽¹⁾	2200	250	ug/l	REC	04/02/2001	040304-07	<5.0

(Continued)

Lab Sample ID: 0103-1529

Client Sample ID: Pre-Carb

Volatiles (Cont.)

o-Xylene	8260B ⁽¹⁾	720	250	ug/l	REC	04/02/2001	040304-07	<5.0
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⁽¹⁾ U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: None

Mr. Keith Dodrill
Radian International
Twin Towers, Suite 250
4055 Steubenville Pike
Pittsburgh, PA 15205

Client Site: Jamestown, NY
Client Ref.: Groundwater

Lab Project ID: 01-1487
Lab Sample ID: 0103-1530
Client Sample ID: Post Carb
Sample Matrix: Aqueous

Date Sampled: 03/23/2001
Date Received: 03/26/2001

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Acetone	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	04/02/2001	040304-07	<5.0
Benzene	8260B ⁽¹⁾	2.1	1.0	ug/l	REC	04/02/2001	040304-07	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	04/02/2001	040304-07	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	04/02/2001	040304-07	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	04/02/2001	040304-07	<5.0
2-Butanone	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	04/02/2001	040304-07	<5.0
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	04/02/2001	040304-07	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	04/02/2001	040304-07	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	04/02/2001	040304-07	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	04/02/2001	040304-07	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	04/02/2001	040304-07	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	04/02/2001	040304-07	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	04/02/2001	040304-07	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	04/02/2001	040304-07	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	04/02/2001	040304-07	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	04/02/2001	040304-07	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	04/02/2001	040304-07	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	04/02/2001	040304-07	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	04/02/2001	040304-07	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	04/02/2001	040304-07	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	1900	50	ug/l	REC	04/02/2001	040304-07	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	5.8	5.0	ug/l	REC	04/02/2001	040304-07	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	04/02/2001	040304-07	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	04/02/2001	040304-07	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	04/02/2001	040304-07	<5.0
Ethylbenzene	8260B ⁽¹⁾	130	5.0	ug/l	REC	04/02/2001	040304-07	<5.0
2-Hexanone	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	04/02/2001	040304-07	<5.0
4-Methyl-2-pentanone	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	04/02/2001	040304-07	<5.0
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	04/02/2001	040304-07	<5.0
Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	04/02/2001	040304-07	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	04/02/2001	040304-07	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	04/02/2001	040304-07	<5.0
Toluene	8260B ⁽¹⁾	66	5.0	ug/l	REC	04/02/2001	040304-07	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	04/02/2001	040304-07	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	04/02/2001	040304-07	<5.0
Trichloroethene	8260B ⁽¹⁾	490	50	ug/l	REC	04/02/2001	040304-07	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	04/02/2001	040304-07	<5.0
Vinyl chloride	8260B ⁽¹⁾	280	10	ug/l	REC	04/02/2001	040304-07	<2.0
m,p-Xylene	8260B ⁽¹⁾	950	50	ug/l	REC	04/02/2001	040304-07	<5.0

(Continued)

Lab Sample ID: 0103-1530

Client Sample ID: Post Carb

Volatiles (Cont.)

o-Xylene	8260B ⁽¹⁾	340	50	ug/l	REC	04/02/2001	040304-07	<5.0
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⁽¹⁾ U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments:

Mr. Keith Dodrill
Radian International
Twin Towers, Suite 250
4055 Steubenville Pike
Pittsburgh, PA 15205

Client Site: Jamestown, NY
Client Ref.: Groundwater

Lab Project ID: 01-1487
Lab Sample ID: 0103-1531
Client Sample ID: Trip Blank
Sample Matrix: Aqueous

Date Sampled: 03/23/2001
Date Received: 03/26/2001

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Acetone	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	03/28/2001	032904-01	<5.0
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	REC	03/28/2001	032904-01	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	03/28/2001	032904-01	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	03/28/2001	032904-01	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	03/28/2001	032904-01	<5.0
2-Butanone	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	03/28/2001	032904-01	<5.0
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	03/28/2001	032904-01	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	03/28/2001	032904-01	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	03/28/2001	032904-01	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	03/28/2001	032904-01	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	03/28/2001	032904-01	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	03/28/2001	032904-01	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	03/28/2001	032904-01	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	03/28/2001	032904-01	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	03/28/2001	032904-01	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	03/28/2001	032904-01	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	03/28/2001	032904-01	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	03/28/2001	032904-01	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	03/28/2001	032904-01	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	03/28/2001	032904-01	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	03/28/2001	032904-01	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	03/28/2001	032904-01	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	03/28/2001	032904-01	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	03/28/2001	032904-01	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	03/28/2001	032904-01	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	03/28/2001	032904-01	<5.0
2-Hexanone	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	03/28/2001	032904-01	<5.0
4-Methyl-2-pentanone	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	03/28/2001	032904-01	<5.0
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	03/28/2001	032904-01	<5.0
Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	03/28/2001	032904-01	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	03/28/2001	032904-01	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	03/28/2001	032904-01	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	03/28/2001	032904-01	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	03/28/2001	032904-01	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	03/28/2001	032904-01	<5.0
Trichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	03/28/2001	032904-01	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	03/28/2001	032904-01	<5.0
Vinyl chloride	8260B ⁽¹⁾	<2.0	2.0	ug/l	REC	03/28/2001	032904-01	<2.0
m,p-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	03/28/2001	032904-01	<5.0

(Continued)

Lab Sample ID: 0103-1531
Client Sample ID: Trip Blank

Volatiles (Cont.)

o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	03/28/2001	032904-01	<5.0
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⁽¹⁾ U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: None

Page 1 of 1

Laboratory Project No. 1

(Signature)

Date 3-27-01 Time 1745

Date 3.26.01 Time 0800

Shipment ID: 826011830839

Please Check when VOA Vials are Collected:

☒ Free of Bubbles

☐ Bubbles Present

(Specify in Special Instructions/Comments)

1000

Address:

APRIL LABORATORY RESULTS



Antech Ltd.

