



MAVERICK
Construction Management Services, Inc.

463066

January 14, 2001

Robert Sanchez
Remedial Project Manager
USEPA Region III
Hazardous Site Cleanup Division 3HS23
1650 Arch St.
Philadelphia, PA 19103-2029

Margaret Chauncey
Maryland Department of the Environment
2500 Broening Highway
Building 40
Baltimore, MD 21224

RE: Ground Water Treatment System
Analytical Results
Galaxy/Spectron Superfund Site
Cecil County, Maryland

Dear Mr. Sanchez and Ms. Chauncey:

Please find enclosed O'Brien & Gere's (OBG'S) analytical results for the third sampling event (December 28 and 29, 2000) related to air stripper startup. The samples are being collected in accordance with the USEPA's August 22, 2000 letter.

If you have any questions regarding the report, please call me at 610-783-6202 or 610-659-9527.

Sincerely,

Timothy M. Jones, P.E.



January 10, 2001

Tim Joness
Maverick Construction Management Services, Inc.
901 Parkview Dr. #A412
King of Prussia, PA 19406

Re: Galaxy/Spectron Air Stripper
Sampling

File: 2488/24424 #2

Dear Tim:

In accordance with the air stripper startup sampling program, please find enclosed the analytical data for the water and air samples collected on 12/28/00 and 12/29/00. The following laboratory reports are enclosed:

Water

VOCs	PACT Influent	Sample No. R7949	Dilution - 100
VOCs	PACT Influent	Sample No. R7949DL	Dilution - 200
VOCs	PACT Effluent	Sample No. R7950	Dilution - 1
VOCs	PACT Effluent	Sample No. R7950DL	Dilution - 100
VOCs	Air Stripper Influent	Sample No. R7951	Dilution - 1
VOCs	Air Stripper Influent	Sample No. R7951DL	Dilution - 100
VOCs	Air Stripper Effluent	Sample No. R7952	Dilution - 1
VOCs	Air Stripper Effluent	Sample No. R7952DL	Dilution - 2.5
VOCs	QC Trip Blank	Sample No. R7953	Dilution - 1
SVOCs	PACT Influent	Sample No. R7949	Dilution - 1
SVOCs	PACT Influent	Sample No. R7949DL	Dilution - 5
SVOCs	PACT Effluent	Sample No. R7950	Dilution - 1
SVOCs	Air Stripper Influent	Sample No. R7951	Dilution - 1
SVOCs	Air Stripper Effluent	Sample No. R7952	Dilution - 1

Air

TO-14	PACT Vent-1 Hour	Sample No. AQ3527779
TO-14	PACT Vent-18 Hour	Sample No. AQ3527780
TO-14	Air Stripper -1 Hour	Sample No. AQ3527781
TO-14	Air Stripper-18 Hour	Sample No. AQ3527782



Tim Jones
January 10, 2001
Page 2

Relative to VOC water analyses, the PACT system is showing total influent and effluent VOCs of 29.5000 ppm and 7.7244 ppm, respectively. This indicates a removal efficiency of approximately 73.82% across the units. The air stripper influent and effluent total VOC concentrations of 7.5245 ppm and 0.1980 ppm, respectively, indicate a removal efficiency of 97.36% across the air stripper. The treated discharge exceeded the 0.1 ppm target value on this occasion. We suspect that this is due to biofouling of the air stripper which was found to occur just prior to the sample being taken. The air stripper has since been cleaned and the biofouling has not reoccurred to date.

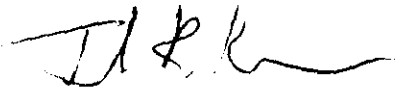
Relative to SVOC water analyses, the PACT influent total SVOC concentration of 0.3960 ppm (no dilution) is consistent with the range of 0.045 ppm to 0.470 ppm influent SVOC concentrations found in the influent on 14 other occasions since startup. The influent SVOC level was below analytical detection limits (BDL) on a fifteenth occasion. The PACT effluent and air stripper effluent total SVOC concentrations were BDL with no sample dilution. The air stripper influent indicated a total SVOC concentration of 0.011 ppm. Once again these samples were run undiluted. As was observed during the 90-day initial start-up period, the total SVOC treated effluent concentrations fell within the previously reported values of BDL to 0.098 ppm, and analyses of SVOCs was discontinued after the start-up period due to these reduced values. The current round of data continues to suggest that SVOCs are not a concern and that continued acquisition of SVOC analytical data is not providing added value. Per your direction on this date, we will not collect SVOC samples during subsequent events.

The TO-14 analytical results are also provided for your review. As discussed in our September 27, 2000 letter to Randy Sturgeon, after reviewing the results from the fifth round of sampling, the results will be compared to the emission limits established by the Codified Maryland Regulations (COMARs). A screening model evaluation will be provided using the results of the sampling events to assess potential receptor exposures, if any, to a dispersed emissions plume, and a summary letter report presenting the findings will be prepared for submission to USEPA.

If you should have any questions or comments in these regards, please give me a call.

Very truly yours,

O'BRIEN & GERE ENGINEERS, INC.



Thomas R. Komar, P.E.
Technical Associate

\\DIV58\PROJECTS\2488\24424\2_CORRES\tk010901let.doc

cc: B White - OGINA
K Jones - OGINA
M Traister - O'Brien & Gere Engineers, Inc.
A Farrell - O'Brien & Gere Engineers, Inc.
M Parsons for R Overholt - OGINA
K Gerbsch - OGINA

AR301925

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 624

Client: O'Brien & Gere Inc. of North America
Project: Galaxy Spectron Superfund Site
Proj. Desc: Elkton, MD

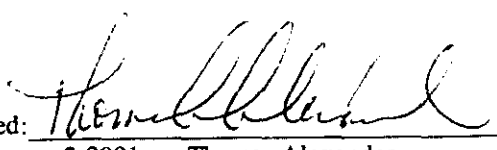
Job No.: 3027.025.517
Certification MD No.: 239

Sample: R7949
Samp. Description: Pact Influent
Instrument: HP5970 GC/MS#2
Units: ug/L
Number of analytes: 37

Collected: 12/28/00
Received: 12/29/00
Prepared: 01/02/01
Matrix: Water
QC Batch: 010201W2
%Solids:
Purge volume: 25 mL

Parameter	Result	Surrog Limits	Dilution	Analyzed	Notes
Chloromethane	<200.		100	01/02/01	
Vinyl chloride	990.		100	01/02/01	
Bromomethane	<200.		100	01/02/01	
Chloroethane	<200.		100	01/02/01	
Trichlorofluoromethane	<100.		100	01/02/01	
1,1-Dichloroethene	160.		100	01/02/01	
Methylene chloride	E 5400.		100	01/02/01	
trans-1,2-Dichloroethene	170.		100	01/02/01	
1,1-Dichloroethane	2700.		100	01/02/01	
cis-1,2-Dichloroethene	E 7100.		100	01/02/01	
Chloroform	<100.		100	01/02/01	
1,2-Dichloroethane	500.		100	01/02/01	
1,1,1-Trichloroethane	E 9100.		100	01/02/01	
Carbon tetrachloride	<100.		100	01/02/01	
Benzene	130.		100	01/02/01	
1,2-Dichloropropane	<100.		100	01/02/01	
Trichloroethene	830.		100	01/02/01	
Bromodichloromethane	<100.		100	01/02/01	
2-Chloroethylvinyl ether	<200.		100	01/02/01	
cis-1,3-Dichloropropene	<100.		100	01/02/01	
trans-1,3-Dichloropropene	<100.		100	01/02/01	
1,1,2-Trichloroethane	<100.		100	01/02/01	
Toluene	1200.		100	01/02/01	
Dibromochloromethane	<100.		100	01/02/01	
Tetrachloroethene	1900.		100	01/02/01	
Chlorobenzene	900.		100	01/02/01	
Ethylbenzene	310.		100	01/02/01	
Bromoform	<100.		100	01/02/01	
Xylene (total)	800.		100	01/02/01	

- Outside control limits J-Estimated value
E - Concentration exceeded the calibration range and is estimated

Authorized: 
Date: January 3, 2001 Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 624

Client: O'Brien & Gere Inc. of North America
Project: Galaxy Spectron Superfund Site
Proj. Desc: Elkton, MD

Job No.: 3027.025.517
Certification MD No.: 239

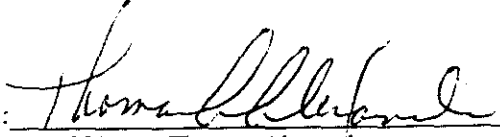
Sample: R7949
Samp. Description: Pact Influent
Instrument: HP5970 GC/MS#2
Units: ug/L
Number of analytes: 37

Collected: 12/28/00
Received: 12/29/00
Prepared: 01/02/01
Matrix: Water
QC Batch: 010201W2
%Solids:
Purge volume: 25 mL

Parameter	Result	Surrog		Analyzed	Notes
		Limits	Dilution		
1,1,2,2-Tetrachloroethane	480.		100	01/02/01	
1,3-Dichlorobenzene	<100.		100	01/02/01	
1,4-Dichlorobenzene	<100.		100	01/02/01	
1,2-Dichlorobenzene	430.		100	01/02/01	
Dibromofluoromethane (surrogate)	99.%	70-131	100	01/02/01	
1,2-Dichloroethane-d4 (surrogate)	102.%	81-120	100	01/02/01	
Toluene-d8 (surrogate)	101.%	83-117	100	01/02/01	
Bromofluorobenzene (surrogate)	97.%	78-119	100	01/02/01	

Notes:

- Outside control limits J-Estimated value
E - Concentration exceeded the calibration range and is estimated

Authorized: 
Date: January 3, 2001 Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 624

Client: O'Brien & Gere Inc. of North America
Project: Galaxy Spectron Superfund Site
Proj. Desc: Elkton, MD

Job No.: 3027.025.517
Certification MD No.: 239

Sample: R7949DL
Samp. Description: Pact Influent
Instrument: HP5970 GC/MS#2
Units: ug/L
Number of analytes: 37

Collected: 12/28/00
Received: 12/29/00
Prepared: 01/02/01
Matrix: Water
QC Batch: 010201W2
%Solids:
Purge volume: 25 mL

Parameter	Result	Surrog Limits	Dilution	Analyzed	Notes
Chloromethane	<400.		200	01/02/01	
Vinyl chloride	770.		200	01/02/01	
Bromomethane	<400.		200	01/02/01	
Chloroethane	<400.		200	01/02/01	
Trichlorofluoromethane	<200.		200	01/02/01	
1,1-Dichloroethene	<200.		200	01/02/01	
Methylene chloride	4500.		200	01/02/01	
trans-1,2-Dichloroethene	<200.		200	01/02/01	
1,1-Dichloroethane	2300.		200	01/02/01	
cis-1,2-Dichloroethene	5800.		200	01/02/01	
Chloroform	<200.		200	01/02/01	
1,2-Dichloroethane	420.		200	01/02/01	
1,1,1-Trichloroethane	7700.		200	01/02/01	
Carbon tetrachloride	<200.		200	01/02/01	
Benzene	<200.		200	01/02/01	
1,2-Dichloropropane	<200.		200	01/02/01	
Trichloroethene	660.		200	01/02/01	
Bromodichloromethane	<200.		200	01/02/01	
2-Chloroethylvinyl ether	<400.		200	01/02/01	
cis-1,3-Dichloropropene	<200.		200	01/02/01	
trans-1,3-Dichloropropene	<200.		200	01/02/01	
1,1,2-Trichloroethane	<200.		200	01/02/01	
Toluene	920.		200	01/02/01	
Dibromochloromethane	<200.		200	01/02/01	
Tetrachloroethene	1600.		200	01/02/01	
Chlorobenzene	730.		200	01/02/01	
Ethylbenzene	250.		200	01/02/01	
Bromoform	<200.		200	01/02/01	
Xylene (total)	640.		200	01/02/01	

- Outside control limits J-Estimated value
E - Concentration exceeded the calibration range and is estimated

Authorized: 
Date: January 3, 2001 Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 624

Client: O'Brien & Gere Inc. of North America
Project: Galaxy Spectron Superfund Site
Proj. Desc: Elkton, MD

Job No.: 3027.025.517
Certification MD No.: 239

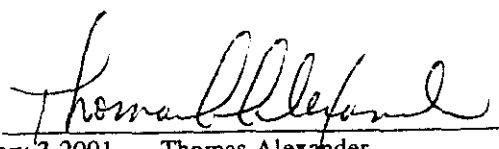
Sample: R7949DL
Samp. Description: Pact Influent
Instrument: HP5970 GC/MS#2
Units: ug/L
Number of analytes: 37

Collected: 12/28/00
Received: 12/29/00
Prepared: 01/02/01
Matrix: Water
QC Batch: 010201W2
%Solids:
Purge volume: 25 mL

Parameter	Result	Surrog Limits	Dilution	Analyzed	Notes
1,1,2,2-Tetrachloroethane	420.		200	01/02/01	
1,3-Dichlorobenzene	<200.		200	01/02/01	
1,4-Dichlorobenzene	<200.		200	01/02/01	
1,2-Dichlorobenzene	360.		200	01/02/01	
Dibromofluoromethane (surrogate)	99.%	70-131	200	01/02/01	
1,2-Dichloroethane-d4 (surrogate)	100.%	81-120	200	01/02/01	
Toluene-d8 (surrogate)	98.%	83-117	200	01/02/01	
Bromofluorobenzene (surrogate)	98.%	78-119	200	01/02/01	

Notes:

- Outside control limits J-Estimated value
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Authorized: 
Date: January 3, 2001 Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 624

Client: O'Brien & Gere Inc. of North America
Project: Galaxy Spectron Superfund Site
Proj. Desc: Elkton, MD

Job No.: 3027.025.517
Certification MD No.: 239

Sample: R7950
Samp. Description: Pact Effluent
Instrument: HP5970 GC/MS#2
Units: ug/L
Number of analytes: 37

Collected: 12/28/00
Received: 12/29/00
Prepared: 01/02/01
Matrix: Water
QC Batch: 010201W2
%Solids:
Purge volume: 25 mL