One Triangle Lane
Export, PA 15632
Phone: (724)733-1161
Fax: (724)327-7793

May 14, 2001

Mr. Keith Dodrill
Radian International
Twin Towers, Suite 250
4055 Steubenville Pike
Pittsburgh, PA 15205

Dear Mr. Dodrill:

Enclosed are analytical results for samples submitted to Antech Ltd. by Radian International. The samples were received on April 30, 2001. Please reference Antech project number 01-2036 when inquiring about this report.

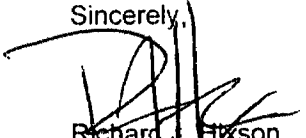
Client Site: Essex, Jamestown, NY
Client Ref.: 801419.1020

Antech Sample Identification	Client Sample Identification
0104-1787	Pre Carb
0104-1788	Post Carb
0104-1792	Trip Blank

General Comments:

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

Sincerely,



Richard J. Hixson
Project Coordinator

RJH: lmy

Enclosures

Mr. Keith Dodrill
Radian International
Twin Towers, Suite 250
4055 Steubenville Pike
Pittsburgh, PA 15205

Lab Project ID: 01-2036
Lab Sample ID: 0104-1787
Client Sample ID: Pre Carb
Sample Matrix: Aqueous

Client Site: Essex, Jamestown, NY
Client Ref.: 801419.1020

Date Sampled: 04/27/2001
Date Received: 04/30/2001

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Acetone	8260B ⁽¹⁾	<5.0	5.0	ug/l	CEL	05/09/2001	051004-04	<5.0
Benzene	8260B ⁽¹⁾	5.5	1.0	ug/l	CEL	05/09/2001	051004-04	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	CEL	05/09/2001	051004-04	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	CEL	05/09/2001	051004-04	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	CEL	05/09/2001	051004-04	<5.0
2-Butanone	8260B ⁽¹⁾	<5.0	5.0	ug/l	CEL	05/09/2001	051004-04	<5.0
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	CEL	05/09/2001	051004-04	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	CEL	05/09/2001	051004-04	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	CEL	05/09/2001	051004-04	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	CEL	05/09/2001	051004-04	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	CEL	05/09/2001	051004-04	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	CEL	05/09/2001	051004-04	<5.0
Cumene	8260B ⁽¹⁾	7.7	5.0	ug/l	CEL	05/09/2001	051004-04	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	CEL	05/09/2001	051004-04	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	CEL	05/09/2001	051004-04	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	CEL	05/09/2001	051004-04	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	CEL	05/09/2001	051004-04	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	CEL	05/09/2001	051004-04	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	CEL	05/09/2001	051004-04	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	11	5.0	ug/l	CEL	05/09/2001	051004-04	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	3400	250	ug/l	CEL	05/09/2001	051404-04	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	14	5.0	ug/l	CEL	05/09/2001	051004-04	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	CEL	05/09/2001	051004-04	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	CEL	05/09/2001	051004-04	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	CEL	05/09/2001	051004-04	<5.0
Ethylbenzene	8260B ⁽¹⁾	560	50	ug/l	CEL	05/09/2001	051404-04	<5.0
2-Hexanone	8260B ⁽¹⁾	<5.0	5.0	ug/l	CEL	05/09/2001	051004-04	<5.0
4-Methyl-2-pentanone	8260B ⁽¹⁾	<5.0	5.0	ug/l	CEL	05/09/2001	051004-04	<5.0
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	CEL	05/09/2001	051004-04	<5.0
Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	CEL	05/09/2001	051004-04	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	CEL	05/09/2001	051004-04	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	CEL	05/09/2001	051004-04	<5.0
Toluene	8260B ⁽¹⁾	360	50	ug/l	CEL	05/09/2001	051404-04	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	CEL	05/09/2001	051004-04	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	CEL	05/09/2001	051004-04	<5.0
Trichloroethene	8260B ⁽¹⁾	1300	50	ug/l	CEL	05/09/2001	051404-04	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	CEL	05/09/2001	051004-04	<5.0
Vinyl chloride	8260B ⁽¹⁾	490	10	ug/l	CEL	05/09/2001	051404-04	<2.0
m,p-Xylene	8260B ⁽¹⁾	3300	50	ug/l	CEL	05/09/2001	051404-04	<5.0

(Continued)

Lab Sample ID: 0104-1787

Client Sample ID: Pre Carb

Volatiles (Cont.)

o-Xylene	8260B ⁽¹⁾	1100	50	ug/l	CEL	05/09/2001	051404-04	<5.0
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⁽¹⁾ U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: None

Mr. Keith Dodrill
Radian International
Twin Towers, Suite 250
4055 Steubenville Pike
Pittsburgh, PA 15205

Lab Project ID: 01-2036
Lab Sample ID: 0104-1788
Client Sample ID: Post Carb
Sample Matrix: Aqueous

Client Site: Essex, Jamestown, NY
Client Ref.: 801419.1020

Date Sampled: 04/27/2001
Date Received: 04/30/2001

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Acetone	8260B ⁽¹⁾	5.7	5.0	ug/l	CEL	05/09/2001	051004-04	<5.0
Benzene	8260B ⁽¹⁾	4.3	1.0	ug/l	CEL	05/09/2001	051004-04	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	CEL	05/09/2001	051004-04	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	CEL	05/09/2001	051004-04	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	CEL	05/09/2001	051004-04	<5.0
2-Butanone	8260B ⁽¹⁾	<5.0	5.0	ug/l	CEL	05/09/2001	051004-04	<5.0
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	CEL	05/09/2001	051004-04	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	CEL	05/09/2001	051004-04	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	CEL	05/09/2001	051004-04	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	CEL	05/09/2001	051004-04	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	CEL	05/09/2001	051004-04	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	CEL	05/09/2001	051004-04	<5.0
Cumene	8260B ⁽¹⁾	6.0	5.0	ug/l	CEL	05/09/2001	051004-04	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	CEL	05/09/2001	051004-04	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	CEL	05/09/2001	051004-04	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	CEL	05/09/2001	051004-04	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	CEL	05/09/2001	051004-04	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	CEL	05/09/2001	051004-04	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	CEL	05/09/2001	051004-04	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	7.9	5.0	ug/l	CEL	05/09/2001	051004-04	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	3000	250	ug/l	CEL	05/09/2001	051404-04	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	11	5.0	ug/l	CEL	05/09/2001	051004-04	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	CEL	05/09/2001	051004-04	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	CEL	05/09/2001	051004-04	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	CEL	05/09/2001	051004-04	<5.0
Ethylbenzene	8260B ⁽¹⁾	400	50	ug/l	CEL	05/09/2001	051404-04	<5.0
2-Hexanone	8260B ⁽¹⁾	<5.0	5.0	ug/l	CEL	05/09/2001	051004-04	<5.0
4-Methyl-2-pentanone	8260B ⁽¹⁾	<5.0	5.0	ug/l	CEL	05/09/2001	051004-04	<5.0
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	CEL	05/09/2001	051004-04	<5.0
Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	CEL	05/09/2001	051004-04	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	CEL	05/09/2001	051004-04	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	CEL	05/09/2001	051004-04	<5.0
Toluene	8260B ⁽¹⁾	310	50	ug/l	CEL	05/09/2001	051404-04	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	CEL	05/09/2001	051004-04	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	CEL	05/09/2001	051004-04	<5.0
Trichloroethene	8260B ⁽¹⁾	920	50	ug/l	CEL	05/09/2001	051404-04	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	CEL	05/09/2001	051004-04	<5.0
Vinyl chloride	8260B ⁽¹⁾	360	10	ug/l	CEL	05/09/2001	051404-04	<2.0
m,p-Xylene	8260B ⁽¹⁾	2400	50	ug/l	CEL	05/09/2001	051404-04	<5.0

(Continued)

Lab Sample ID: 0104-1788

Client Sample ID: Post Carb

Volatiles (Cont.)

o-Xylene	8260B ⁽¹⁾	790	50	ug/l	CEL	05/09/2001	051404-04	<5.0
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(1) U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: None

Mr. Keith Dodrill
Radian International
Twin Towers, Suite 250
4055 Steubenville Pike
Pittsburgh, PA 15205

Lab Project ID: 01-2036
Lab Sample ID: 0104-1792
Client Sample ID: Trip Blank
Sample Matrix: Aqueous

Client Site: Essex, Jamestown, NY
Client Ref.: 801419.1020

Date Sampled: 04/27/2001
Date Received: 04/30/2001

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Acetone	8260B ⁽¹⁾	<5.0	5.0	ug/l	CEL	05/09/2001	051004-04	<5.0
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	CEL	05/09/2001	051004-04	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	CEL	05/09/2001	051004-04	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	CEL	05/09/2001	051004-04	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	CEL	05/09/2001	051004-04	<5.0
2-Butanone	8260B ⁽¹⁾	<5.0	5.0	ug/l	CEL	05/09/2001	051004-04	<5.0
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	CEL	05/09/2001	051004-04	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	CEL	05/09/2001	051004-04	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	CEL	05/09/2001	051004-04	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	CEL	05/09/2001	051004-04	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	CEL	05/09/2001	051004-04	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	CEL	05/09/2001	051004-04	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	CEL	05/09/2001	051004-04	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	CEL	05/09/2001	051004-04	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	CEL	05/09/2001	051004-04	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	CEL	05/09/2001	051004-04	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	CEL	05/09/2001	051004-04	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	CEL	05/09/2001	051004-04	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	CEL	05/09/2001	051004-04	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	CEL	05/09/2001	051004-04	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	CEL	05/09/2001	051004-04	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	CEL	05/09/2001	051004-04	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	CEL	05/09/2001	051004-04	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	CEL	05/09/2001	051004-04	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	CEL	05/09/2001	051004-04	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	CEL	05/09/2001	051004-04	<5.0
2-Hexanone	8260B ⁽¹⁾	<5.0	5.0	ug/l	CEL	05/09/2001	051004-04	<5.0
4-Methyl-2-pentanone	8260B ⁽¹⁾	<5.0	5.0	ug/l	CEL	05/09/2001	051004-04	<5.0
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	CEL	05/09/2001	051004-04	<5.0
Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	CEL	05/09/2001	051004-04	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	CEL	05/09/2001	051004-04	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	CEL	05/09/2001	051004-04	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	CEL	05/09/2001	051004-04	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	CEL	05/09/2001	051004-04	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	CEL	05/09/2001	051004-04	<5.0
Trichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	CEL	05/09/2001	051004-04	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	CEL	05/09/2001	051004-04	<5.0
Vinyl chloride	8260B ⁽¹⁾	<2.0	2.0	ug/l	CEL	05/09/2001	051004-04	<2.0
m,p-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	CEL	05/09/2001	051004-04	<5.0