Parameter		Result	Surrog Limits Dilution	Analyzed Notes
Chloromethane		<2.0	1	01/02/01
Vinyl chloride	E	150.	1	01/02/01
Bromomethane		<2.0	1	01/02/01
Chloroethane		20.	1	01/02/01
Trichlorofluoromethane		8.2	1	01/02/01
1,1-Dichloroethene	E	280.	1	01/02/01
Methylene chloride		29.	1	01/02/01
trans-1,2-Dichloroethene	E	69.	1	01/02/01
1,1-Dichloroethane	E	800.	1	01/02/01
cis-1,2-Dichloroethene	E	1200.	1	01/02/01
Chloroform		21.	1	01/02/01
1,2-Dichloroethane	E	500.	1	01/02/01
1,1,1-Trichloroethane	E	800.	1	01/02/01
Carbon tetrachloride		<1.0	1	01/02/01
Benzene		20.	1	01/02/01
1,2-Dichloropropane		<1.0	1	01/02/01
Trichloroethene	E	160.	1	01/02/01
Bromodichloromethane		<1.0	1	01/02/01
2-Chloroethylvinyl ether		<2.0	1	01/02/01
cis-1,3-Dichloropropene		<1.0	1	01/02/01
trans-1,3-Dichloropropene		<1.0	1	01/02/01
1,1,2-Trichloroethane		9.9	1	01/02/01
Toluene		28.	1	01/02/01
Dibromochloromethane		<1.0	1	01/02/01
Tetrachloroethene	E	92.	1	01/02/01
Chlorobenzene		24.	1	01/02/01
Ethylbenzene		3.1	1	01/02/01
Bromoform		<1.0	1	01/02/01
Xylene (total)		6.7	1	01/02/01

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E - Concentration exceeded the calibration range and is estimated

Authorized: 
Date: January 3, 2001 Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 624

Client: O'Brien & Gere Inc. of North America
Project: Galaxy Spectron Superfund Site
Proj. Desc: Elkton, MD

Job No.: 3027.025.517
Certification MD No.: 239

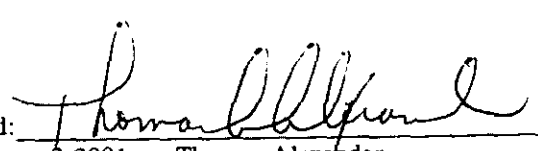
Sample: R7950
Samp. Description: Pact Effluent
Instrument: HP5970 GC/MS#2
Units: ug/L
Number of analytes: 37

Collected: 12/28/00
Received: 12/29/00
Prepared: 01/02/01
Matrix: Water
QC Batch: 010201W2
%Solids:
Purge volume: 25 mL

Parameter		Result	Surrog Limits	Dilution	Analyzed Notes
1,1,2,2-Tetrachloroethane	E	110.		1	01/02/01
1,3-Dichlorobenzene		<1.0		1	01/02/01
1,4-Dichlorobenzene		<1.0		1	01/02/01
1,2-Dichlorobenzene		3.5		1	01/02/01
Dibromofluoromethane (surrogate)		96.%	70-131	1	01/02/01
1,2-Dichloroethane-d4 (surrogate)		93.%	81-120	1	01/02/01
Toluene-d8 (surrogate)		98.%	83-117	1	01/02/01
Bromofluorobenzene (surrogate)		97.%	78-119	1	01/02/01

Notes:

- Outside control limits J-Estimated value
E - Concentration exceeded the calibration range and is estimated

Authorized: 
Date: January 3, 2001 Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 624

Client: O'Brien & Gere Inc. of North America
Project: Galaxy Spectron Superfund Site
Proj. Desc: Elkton, MD

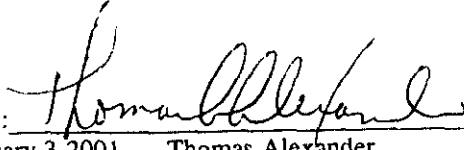
Job No.: 3027.025.517
Certification MD No.: 239

Sample: R7950DL
Samp. Description: Pact Effluent
Instrument: HP5970 GC/MS#2
Units: ug/L
Number of analytes: 37

Collected: 12/28/00
Received: 12/29/00
Prepared: 01/02/01
Matrix: Water
QC Batch: 010201W2
%Solids:
Purge volume: 25 mL

Parameter	Result	Surrog Limits	Dilution	Analyzed	Notes
Chloromethane	<200.		100	01/02/01	
Vinyl chloride	<200.		100	01/02/01	
Bromomethane	<200.		100	01/02/01	
Chloroethane	<200.		100	01/02/01	
Trichlorofluoromethane	<100.		100	01/02/01	
1,1-Dichloroethene	<100.		100	01/02/01	
Methylene chloride	<100.		100	01/02/01	
trans-1,2-Dichloroethene	<100.		100	01/02/01	
1,1-Dichloroethane	1200.		100	01/02/01	
cis-1,2-Dichloroethene	3400.		100	01/02/01	
Chloroform	<100.		100	01/02/01	
1,2-Dichloroethane	310.		100	01/02/01	
1,1,1-Trichloroethane	1800.		100	01/02/01	
Carbon tetrachloride	<100.		100	01/02/01	
Benzene	<100.		100	01/02/01	
1,2-Dichloropropane	<100.		100	01/02/01	
Trichloroethene	140.		100	01/02/01	
Bromodichloromethane	<100.		100	01/02/01	
2-Chloroethylvinyl ether	<200.		100	01/02/01	
cis-1,3-Dichloropropene	<100.		100	01/02/01	
trans-1,3-Dichloropropene	<100.		100	01/02/01	
1,1,2-Trichloroethane	<100.		100	01/02/01	
Toluene	<100.		100	01/02/01	
Dibromochloromethane	<100.		100	01/02/01	
Tetrachloroethene	<100.		100	01/02/01	
Chlorobenzene	<100.		100	01/02/01	
Ethylbenzene	<100.		100	01/02/01	
Bromoform	<100.		100	01/02/01	
Xylene (total)	<100.		100	01/02/01	

- Outside control limits J-Estimated value
E - Concentration exceeded the calibration range and is estimated

Authorized: 
Date: January 3, 2001 Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 624

Client: O'Brien & Gere Inc. of North America
Project: Galaxy Spectron Superfund Site
Proj. Desc: Elkton, MD

Job No.: 3027.025.517
Certification MD No.: 239

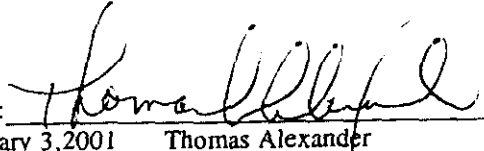
Sample: R7950DL
Samp. Description: Pact Effluent
Instrument: HP5970 GC/MS#2
Units: ug/L
Number of analytes: 37

Collected: 12/28/00
Received: 12/29/00
Prepared: 01/02/01
Matrix: Water
QC Batch: 010201W2
%Solids:
Purge volume: 25 mL

Parameter	Result	Surrog Limits	Dilution	Analyzed Notes
1,1,2,2-Tetrachloroethane	<100.		100	01/02/01
1,3-Dichlorobenzene	<100.		100	01/02/01
1,4-Dichlorobenzene	<100.		100	01/02/01
1,2-Dichlorobenzene	<100.		100	01/02/01
Dibromofluoromethane (surrogate)	103.%	70-131	100	01/02/01
1,2-Dichloroethane-d4 (surrogate)	104.%	81-120	100	01/02/01
Toluene-d8 (surrogate)	100.%	83-117	100	01/02/01
Bromofluorobenzene (surrogate)	95.%	78-119	100	01/02/01

Notes:

- Outside control limits J-Estimated value
E - Concentration exceeded the calibration range and is estimated

Authorized: 
Date: January 3, 2001 Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 624

Client: O'Brien & Gere Inc. of North America
Project: Galaxy Spectron Superfund Site
Proj. Desc: Elkton, MD

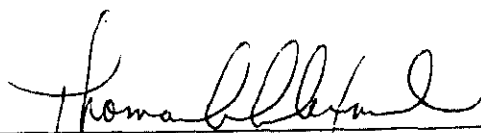
Job No.: 3027.025.517
Certification MD No.: 239

Sample: R7951
Samp. Description: Air Stripper Influent
Instrument: HP5970 GC/MS#2
Units: ug/L
Number of analytes: 37

Collected: 12/28/00
Received: 12/29/00
Prepared: 01/02/01
Matrix: Water
QC Batch: 010201W2
%Solids:
Purge volume: 25 mL

Parameter		Result	Surrog Limits	Dilution	Analyzed	Notes
Chloromethane		<2.0		1	01/02/01	
Vinyl chloride	E	140.		1	01/02/01	
Bromomethane		<2.0		1	01/02/01	
Chloroethane		28.		1	01/02/01	
Trichlorofluoromethane		7.4		1	01/02/01	
1,1-Dichloroethene	E	260.		1	01/02/01	
Methylene chloride	E	70.		1	01/02/01	
trans-1,2-Dichloroethene	E	71.		1	01/02/01	
1,1-Dichloroethane	E	810.		1	01/02/01	
cis-1,2-Dichloroethene	E	1200.		1	01/02/01	
Chloroform		21.		1	01/02/01	
1,2-Dichloroethane	E	500.		1	01/02/01	
1,1,1-Trichloroethane	E	810.		1	01/02/01	
Carbon tetrachloride		<1.0		1	01/02/01	
Benzene		19.		1	01/02/01	
1,2-Dichloropropane		<1.0		1	01/02/01	
Trichloroethene	E	160.		1	01/02/01	
Bromodichloromethane		<1.0		1	01/02/01	
2-Chloroethylvinyl ether		<2.0		1	01/02/01	
cis-1,3-Dichloropropene		<1.0		1	01/02/01	
trans-1,3-Dichloropropene		<1.0		1	01/02/01	
1,1,2-Trichloroethane		9.5		1	01/02/01	
Toluene		29.		1	01/02/01	
Dibromochloromethane		<1.0		1	01/02/01	
Tetrachloroethene	E	110.		1	01/02/01	
Chlorobenzene		23.		1	01/02/01	
Ethylbenzene		3.8		1	01/02/01	
Bromoform		<1.0		1	01/02/01	
Xylene (total)		5.6		1	01/02/01	

- Outside control limits J-Estimated value
E - Concentration exceeded the calibration range and is estimated

Authorized: 
Date: January 3, 2001 Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 624

Client: O'Brien & Gere Inc. of North America
Project: Galaxy Spectron Superfund Site
Proj. Desc: Elkton, MD

Job No.: 3027.025.517
Certification MD No.: 239

Sample: R7951
Samp. Description: Air Stripper Influent
Instrument: HP5970 GC/MS#2
Units: ug/L
Number of analytes: 37

Collected: 12/28/00 Matrix: Water
Received: 12/29/00 QC Batch: 010201W2
Prepared: 01/02/01 %Solids:
Purge volume: 25 mL

Parameter		Result	Surrog Limits	Dilution	Analyzed Notes
1,1,2,2-Tetrachloroethane	E	94.		1	01/02/01
1,3-Dichlorobenzene		<1.0		1	01/02/01
1,4-Dichlorobenzene		<1.0		1	01/02/01
1,2-Dichlorobenzene		3.2		1	01/02/01
Dibromofluoromethane (surrogate)		98.%	70-131	1	01/02/01
1,2-Dichloroethane-d4 (surrogate)		94.%	81-120	1	01/02/01
Toluene-d8 (surrogate)		99.%	83-117	1	01/02/01
Bromofluorobenzene (surrogate)		99.%	78-119	1	01/02/01

Notes:

- Outside control limits J-Estimated value
E - Concentration exceeded the calibration range and is estimated

Authorized: 
Date: January 3, 2001 Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 624

Client: O'Brien & Gere Inc. of North America
Project: Galaxy Spectron Superfund Site
Proj. Desc: Elkton, MD

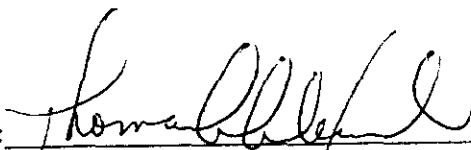
Job No.: 3027.025.517
Certification MD No.: 239

Sample: R7951DL
Samp. Description: Air Stripper Influent
Instrument: HP5970 GC/MS#2
Units: ug/L
Number of analytes: 37

Collected: 12/28/00
Received: 12/29/00
Prepared: 01/02/01
Matrix: Water
QC Batch: 010201W2
%Solids:
Purge volume: 25 mL

Parameter	Result	Surrog		Analyzed	Notes
		Limits	Dilution		
Chloromethane	<200.		100	01/02/01	
Vinyl chloride	<200.		100	01/02/01	
Bromomethane	<200.		100	01/02/01	
Chloroethane	<200.		100	01/02/01	
Trichlorofluoromethane	<100.		100	01/02/01	
1,1-Dichloroethene	<100.		100	01/02/01	
Methylene chloride	<100.		100	01/02/01	
trans-1,2-Dichloroethene	<100.		100	01/02/01	
1,1-Dichloroethane	1200.		100	01/02/01	
cis-1,2-Dichloroethene	3300.		100	01/02/01	
Chloroform	<100.		100	01/02/01	
1,2-Dichloroethane	290.		100	01/02/01	
1,1,1-Trichloroethane	1700.		100	01/02/01	
Carbon tetrachloride	<100.		100	01/02/01	
Benzene	<100.		100	01/02/01	
1,2-Dichloropropane	<100.		100	01/02/01	
Trichloroethene	140.		100	01/02/01	
Bromodichloromethane	<100.		100	01/02/01	
2-Chloroethylvinyl ether	<200.		100	01/02/01	
cis-1,3-Dichloropropene	<100.		100	01/02/01	
trans-1,3-Dichloropropene	<100.		100	01/02/01	
1,1,2-Trichloroethane	<100.		100	01/02/01	
Toluene	<100.		100	01/02/01	
Dibromochloromethane	<100.		100	01/02/01	
Tetrachloroethene	<100.		100	01/02/01	
Chlorobenzene	<100.		100	01/02/01	
Ethylbenzene	<100.		100	01/02/01	
Bromoform	<100.		100	01/02/01	
Xylene (total)	<100.		100	01/02/01	

- Outside control limits J-Estimated value
E - Concentration exceeded the calibration range and is estimated

Authorized: 
Date: January 3, 2001 Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 624

Client: O'Brien & Gere Inc. of North America
Project: Galaxy Spectron Superfund Site
Proj. Desc: Elkton, MD

Job No.: 3027.025.517
Certification MD No.: 239

Sample: R7951DL
Samp. Description: Air Stripper Influent
Instrument: HP5970 GC/MS#2
Units: ug/L
Number of analytes: 37

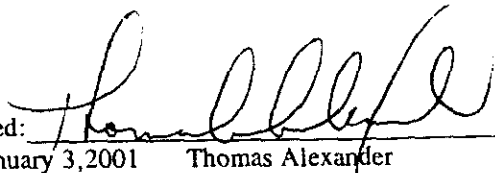
Collected: 12/28/00
Received: 12/29/00
Prepared: 01/02/01

Matrix: Water
QC Batch: 010201W2
%Solids:
Purge volume: 25 mL

Parameter	Result	Surrog Limits	Dilution	Analyzed Notes
1,1,2,2-Tetrachloroethane	<100.		100	01/02/01
1,3-Dichlorobenzene	<100.		100	01/02/01
1,4-Dichlorobenzene	<100.		100	01/02/01
1,2-Dichlorobenzene	<100.		100	01/02/01
Dibromofluoromethane (surrogate)	101.%	70-131	100	01/02/01
1,2-Dichloroethane-d4 (surrogate)	104.%	81-120	100	01/02/01
Toluene-d8 (surrogate)	101.%	83-117	100	01/02/01
Bromofluorobenzene (surrogate)	98.%	78-119	100	01/02/01

Notes:

- Outside control limits J-Estimated value
E - Concentration exceeded the calibration range and is estimated

Authorized: 
Date: January 3, 2001 Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 624

Client: O'Brien & Gere Inc. of North America
Project: Galaxy Spectron Superfund Site
Proj. Desc: Elkton, MD

Job No.: 3027.025.517
Certification MD No.: 239

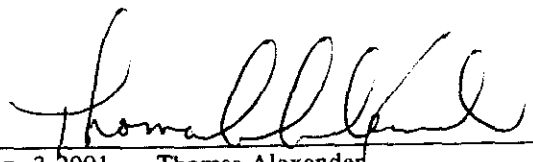
Sample: R7952
Samp. Description: Air Stripper Effluent
Instrument: HP5970 GC/MS#2
Units: ug/L
Number of analytes: 37

Collected: 12/28/00
Received: 12/29/00
Prepared: 01/02/01
Matrix: Water
QC Batch: 010201W2
%Solids:
Purge volume: 25 mL

Parameter	Result	Surrog		Analyzed Notes
		Limits	Dilution	
Chloromethane	<2.0		1	01/02/01
Vinyl chloride	<2.0		1	01/02/01
Bromomethane	<2.0		1	01/02/01
Chloroethane	<2.0		1	01/02/01
Trichlorofluoromethane	<1.0		1	01/02/01
1,1-Dichloroethene	4.9		1	01/02/01
Methylene chloride	1.7		1	01/02/01
trans-1,2-Dichloroethene	1.3		1	01/02/01
1,1-Dichloroethane	7.0		1	01/02/01
cis-1,2-Dichloroethene	33.		1	01/02/01
Chloroform	<1.0		1	01/02/01
1,2-Dichloroethane	6.9		1	01/02/01
1,1,1-Trichloroethane	54.		1	01/02/01
Carbon tetrachloride	<1.0		1	01/02/01
Benzene	<1.0		1	01/02/01
1,2-Dichloropropane	<1.0		1	01/02/01
Trichloroethene	14.		1	01/02/01
Bromodichloromethane	<1.0		1	01/02/01
2-Chloroethylvinyl ether	<2.0		1	01/02/01
cis-1,3-Dichloropropene	<1.0		1	01/02/01
trans-1,3-Dichloropropene	<1.0		1	01/02/01
1,1,2-Trichloroethane	<1.0		1	01/02/01
Toluene	4.4		1	01/02/01
Dibromochloromethane	<1.0		1	01/02/01
Tetrachloroethene	22.		1	01/02/01
Chlorobenzene	4.0		1	01/02/01
Ethylbenzene	<1.0		1	01/02/01
Bromoform	<1.0		1	01/02/01
Xylene (total)	1.6		1	01/02/01

- Outside control limits J-Estimated value

E - Concentration exceeded the calibration range and is estimated

Authorized: 

Date: January 3, 2001 Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 624

Client: O'Brien & Gere Inc. of North America
Project: Galaxy Spectron Superfund Site
Proj. Desc: Elkton, MD

Job No.: 3027.025.517
Certification MD No.: 239

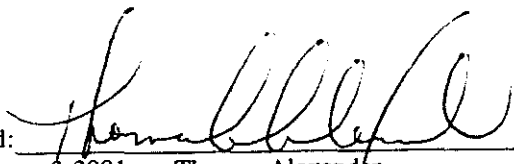
Sample: R7952
Samp. Description: Air Stripper Effluent
Instrument: HP5970 GC/MS#2
Units: ug/L
Number of analytes: 37

Collected: 12/28/00
Received: 12/29/00
Prepared: 01/02/01
Matrix: Water
QC Batch: 010201W2
%Solids:
Purge volume: 25 mL

Parameter	Result	Surrog Limits	Dilution	Analyzed	Notes
1,1,2,2-Tetrachloroethane	31.		1	01/02/01	
1,3-Dichlorobenzene	<1.0		1	01/02/01	
1,4-Dichlorobenzene	<1.0		1	01/02/01	
1,2-Dichlorobenzene	1.2		1	01/02/01	
Dibromofluoromethane (surrogate)	105.%	70-131	1	01/02/01	
1,2-Dichloroethane-d4 (surrogate)	106.%	81-120	1	01/02/01	
Toluene-d8 (surrogate)	102.%	83-117	1	01/02/01	
Bromofluorobenzene (surrogate)	97.%	78-119	1	01/02/01	

Notes:

- Outside control limits J-Estimated value
E - Concentration exceeded the calibration range and is estimated

Authorized: 
Date: January 3, 2001 Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 624

Client: O'Brien & Gere Inc. of North America
Project: Galaxy Spectron Superfund Site
Proj. Desc: Elkton, MD

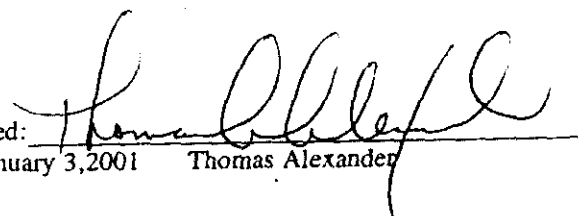
Job No.: 3027.025.517
Certification MD No.: 239

Sample: R7952DL
Samp. Description: Air Stripper Effluent
Instrument: HP5970 GC/MS#2
Units: ug/L
Number of analytes: 37

Collected: 12/28/00
Received: 12/29/00
Prepared: 01/02/01
Matrix: Water
QC Batch: 010201W2
% Solids:
Purge volume: 25 mL

Parameter	Result	Surrog Limits	Dilution	Analyzed	Notes
Chloromethane	<5.0		2.5	01/02/01	
Vinyl chloride	<5.0		2.5	01/02/01	
Bromomethane	<5.0		2.5	01/02/01	
Chloroethane	<5.0		2.5	01/02/01	
Trichlorofluoromethane	<2.5		2.5	01/02/01	
1,1-Dichloroethene	5.2		2.5	01/02/01	
Methylene chloride	<2.5		2.5	01/02/01	
trans-1,2-Dichloroethene	<2.5		2.5	01/02/01	
1,1-Dichloroethane	7.9		2.5	01/02/01	
cis-1,2-Dichloroethene	41.		2.5	01/02/01	
Chloroform	<2.5		2.5	01/02/01	
1,2-Dichloroethane	9.1		2.5	01/02/01	
1,1,1-Trichloroethane	65.		2.5	01/02/01	
Carbon tetrachloride	<2.5		2.5	01/02/01	
Benzene	<2.5		2.5	01/02/01	
1,2-Dichloropropane	<2.5		2.5	01/02/01	
Trichloroethene	17.		2.5	01/02/01	
Bromodichloromethane	<2.5		2.5	01/02/01	
2-Chloroethylvinyl ether	<5.0		2.5	01/02/01	
cis-1,3-Dichloropropene	<2.5		2.5	01/02/01	
trans-1,3-Dichloropropene	<2.5		2.5	01/02/01	
1,1,2-Trichloroethane	<2.5		2.5	01/02/01	
Toluene	4.8		2.5	01/02/01	
Dibromochloromethane	<2.5		2.5	01/02/01	
Tetrachloroethene	25.		2.5	01/02/01	
Chlorobenzene	4.5		2.5	01/02/01	
Ethylbenzene	<2.5		2.5	01/02/01	
Bromoform	<2.5		2.5	01/02/01	
Xylene (total)	<2.5		2.5	01/02/01	

- Outside control limits J-Estimated value
E - Concentration exceeded the calibration range and is estimated

Authorized: 
Date: January 3, 2001 Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 624

Client: O'Brien & Gere Inc. of North America
Project: Galaxy Spectron Superfund Site
Proj. Desc: Elkton, MD

Job No.: 3027.025.517
Certification MD No.: 239

Sample: R7952DL
Samp. Description: Air Stripper Effluent
Instrument: HP5970 GC/MS#2
Units: ug/L
Number of analytes: 37

Collected: 12/28/00
Received: 12/29/00
Prepared: 01/02/01

Matrix: Water
QC Batch: 010201W2
%Solids:
Purge volume: 25 mL

Parameter	Result	Surrog Limits	Dilution	Analyzed	Notes
1,1,2,2-Tetrachloroethane	35.		2.5	01/02/01	
1,3-Dichlorobenzene	<2.5		2.5	01/02/01	
1,4-Dichlorobenzene	<2.5		2.5	01/02/01	
1,2-Dichlorobenzene	<2.5		2.5	01/02/01	
Dibromofluoromethane (surrogate)	98.%	70-131	2.5	01/02/01	
1,2-Dichloroethane-d4 (surrogate)	96.%	81-120	2.5	01/02/01	
Toluene-d8 (surrogate)	100.%	83-117	2.5	01/02/01	
Bromofluorobenzene (surrogate)	93.%	78-119	2.5	01/02/01	

Notes:

- Outside control limits J-Estimated value
E - Concentration exceeded the calibration range and is estimated

Authorized: 
Date: January 3, 2001 Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 624

Client: O'Brien & Gere Inc. of North America
Project: Galaxy Spectron Superfund Site
Proj. Desc: Elkton, MD

Job No.: 3027.025.517
Certification MD No.: 239

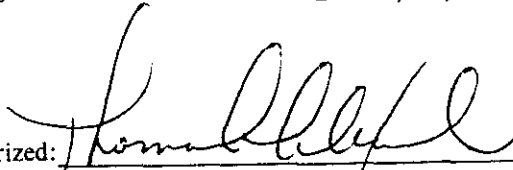
Sample: R7953
Samp. Description: TB122800
Instrument: HP5970 GC/MS#2
Units: ug/L
Number of analytes: 37

Collected: 12/28/00
Received: 12/29/00
Prepared: 01/02/01

Matrix: Water
QC Batch: 010201W2
%Solids:
Purge volume: 25 mL

Parameter	Result	Surrog		Analyzed	Notes
		Limits	Dilution		
Chloromethane	<2.0		1	01/02/01	
Vinyl chloride	<2.0		1	01/02/01	
Bromomethane	<2.0		1	01/02/01	
Chloroethane	<2.0		1	01/02/01	
Trichlorofluoromethane	<1.0		1	01/02/01	
1,1-Dichloroethene	<1.0		1	01/02/01	
Methylene chloride	<1.0		1	01/02/01	
trans-1,2-Dichloroethene	<1.0		1	01/02/01	
1,1-Dichloroethane	<1.0		1	01/02/01	
cis-1,2-Dichloroethene	<1.0		1	01/02/01	
Chloroform	<1.0		1	01/02/01	
1,2-Dichloroethane	<1.0		1	01/02/01	
1,1,1-Trichloroethane	<1.0		1	01/02/01	
Carbon tetrachloride	<1.0		1	01/02/01	
Benzene	<1.0		1	01/02/01	
1,2-Dichloropropane	<1.0		1	01/02/01	
Trichloroethene	<1.0		1	01/02/01	
Bromodichloromethane	<1.0		1	01/02/01	
2-Chloroethylvinyl ether	<2.0		1	01/02/01	
cis-1,3-Dichloropropene	<1.0		1	01/02/01	
trans-1,3-Dichloropropene	<1.0		1	01/02/01	
1,1,2-Trichloroethane	<1.0		1	01/02/01	
Toluene	<1.0		1	01/02/01	
Dibromochloromethane	<1.0		1	01/02/01	
Tetrachloroethene	<1.0		1	01/02/01	
Chlorobenzene	<1.0		1	01/02/01	
Ethylbenzene	<1.0		1	01/02/01	
Bromoform	<1.0		1	01/02/01	
Xylene (total)	<1.0		1	01/02/01	

- Outside control limits J-Estimated value
E - Concentration exceeded the calibration range and is estimated

Authorized: 
Date: January 3, 2001 Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 624

Client: O'Brien & Gere Inc. of North America
Project: Galaxy Spectron Superfund Site
Proj. Desc: Elkton, MD