(Continued)

Lab Sample ID: 0104-1792

Client Sample ID: Trip Blank

Volatiles (Cont.)

o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	CEL	05/09/2001	051004-04	<5.0
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⁽¹⁾ U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: None

01-2036



Antech Ltd.
One Triangle Lane
Export, PA 15632
(724) 733-1161

Radian International
Jamestown, NY
Monthly Analytical Request Form

Sample Submittal Date: 4-27-01
Sample Collection Date: 4-27-01
Cooler Temperature: 5.6°C

Antech Project No: 01-2036
Antech Sample No(s): 041787
1788
1789
1790
1791
1792

Container Type:	Pre-Carb	Post Carb (1)
Pre-Carb	8260 Volatile Organics ☒	8260 Volatile Organics ☒
40ml 3 vials/sample (HCl) <u>1400 hrs</u>		
Post Carb (1)	Post Carb (2)	Post Carb (3)
40ml 2 vials/sample (HCl) <u>1400 hrs</u>	8260 Volatile Organics ☒	8260 Volatile Organics ☒
Post Carb (2)		
40ml 2 vials/sample (HCl) <u>1430 hrs</u>	Post Carb (4)	Trip Blank
Post Carb (4)	8260 Volatile Organics ☒	8260 Volatile Organics ☒
40ml 2 vials/sample (HCl) <u>1500 hrs</u>		
Trip Blank		
40ml 3 vials/sample (HCl) <u>1530 hrs</u>		

+
Temp. Blank

Sampler John Ross

Miscellaneous Analysis / Special Instructions
Post Carb samples (1-4) should be composited in the laboratory and analyzed and reported as only one sample

Chain of Custody		
<u>John S. Ross</u> Relinquished By	<u>4-27-01 1600</u> Date/Time	Fed. Ex # 826011830780 Received By <u>JSR 4618 0215</u>
		Fed. Express
		Received By
		<u>826011830780 0200</u>

Rec'd by John Antech
4-30-01 0800

MAY LABORATORY RESULTS

**Antech Ltd.**

One Triangle Lane
Export, PA 15632
Phone: (724)733-1161
Fax: (724)327-7793

June 1, 2001

Mr. Keith Dodrill
Radian International
Twin Towers, Suite 250
4055 Steubenville Pike
Pittsburgh, PA 15205

Dear Mr. Dodrill:

Enclosed are analytical results for samples submitted to Antech Ltd. by Radian International. The samples were received on May 25, 2001. Please reference Antech project number 01-2421 when inquiring about this report.

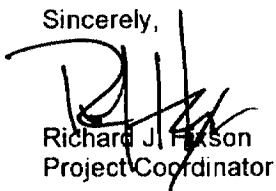
Client Site: Essex, Jamestown, NY
Client Ref.: 801419.1020

Antech Sample Identification	Client Sample Identification
0105-1499	Pre-Carb
0105-1500	Post Carb 1-4 Comp
0105-1501	Trip Blank

General Comments: None

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

Sincerely,



Richard J. Foxson
Project Coordinator

RJH: vt

Enclosures

Mr. Keith Dodrill
Radian International
Twin Towers, Suite 250
4055 Steubenville Pike
Pittsburgh, PA 15205

Lab Project ID: 01-2421
Lab Sample ID: 0105-1499
Client Sample ID: Pre-Carb
Sample Matrix: Aqueous