Job No.: 3027.025.517
Certification MD No.: 239

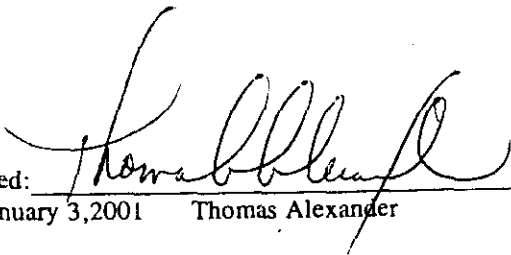
Sample: R7953
Samp. Description: TB122800
Instrument: HP5970 GC/MS#2
Units: ug/L
Number of analytes: 37

Collected: 12/28/00
Received: 12/29/00
Prepared: 01/02/01
Matrix: Water
QC Batch: 010201W2
%Solids:
Purge volume: 25 mL

Parameter	Result	Surrog		Analyzed	Notes
		Limits	Dilution		
1,1,2,2-Tetrachloroethane	<1.0		1	01/02/01	
1,3-Dichlorobenzene	<1.0		1	01/02/01	
1,4-Dichlorobenzene	<1.0		1	01/02/01	
1,2-Dichlorobenzene	<1.0		1	01/02/01	
Dibromofluoromethane (surrogate)	101.%	70-131	1	01/02/01	
1,2-Dichloroethane-d4 (surrogate)	94.%	81-120	1	01/02/01	
Toluene-d8 (surrogate)	101.%	83-117	1	01/02/01	
Bromofluorobenzene (surrogate)	94.%	78-119	1	01/02/01	

Notes:

- Outside control limits J-Estimated value
E - Concentration exceeded the calibration range and is estimated

Authorized: 
Date: January 3, 2001 Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 625

Client: O'Brien & Gere Inc. of North America
Project: Galaxy Spectron Superfund Site
Proj. Desc: Elkton, MD

Job No.: 3027.025.517
Certification MD No.: 239

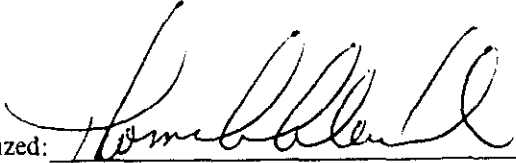
Sample: R7949
Samp. Description: Pact Influent
Instrument: HP5972 GC/MS#6
Units: ug/L
Number of analytes: 63

Collected: 12/28/00
Received: 12/29/00
Prepared: 01/02/01
Matrix: Water
QC Batch: 010201W2
%Solids:
Sample Size: 1 L

Parameter	Result	Surrog		Analyzed	Notes
		Limits	Dilution		
N-Nitrosodimethylamine	<10.		1	01/04/01	
bis(2-Chloroethyl) ether	<10.		1	01/04/01	
Phenol	<10.		1	01/04/01	
2-Chlorophenol	<10.		1	01/04/01	
1,3-Dichlorobenzene	<10.		1	01/04/01	
1,4-Dichlorobenzene	41.		1	01/04/01	
1,2-Dichlorobenzene	320.		1	01/04/01	
bis(2-Chloroisopropyl) ether	<10.		1	01/04/01	
N-Nitroso-di-n-propylamine	<10.		1	01/04/01	
Hexachloroethane	<10.		1	01/04/01	
Nitrobenzene	<10.		1	01/04/01	
Isophorone	<10.		1	01/04/01	
2-Nitrophenol	<10.		1	01/04/01	
2,4-Dimethylphenol	<10.		1	01/04/01	
bis(2-Chloroethoxy) methane	<10.		1	01/04/01	
2,4-Dichlorophenol	<10.		1	01/04/01	
1,2,4-Trichlorobenzene	25.		1	01/04/01	
Naphthalene	<10.		1	01/04/01	
Hexachlorobutadiene	<10.		1	01/04/01	
4-Chloro-3-methylphenol	<10.		1	01/04/01	
Hexachlorocyclopentadiene	<10.		1	01/04/01	
2,4,6-Trichlorophenol	<10.		1	01/04/01	
2-Chloronaphthalene	<10.		1	01/04/01	
Dimethyl phthalate	<10.		1	01/04/01	
Acenaphthylene	<10.		1	01/04/01	
2,6-Dinitrotoluene	<10.		1	01/04/01	
Acenaphthene	<10.		1	01/04/01	
2,4-Dinitrophenol	<50.		1	01/04/01	
4-Nitrophenol	<50.		1	01/04/01	

- Outside control limits J-Estimated value

E - Concentration exceeded the calibration range and is estimated

Authorized: 

Date: January 5, 2001

Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 625

Client: O'Brien & Gere Inc. of North America
Project: Galaxy Spectron Superfund Site
Proj. Desc: Elkton, MD

Job No.: 3027.025.517
Certification MD No.: 239

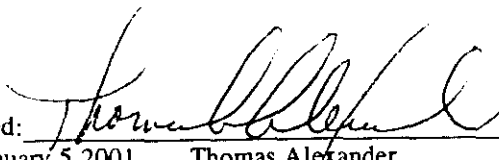
Sample: R7949
Samp. Description: Pact Influent
Instrument: HP5972 GC/MS#6
Units: ug/L
Number of analytes: 63

Collected: 12/28/00
Received: 12/29/00
Prepared: 01/02/01

Matrix: Water
QC Batch: 010201W2
%Solids:
Sample Size: 1 L

Parameter	Result	Surrog Limits	Dilution	Analyzed	Notes
2,4-Dinitrotoluene	<10.		1	01/04/01	
Diethyl phthalate	<10.		1	01/04/01	
Fluorene	<10.		1	01/04/01	
4-Chlorophenyl phenyl ether	<10.		1	01/04/01	
4,6-Dinitro-2-methylphenol	<50.		1	01/04/01	
N-Nitrosodiphenylamine	<10.		1	01/04/01	
1,2-Diphenylhydrazine	<10.		1	01/04/01	
4-Bromophenyl phenyl ether	<10.		1	01/04/01	
Hexachlorobenzene	<10.		1	01/04/01	
Pentachlorophenol	<50.		1	01/04/01	
Phenanthrene	<10.		1	01/04/01	
Anthracene	<10.		1	01/04/01	
Di-n-butyl phthalate	<10.		1	01/04/01	
Fluoranthene	<10.		1	01/04/01	
Benzidine	<50.		1	01/04/01	
Pyrene	<10.		1	01/04/01	
Butyl benzyl phthalate	<10.		1	01/04/01	
3,3'-Dichlorobenzidine	<20.		1	01/04/01	
Benzo[a]anthracene	<10.		1	01/04/01	
Chrysene	<10.		1	01/04/01	
bis(2-Ethylhexyl)phthalate	<10.		1	01/04/01	
Di-n-octyl phthalate	<10.		1	01/04/01	
Benzo[b]fluoranthene	<10.		1	01/04/01	
Benzo[k]fluoranthene	<10.		1	01/04/01	
Benzo[a]pyrene	<10.		1	01/04/01	
Indeno[1,2,3-cd]pyrene	<10.		1	01/04/01	
Dibenz[a,h]anthracene	<10.		1	01/04/01	
Benzo[g,h,i]perylene	<10.		1	01/04/01	
2-Fluorophenol (surrogate)	85.%	65-103	1	01/04/01	
Phenol-d5 (surrogate)	86.%	60-117	1	01/04/01	
2,4,6-Tribromophenol (surrogate)	120.%	60-146	1	01/04/01	

- Outside control limits J-Estimated value
E - Concentration exceeded the calibration range and is estimated

Authorized: 
Date: January 5, 2001 Thomas Alexander

**O'Brien & Gere
Laboratories, Inc.**

**Analytical Results
Method: 625**

Client: O'Brien & Gere Inc. of North America
Project: Galaxy Spectron Superfund Site
Proj. Desc: Elkton, MD

Job No.: 3027.025.517
Certification MD No.: 239

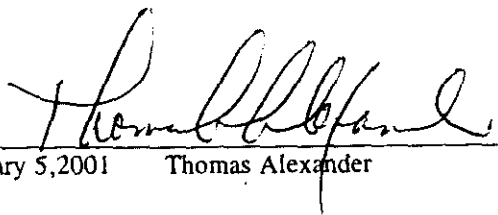
Sample: R7949
Samp. Description: Pact Influent
Instrument: HP5972 GC/MS#6
Units: ug/L
Number of analytes: 63

Collected: 12/28/00 Matrix: Water
Received: 12/29/00 QC Batch: 010201W2
Prepared: 01/02/01 % Solids:
Sample Size: 1 L

Parameter	Result	Surrog Limits	Dilution	Analyzed Notes
Nitrobenzene-d5 (surrogate)	89.†	50-132	1	01/04/01
2-Fluorobiphenyl (surrogate)	84.†	45-120	1	01/04/01
Terphenyl-d14 (surrogate)	82.†	37-151	1	01/04/01

Notes:

- Outside control limits J-Estimated value
E - Concentration exceeded the calibration range and is estimated

Authorized: 
Date: January 5, 2001 Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 625

Client: O'Brien & Gere Inc. of North America
Project: Galaxy Spectron Superfund Site
Proj. Desc: Elkton, MD

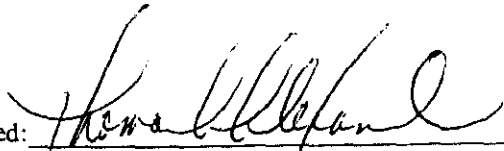
Job No.: 3027.025.517
Certification MD No.: 239

Sample: R7949DL
Samp. Description: Pact Influent
Instrument: HP5972 GC/MS#6
Units: ug/L
Number of analytes: 63

Collected: 12/28/00
Received: 12/29/00
Prepared: 01/02/01
Matrix: Water
QC Batch: 010201W2
%Solids:
Sample Size: 1 L

Parameter	Result	Surrog Limits	Dilution	Analyzed	Notes
N-Nitrosodimethylamine	<50.		5	01/04/01	
bis (2-Chloroethyl) ether	<50.		5	01/04/01	
Phenol	<50.		5	01/04/01	
2-Chlorophenol	<50.		5	01/04/01	
1,3-Dichlorobenzene	<50.		5	01/04/01	
1,4-Dichlorobenzene	<50.		5	01/04/01	
1,2-Dichlorobenzene	330.		5	01/04/01	
bis (2-Chloroisopropyl) ether	<50.		5	01/04/01	
N-Nitroso-di-n-propylamine	<50.		5	01/04/01	
Hexachloroethane	<50.		5	01/04/01	
Nitrobenzene	<50.		5	01/04/01	
Isophorone	<50.		5	01/04/01	
2-Nitrophenol	<50.		5	01/04/01	
2,4-Dimethylphenol	<50.		5	01/04/01	
bis (2-Chloroethoxy) methane	<50.		5	01/04/01	
2,4-Dichlorophenol	<50.		5	01/04/01	
1,2,4-Trichlorobenzene	<50.		5	01/04/01	
Naphthalene	<50.		5	01/04/01	
Hexachlorobutadiene	<50.		5	01/04/01	
4-Chloro-3-methylphenol	<50.		5	01/04/01	
Hexachlorocyclopentadiene	<50.		5	01/04/01	
2,4,6-Trichlorophenol	<50.		5	01/04/01	
2-Chloronaphthalene	<50.		5	01/04/01	
Dimethyl phthalate	<50.		5	01/04/01	
Acenaphthylene	<50.		5	01/04/01	
2,6-Dinitrotoluene	<50.		5	01/04/01	
Acenaphthene	<50.		5	01/04/01	
2,4-Dinitrophenol	<250.		5	01/04/01	
4-Nitrophenol	<250.		5	01/04/01	

- Outside control limits J-Estimated value
E - Concentration exceeded the calibration range and is estimated

Authorized: 
Date: January 5, 2001 Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 625

Client: O'Brien & Gere Inc. of North America
Project: Galaxy Spectron Superfund Site
Proj. Desc: Elkton, MD

Job No.: 3027.025.517
Certification MD No.: 239

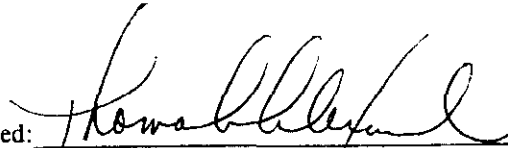
Sample: R7949DL
Samp. Description: Pact Influent
Instrument: HP5972 GC/MS#6
Units: ug/L
Number of analytes: 63

Collected: 12/28/00
Received: 12/29/00
Prepared: 01/02/01

Matrix: Water
QC Batch: 010201W2
%Solids:
Sample Size: 1 L

Parameter	Result	Surrog Limits	Dilution	Analyzed	Notes
2,4-Dinitrotoluene	<50.		5	01/04/01	
Diethyl phthalate	<50.		5	01/04/01	
Fluorene	<50.		5	01/04/01	
4-Chlorophenyl phenyl ether	<50.		5	01/04/01	
4,6-Dinitro-2-methylphenol	<250.		5	01/04/01	
N-Nitrosodiphenylamine	<50.		5	01/04/01	
1,2-Diphenylhydrazine	<50.		5	01/04/01	
4-Bromophenyl phenyl ether	<50.		5	01/04/01	
Hexachlorobenzene	<50.		5	01/04/01	
Pentachlorophenol	<250.		5	01/04/01	
Phenanthrene	<50.		5	01/04/01	
Anthracene	<50.		5	01/04/01	
Di-n-butyl phthalate	<50.		5	01/04/01	
Fluoranthene	<50.		5	01/04/01	
Benzidine	<250.		5	01/04/01	
Pyrene	<50.		5	01/04/01	
Butyl benzyl phthalate	<50.		5	01/04/01	
3,3'-Dichlorobenzidine	<100.		5	01/04/01	
Benzo[a]anthracene	<50.		5	01/04/01	
Chrysene	<50.		5	01/04/01	
bis(2-Ethylhexyl)phthalate	<50.		5	01/04/01	
Di-n-octyl phthalate	<50.		5	01/04/01	
Benzo[b]fluoranthene	<50.		5	01/04/01	
Benzo[k]fluoranthene	<50.		5	01/04/01	
Benzo[a]pyrene	<50.		5	01/04/01	
Indeno[1,2,3-cd]pyrene	<50.		5	01/04/01	
Dibenz[a,h]anthracene	<50.		5	01/04/01	
Benzo[g,h,i]perylene	<50.		5	01/04/01	
2-Fluorophenol (surrogate)	83.%	65-103	5	01/04/01	
Phenol-d5 (surrogate)	85.%	60-117	5	01/04/01	
2,4,6-Tribromophenol (surrogate)	104.%	60-146	5	01/04/01	

- Outside control limits J-Estimated value
E - Concentration exceeded the calibration range and is estimated

Authorized: 
Date: January 5, 2001 Thomas Alexander

**O'Brien & Gere
Laboratories, Inc.**

**Analytical Results
Method: 625**

Client: O'Brien & Gere Inc. of North America
Project: Galaxy Spectron Superfund Site
Proj. Desc: Elkton, MD

Job No.: 3027.025.517
Certification MD No.: 239

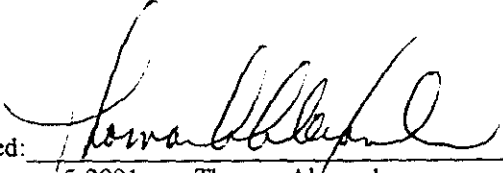
Sample: R7949DL
Samp. Description: Pact Influent
Instrument: HP5972 GC/MS#6
Units: ug/L
Number of analytes: 63

Collected: 12/28/00 Matrix: Water
Received: 12/29/00 QC Batch: 010201W2
Prepared: 01/02/01 %Solids:
Sample Size: 1 L

Parameter	Result	Surrog Limits	Dilution	Analyzed	Notes
Nitrobenzene-d5 (surrogate)	94.%	50-132	5	01/04/01	
2-Fluorobiphenyl (surrogate)	84.%	45-120	5	01/04/01	
Terphenyl-d14 (surrogate)	79.%	37-151	5	01/04/01	

Notes:

- Outside control limits J-Estimated value
E - Concentration exceeded the calibration range and is estimated

Authorized: 
Date: January 5, 2001 Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 625

Client: O'Brien & Gere Inc. of North America
Project: Galaxy Spectron Superfund Site
Proj. Desc: Elkton, MD

Job No.: 3027.025.517
Certification MD No.: 239

Sample: R7950
Samp. Description: Pact Effluent
Instrument: HP5972 GC/MS#6
Units: ug/L
Number of analytes: 63

Collected: 12/28/00
Received: 12/29/00
Prepared: 01/02/01
Matrix: Water
QC Batch: 010201W2
%Solids:
Sample Size: .99 L

Parameter	Result	Surrog		Analyzed	Notes
		Limits	Dilution		
N-Nitrosodimethylamine	<10.		1	01/04/01	
bis(2-Chloroethyl) ether	<10.		1	01/04/01	
Phenol	<10.		1	01/04/01	
2-Chlorophenol	<10.		1	01/04/01	
1,3-Dichlorobenzene	<10.		1	01/04/01	
1,4-Dichlorobenzene	<10.		1	01/04/01	
1,2-Dichlorobenzene	<10.		1	01/04/01	
bis(2-Chloroisopropyl) ether	<10.		1	01/04/01	
N-Nitroso-di-n-propylamine	<10.		1	01/04/01	
Hexachloroethane	<10.		1	01/04/01	
Nitrobenzene	<10.		1	01/04/01	
Isophorone	<10.		1	01/04/01	
2-Nitrophenol	<10.		1	01/04/01	
2,4-Dimethylphenol	<10.		1	01/04/01	
bis(2-Chloroethoxy) methane	<10.		1	01/04/01	
2,4-Dichlorophenol	<10.		1	01/04/01	
1,2,4-Trichlorobenzene	<10.		1	01/04/01	
Naphthalene	<10.		1	01/04/01	
Hexachlorobutadiene	<10.		1	01/04/01	
4-Chloro-3-methylphenol	<10.		1	01/04/01	
Hexachlorocyclopentadiene	<10.		1	01/04/01	
2,4,6-Trichlorophenol	<10.		1	01/04/01	
2-Chloronaphthalene	<10.		1	01/04/01	
Dimethyl phthalate	<10.		1	01/04/01	
Acenaphthylene	<10.		1	01/04/01	
2,6-Dinitrotoluene	<10.		1	01/04/01	
Acenaphthene	<10.		1	01/04/01	
2,4-Dinitrophenol	<51.		1	01/04/01	
4-Nitrophenol	<51.		1	01/04/01	

- Outside control limits J-Estimated value
E - Concentration exceeded the calibration range and is estimated

Authorized: 
Date: January 5, 2001 Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 625

Client: O'Brien & Gere Inc. of North America
Project: Galaxy Spectron Superfund Site
Proj. Desc: Elkton, MD

Job No.: 3027.025.517
Certification MD No.: 239

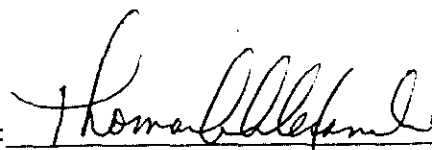
Sample: R7950
Samp. Description: Pact Effluent
Instrument: HP5972 GC/MS#6
Units: ug/L
Number of analytes: 63

Collected: 12/28/00
Received: 12/29/00
Prepared: 01/02/01
Matrix: Water
QC Batch: 010201W2
%Solids:
Sample Size: .99 L

Parameter	Result	Surrog Limits	Dilution	Analyzed Notes
2,4-Dinitrotoluene	<10.		1	01/04/01
Diethyl phthalate	<10.		1	01/04/01
Fluorene	<10.		1	01/04/01
4-Chlorophenyl phenyl ether	<10.		1	01/04/01
4,6-Dinitro-2-methylphenol	<51.		1	01/04/01
N-Nitrosodiphenylamine	<10.		1	01/04/01
1,2-Diphenylhydrazine	<10.		1	01/04/01
4-Bromophenyl phenyl ether	<10.		1	01/04/01
Hexachlorobenzene	<10.		1	01/04/01
Pentachlorophenol	<51.		1	01/04/01
Phenanthrene	<10.		1	01/04/01
Anthracene	<10.		1	01/04/01
Di-n-butyl phthalate	<10.		1	01/04/01
Fluoranthene	<10.		1	01/04/01
Benzidine	<51.		1	01/04/01
Pyrene	<10.		1	01/04/01
Butyl benzyl phthalate	<10.		1	01/04/01
3,3'-Dichlorobenzidine	<20.		1	01/04/01
Benzo[a]anthracene	<10.		1	01/04/01
Chrysene	<10.		1	01/04/01
bis(2-Ethylhexyl)phthalate	<10.		1	01/04/01
Di-n-octyl phthalate	<10.		1	01/04/01
Benzo[b]fluoranthene	<10.		1	01/04/01
Benzo[k]fluoranthene	<10.		1	01/04/01
Benzo[a]pyrene	<10.		1	01/04/01
Indeno[1,2,3-cd]pyrene	<10.		1	01/04/01
Dibenz[a,h]anthracene	<10.		1	01/04/01
Benzo[g,h,i]perylene	<10.		1	01/04/01
2-Fluorophenol (surrogate)	78.%	65-103	1	01/04/01
Phenol-d5 (surrogate)	81.%	60-117	1	01/04/01
2,4,6-Tribromophenol (surrogate)	110.%	60-146	1	01/04/01

- Outside control limits J-Estimated value

E - Concentration exceeded the calibration range and is estimated

Authorized: 

Date: January 5, 2001

Thomas Alexander

**O'Brien & Gere
Laboratories, Inc.**

**Analytical Results
Method: 625**

Client: O'Brien & Gere Inc. of North America
Project: Galaxy Spectron Superfund Site
Proj. Desc: Elkton, MD

Job No.: 3027.025.517
Certification MD No.: 239

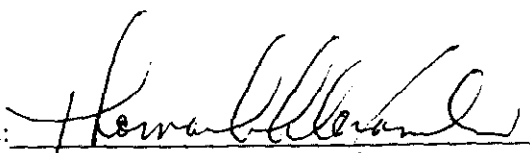
Sample: R7950
Samp. Description: Pact Effluent
Instrument: HP5972 GC/MS#6
Units: ug/L
Number of analytes: 63

Collected: 12/28/00 Matrix: Water
Received: 12/29/00 QC Batch: 010201W2
Prepared: 01/02/01 %Solids:
Sample Size: .99 L

Parameter	Result	Surrog Limits	Dilution	Analyzed Notes
Nitrobenzene-d5 (surrogate)	90.%	50-132	1	01/04/01
2-Fluorobiphenyl (surrogate)	75.%	45-120	1	01/04/01
Terphenyl-d14 (surrogate)	85.%	37-151	1	01/04/01

Notes:

- Outside control limits J-Estimated value
E - Concentration exceeded the calibration range and is estimated

Authorized: 
Date: January 5, 2001 Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 625

Client: O'Brien & Gere Inc. of North America
Project: Galaxy Spectron Superfund Site
Proj. Desc: Elkton, MD

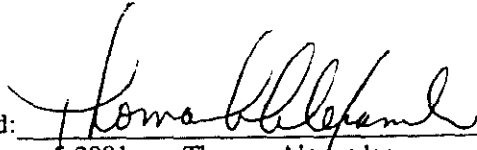
Job No.: 3027.025.517
Certification MD No.: 239

Sample: R7951
Samp. Description: Air Stripper Influent
Instrument: HP5972 GC/MS#6
Units: ug/L
Number of analytes: 63

Collected: 12/28/00
Received: 12/29/00
Prepared: 01/02/01
Matrix: Water
QC Batch: 010201W2
%Solids:
Sample Size: 1 L

Parameter	Result	Surrog		Analyzed Notes
		Limits	Dilution	
N-Nitrosodimethylamine	<10.		1	01/04/01
bis(2-Chloroethyl) ether	<10.		1	01/04/01
Phenol	<10.		1	01/04/01
2-Chlorophenol	<10.		1	01/04/01
1,3-Dichlorobenzene	<10.		1	01/04/01
1,4-Dichlorobenzene	<10.		1	01/04/01
1,2-Dichlorobenzene	11.		1	01/04/01
bis(2-Chloroisopropyl) ether	<10.		1	01/04/01
N-Nitroso-di-n-propylamine	<10.		1	01/04/01
Hexachloroethane	<10.		1	01/04/01
Nitrobenzene	<10.		1	01/04/01
Isophorone	<10.		1	01/04/01
2-Nitrophenol	<10.		1	01/04/01
2,4-Dimethylphenol	<10.		1	01/04/01
bis(2-Chloroethoxy) methane	<10.		1	01/04/01
2,4-Dichlorophenol	<10.		1	01/04/01
1,2,4-Trichlorobenzene	<10.		1	01/04/01
Naphthalene	<10.		1	01/04/01
Hexachlorobutadiene	<10.		1	01/04/01
4-Chloro-3-methylphenol	<10.		1	01/04/01
Hexachlorocyclopentadiene	<10.		1	01/04/01
2,4,6-Trichlorophenol	<10.		1	01/04/01
2-Chloronaphthalene	<10.		1	01/04/01
Dimethyl phthalate	<10.		1	01/04/01
Acenaphthylene	<10.		1	01/04/01
2,6-Dinitrotoluene	<10.		1	01/04/01
Acenaphthene	<10.		1	01/04/01
2,4-Dinitrophenol	<50.		1	01/04/01
4-Nitrophenol	<50.		1	01/04/01

- Outside control limits J-Estimated value
E - Concentration exceeded the calibration range and is estimated

Authorized: 
Date: January 5, 2001 Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 625

Client: O'Brien & Gere Inc. of North America
Project: Galaxy Spectron Superfund Site
Proj. Desc: Elkton, MD

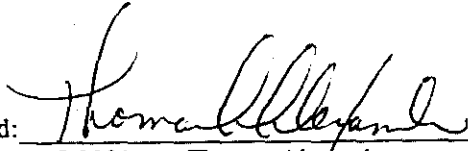
Job No.: 3027.025.517
Certification MD No.: 239

Sample: R7951
Samp. Description: Air Stripper Influent
Instrument: HP5972 GC/MS#6
Units: ug/L
Number of analytes: 63

Collected: 12/28/00
Received: 12/29/00
Prepared: 01/02/01
Matrix: Water
QC Batch: 010201W2
%Solids:
Sample Size: 1 L

Parameter	Result	Surrog Limits	Dilution	Analyzed	Notes
2,4-Dinitrotoluene	<10.		1	01/04/01	
Diethyl phthalate	<10.		1	01/04/01	
Fluorene	<10.		1	01/04/01	
4-Chlorophenyl phenyl ether	<10.		1	01/04/01	
4,6-Dinitro-2-methylphenol	<50.		1	01/04/01	
N-Nitrosodiphenylamine	<10.		1	01/04/01	
1,2-Diphenylhydrazine	<10.		1	01/04/01	
4-Bromophenyl phenyl ether	<10.		1	01/04/01	
Hexachlorobenzene	<10.		1	01/04/01	
Pentachlorophenol	<50.		1	01/04/01	
Phenanthrene	<10.		1	01/04/01	
Anthracene	<10.		1	01/04/01	
Di-n-butyl phthalate	<10.		1	01/04/01	
Fluoranthene	<10.		1	01/04/01	
Benzidine	<50.		1	01/04/01	
Pyrene	<10.		1	01/04/01	
Butyl benzyl phthalate	<10.		1	01/04/01	
3,3'-Dichlorobenzidine	<20.		1	01/04/01	
Benzo[a]anthracene	<10.		1	01/04/01	
Chrysene	<10.		1	01/04/01	
bis(2-Ethylhexyl)phthalate	<10.		1	01/04/01	
Di-n-octyl phthalate	<10.		1	01/04/01	
Benzo[b]fluoranthene	<10.		1	01/04/01	
Benzo[k]fluoranthene	<10.		1	01/04/01	
Benzo[a]pyrene	<10.		1	01/04/01	
Indeno[1,2,3-cd]pyrene	<10.		1	01/04/01	
Dibenz[a,h]anthracene	<10.		1	01/04/01	
Benzo[g,h,i]perylene	<10.		1	01/04/01	
2-Fluorophenol (surrogate)	73.%	65-103	1	01/04/01	
Phenol-d5 (surrogate)	76.%	60-117	1	01/04/01	
2,4,6-Tribromophenol (surrogate)	102.%	60-146	1	01/04/01	