Client Site: Essex, Jamestown, NY
Client Ref.: 801419.1020

Date Sampled: 05/24/2001
Date Received: 05/25/2001

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Acetone	8260B ⁽¹⁾	6.1	5.0	ug/l	RJM	05/30/2001	053004-13	<5.0
Benzene	8260B ⁽¹⁾	3.8	1.0	ug/l	RJM	05/30/2001	053004-13	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	RJM	05/30/2001	053004-13	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	RJM	05/30/2001	053004-13	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	RJM	05/30/2001	053004-13	<5.0
2-Butanone	8260B ⁽¹⁾	<5.0	5.0	ug/l	RJM	05/30/2001	053004-13	<5.0
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	RJM	05/30/2001	053004-13	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	RJM	05/30/2001	053004-13	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	RJM	05/30/2001	053004-13	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	RJM	05/30/2001	053004-13	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	RJM	05/30/2001	053004-13	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	RJM	05/30/2001	053004-13	<5.0
Cumene	8260B ⁽¹⁾	5.5	5.0	ug/l	RJM	05/30/2001	053004-13	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	RJM	05/30/2001	053004-13	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	RJM	05/30/2001	053004-13	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	RJM	05/30/2001	053004-13	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	RJM	05/30/2001	053004-13	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	RJM	05/30/2001	053004-13	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	RJM	05/30/2001	053004-13	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	7.9	5.0	ug/l	RJM	05/30/2001	053004-13	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	2400	100	ug/l	RJM	05/30/2001	053004-13	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	8.0	5.0	ug/l	RJM	05/30/2001	053004-13	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	RJM	05/30/2001	053004-13	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	RJM	05/30/2001	053004-13	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	RJM	05/30/2001	053004-13	<5.0
Ethylbenzene	8260B ⁽¹⁾	330	100	ug/l	RJM	05/30/2001	053004-13	<5.0
2-Hexanone	8260B ⁽¹⁾	<5.0	5.0	ug/l	RJM	05/30/2001	053004-13	<5.0
4-Methyl-2-pentanone	8260B ⁽¹⁾	<5.0	5.0	ug/l	RJM	05/30/2001	053004-13	<5.0
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	RJM	05/30/2001	053004-13	<5.0
Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	RJM	05/30/2001	053004-13	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	RJM	05/30/2001	053004-13	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	RJM	05/30/2001	053004-13	<5.0
Toluene	8260B ⁽¹⁾	150	5.0	ug/l	RJM	05/30/2001	053004-13	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	RJM	05/30/2001	053004-13	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	RJM	05/30/2001	053004-13	<5.0
Trichloroethene	8260B ⁽¹⁾	250	100	ug/l	RJM	05/30/2001	053004-13	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	RJM	05/30/2001	053004-13	<5.0
Vinyl chloride	8260B ⁽¹⁾	350	20	ug/l	RJM	05/30/2001	053004-13	<2.0
m,p-Xylene	8260B ⁽¹⁾	2000	100	ug/l	RJM	05/30/2001	053004-13	<5.0

(Continued)

Lab Sample ID: 0105-1499

Client Sample ID: Pre-Carb

Volatiles (Cont.)

o-Xylene	8260B ⁽¹⁾	640	100	ug/l	RJM	05/30/2001	053004-13	<5.0
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⁽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: The initial analysis was too dilute and was rerun.

Mr. Keith Dodrill
Radian International
Twin Towers, Suite 250
4055 Steubenville Pike
Pittsburgh, PA 15205

Lab Project ID: 01-2421
Lab Sample ID: 0105-1500
Client Sample ID: Post Carb 1-4 Comp
Sample Matrix: Aqueous

Date Sampled: 05/24/2001
Date Received: 05/25/2001

Client Site: Essex, Jamestown, NY
Client Ref.: 801419.1020

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Acetone	8260B ⁽¹⁾	<5.0	5.0	ug/l	RJM	05/30/2001	053004-13	<5.0
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	RJM	05/30/2001	053004-13	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	RJM	05/30/2001	053004-13	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	RJM	05/30/2001	053004-13	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	RJM	05/30/2001	053004-13	<5.0
2-Butanone	8260B ⁽¹⁾	<5.0	5.0	ug/l	RJM	05/30/2001	053004-13	<5.0
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	RJM	05/30/2001	053004-13	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	RJM	05/30/2001	053004-13	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	RJM	05/30/2001	053004-13	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	RJM	05/30/2001	053004-13	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	RJM	05/30/2001	053004-13	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	RJM	05/30/2001	053004-13	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	RJM	05/30/2001	053004-13	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	RJM	05/30/2001	053004-13	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	RJM	05/30/2001	053004-13	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	RJM	05/30/2001	053004-13	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	RJM	05/30/2001	053004-13	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	RJM	05/30/2001	053004-13	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	RJM	05/30/2001	053004-13	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	RJM	05/30/2001	053004-13	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	RJM	05/30/2001	053004-13	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	RJM	05/30/2001	053004-13	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	RJM	05/30/2001	053004-13	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	RJM	05/30/2001	053004-13	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	RJM	05/30/2001	053004-13	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	RJM	05/30/2001	053004-13	<5.0
2-Hexanone	8260B ⁽¹⁾	<5.0	5.0	ug/l	RJM	05/30/2001	053004-13	<5.0
4-Methyl-2-pentanone	8260B ⁽¹⁾	<5.0	5.0	ug/l	RJM	05/30/2001	053004-13	<5.0
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	RJM	05/30/2001	053004-13	<5.0
Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	RJM	05/30/2001	053004-13	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	RJM	05/30/2001	053004-13	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	RJM	05/30/2001	053004-13	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	RJM	05/30/2001	053004-13	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	RJM	05/30/2001	053004-13	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	RJM	05/30/2001	053004-13	<5.0
Trichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	RJM	05/30/2001	053004-13	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	RJM	05/30/2001	053004-13	<5.0
Vinyl chloride	8260B ⁽¹⁾	<2.0	2.0	ug/l	RJM	05/30/2001	053004-13	<2.0
m,p-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	RJM	05/30/2001	053004-13	<5.0

(Continued)

Lab Sample ID: 0105-1500
Client Sample ID: Post Carb 1-4 Comp

Volatiles (Cont.)

o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	RJM	05/30/2001	053004-13	<5.0
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⁽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: The initial analysis was too dilute was rerun.