- Outside control limits J-Estimated value
E - Concentration exceeded the calibration range and is estimated

Authorized: 
Date: January 5, 2001 Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 625

Client: O'Brien & Gere Inc. of North America
Project: Galaxy Spectron Superfund Site
Proj. Desc: Elkton, MD

Job No.: 3027.025.517
Certification MD No.: 239

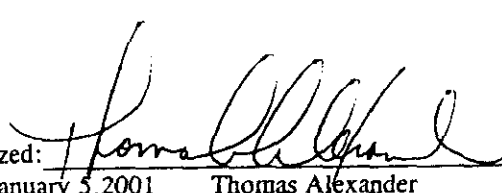
Sample: R7951
Samp. Description: Air Stripper Influent
Instrument: HP5972 GC/MS#6
Units: ug/L
Number of analytes: 63

Collected: 12/28/00
Received: 12/29/00
Prepared: 01/02/01
Matrix: Water
QC Batch: 010201W2
% Solids:
Sample Size: 1 L

Parameter	Result	Surrog Limits	Dilution	Analyzed	Notes
Nitrobenzene-d5 (surrogate)	85.%	50-132	1	01/04/01	
2-Fluorobiphenyl (surrogate)	70.%	45-120	1	01/04/01	
Terphenyl-d14 (surrogate)	87.%	37-151	1	01/04/01	

Notes:

- Outside control limits J-Estimated value
E - Concentration exceeded the calibration range and is estimated

Authorized: 
Date: January 5, 2001 Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 625

Client: O'Brien & Gere Inc. of North America
Project: Galaxy Spectron Superfund Site
Proj. Desc: Elkton, MD

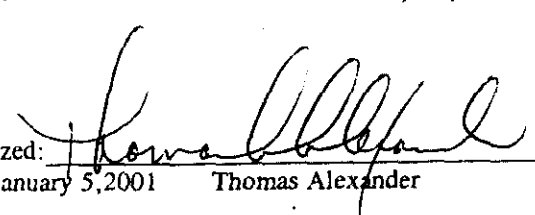
Job No.: 3027.025.517
Certification MD No.: 239

Sample: R7952
Samp. Description: Air Stripper Effluent
Instrument: HP5972 GC/MS#6
Units: ug/L
Number of analytes: 63

Collected: 12/28/00
Received: 12/29/00
Prepared: 01/02/01
Matrix: Water
QC Batch: 010201W2
% Solids:
Sample Size: 1 L

Parameter	Result	Surrog Limits	Dilution	Analyzed	Notes
N-Nitrosodimethylamine	<10.		1	01/04/01	
bis(2-Chloroethyl) ether	<10.		1	01/04/01	
Phenol	<10.		1	01/04/01	
2-Chlorophenol	<10.		1	01/04/01	
1,3-Dichlorobenzene	<10.		1	01/04/01	
1,4-Dichlorobenzene	<10.		1	01/04/01	
1,2-Dichlorobenzene	<10.		1	01/04/01	
bis(2-Chloroisopropyl) ether	<10.		1	01/04/01	
N-Nitroso-di-n-propylamine	<10.		1	01/04/01	
Hexachloroethane	<10.		1	01/04/01	
Nitrobenzene	<10.		1	01/04/01	
Isophorone	<10.		1	01/04/01	
2-Nitrophenol	<10.		1	01/04/01	
2,4-Dimethylphenol	<10.		1	01/04/01	
bis(2-Chloroethoxy) methane	<10.		1	01/04/01	
2,4-Dichlorophenol	<10.		1	01/04/01	
1,2,4-Trichlorobenzene	<10.		1	01/04/01	
Naphthalene	<10.		1	01/04/01	
Hexachlorobutadiene	<10.		1	01/04/01	
4-Chloro-3-methylphenol	<10.		1	01/04/01	
Hexachlorocyclopentadiene	<10.		1	01/04/01	
2,4,6-Trichlorophenol	<10.		1	01/04/01	
2-Chloronaphthalene	<10.		1	01/04/01	
Dimethyl phthalate	<10.		1	01/04/01	
Acenaphthylene	<10.		1	01/04/01	
2,6-Dinitrotoluene	<10.		1	01/04/01	
Acenaphthene	<10.		1	01/04/01	
2,4-Dinitrophenol	<50.		1	01/04/01	
4-Nitrophenol	<50.		1	01/04/01	

- Outside control limits J-Estimated value
E - Concentration exceeded the calibration range and is estimated

Authorized: 
Date: January 5, 2001 Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 625

Client: O'Brien & Gere Inc. of North America
Project: Galaxy Spectron Superfund Site
Proj. Desc: Elkton, MD

Job No.: 3027.025.517
Certification MD No.: 239

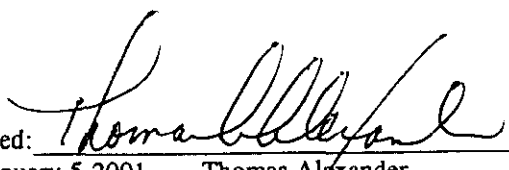
Sample: R7952
Samp. Description: Air Stripper Effluent
Instrument: HP5972 GC/MS#6
Units: ug/L
Number of analytes: 63

Collected: 12/28/00
Received: 12/29/00
Prepared: 01/02/01

Matrix: Water
QC Batch: 010201W2
% Solids:
Sample Size: 1 L

Parameter	Result	Surrog Limits	Dilution	Analyzed	Notes
2,4-Dinitrotoluene	<10.		1	01/04/01	
Diethyl phthalate	<10.		1	01/04/01	
Fluorene	<10.		1	01/04/01	
4-Chlorophenyl phenyl ether	<10.		1	01/04/01	
4,6-Dinitro-2-methylphenol	<50.		1	01/04/01	
N-Nitrosodiphenylamine	<10.		1	01/04/01	
1,2-Diphenylhydrazine	<10.		1	01/04/01	
4-Bromophenyl phenyl ether	<10.		1	01/04/01	
Hexachlorobenzene	<10.		1	01/04/01	
Pentachlorophenol	<50.		1	01/04/01	
Phenanthrene	<10.		1	01/04/01	
Anthracene	<10.		1	01/04/01	
Di-n-butyl phthalate	<10.		1	01/04/01	
Fluoranthene	<10.		1	01/04/01	
Benzidine	<50.		1	01/04/01	
Pyrene	<10.		1	01/04/01	
Butyl benzyl phthalate	<10.		1	01/04/01	
3,3'-Dichlorobenzidine	<20.		1	01/04/01	
Benzo[a]anthracene	<10.		1	01/04/01	
Chrysene	<10.		1	01/04/01	
bis(2-Ethylhexyl)phthalate	<10.		1	01/04/01	
Di-n-octyl phthalate	<10.		1	01/04/01	
Benzo[b]fluoranthene	<10.		1	01/04/01	
Benzo[k]fluoranthene	<10.		1	01/04/01	
Benzo[a]pyrene	<10.		1	01/04/01	
Indeno[1,2,3-cd]pyrene	<10.		1	01/04/01	
Dibenz[a,h]anthracene	<10.		1	01/04/01	
Benzo[g,h,i]perylene	<10.		1	01/04/01	
2-Fluorophenol (surrogate)	77.%	65-103	1	01/04/01	
Phenol-d5 (surrogate)	80.%	60-117	1	01/04/01	
2,4,6-Tribromophenol (surrogate)	104.%	60-146	1	01/04/01	

- Outside control limits J-Estimated value
E - Concentration exceeded the calibration range and is estimated

Authorized: 
Date: January 5, 2001 Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 625

Client: O'Brien & Gere Inc. of North America
Project: Galaxy Spectron Superfund Site
Proj. Desc: Elkton, MD

Job No.: 3027.025.517
Certification MD No.: 239

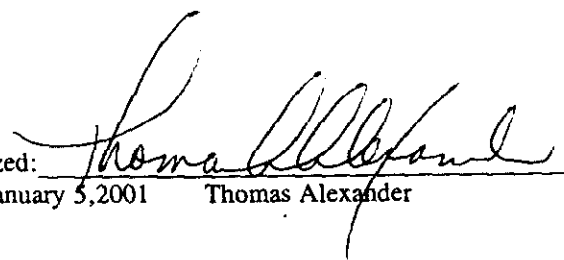
Sample: R7952
Samp. Description: Air Stripper Effluent
Instrument: HP5972 GC/MS#6
Units: ug/L
Number of analytes: 63

Collected: 12/28/00
Received: 12/29/00
Prepared: 01/02/01
Matrix: Water
QC Batch: 010201W2
%Solids:
Sample Size: 1 L

Parameter	Result	Surrog Limits	Dilution	Analyzed Notes
Nitrobenzene-d5 (surrogate)	90.%	50-132	1	01/04/01
2-Fluorobiphenyl (surrogate)	72.%	45-120	1	01/04/01
Terphenyl-d14 (surrogate)	83.%	37-151	1	01/04/01

Notes:

- Outside control limits J-Estimated value
E - Concentration exceeded the calibration range and is estimated

Authorized: 
Date: January 5, 2001 Thomas Alexander

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

AR301958

**FAX Cover Page****Pages 14****CONFIDENTIAL MATERIAL**

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**2425 New Holland Pike
Lancaster, PA 17605-2425**

**Phone: 717-856-2300
Fax: 717-856-2681**

Deliver to: Tom Komar

Company: 08490 327 320 Tom Komar O BRIEN & GERE OPERATIONS

Fax: 13154637554

From: Carrie A. Fleming Ext

Message:

AR301959

Page 1

***** Lancaster Laboratories Analytical Report *****
 2425 New Holland Pike, Lancaster, PA 17601

Sample Number: A03527779 Account: 08490 O BRIEN & GERE OPERATIONS INC
 Date Submitted: 12/30/00 Date Reported: NOT REP
 Date Collected: 12/29/00

Pact Reactor Summa Canister #0167 Air Sample
 60 min. 1 hours.
 Galaxy Spectron - Elkton, MD

ANALYSIS NAME	RESULT	LIMIT OF QUANTITATION	UNITS
5695 TO-14 Form 1			attached
7199 TO 14 VOA Extended List			
7202 Dichlorodifluoromethane	< 27.	27.	ug/m3
7204 Freon 114	< 38.	38.	ug/m3
7205 Chloromethane	< 11.	11.	ug/m3
7206 Vinyl Chloride	200.	14.	ug/m3
7208 Bromomethane	< 21.	21.	ug/m3
7209 Chloroethane	< 14.	14.	ug/m3
7212 Trichlorofluoromethane	< 30.	30.	ug/m3
7215 1,1-Dichloroethene	53.	21.	ug/m3
7216 Freon 113	330.	42.	ug/m3
7221 3-Chloropropene	< 17.	17.	ug/m3
7222 Methylene Chloride	130.	19.	ug/m3
7227 1,1-Dichloroethane	1,900.	22.	ug/m3
7230 cis-1,2-Dichloroethene	20,000.	430.	ug/m3
7234 Chloroform	33.	26.	ug/m3
7235 1,1,1-Trichloroethane	15,000.	590.	ug/m3
7236 Carbon Tetrachloride	< 34.	34.	ug/m3
7237 1,2-Dichloroethane	530.	22.	ug/m3
7238 Benzene	27.	17.	ug/m3
7200 TO 14 VOA Extended List cont.			
7241 Trichloroethene	230.	29.	ug/m3
7243 1,2-Dichloropropane	< 25.	25.	ug/m3
7248 cis-1,3-Dichloropropene	< 25.	25.	ug/m3
7250 Toluene	39.	21.	ug/m3
7252 trans-1,3-Dichloropropene	< 25.	25.	ug/m3
7254 1,1,2-Trichloroethane	< 29.	29.	ug/m3
7255 Tetrachloroethene	250.	37.	ug/m3
7258 1,2-Dibromoethane	< 42.	42.	ug/m3
7259 Chlorobenzene	< 25.	25.	ug/m3
7261 Ethylbenzene	< 24.	24.	ug/m3
7262 m/p-Xylene	< 24.	24.	ug/m3

AR301960

7263 o-Xylene < 24. 24. ug/m3
Page 2

***** Lancaster Laboratories Analytical Report *****
2425 New Holland Pike, Lancaster, PA 17601

Sample Number: AQ3527779 Account: 08490 O BRIEN & GERE OPERATIONS INC

7264	Styrene	< 23.	23.	ug/m3
7267	1,1,2,2-Tetrachloroethane	< 37.	37.	ug/m3
7270	4-Ethyltoluene	< 27.	27.	ug/m3
7271	1,3,5-Trimethylbenzene	< 27.	27.	ug/m3
7273	1,2,4-Trimethylbenzene	< 27.	27.	ug/m3
7274	1,3-Dichlorobenzene	< 33.	33.	ug/m3
7275	1,4-Dichlorobenzene	< 33.	33.	ug/m3
7276	Benzyl chloride	< 28.	28.	ug/m3
7277	1,2-Dichlorobenzene	< 33.	33.	ug/m3
7279	1,2,4-Trichlorobenzene	< 40.	40.	ug/m3
7280	Hexachlorobutadiene	< 58.	58.	ug/m3

VOLATILE ORGANICS IN AIR
SUMMA CANISTER SAMPLE
ANALYSIS DATA SHEET

Sample No.: PACT_1 Date Collected: 12/29/00 Date Received: 12/30/00
Lab Sample ID: 3527779 Date Analyzed: 01/04/01 Time Analyzed: 22:46
Canister ID: SUMMA0167 Pressure Rec'd: 11.7 psia Final Pressure: 23.3 psia
Injection Volume: 100 cc Nominal Volume: 250 cc Dilution Factor: 5.0
Instrument ID: HP4224 Lab File ID: C:\HPCHEM\1\DATA\JAN04\1301002.D

CAS RN	COMPOUND NAME	CONCENTRATION (ug/m3)	Q
75-71-8	Dichlorodifluoromethane	27	U
76-14-2	Freon 114	38	U
74-87-3	Chloromethane	11	U
75-01-4	Vinyl Chloride	200	D
74-83-9	Bromomethane	21	U
75-00-3	Chloroethane	14	U
75-69-4	Trichlorofluoromethane	30	U
75-35-4	1,1-Dichloroethene	53	D
76-13-1	Freon 113	330	D
107-05-1	3-Chloropropene	17	U
75-09-2	Methylene Chloride	130	D
75-34-3	1,1-Dichloroethane	1900	D
156-59-2	cis-1,2-Dichloroethene	20000	D
67-66-3	Chloroform	33	D
71-55-6	1,1,1-Trichloroethane	15000	D
56-23-5	Carbon Tetrachloride	34	U
107-06-2	1,2-Dichloroethane	530	D
71-43-2	Benzene	27	D
79-01-6	Trichloroethene	230	D
78-87-5	1,2-Dichloropropene	25	U
10061-01-5	cis-1,3-Dichloropropene	25	U
108-88-3	Toluene	39	D
10061-02-6	trans-1,3-Dichloropropene	25	U

AR301961

79-00-5 | 1,1,2-Trichloroethene | 29 | U |
Page 3

***** Lancaster Laboratories Analytical Report *****
2425 New Holland Pike, Lancaster, PA 17601

Sample Number: AQ3527779 Account: 08490 O BRIEN & GERE OPERATIONS INC

127-18-4	Tetrachloroethene	250	D
106-93-4	1,2-Dibromoethane	41	U
108-90-7	Chlorobenzene	25	U
100-41-4	Ethylbenzene	24	U
1330-20-7	m/p-Xylene	24	U
95-47-6	o-Xylene	24	U
100-42-5	Styrene	23	U
79-34-5	1,1,2,2-Tetrachloroethane	37	U
622-96-8	4-Ethyltoluene	27	U
108-67-8	1,3,5-Trimethylbenzene	27	U

U = Compound was undetected at the specified limit of quantitation.

B = Compound was found in method blank. D = analysis of diluted sample.

NOTE: Limits of quantitation were raised due to the high concentration of volatile organic compounds in this sample.

AR301962

Page 4

***** Lancaster Laboratories Analytical Report *****
 2425 New Holland Pike, Lancaster, PA 17601

Sample Number: A03527779 Account: 08490 O BRIEN & GERE OPERATIONS INC

VOLATILE ORGANICS IN AIR
 SUMMA CANISTER SAMPLE
 ANALYSIS DATA SHEET

Sample No.: PACT_1 Date Collected: 12/29/00 Date Received: 12/30/00
 Lab Sample ID: 3527779 Date Analyzed: 01/04/01 Time Analyzed: 22:46
 Canister ID: SUMMA0167 Pressure Rec'd: 11.7 psia Final Pressure: 23.3 psia
 Injection Volume: 100 cc Nominal Volume: 250 cc Dilution Factor: 5.0
 Instrument ID: HP4224 Lab File ID: C:\HPCHEM\1\DATA\JAN04\1301002.D

CAS RN	COMPOUND NAME	CONCENTRATION (ug/m3)	Q
95-63-6	1,2,4-Trimethylbenzene	27	U
541-73-1	1,3-Dichlorobenzene	33	U
106-46-7	1,4-Dichlorobenzene	33	U
100-44-7	Benzyl chloride	28	U
95-50-1	1,2-Dichlorobenzene	33	U
120-82-1	1,2,4-Trichlorobenzene	40	U
87-68-3	Hexachlorobutadiene	58	U

U = Compound was undetected at the specified limit of quantitation.

B = Compound was found in method blank. D = analysis of diluted sample.

NOTE: Limits of quantitation were raised due to the high concentration of volatile organic compounds in this sample.

Sample Number: A03527780 Account: 08490 O BRIEN & GERE OPERATIONS INC

Date Submitted: 12/30/00 Date Reported: NOT REP

Date Collected: 12/29/00

Pact Reactor Summa Canister #0195 Air Sample
 1080 min. 18 hours.
 Galaxy Spectron - Elkton, MD

ANALYSIS NAME	RESULT	LIMIT OF QUANTITATION	UNITS
5695 TO-14 Form 1			attached
7199 TO 14 VOA Extended List			
7202 Dichlorodifluoromethane	< 27.	27.	ug/m3
7204 Freon 114	< 38.	38.	ug/m3
7205 Chloromethane	< 11.	11.	ug/m3
7206 Vinyl Chloride	1,300.	14.	ug/m3
7208 Bromomethane	< 21.	21.	ug/m3
7209 Chloroethane	260.	14.	ug/m3

AR301963

7212 Trichlorofluoromethane 75. 30. ug/m3
Page 5

***** Lancaster Laboratories Analytical Report *****
2425 New Holland Pike, Lancaster, PA 17601

Sample Number: A03527780 Account: 08490 O BRIEN & GERE OPERATIONS INC

7215	1,1-Dichloroethene	250.	21.	ug/m3
7216	Freon 113	1,700.	42.	ug/m3
7221	3-Chloropropene	< 17.	17.	ug/m3
7222	Methylene Chloride	960.	19.	ug/m3
7227	1,1-Dichloroethane	8,500.	220.	ug/m3
7230	cis-1,2-Dichloroethane	< 21.	21.	ug/m3
7234	Chloroform	150.	26.	ug/m3
7235	1,1,1-Trichloroethane	15,000.	290.	ug/m3
7236	Carbon Tetrachloride	< 34.	34.	ug/m3
7237	1,2-Dichloroethane	1,800.	22.	ug/m3
7238	Benzene	130.	17.	ug/m3

=====

7200	TO 14 VOA Extended List cont.			
7241	Trichloroethene	920.	29.	ug/m3
7243	1,2-Dichloropropane	< 25.	25.	ug/m3
7248	cis-1,3-Dichloropropene	< 25.	25.	ug/m3
7250	Toluene	180.	21.	ug/m3
7252	trans-1,3-Dichloropropene	< 25.	25.	ug/m3
7254	1,1,2-Trichloroethane	< 29.	29.	ug/m3
7255	Tetrachloroethene	560.	37.	ug/m3
7258	1,2-Dibromoethane	< 42.	42.	ug/m3
7259	Chlorobenzene	50.	25.	ug/m3
7261	Ethylbenzene	< 24.	24.	ug/m3
7262	m/p-Xylene	31.	24.	ug/m3
7263	o-Xylene	< 24.	24.	ug/m3
7264	Styrene	< 23.	23.	ug/m3
7267	1,1,2,2-Tetrachloroethane	130.	37.	ug/m3
7270	4-Ethyltoluene	< 27.	27.	ug/m3
7271	1,3,5-Trimethylbenzene	< 27.	27.	ug/m3
7273	1,2,4-Trimethylbenzene	< 27.	27.	ug/m3
7274	1,3-Dichlorobenzene	< 33.	33.	ug/m3
7275	1,4-Dichlorobenzene	< 33.	33.	ug/m3
7276	Benzyl chloride	< 28.	28.	ug/m3
7277	1,2-Dichlorobenzene	< 33.	33.	ug/m3
7279	1,2,4-Trichlorobenzene	< 40.	40.	ug/m3
7280	Hexachlorobutadiene	< 58.	58.	ug/m3

=====

VOLATILE ORGANICS IN AIR
SUMMA CANISTER SAMPLE
ANALYSIS DATA SHEET

Sample No.: PACT_18	Date Collected: 12/29/00	Date Received: 12/30/00
Lab Sample ID: 3527780	Date Analyzed: 01/05/01	Time Analyzed: 00:59
Canister ID: SUMMA0195	Pressure Rec'd: 11.2 psia	Final Pressure: 22.4 psia
Injection Volume: 100 cc	Nominal Volume: 250 cc	Dilution Factor: 5.0
Instrument ID: HP4224	Lab File ID: C:\HPCHEM\1\DATA\JAN04\1601005.D	

AR301964

***** Lancaster Laboratories Analytical Report *****
 2425 New Holland Pike, Lancaster, PA 17601

Sample Number: AQ3527780 Account: 08490 O BRIEN & GERE OPERATIONS INC

CAS RN	COMPOUND NAME	CONCENTRATION (ug/m3)	Q
75-71-8	Dichlorodifluoromethane	27	U
76-14-2	Freon 114	38	U
74-87-3	Chloromethane	11	U
75-01-4	Vinyl Chloride	1300	D
74-83-9	Bromomethane	21	U
75-00-3	Chloroethane	260	D
75-69-4	Trichlorofluoromethane	75	D
75-35-4	1,1-Dichloroethene	250	D
76-13-1	Freon 113	1700	D
107-05-1	3-Chloropropene	17	U
75-09-2	Methylene Chloride	960	D
75-34-3	1,1-Dichloroethane	8500	D
156-59-2	cis-1,2-Dichloroethene	21000	E D
67-66-3	Chloroform	150	D
71-55-6	1,1,1-Trichloroethane	15000	D
56-23-5	Carbon Tetrachloride	34	U
107-06-2	1,2-Dichloroethane	1800	D
71-43-2	Benzene	130	D
79-01-6	Trichloroethene	920	D
78-87-5	1,2-Dichloropropene	25	U
10061-01-5	cis-1,3-Dichloropropene	25	U
100-88-3	Toluene	180	D
10061-02-6	trans-1,3-Dichloropropene	25	U
79-00-5	1,1,2-Trichloroethane	29	U
127-18-4	Tetrachloroethene	560	D
106-93-4	1,2-Dibromoethane	41	U
108-90-7	Chlorobenzene	50	D
100-41-4	Ethylbenzene	24	U
1330-20-7	m/p-Xylene	31	D
95-47-6	o-Xylene	24	U
100-42-5	Styrene	23	U
79-34-5	1,1,2,2-Tetrachloroethane	130	D
622-96-8	4-Ethyltoluene	27	U
108-67-8	1,3,5-Trimethylbenzene	27	U

U = Compound was undetected at the specified limit of quantitation.

B = Compound was found in method blank. D = analysis of diluted sample.

NOTE: Limits of quantitation were raised due to the high concentration of volatile organic compounds in this sample.

E = Estimated concentration: exceeds calibration range.

AR301965

Page 7

***** Lancaster Laboratories Analytical Report *****
 2425 New Holland Pike, Lancaster, PA 17601

Sample Number: AQ3527780 Account: 08490 O BRIEN & GERE OPERATIONS INC

VOLATILE ORGANICS IN AIR
 SUMMA CANISTER SAMPLE
 ANALYSIS DATA SHEET

Sample No.: PACT_18 Date Collected: 12/29/00 Date Received: 12/30/00
 Lab Sample ID: 3527780 Date Analyzed: 01/05/01 Time Analyzed: 00:59
 Canister ID: SUMMA0195 Pressure Rec'd: 11.2 psia Final Pressure: 22.4 psia
 Injection Volume: 100 cc Nominal Volume: 250 cc Dilution Factor: 5.0
 Instrument ID: HP4224 Lab File ID: C:\HPCHEM\1\DATA\JAN04\1601005.D

CAS RN	COMPOUND NAME	CONCENTRATION (ug/m3)	Q
95-63-6	1,2,4-Trimethylbenzene	27	U
541-73-1	1,3-Dichlorobenzene	33	U
106-46-7	1,4-Dichlorobenzene	33	U
100-44-7	Benzyl chloride	28	U
95-50-1	1,2-Dichlorobenzene	33	U
120-82-1	1,2,4-Trichlorobenzene	40	U
87-68-3	Hexachlorobutadiene	58	U

U = Compound was undetected at the specified limit of quantitation.
 B = Compound was found in method blank. D = analysis of diluted sample.
 NOTE: Limits of quantitation were raised due to the high concentration
 of volatile organic compounds in this sample.
 E = Estimated concentration: exceeds calibration range.

Sample Number: AQ3527781 Account: 08490 O BRIEN & GERE OPERATIONS INC
 Date Submitted: 12/30/00 Date Reported: NOT REP
 Date Collected: 12/29/00

Air Stripper Summa Canister #0158 Air Sample
 60 min. 1 hours.
 Galaxy Spectron - Elkton, MD

ANALYSIS NAME	RESULT	LIMIT OF QUANTITATION	UNITS
5695 TO-14 Form 1			attached
7199 TO 14 VOA Extended List			
7202 Dichlorodifluoromethane	1,500.	1,100.	ug/m3
7204 Freon 114	< 1,500.	1,500.	ug/m3
7205 Chloromethane	< 450.	450.	ug/m3
7206 Vinyl Chloride	110,000.	3,700.	ug/m3
7208 Bromomethane	< 840.	840.	ug/m3

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7209 Chloroethane 12,000. 570. ug/m3
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***** Lancaster Laboratories Analytical Report *****
2425 New Holland Pike, Lancaster, PA 17601

Sample Number: AQ3527781 Account: 08490 O BRIEN & GERE OPERATIONS INC

7212	Trichlorofluoromethane	9,000.	1,200.	ug/m3
7215	1,1-Dichloroethane	12,000.	860.	ug/m3
7216	Freon 113	380,000.	11,000.	ug/m3
7221	3-Chloropropene	< 680.	680.	ug/m3
7222	Methylene Chloride	49,000.	750.	ug/m3
7227	1,1-Dichloroethane	170,000.	5,800.	ug/m3
7230	cis-1,2-Dichloroethane	330,000.	5,700.	ug/m3
7234	Chloroform	1,900.	1,100.	ug/m3
7235	1,1,1-Trichloroethane	700,000.	7,800.	ug/m3
7236	Carbon Tetrachloride	< 1,400.	1,400.	ug/m3
7237	1,2-Dichloroethane	10,000.	880.	ug/m3
7238	Benzene	2,800.	700.	ug/m3

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7200	TO 14 VOA Extended List cont.			
7241	Trichloroethene	27,000.	1,200.	ug/m3
7243	1,2-Dichloropropene	< 1,000.	1,000.	ug/m3
7248	cis-1,3-Dichloropropene	< 980.	980.	ug/m3
7250	Toluene	5,700.	820.	ug/m3
7252	trans-1,3-Dichloropropene	< 980.	980.	ug/m3
7254	1,1,2-Trichloroethane	< 1,200.	1,200.	ug/m3
7255	Tetrachloroethene	30,000.	1,500.	ug/m3
7258	1,2-Dibromoethane	< 1,700.	1,700.	ug/m3
7259	Chlorobenzene	1,600.	1,000.	ug/m3
7261	Ethylbenzene	< 950.	950.	ug/m3
7262	m/p-Xylene	1,100.	950.	ug/m3
7263	o-Xylene	< 950.	950.	ug/m3
7264	Styrene	< 930.	930.	ug/m3
7267	1,1,2,2-Tetrachloroethane	< 1,500.	1,500.	ug/m3
7270	4-Ethyltoluene	< 1,100.	1,100.	ug/m3
7271	1,3,5-Trimethylbenzene	< 1,100.	1,100.	ug/m3
7273	1,2,4-Trimethylbenzene	< 1,100.	1,100.	ug/m3
7274	1,3-Dichlorobenzene	< 1,300.	1,300.	ug/m3
7275	1,4-Dichlorobenzene	< 1,300.	1,300.	ug/m3
7276	Benzyl chloride	< 1,100.	1,100.	ug/m3
7277	1,2-Dichlorobenzene	< 1,300.	1,300.	ug/m3
7279	1,2,4-Trichlorobenzene	< 1,600.	1,600.	ug/m3
7280	Hexachlorobutadiene	< 2,300.	2,300.	ug/m3

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VOLATILE ORGANICS IN AIR
SUMMA CANISTER SAMPLE
ANALYSIS DATA SHEET

Sample No.: STRP_1	Date Collected: 12/29/00	Date Received: 12/30/00
Lab Sample ID: 3527781	Date Analyzed: 01/05/01	Time Analyzed: 02:26
Canister ID: SUMMA0158	Pressure Rec'd: 11.7 psia	Final Pressure: 23.3 psia
Injection Volume: 500 cc	Nominal Volume: 250 cc	Dilution Factor: 200.0

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Instrument ID: HP4224

Lab File ID: C:\HPCHEM\1\DATA\JAN04\1801007.D

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***** Lancaster Laboratories Analytical Report *****
 2425 New Holland Pike, Lancaster, PA 17601

Sample Number: AQ3527781 Account: 08490 O BRIEN & GERE OPERATIONS INC

CAS RN	COMPOUND NAME	CONCENTRATION (ug/m3)	Q
75-71-8	Dichlorodifluoromethane	1500	D
76-14-2	Freon 114	1500	U
74-87-3	Chloromethane	450	U
75-01-4	Vinyl Chloride	110000	D
74-83-9	Bromomethane	840	U
75-00-3	Chloroethane	12000	D
75-69-4	Trichlorofluoromethane	9000	D
75-35-4	1,1-Dichloroethene	12000	D
76-13-1	Freon 113	380000	D
107-05-1	3-Chloropropene	680	U
75-09-2	Methylene Chloride	49000	D
75-34-3	1,1-Dichloroethane	170000	D
156-59-2	cis-1,2-Dichloroethene	330000	D
67-66-3	Chloroform	1900	D
71-55-6	1,1,1-Trichloroethane	700000	D
56-23-5	Carbon Tetrachloride	1400	U
107-06-2	1,2-Dichloroethane	10000	D
71-43-2	Benzene	2800	D
79-01-6	Trichloroethene	27000	D
78-87-5	1,2-Dichloropropene	1000	U
10061-01-5	cis-1,3-Dichloropropene	980	U
108-88-3	Toluene	5700	D
10061-02-6	trans-1,3-Dichloropropene	980	U
79-00-5	1,1,2-Trichloroethane	1200	U
127-18-4	Tetrachloroethene	30000	D
106-93-4	1,2-Dibromoethane	1700	U
108-90-7	Chlorobenzene	1600	D
100-41-4	Ethylbenzene	950	U
1330-20-7	m/p-Xylene	1100	D
95-47-6	o-Xylene	950	U
100-42-5	Styrene	930	U
79-34-5	1,1,2,2-Tetrachloroethane	1500	U
622-96-8	4-Ethyltoluene	1100	U
108-67-8	1,3,5-Trimethylbenzene	1100	U

U = Compound was undetected at the specified limit of quantitation.

B = Compound was found in method blank. D = analysis of diluted sample.

NOTE: Limits of quantitation were raised due to the high concentration of volatile organic compounds in this sample.

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***** Lancaster Laboratories Analytical Report *****
 2425 New Holland Pike, Lancaster, PA 17601

Sample Number: AQ3527781 Account: 08490 O BRIEN & GERE OPERATIONS INC

VOLATILE ORGANICS IN AIR
 SUMMA CANISTER SAMPLE
 ANALYSIS DATA SHEET

Sample No.: STRP_1 Date Collected: 12/29/00 Date Received: 12/30/00
 Lab Sample ID: 3527781 Date Analyzed: 01/05/01 Time Analyzed: 02:26
 Canister ID: SUMMA0158 Pressure Rec'd: 11.7 psia Final Pressure: 23.3 psia
 Injection Volume: 500 cc Nominal Volume: 250 cc Dilution Factor: 200.0
 Instrument ID: HP4224 Lab File ID: C:\HPCHEM\1\DATA\JAN04\1801007.D

CAS RN	COMPOUND NAME	CONCENTRATION (ug/m3)	Q
95-63-6	1,2,4-Trimethylbenzene	1100	U
541-73-1	1,3-Dichlorobenzene	1300	U
106-46-7	1,4-Dichlorobenzene	1300	U
100-44-7	Benzyl chloride	1100	U
95-50-1	1,2-Dichlorobenzene	1300	U
120-82-1	1,2,4-Trichlorobenzene	1600	U
87-68-3	Hexachlorobutadiene	2300	U

U = Compound was undetected at the specified limit of quantitation.

B = Compound was found in method blank. D = analysis of diluted sample.

NOTE: Limits of quantitation were raised due to the high concentration of volatile organic compounds in this sample.

Sample Number: AQ3527782 Account: 08490 O BRIEN & GERE OPERATIONS INC
 Date Submitted: 12/30/00 Date Reported: NOT REP
 Date Collected: 12/29/00

Air Stripper Summa Canister #0025 Air Sample
 1080 min. 18 hours.
 Galaxy Spectron - Elkton, MD

ANALYSTS NAME	RESULT	LIMIT OF QUANTITATION	UNITS
5695 TO-14 Form 1			attached
7199 TO 14 VOA Extended List			
7202 Dichlorodifluoromethane	950.	540.	ug/m3
7204 Freon 114	< 760.	760.	ug/m3
7205 Chloromethane	< 220.	220.	ug/m3
7206 Vinyl Chloride	59,000.	3,700.	ug/m3
7208 Bromomethane	< 420.	420.	ug/m3
7209 Chloroethane	8,000.	290.	ug/m3

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7212 Trichlorofluoromethene 6,700. 610. ug/m3

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***** Lancaster Laboratories Analytical Report *****
2425 New Holland Pike, Lancaster, PA 17601

Sample Number: A23527782 Account: 08490 O BRIEN & GERE OPERATIONS INC

7215	1,1-Dichloroethene	9,400.	430.	ug/m3
7216	Freon 113	250,000.	11,000.	ug/m3
7221	3-Chloropropene	< 340.	340.	ug/m3
7222	Methylene Chloride	24,000.	380.	ug/m3
7227	1,1-Dichloroethane	120,000.	5,800.	ug/m3
7230	cis-1,2-Dichloroethene	200,000.	5,700.	ug/m3
7234	Chloroform	1,200.	530.	ug/m3
7235	1,1,1-Trichloroethane	510,000.	7,800.	ug/m3
7236	Carbon Tetrachloride	< 680.	680.	ug/m3
7237	1,2-Dichloroethane	5,500.	440.	ug/m3
7238	Benzene	1,900.	350.	ug/m3

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7200	TO 14 VOA Extended List cont.			
7241	Trichloroethene	14,000.	580.	ug/m3
7243	1,2-Dichloropropane	< 500.	500.	ug/m3
7248	cis-1,3-Dichloropropene	< 490.	490.	ug/m3
7250	Toluene	1,700.	410.	ug/m3
7252	trans-1,3-Dichloropropene	< 490.	490.	ug/m3
7254	1,1,2-Trichloroethane	< 590.	590.	ug/m3
7255	Tetrachloroethene	8,000.	730.	ug/m3
7258	1,2-Dibromoethane	< 830.	830.	ug/m3
7259	Chlorobenzene	< 500.	500.	ug/m3
7261	Ethylbenzene	< 470.	470.	ug/m3
7262	m/p-Xylene	< 470.	470.	ug/m3
7263	o-Xylene	< 470.	470.	ug/m3
7264	Styrene	< 460.	460.	ug/m3
7267	1,1,2,2-Tetrachloroethane	< 740.	740.	ug/m3
7270	4-Ethyltoluene	< 540.	540.	ug/m3
7271	1,3,5-Trimethylbenzene	< 540.	540.	ug/m3
7273	1,2,4-Trimethylbenzene	< 540.	540.	ug/m3
7274	1,3-Dichlorobenzene	< 650.	650.	ug/m3
7275	1,4-Dichlorobenzene	< 650.	650.	ug/m3
7276	Benzyl chloride	< 560.	560.	ug/m3
7277	1,2-Dichlorobenzene	< 650.	650.	ug/m3
7279	1,2,4-Trichlorobenzene	< 800.	800.	ug/m3
7280	Hexachlorobutadiene	< 1,200.	1,200.	ug/m3

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VOLATILE ORGANICS IN AIR
SUMMA CANISTER SAMPLE
ANALYSIS DATA SHEET

Sample No.: STRIP_18	Date Collected: 12/29/00	Date Received: 12/30/00
Lab Sample ID: 3527782	Date Analyzed: 01/05/01	Time Analyzed: 03:51
Canister ID: SUMMA0025	Pressure Rec'd: 10.5 psia	Final Pressure: 21.0 psia
Injection Volume: 500 cc	Nominal Volume: 250 cc	Dilution Factor: 100.0
Instrument ID: HP4224	Lab File ID: C:\HPCHEM\1\DATA\JAN04\2001009.D	

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***** Lancaster Laboratories Analytical Report *****
 2425 New Holland Pike, Lancaster, PA 17601

Sample Number: AQ3527782 Account: 08490 O BRIEN & GERE OPERATIONS INC

CAS RN	COMPOUND NAME	CONCENTRATION (ug/m3)	Q
75-71-8	Dichlorodifluoromethane	950	D
76-14-2	Freon 114	760	U
74-87-3	Chloromethane	220	U
75-01-4	Vinyl Chloride	59000	D
74-83-9	Bromomethane	420	U
75-00-3	Chloroethane	8000	D
75-69-4	Trichlorofluoromethane	6700	D
75-35-4	1,1-Dichloroethene	9400	D
76-13-1	Freon 113	250000	D
107-05-1	3-Chloropropene	340	U
75-09-2	Methylene Chloride	24000	D
75-34-3	1,1-Dichloroethane	120000	D
156-59-2	cis-1,2-Dichloroethene	200000	D
67-66-3	Chloroform	1200	D
71-55-6	1,1,1-Trichloroethane	510000	D
56-23-5	Carbon Tetrachloride	680	U
107-06-2	1,2-Dichloroethane	5500	D
71-43-2	Benzene	1900	D
79-01-6	Trichloroethene	14000	D
78-87-5	1,2-Dichloropropene	500	U
10061-01-5	cis-1,3-Dichloropropene	490	U
100-80-3	Toluene	1700	D
10061-02-6	trans-1,3-Dichloropropene	490	U
79-00-5	1,1,2-Trichloroethane	590	U
127-18-4	Tetrachloroethene	8000	D
106-93-4	1,2-Dibromoethane	830	U
108-90-7	Chlorobenzene	500	U
100-41-4	Ethylbenzene	470	U
1330-20-7	m/p-Xylene	470	U
95-47-6	o-Xylene	470	U
100-42-5	Styrene	460	U
79-34-5	1,1,2,2-Tetrachloroethane	740	U
622-96-8	4-Ethyltoluene	540	U
108-67-8	1,3,5-Trimethylbenzene	540	U

U = Compound was undetected at the specified limit of quantitation.

B = Compound was found in method blank. D = analysis of diluted sample.

NOTE: Limits of quantitation were raised due to the high concentration of volatile organic compounds in this sample.

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***** Lancaster Laboratories Analytical Report *****
2425 New Holland Pike, Lancaster, PA 17601

Sample Number: AQ3527782 Account: 08490 O BRIEN & GERE OPERATIONS INC

VOLATILE ORGANICS IN AIR
SUMMA CANISTER SAMPLE
ANALYSIS DATA SHEET

Sample No.: STRIP_18 Date Collected: 12/29/00 Date Received: 12/30/00
Lab Sample ID: 3327782 Date Analyzed: 01/05/01 Time Analyzed: 03:51
Canister ID: SUMMA0025 Pressure Rec'd: 10.5 psia Final Pressure: 21.0 psia
Injection Volume: 500 cc Nominal Volume: 250 cc Dilution Factor: 100.0
Instrument ID: HP4224 Lab File ID: C:\HPCHEM\1\DATA\JAN04\2001009.D

CAS RN	COMPOUND NAME	CONCENTRATION (ug/m3)	Q
95-63-6	1,2,4-Trimethylbenzene	540	U
541-73-1	1,3-Dichlorobenzene	650	U
106-46-7	1,4-Dichlorobenzene	650	U
100-44-7	Benzyl chloride	560	U
95-50-1	1,2-Dichlorobenzene	650	U
120-82-1	1,2,4-Trichlorobenzene	800	U
87-68-3	Hexachlorobutadiene	1200	U

U = Compound was undetected at the specified limit of quantitation.

B = Compound was found in method blank. D = analysis of diluted sample.

NOTE: Limits of quantitation were raised due to the high concentration of volatile organic compounds in this sample.

AR301972