Mr. Keith Dodrill
Radian International
Twin Towers, Suite 250
4055 Steubenville Pike
Pittsburgh, PA 15205

Lab Project ID: 01-2421
Lab Sample ID: 0105-1501
Client Sample ID: Trip Blank
Sample Matrix: Aqueous

Date Sampled: 05/24/2001
Date Received: 05/25/2001

Client Site: Essex, Jamestown, NY
Client Ref.: 801419.1020

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Acetone	8260B ⁽¹⁾	<5.0	5.0	ug/l	CEL	05/29/2001	052904-10	<5.0
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	CEL	05/29/2001	052904-10	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	CEL	05/29/2001	052904-10	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	CEL	05/29/2001	052904-10	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	CEL	05/29/2001	052904-10	<5.0
2-Butanone	8260B ⁽¹⁾	<5.0	5.0	ug/l	CEL	05/29/2001	052904-10	<5.0
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	CEL	05/29/2001	052904-10	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	CEL	05/29/2001	052904-10	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	CEL	05/29/2001	052904-10	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	CEL	05/29/2001	052904-10	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	CEL	05/29/2001	052904-10	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	CEL	05/29/2001	052904-10	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	CEL	05/29/2001	052904-10	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	CEL	05/29/2001	052904-10	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	CEL	05/29/2001	052904-10	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	CEL	05/29/2001	052904-10	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	CEL	05/29/2001	052904-10	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	CEL	05/29/2001	052904-10	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	CEL	05/29/2001	052904-10	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	CEL	05/29/2001	052904-10	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	CEL	05/29/2001	052904-10	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	CEL	05/29/2001	052904-10	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	CEL	05/29/2001	052904-10	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	CEL	05/29/2001	052904-10	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	CEL	05/29/2001	052904-10	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	CEL	05/29/2001	052904-10	<5.0
2-Hexanone	8260B ⁽¹⁾	<5.0	5.0	ug/l	CEL	05/29/2001	052904-10	<5.0
4-Methyl-2-pentanone	8260B ⁽¹⁾	<5.0	5.0	ug/l	CEL	05/29/2001	052904-10	<5.0
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	CEL	05/29/2001	052904-10	<5.0
Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	CEL	05/29/2001	052904-10	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	CEL	05/29/2001	052904-10	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	CEL	05/29/2001	052904-10	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	CEL	05/29/2001	052904-10	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	CEL	05/29/2001	052904-10	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	CEL	05/29/2001	052904-10	<5.0
Trichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	CEL	05/29/2001	052904-10	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	CEL	05/29/2001	052904-10	<5.0
Vinyl chloride	8260B ⁽¹⁾	<2.0	2.0	ug/l	CEL	05/29/2001	052904-10	<2.0
m,p-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	CEL	05/29/2001	052904-10	<5.0

(Continued)

Lab Sample ID: 0105-1501

Client Sample ID: Trip Blank

Volatiles (Cont.)

o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	CEL	05/29/2001	052904-10	<5.0
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⁽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: None



Antech Ltd. Chain of Custody Record

Ship To:
Antech Ltd.
One Triangle Drive
Export, PA 15632
(724) 733-1161
FAX (724) 327-7793

Page 1 of 1

For Laboratory Use Only

Laboratory Project No.:

01-2421

Project Name: Essex/Hope

Project No.: 801419.1020

Sampler: John Smelko/Tom Danner
(Printed Name) John J. Smelko/Tom Danner
(Signature)

Relinquished By: (Signature and Printed Name)

John J. Smelko John J. Smelko

Date

05/24/01 1530 hrs

Time

Date

Time

Received By: (Signature and Printed Name)

Federal Express

Date

05/24/01 1530 hrs

Time

Received at Lab By: (Signature and Printed Name)

Paula Crawford

Date

5/25/01 9:15 AM

Time

Antech Quote ID No.:

Antech Contact Name: Rich Hixon

Client Purchase Order No.:

Method of Shipment: Federal Express

Shipment ID: 826011930769

Sample ID Number	Sample Description			Grab	Composite	Chemical	Nutrient	Total Metals	Dissolved	Cyanide	Phenolics	TOC (12)	TOX (25)	Sulfide	Oil & Gas	TPHC (1)	Bacteriology	VOA (4)	Organics	Radiochemical	VOA Septa	Wetdown	VOA Septa	VOA Septa	PCB/Metals								No. of Containers	For Lab Use Only Laboratory ID
	Date	Time	Description																															
Pre-Carb	05/24/01	1225	Aqueous	✓														2														2	05-1449	
Post-Carb-1		1228		✓														2															2	05-1500
Post-Carb-2		1258		✓														2															2	
Post-Carb-3		1328		✓														2															2	
Post-Carb-4		1358		✓														2															2	
Trip Blank	✓	—	✓	✓														2															2	05-1501
																												Total=12						

Special Instructions/Comments: Rush TAT = 7 Days
Composite the (4) Post-Carb Samples and
analyze the resulting sample for VOCs -
include cis-1,2-DCE as target compound.

Sample Return/Disposal

☐ Return to Client
☒ Disposal by Antech

Results To

Client Name: Keith Dodrill (412-788-2717 x126A)
Company: URS Corp.
Address: Twin Towers, Ste 250, 4955 Steubenville Pike
Pittsburgh, PA 15205

Invoice To:

Client Name: Same as Above

Company:

Address:

For Laboratory Use Only:

Sample Condition Upon Receipt/Comments:

Was Temperature Vial Sent With Cooler?

YES ☒ NO ☐

Cooler Temperature:

9.0, 100 present

WHITE - Original COC File

YELLOW - Return with Report

PINK - Project File

GOLD - Client Receipt

JUNE LABORATORY RESULTS



Antech Ltd.

One Triangle Lane
Export, PA 15632
Phone: (724)733-1161
Fax: (724)327-7793

July 16, 2001

Mr. Keith Dodrill
Radian International
Twin Towers, Suite 250
4955 Steubenville Pike
Pittsburgh, PA 15205

Dear Mr. Dodrill:

Enclosed are analytical results for samples submitted to Antech Ltd. by Radian International. The samples were received on July 2, 2001. Please reference Antech project number 01-2951 when inquiring about this report.

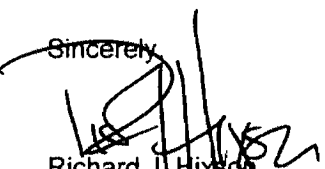
Client Site: Essex, Jamestown, NY
Client Ref.: 801419.1020

Antech Sample Identification	Client Sample Identification
0107-0101	Pre-Carb
0107-0101R	Primary Carb
0107-0102	Post Carb
0107-0103	Trip Blank

General Comments: None

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

Sincerely,


Richard J. Hixson
Project Coordinator

RJH: vlt

Enclosures

Mr. Keith Dodrill
Radian International
Twin Towers, Suite 250
4955 Steubenville Pike
Pittsburgh, PA 15205

Client Site: Essex, Jamestown, NY
Client Ref.: 801419.1020

Lab Project ID: 01-2951
Lab Sample ID: 0107-0101
Client Sample ID: Pre-Carb
Sample Matrix: Aqueous

Date Sampled: 06/29/2001
Date Received: 07/02/2001

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Acetone	8260B ⁽¹⁾	6.6	5.0	ug/l	REC	07/10/2001	071104-04	<5.0
Benzene	8260B ⁽¹⁾	4.2	1.0	ug/l	REC	07/10/2001	071104-04	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-04	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-04	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-04	<5.0
2-Butanone	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-04	<5.0
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-04	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-04	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-04	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-04	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-04	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-04	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-04	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-04	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-04	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-04	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-04	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-04	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-04	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	9.4	5.0	ug/l	REC	07/10/2001	071104-04	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	3800	250	ug/l	REC	07/10/2001	071104-04	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	9.7	5.0	ug/l	REC	07/10/2001	071104-04	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-04	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-04	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-04	<5.0
Ethylbenzene	8260B ⁽¹⁾	340	25	ug/l	REC	07/10/2001	071104-04	<5.0
2-Hexanone	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-04	<5.0
4-Methyl-2-pentanone	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-04	<5.0
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-04	<5.0
Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-04	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-04	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-04	<5.0
Toluene	8260B ⁽¹⁾	180	5.0	ug/l	REC	07/10/2001	071104-04	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-04	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-04	<5.0
Trichloroethene	8260B ⁽¹⁾	880	25	ug/l	REC	07/10/2001	071104-04	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-04	<5.0
Vinyl chloride	8260B ⁽¹⁾	400	5.0	ug/l	REC	07/10/2001	071104-04	<2.0
m,p-Xylene	8260B ⁽¹⁾	2300	250	ug/l	REC	07/10/2001	071104-04	<5.0

(Continued)

Lab Sample ID: 0107-0101
Client Sample ID: Pre-Carb

Volatiles (Cont.)

o-Xylene	8260B ⁽¹⁾	840	250	ug/l	REC	07/10/2001	071104-04	<5.0
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⁽¹⁾ U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: None

Mr. Keith Dodrill
Radian International
Twin Towers, Suite 250
4955 Steubenville Pike
Pittsburgh, PA 15205

Client Site: Essex, Jamestown, NY
Client Ref.: 801419.1020

Lab Project ID: 01-2951
Lab Sample ID: 0107-0101R
Client Sample ID: Primary Carb
Sample Matrix: Aqueous

Date Sampled: 07/02/2001
Date Received: 07/02/2001

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Acetone	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-04	<5.0
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	REC	07/10/2001	071104-04	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-04	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-04	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-04	<5.0
2-Butanone	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-04	<5.0
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-04	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-04	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-04	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-04	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-04	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-04	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-04	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-04	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-04	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-04	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-04	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-04	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-04	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-04	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	17	5.0	ug/l	REC	07/10/2001	071104-04	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-04	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-04	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-04	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-04	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-04	<5.0
2-Hexanone	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-04	<5.0
4-Methyl-2-pentanone	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-04	<5.0
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-04	<5.0
Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-04	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-04	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-04	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-04	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-04	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-04	<5.0
Trichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-04	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-04	<5.0
Vinyl chloride	8260B ⁽¹⁾	400	5.0	ug/l	REC	07/11/2001	071204-01	<2.0
m,p-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-04	<5.0

(Continued)

Lab Sample ID: 0107-0101R
Client Sample ID: Primary Carb

Volatiles (Cont.)

o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-04	<5.0
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⁽¹⁾ U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: None

Mr. Keith Dodrill
Radian International
Twin Towers, Suite 250
4955 Steubenville Pike
Pittsburgh, PA 15205

Client Site: Essex, Jamestown, NY
Client Ref.: 801419.1020

Lab Project ID: 01-2951
Lab Sample ID: 0107-0102
Client Sample ID: Post Carb
Sample Matrix: Aqueous

Date Sampled: 06/29/2001
Date Received: 07/02/2001

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Acetone	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-11	<5.0
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	REC	07/10/2001	071104-11	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-11	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-11	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-11	<5.0
2-Butanone	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-11	<5.0
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-11	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-11	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-11	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-11	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-11	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-11	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-11	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-11	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-11	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-11	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-11	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-11	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-11	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-11	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-11	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-11	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-11	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-11	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-11	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-11	<5.0
2-Hexanone	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-11	<5.0
4-Methyl-2-pentanone	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-11	<5.0
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-11	<5.0
Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-11	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-11	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-11	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-11	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-11	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-11	<5.0
Trichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-11	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-11	<5.0
Vinyl chloride	8260B ⁽¹⁾	<2.0	2.0	ug/l	REC	07/10/2001	071104-11	<2.0
m,p-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-11	<5.0

(Continued)

Lab Sample ID: 0107-0102
Client Sample ID: Post Carb

Volatiles (Cont.)

o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-11	<5.0
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⁽¹⁾ U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: Sample 07-0102 had a pH of 4.

Mr. Keith Dodrill
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Twin Towers, Suite 250
4955 Steubenville Pike
Pittsburgh, PA 15205

Client Site: Essex, Jamestown, NY
Client Ref.: 801419.1020

Lab Project ID: 01-2951
Lab Sample ID: 0107-0103
Client Sample ID: Trip Blank
Sample Matrix: Aqueous

Date Sampled: 06/29/2001
Date Received: 07/02/2001

Volatiles

Test	Method	Result	Reporting Limit	Units	Analyst	Analysis Date	Method Blank ID	Blank Result
Acetone	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-11	<5.0
Benzene	8260B ⁽¹⁾	<1.0	1.0	ug/l	REC	07/10/2001	071104-11	<1.0
Bromodichloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-11	<5.0
Bromoform	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-11	<5.0
Bromomethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-11	<5.0
2-Butanone	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-11	<5.0
Carbon Disulfide	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-11	<5.0
Carbon Tetrachloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-11	<5.0
Chlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-11	<5.0
Chloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-11	<5.0
Chloroform	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-11	<5.0
Chloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-11	<5.0
Cumene	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-11	<5.0
Dibromochloromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-11	<5.0
1,2-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-11	<5.0
1,3-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-11	<5.0
1,4-Dichlorobenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-11	<5.0
1,1-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-11	<5.0
1,2-Dichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-11	<5.0
1,1-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-11	<5.0
cis-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-11	<5.0
trans-1,2-Dichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-11	<5.0
1,2-Dichloropropane	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-11	<5.0
cis-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-11	<5.0
trans-1,3-Dichloropropene	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-11	<5.0
Ethylbenzene	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-11	<5.0
2-Hexanone	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-11	<5.0
4-Methyl-2-pentanone	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-11	<5.0
Methylene chloride	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-11	<5.0
Styrene	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-11	<5.0
1,1,2,2-Tetrachloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-11	<5.0
Tetrachloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-11	<5.0
Toluene	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-11	<5.0
1,1,1-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-11	<5.0
1,1,2-Trichloroethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-11	<5.0
Trichloroethene	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-11	<5.0
Trichlorofluoromethane	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-11	<5.0
Vinyl chloride	8260B ⁽¹⁾	<2.0	2.0	ug/l	REC	07/10/2001	071104-11	<2.0
m,p-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-11	<5.0

(Continued)

Lab Sample ID: 0107-0103

Client Sample ID: Trip Blank

Volatiles (Cont.)

o-Xylene	8260B ⁽¹⁾	<5.0	5.0	ug/l	REC	07/10/2001	071104-11	<5.0
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⁽¹⁾ U.S. Environmental Protection Agency, 1996, Test Methods for Evaluating Solid Waste, SW846, 3rd ed., Office of Solid Waste and Emergency Response, Washington, DC.

Sample Comments: None

Page 1 of 1

Laboratory Project No.

John S. Ross
(Signature)

Date: 7/20/ Time: 0830

Grab	Composite	Circle Bottle Size		Other (Please Specify)
		1	2	
		Chemistry (500 ml, 1000 ml)		
		Nutrient (250 ml, 500 ml)		
		Total Metals (250 ml, 500 ml)		
		Dissolved Metals (250 ml, 500 ml)		
		Cu analysis (1000 ml)		
		Phenolics (1000 ml)		
		TOC (175 ml)		
		TOX (250 ml)		
		Sulfide (500 ml)		
		Oil & Grease (1000 ml)		
		TPH (1000 ml)		
		Bacteriology (125 ml)		
		VOA (40 ml)		
		Organics: Pesticides/Herbicides (1 or 2 1/2 L)		
		Radiochemical (1000 ml)		
		VOA: Spec for Soil (125 ml)		
		Wetlands: Soil (125 ml)		
		VOA: Sampling: Average (500 ml, 1000 ml)		
		VOA: Wetlands: Soil (125 ml)		
		VOA: Wetlands: Soil (125 ml)		

(Specify in Special Instructions/Comments)

No. of Containers	For Lab Use Only Laboratory ID
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[illegible]

Pittsburgh PA 15205

Address: