

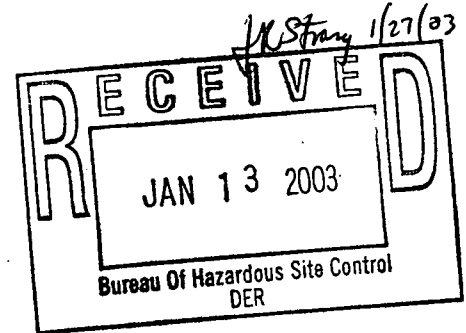
▽

de maximis, inc.

2975 Bee Ridge Road
Suite C
Sarasota, FL 34239
(941) 926-7929
Fax (941) 926-0829

January 9, 2003

Patricia Pierre
Central New York Remedial Section
New York Remediation Branch
Emergency and Remedial Response Division
U.S. Environmental Protection Agency, Region II
20th Floor, 290 Broadway
New York, New York 10007



Subject: Quarterly Progress Report - 4Q02 738001
Operations and Maintenance and Long Term-Monitoring Activities
PAS Site, Oswego, NY

Dear Ms. Pierre:

The January 2003 Quarterly Progress Report is submitted under Consent Decree 98-CV0112NPMGJD for operation, maintenance, and long-term monitoring activities at the PAS Site in Oswego, New York (Consent Decree) is attached. This attached Progress Report, which covers the period October through December 2002, conforms with requirements of Paragraph 30 of the Consent Decree, which was entered on August 10, 1998.

If you have any questions, please call me at (941) 926-7929.

Sincerely,
de maximis, inc.

Mark Valentine

cc: Performing Settling Defendants
 L. McDavid, USEPA
 G. Rider, NYSDEC, Division of Hazardous Waste Remediation
 R. Parker, NYSDEC, Region 7 Office
 D. Geraghty, NYDOH, Office of Public Health

Reviewed for
EPA 2nd Quarter
Annual Report. (53)

~~632270~~ JKS
11/27/03

QUARTERLY PROGRESS REPORT
Operation, Maintenance and Long-term Monitoring Activities

PROJECT NAME: *Pollution Abatement Services Site
Oswego, New York*

PERIOD COVERED: OCTOBER - DECEMBER 2002

ACTIONS TAKEN DURING PREVIOUS QUARTER (OCT - DEC 2002):

- Removal activities were conducted at the PAS Oswego Site in accordance with the Operation, Maintenance and Long-term Monitoring Activities Plan (BBL, 1998) (Work Plan). A total of 30,521 gallons of leachate was removed during the period October through December of 2002. Specific quantities of leachate removed during each month, along with removal dates and manifest numbers, are described in this progress report under the section entitled "Documentation of Removal Activities". Subsequent to each of these events, leachate and ground water was disposed of at the BFI/CECOS Niagara Falls, New York, disposal facility. Buffalo Fuels Corporation was the transportation subcontractor for OBG leachate removal activities.
- Routine ground-water elevation monitoring was performed on October 7 and 21, November 4, and 18, December 2 and 16, 2002.
- On November 4, 2002, quarterly ground-water elevation monitoring was also performed. Quarterly ground-water elevation results for the M-series and LR-series monitoring wells indicated upward vertical gradients calculated for the leachate collection well LCW-4 area were less than 1.5 feet per foot. Therefore leachate removal activities were conducted at LCW locations (including LCW-4) during the period October through December 2002, in accordance with the November 15, 1999 leachate removal protocol.
- The semi-annual ground water and leachate quality sampling was conducted on November 4, 2002. A summary of these sampling results, along with historical sampling results, is presented in Figure 1, as attached.
- Site maintenance activities were conducted on October 21, November 18, and December 16, 2002, which included inspection of spill control materials, perimeter fencing, and monitoring wells, as well as cleanup of the storage shed and clearing of any debris accumulated in the concrete surface drainage trenches. These maintenance activities were performed in accordance with the approved Work Plan.
- PSDs communicated with USEPA to determine the status of the USEPA response to the revised, site-specific, version of the Environmental Protection Easement and Restrictive Covenant document that the PSDs submitted to USEPA in September 2002.

ACTION ITEMS FOR FOLLOWING QUARTER (JAN - MAR 2003):

- OMM activities will be performed in January, February, and March 2003, in accordance with the approved Work Plan. The OMM activities include pumping 15,000 gallons of leachate during the first week of the month, or whatever volume can be efficiently removed during a one-day pumping event, up to 15,000 gallons. The ground-water slurry wall wells and leachate wells will be monitored during the beginning of the third week of the month. If leachate elevations measured during the third week indicate that an additional 10,000 gallons of removable leachate has accumulated in the collection trenches, then a contingency removal event will be promptly scheduled to remove the 10,000 gallons of additional leachate.
- Quarterly ground-water elevation monitoring will be conducted on February 3, 2003.
- Routine maintenance activities will be conducted, including inspection of spill control materials and perimeter fence. Snow removal will be performed on an as needed basis throughout the following quarter. These maintenance activities will be performed in accordance with the approved Work Plan.
- The PSDs are awaiting USEPA response to the revised Environmental Protection Easement and Restrictive Covenant document provided to USEPA by the PSDs in September 2002.

- The schedule for leachate removal events and tasks is provided below.

LEACHATE REMOVAL EVENTS AND TASK SCHEDULE (1st Quarter 2003)							
	January 2003 Removal Events		February 2003 Removal Events		March 2003 Removal Events		Task
	First Event	Contingency Event	First Event	Contingency Event	First Event	Contingency Event	
Pre-Pumping Monitoring	Jan 6	Jan 20	Feb 3	Feb 17	Mar 3	Mar 17	LCW- and SWW- Series Wells for Jan, Feb, Mar LCW-, SWW-, M-, and LR- Series Wells for Feb. (first event only).
Removal	Jan 8	Jan 22	Feb 5	Feb 19	Mar 5	Mar 19	Remove leachate from LCW-1, -2, -3, and -4 wells. (LCW-4 dependent on levels measured on Feb 3)

LEACHATE REMOVAL EVENTS AND TASK SCHEDULE (2nd Quarter 2003)							
	April 2003 Removal Events		May 2003 Removal Events		June 2003 Removal Events		Task
	First Event	Contingency Event	First Event	Contingency Event	First Event	Contingency Event	
Pre-Pumping Monitoring	Apr 7	Apr 21	May 5	May 19	Jun 2	Jun 16	LCW- and SWW- Series Wells for Apr, May, Jun. LCW-, SWW-, M-, and LR- Series Wells for May. (first event only).
Removal	Apr 9	Apr 23	May 7	May 21	Jun 4	Jun 18	Remove leachate from LCW-1, -2, -3, and -4 wells. (LCW-4 dependent on levels measured on May 5)

ANTICIPATED DELAYS/PROBLEMS:

- None

RESULTS OF FIELD ACTIVITIES:

- Ground-water elevation data collected on October 7 and 21, November 4 and 18, and December 2 and 16, 2002 are attached, along with SWW-series monitoring well charts for the last 12 months (See Attachment 1).
- The routine leachate disposal and site inspection checklists are attached (See Attachment 2).

- The November 2002 semi-annual sampling results are attached, along with Figure 1, Historical Concentrations of VOCs of Concern Detected in Consent Decree Wells (See Attachment 5).

DOCUMENTATION OF REMOVAL ACTIVITIES DURING PREVIOUS QUARTER:

- Hazardous Waste Manifests (See Attachment 3)
- Waste Treatment/Disposal Certifications (See Attachment 4)

OCTOBER 2002

October 9, 2002

Manifest #	Amount (gal)	Date Removed
NYG2534814	5,243	10/9/02
NYG2534823	5,157	10/9/02

October 9, 2002 Total 10,400 gallons

October 2002 Total = 10,400 gallons

NOVEMBER 2002

November 6, 2002

Manifest #	Amount (gal)	Date Removed
NYG2534841	5,257	11/6/02
NYG2534859	5,178	11/6/02

November 6, 2002 Total 10,435 gallons

November 2002 Total = 10,435 gallons

DECEMBER 2002

December 4, 2002

Manifest #	Amount (gal)	Date Removed
NYG2534832	5,083	12/4/01
NYG2534868	4,603	12/4/01

December 5, 2002 Total = 9,686 gallons

December 2002 Total = 9,686 gallons

• **CUMULATIVE REMOVAL QUANTITIES**

Cumulative gallons removed during quarter
under OMM Plan - *October through December 2002*

30,521

HISTORICAL SUMMARY OF LEACHATE REMOVAL ACTIVITIES

<i>Order/Decree</i>	<i>Disposal Facility/Period</i>	<i>Quantities</i>
1991 IGR Order (2/92 - 10/94)	<i>Dupont:</i> <i>1992 (2/98 -12/98)</i> <i>1993</i> <i>1994 (1/94-10/94)</i> <i>Subtotal</i>	221,808 337,619 <u>254,898</u> 814,325
1994 IGR Order (10/94 - 10/98)	<i>DuPont:</i> <i>1994 (From 10/94)</i> <i>1995</i> <i>1996 (To 5/96)</i> <i>Subtotal (To 5/96)</i> <i>BFI/CECOS:</i> <i>1996</i> <i>1997</i> <i>1998 (1/98-10/98)</i> <i>Subtotal</i> <i>94 IGR Order Total</i>	50,683 279,164 <u>119,901</u> 449,748 163,446 269,371 <u>207,541</u> 640,358 1,090,106
Final IGR Total		1,904,431
OMM Consent Decree (Beginning 11/98)	<i>BFI/CECOS:</i> <i>1998 (11/98-12/98)</i> <i>1999</i> <i>2000</i> <i>2001</i> <i>2002</i> <i>OMM Subtotal</i>	18,423 177,710 196,613 130,212 <u>118,592</u> 641,550
GRAND TOTAL		2,545,981

• **LEACHATE DISPOSAL DOCUMENTATION**

October 9, 2002

BFI/CECOS Work Order Number	Manifest #	Date Disposed
285362	NYG2534814	10/9/02
285363	NYG2534823	10/9/02

November 6, 2002

BFI/CECOS Work Order Number	Manifest #	Date Disposed
285465	NYG2534841	11/6/02
285466	NYG2534859	11/6/02

December 4, 2002

BFI/CECOS Work Order Number	Manifest #	Date Disposed
285525	NYG2534832	12/4/01
285524	NYG2534868	12/4/01

Note: "Gallons removed" is based upon BFI/CECOS measurement of the "loaded" and "tare" weights as measured at the Niagara Falls, New York facility and shown on the weight tickets included in Attachment 4, and a density of 8.346 pounds per gallon.

LR-6	NOV 1989	MAY 1990	NOV 1990	MAY 1991	NOV 1991	MAY 1992	NOV 1992	MAY 1993	NOV 1993	MAY 1994	NOV 1994	MAY 1995	NOV 1995	MAY 1996	NOV 1996	MAY 1997	NOV 1997	MAY 1998	NOV 1998	MAY 1999	NOV 1999	MAY 2000	NOV 2000	MAY 2001	NOV 2001	MAY 2002	NOV 2002
BENZENE	23	ND	13	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TOLUENE	23	23	13	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
ETHYLBENZENE	13	ND	13	0.33	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
XYLENES (TOTAL)	13	ND	33	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CHLOROBENZENE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-DICHLOROETHANE	48	67	49	34	33	14	12	8	10	8	73	13	7	8	5	4.23	6	3	9	2	4.2	ND	4.1	1.6	.163		

M-25	AUG 1994	MAY 1996	NOV 1996	MAY 1997	MAY 1998	NOV 1998	MAY 1999	NOV 1999	MAY 2000	NOV 2000	MAY 2001	NOV 2001	MAY 2002	NOV 2002
BENZENE	43	9	ND	12	6.6	5	10	6	8	6.1	0.99	0.72	0.73	.423
TOLUENE	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.95	.193	.183	.173	
ETHYLBENZENE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
XYLENES (TOTAL)	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.79	ND	ND	.123	
CHLOROBENZENE	13	33	ND	6	5.1	ND	6	33	6	4.8	1.1	2.1	2.1	1.6
1,1-DICHLOROETHANE	ND	23	43	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	

M-26	AUG 1994	MAY 1996	NOV 1996	MAY 1997	MAY 1998	NOV 1998	MAY 1999	NOV 1999	MAY 2000	NOV 2000	MAY 2001	NOV 2001	MAY 2002	NOV 2002
BENZENE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TOLUENE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
ETHYLBENZENE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
XYLENES (TOTAL)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CHLOROBENZENE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-DICHLOROETHANE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

M-21	OCT 1991	OCT 1991(R)	NOV 1991	AUG 1994	MAY 1996	NOV 1996	MAY 1997	MAY 1998	NOV 1998	MAY 1999	NOV 1999	MAY 2000	NOV 2000	MAY 2001	NOV 2001	MAY 2002	NOV 2002
BENZENE	39	36	100	73	5	7	9	8.1	10	27	19	21	26	14	18	13	
TOLUENE	53	33	103	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	.363	.483	.343	
ETHYLBENZENE	59	57	180	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
XYLENES (TOTAL)	250	240	670	30	ND	0.63	13	.63	ND	13	ND	ND	ND	.473	0.91	.303	.333
CHLOROBENZENE	12	12	34	33	23	23	43	3.43	33	9	6	8	9.8	4.2	6.1	6.5	4.3
1,1-DICHLOROETHANE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.3	.193	.323

LR-8	NOV 1989	MAY 1990	NOV 1990	MAY 1991	NOV 1991	MAY 1992	NOV 1992	MAY 1993	NOV 1993	MAY 1994	AUG 1994	AUG 1994(R)	NOV 1994	MAY 1995	NOV 1995	MAY 1996	NOV 1996	MAY 1997	NOV 1997	MAY 1998	NOV 1998	MAY 1999	NOV 1999	MAY 2000	NOV 2000	MAY 2001	NOV 2001	MAY 2002	NOV 2002
BENZENE	100	32	55	67	84	82	82	84	45	36	46	51	48	42	29	203	22	33	30	23	29	34	22	33	21	21	8.8	14	
TOLUENE	12	11	138	93	33	183	23	7	0.63	0.73	ND	ND	ND	ND	ND	ND	0.53	ND	ND	ND	ND	ND	ND	0.353	0.413	.253	.353		
ETHYLBENZENE	150	69	93	110	55	24	26	87	23	0.83	ND	ND	3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
XYLENES (TOTAL)	380	200	310	370	190D	270D	370	390D	120	54	87	96	97	29	13	ND	23	33	1.43	ND	13	ND	ND	1.1	0.96	1.2	.183	1.2	
CHLOROBENZENE	23	7	13	16	18	22	23	22B	10	20	83	83	10	9	9	5	5	6	6.4	6	7	8	7	8.2	7.3	6.3	6.5	4.9	
1,1-DICHLOROETHANE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.9	.153	.103	ND	

EXPLANATION

- LR-6 LOCATION AND DESIGNATION OF EXISTING BEDROCK MONITORING WELL
- OD-1 LOCATION AND DESIGNATION OF ABANDONED BEDROCK MONITORING WELL
- FENCE (SITE BOUNDARY)
- - - SLURRY WALL
- ▲ LAND AREAS SUBJECT TO FREQUENT, SHALLOW INUNDATION

DESIGNATION OF SAMPLING LOCATION

DATE OF SAMPLING EVENT R=REPLICATE

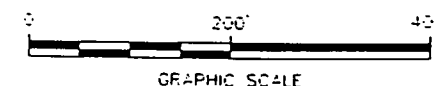
M-25	AUG 1994	MAY 1996	NOV 1996	MAY 1997
BENZENE	43	9	ND	12
TOLUENE	ND	ND	ND	ND
ETHYLBENZENE	ND	ND	ND	ND
XYLENES (TOTAL)	ND	ND	ND	ND
CHLOROBENZENE	13	33	ND	6
1,1-DICHLOROETHANE	ND	23	43	ND

CONCENTRATION OF VOC DETECTED IN BEDROCK GROUND WATER, MEASURED IN ug/L

- ND - NOT DETECTED
- J - ESTIMATED CONCENTRATION (LESS THAN SAMPLE QUANTITATION LIMIT)
- D - CONCENTRATION CALCULATED FROM SECONDARY DILUTION
- B - COMPOUND DETECTED IN QUALITY CONTROL BLANKS

NOTES:

- BASE MAP ADAPTED FROM TOPOGRAPHIC MAP DEVELOPED BY LOCKWOOD MAPPING, INC. BASED ON AN APRIL 14, 1993 AERIAL PHOTOGRAPH; SOME WELL AND STREAM-GAUGE LOCATIONS ARE INFERRED; LOCATION OF SLURRY WALL BASED ON SITE PLAN DRAWN BY DUNN GEOSCIENCE CORP., INC. (DEC. 1994), TITLED "BORING, WELL & TEST PIT PLOT PLAN."
- ANALYTICAL DATA PRIOR TO AUGUST 1994 OBTAINED FROM GOLDER ASSOCIATES, INC. (1993a) AND URS COMPANY, INC. (1994)
- FIGURE PROVIDED BY ROUX ASSOCIATES, INC. (PROJECT NO. 32702M06, FILE D0610002, DATED 3/98) AND PREVIOUSLY PRESENTED IN "REVIEW OF INTERIM GROUNDWATER REMOVAL AND LONG-TERM MONITORING PROGRAM DATA FOR PAS SITE" (MARCH 1998).



POLLUTION ABATEMENT SERVICES SITE
OSWEGO, NEW YORK
OPERATION AND MAINTENANCE AND
LONG-TERM MONITORING PLAN

HISTORICAL CONCENTRATIONS OF VOCs
OF CONCERN DETECTED IN CONSENT
DECREE WELLS (1989-2001)

O'BRIEN & GERE
ENGINEERS INC.

FIGURE
1

Analytical Results

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8260

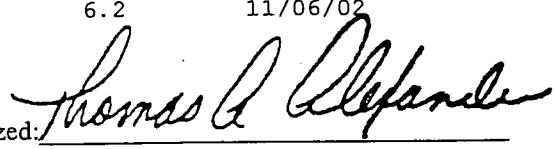
Client: O'Brien & Gere Inc. of North America
Project: PAS Site - Oswego, NY
Proj. Desc:
Package#: 3762
Sample: Y0583
Sample Description: LCW 2
Instrument: HP5973 GCMS#3
Units: ug/L
Number of analytes: 48

Job No.: 3027.333.32301
Certification NY No.: 10155

Collected: 11/04/02 Matrix: Water
Received: 11/04/02 QC Batch: 110602W1
Prepared: 11/06/02 %Solids:
Sample Size: 10 mL
Dilution: 12.5

Parameter	Result	Qual	MDL	PQL	Analyzed Notes
Dichlorodifluoromethane	<12.	U	.42	12	11/06/02
Chloromethane	<12.	U	.76	12	11/06/02
Vinyl chloride	56.		.72	12	11/06/02
Bromomethane	<12.	U	.54	12	11/06/02
Chloroethane	63.		1.4	12	11/06/02
Trichlorofluoromethane	<12.	U	.29	12	11/06/02
Acetone	J 87.	J	9.8	120	11/06/02
1,1-Dichloroethene	<6.2	U	.36	6.2	11/06/02
Methylene chloride	J 4.7	J	2.3	25	11/06/02
Carbon disulfide	<6.2	U	.50	6.2	11/06/02
trans-1,2-Dichloroethene	J 4.6	J	.58	6.2	11/06/02
Methyl tert-butyl ether	<6.2	U	.78	6.2	11/06/02
1,1-Dichloroethane	85.		.32	6.2	11/06/02
2-Butanone	J 20.	J	3.4	120	11/06/02
cis-1,2-Dichloroethene	87.		.68	6.2	11/06/02
Chloroform	J 2.4	J	.50	6.2	11/06/02
1,2-Dichloroethane	9.5		.28	6.2	11/06/02
1,1,1-Trichloroethane	6.3		.39	6.2	11/06/02
Carbon tetrachloride	<6.2	U	.26	6.2	11/06/02
Benzene	410.		.39	6.2	11/06/02
1,2-Dichloropropane	<6.2	U	.48	6.2	11/06/02
Trichloroethene	<6.2	U	.52	6.2	11/06/02
Bromodichloromethane	<6.2	U	.26	6.2	11/06/02
cis-1,3-Dichloropropene	<6.2	U	.51	6.2	11/06/02
4-Methyl-2-pentanone	J 62.	J	4.4	62	11/06/02
trans-1,3-Dichloropropene	<6.2	U	.80	6.2	11/06/02
1,1,2-Trichloroethane	<6.2	U	.90	6.2	11/06/02
Toluene	540.		E .61	6.2	11/06/02
Dibromochloromethane	<6.2	U	.66	6.2	11/06/02
2-Hexanone	<62.	U	4.4	62	11/06/02
1,2-Dibromoethane	<6.2	U	.72	6.2	11/06/02
Tetrachloroethene	<6.2	U	.49	6.2	11/06/02
Chlorobenzene	370.		.35	6.2	11/06/02
Ethylbenzene	1000.		E .45	6.2	11/06/02
Bromoform	<6.2	U	.85	6.2	11/06/02

B - Analyte detected above the PQL in the associated Prep Blank.
- Outside control limits U - Undetected at the reported level.
J - reported value is estimated. D - Result is diluted.
E - concentration exceeded the calibration range and is estimated.

Authorized: 
Date: November 21, 2002 Thomas Alexander

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

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8260

Client: O'Brien & Gere Inc. of North America
Project: PAS Site - Oswego, NY
Proj. Desc:
Package#: 3762
Sample: Y0583
Sample Description: LCW 2
Instrument: HP5973 GCMS#3
Units: ug/L
Number of analytes: 48

Job No.: 3027.333.32301
Certification NY No.: 10155

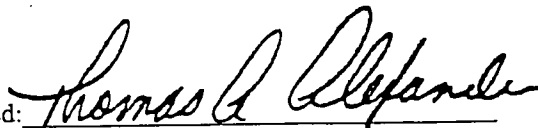
Collected: 11/04/02 Matrix: Water
Received: 11/04/02 QC Batch: 110602W1
Prepared: 11/06/02 %Solids:
Sample Size: 10 mL
Dilution: 12.5

Parameter	Result	Qual	MDL	PQL	Analyzed Notes
Xylene (total)	2200.	E	.61	6.2	11/06/02
Styrene	<6.2	U	.45	6.2	11/06/02
1,1,2,2-Tetrachloroethane	<6.2	U	1.5	6.2	11/06/02
Isopropylbenzene	J 4.7	J	.94	6.2	11/06/02
1,3-Dichlorobenzene	J 2.1	J	.48	6.2	11/06/02
1,4-Dichlorobenzene	7.4		.49	6.2	11/06/02
1,2-Dichlorobenzene	86.		.60	6.2	11/06/02
1,2-Dibromo-3-chloropropane	<12.	U	8.6	12	11/06/02
1,2,4-Trichlorobenzene	<12.	U	.62	12	11/06/02
1,1,2-Trichloro-1,2,2-trifluoroethane	J 3.7	J	.31	6.2	11/06/02
Methyl acetate	<6.2	U	2.7	6.2	11/06/02
Cyclohexane	7.6		.70	6.2	11/06/02
Methylcyclohexane	J 2.4	J	1.1	6.2	11/06/02

Surrogate	%R	Qual	%R Limits
Dibromofluoromethane (surrogate)	104		71-130
1,2-Dichloroethane-d4 (surrogate)	110		76-126
Toluene-d8 (surrogate)	95		82-119
Bromofluorobenzene (surrogate)	105		75-119

Notes:

B - Analyte detected above the PQL in the associated Prep Blank.
- Outside control limits U - Undetected at the reported level.
J - reported value is estimated. D - Result is diluted.
E - concentration exceeded the calibration range and is estimated.

Authorized: 
Date: November 21, 2002 Thomas Alexander

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

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8260

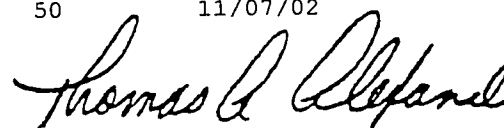
Client: O'Brien & Gere Inc. of North America
Project: PAS Site - Oswego, NY
Proj. Desc:
Package#: 3762
Sample: Y0583 DL
Sample Description: LCW 2
Instrument: HP5973 GCMS#3
Units: ug/L
Number of analytes: 48

Job No.: 3027.333.32301
Certification NY No.: 10155

Collected: 11/04/02 Matrix: Water
Received: 11/04/02 QC Batch: 110702W7
Prepared: 11/07/02 %Solids:
Sample Size: 10 mL
Dilution: 100

Parameter	Result	Qual	MDL	PQL	Analyzed Notes
Dichlorodifluoromethane	<100.	U	3.4	100	11/07/02
Chloromethane	<100.	U	6.1	100	11/07/02
Vinyl chloride	J 52.	J D	5.8	100	11/07/02
Bromomethane	<100.	U	4.3	100	11/07/02
Chloroethane	J 60.	J D	11.	100	11/07/02
Trichlorofluoromethane	<100.	U	2.3	100	11/07/02
Acetone	<1000.	U	78.	1000	11/07/02
1,1-Dichloroethene	<50.	U	2.9	50	11/07/02
Methylene chloride	<200.	U	18.	200	11/07/02
Carbon disulfide	<50.	U	4.0	50	11/07/02
trans-1,2-Dichloroethene	<50.	U	4.6	50	11/07/02
Methyl tert-butyl ether	<50.	U	6.2	50	11/07/02
1,1-Dichloroethane	81.	D	2.6	50	11/07/02
2-Butanone	<1000.	U	27.	1000	11/07/02
cis-1,2-Dichloroethene	73.	D	5.4	50	11/07/02
Chloroform	<50.	U	4.0	50	11/07/02
1,2-Dichloroethane	<50.	U	2.2	50	11/07/02
1,1,1-Trichloroethane	<50.	U	3.1	50	11/07/02
Carbon tetrachloride	<50.	U	2.1	50	11/07/02
Benzene	410.	D	3.1	50	11/07/02
1,2-Dichloropropane	<50.	U	3.8	50	11/07/02
Trichloroethene	<50.	U	4.2	50	11/07/02
Bromodichloromethane	<50.	U	2.1	50	11/07/02
cis-1,3-Dichloropropene	<50.	U	4.1	50	11/07/02
4-Methyl-2-pentanone	<500.	U	35.	500	11/07/02
trans-1,3-Dichloropropene	<50.	U	6.4	50	11/07/02
1,1,2-Trichloroethane	<50.	U	7.2	50	11/07/02
Toluene	570.	D	4.9	50	11/07/02
Dibromochloromethane	<50.	U	5.3	50	11/07/02
2-Hexanone	<500.	U	35.	500	11/07/02
1,2-Dibromoethane	<50.	U	5.8	50	11/07/02
Tetrachloroethene	<50.	U	3.9	50	11/07/02
Chlorobenzene	370.	D	2.8	50	11/07/02
Ethylbenzene	1100.	D	3.6	50	11/07/02
Bromoform	<50.	U	6.8	50	11/07/02

B - Analyte detected above the PQL in the associated Prep Blank.
- Outside control limits U - Undetected at the reported level.
J - reported value is estimated. D - Result is diluted.
E - concentration exceeded the calibration range and is estimated.

Authorized: 
Date: November 21, 2002 Thomas Alexander

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

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8260

Client: O'Brien & Gere Inc. of North America
Project: PAS Site - Oswego, NY
Proj. Desc:
Package#: 3762
Sample: Y0583 DL
Sample Description: LCW 2
Instrument: HP5973 GCMS#3
Units: ug/L
Number of analytes: 48

Job No.: 3027.333.32301
Certification NY No.: 10155

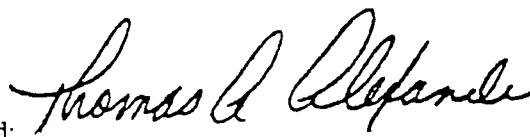
Collected: 11/04/02 Matrix: Water
Received: 11/04/02 QC Batch: 110702W7
Prepared: 11/07/02 %Solids:
Sample Size: 10 mL
Dilution: 100

Parameter	Result	Qual	MDL	PQL	Analyzed Notes
Xylene (total)	2100.	D	4.9	50	11/07/02
Styrene	<50.	U	3.6	50	11/07/02
1,1,2,2-Tetrachloroethane	<50.	U	12.	50	11/07/02
Isopropylbenzene	<50.	U	7.5	50	11/07/02
1,3-Dichlorobenzene	<50.	U	3.8	50	11/07/02
1,4-Dichlorobenzene	<50.	U	3.9	50	11/07/02
1,2-Dichlorobenzene	83.	D	4.8	50	11/07/02
1,2-Dibromo-3-chloropropane	<100.	U	69.	100	11/07/02
1,2,4-Trichlorobenzene	<100.	U	5.0	100	11/07/02
1,1,2-Trichloro-1,2,2-trifluoroethane	<50.	U	2.5	50	11/07/02
Methyl acetate	<50.	U	22.	50	11/07/02
Cyclohexane	<50.	U	5.6	50	11/07/02
Methylcyclohexane	<50.	U	8.5	50	11/07/02

Surrogate	%R	Qual	%R Limits
Dibromofluoromethane (surrogate)	96		71-130
1,2-Dichloroethane-d4 (surrogate)	105		76-126
Toluene-d8 (surrogate)	103		82-119
Bromofluorobenzene (surrogate)	98		75-119

Notes:

B - Analyte detected above the PQL in the associated Prep Blank.
- Outside control limits U - Undetected at the reported level.
J - reported value is estimated. D - Result is diluted.
E - concentration exceeded the calibration range and is estimated.

Authorized: 
Date: November 21, 2002 Thomas Alexander

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

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8260

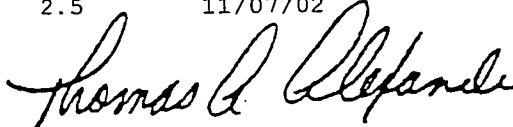
Client: O'Brien & Gere Inc. of North America
Project: PAS Site - Oswego, NY
Proj. Desc:
Package#: 3762
Sample: Y0584
Sample Description: LCW 4
Instrument: HP5973 GCMS#3
Units: ug/L
Number of analytes: 48

Job No.: 3027.333.32301
Certification NY No.: 10155

Collected: 11/04/02 Matrix: Water
Received: 11/04/02 QC Batch: 110702W7
Prepared: 11/07/02 %Solids:
Sample Size: 10 mL
Dilution: 5

Parameter	Result	Qual	MDL	PQL	Analyzed Notes
Dichlorodifluoromethane	<5.0	U	.17	5	11/07/02
Chloromethane	<5.0	U	.30	5	11/07/02
Vinyl chloride	35.		.29	5	11/07/02
Bromomethane	<5.0	U	.22	5	11/07/02
Chloroethane	J 5.0	J	.55	5	11/07/02
Trichlorofluoromethane	<5.0	U	.12	5	11/07/02
Acetone	<50.	U	3.9	50	11/07/02
1,1-Dichloroethene	J 1.7	J	.14	2.5	11/07/02
Methylene chloride	J 1.4	J	.92	10	11/07/02
Carbon disulfide	<2.5	U	.20	2.5	11/07/02
trans-1,2-Dichloroethene	J 1.3	J	.23	2.5	11/07/02
Methyl tert-butyl ether	<2.5	U	.31	2.5	11/07/02
1,1-Dichloroethane	61.		.13	2.5	11/07/02
2-Butanone	<50.	U	1.4	50	11/07/02
cis-1,2-Dichloroethene	33.		.27	2.5	11/07/02
Chloroform	9.4		.20	2.5	11/07/02
1,2-Dichloroethane	2.7		.11	2.5	11/07/02
1,1,1-Trichloroethane	58.		.16	2.5	11/07/02
Carbon tetrachloride	<2.5	U	.10	2.5	11/07/02
Benzene	160.		.16	2.5	11/07/02
1,2-Dichloropropane	<2.5	U	.19	2.5	11/07/02
Trichloroethene	150.		.21	2.5	11/07/02
Bromodichloromethane	<2.5	U	.10	2.5	11/07/02
cis-1,3-Dichloropropene	<2.5	U	.20	2.5	11/07/02
4-Methyl-2-pentanone	<25.	U	1.8	25	11/07/02
trans-1,3-Dichloropropene	<2.5	U	.32	2.5	11/07/02
1,1,2-Trichloroethane	J 1.8	J	.36	2.5	11/07/02
Toluene	J 1.9	J	.24	2.5	11/07/02
Dibromochloromethane	<2.5	U	.26	2.5	11/07/02
2-Hexanone	<25.	U	1.8	25	11/07/02
1,2-Dibromoethane	<2.5	U	.29	2.5	11/07/02
Tetrachloroethene	110.		.20	2.5	11/07/02
Chlorobenzene	38.		.14	2.5	11/07/02
Ethylbenzene	68.		.18	2.5	11/07/02
Bromoform	<2.5	U	.34	2.5	11/07/02

B - Analyte detected above the PQL in the associated Prep Blank.
- Outside control limits U - Undetected at the reported level.
J - reported value is estimated. D - Result is diluted.
E - concentration exceeded the calibration range and is estimated.

Authorized: 
Date: November 21, 2002 Thomas Alexander

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

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8260

Client: O'Brien & Gere Inc. of North America
Project: PAS Site - Oswego, NY
Proj. Desc:
Package#: 3762
Sample: Y0584
Sample Description: LCW 4
Instrument: HP5973 GCMS#3
Units: ug/L
Number of analytes: 48

Job No.: 3027.333.32301
Certification NY No.: 10155

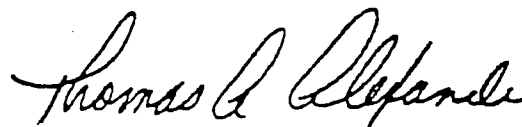
Collected: 11/04/02 Matrix: Water
Received: 11/04/02 QC Batch: 110702W7
Prepared: 11/07/02 %Solids:
Sample Size: 10 mL
Dilution: 5

Parameter	Result	Qual	MDL	PQL	Analyzed Notes
Xylene (total)	15.		.24	2.5	11/07/02
Styrene	<2.5	U	.18	2.5	11/07/02
1,1,2,2-Tetrachloroethane	8.0		.61	2.5	11/07/02
Isopropylbenzene	3.5		.38	2.5	11/07/02
1,3-Dichlorobenzene	<2.5	U	.19	2.5	11/07/02
1,4-Dichlorobenzene	J .59	J	.20	2.5	11/07/02
1,2-Dichlorobenzene	2.8		.24	2.5	11/07/02
1,2-Dibromo-3-chloropropane	<5.0	U	.34	5	11/07/02
1,2,4-Trichlorobenzene	<5.0	U	.25	5	11/07/02
1,1,2-Trichloro-1,2,2-trifluoroethane	J 2.0	J	.12	2.5	11/07/02
Methyl acetate	<2.5	U	1.1	2.5	11/07/02
Cyclohexane	J .88	J	.28	2.5	11/07/02
Methylcyclohexane	J 1.4	J	.42	2.5	11/07/02

Surrogate	%R	Qual	%R Limits
Dibromofluoromethane (surrogate)	95		71-130
1,2-Dichloroethane-d4 (surrogate)	103		76-126
Toluene-d8 (surrogate)	111		82-119
Bromofluorobenzene (surrogate)	99		75-119

Notes:

B - Analyte detected above the PQL in the associated Prep Blank.
- Outside control limits U - Undetected at the reported level.
J - reported value is estimated. D - Result is diluted.
E - concentration exceeded the calibration range and is estimated.

Authorized: 
Date: November 21, 2002 Thomas Alexander

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

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8260

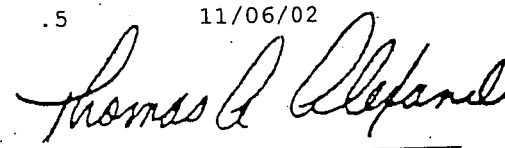
Client: O'Brien & Gere Inc. of North America
Project: PAS Site - Oswego, NY
Proj. Desc:
Package#: 3762
Sample: Y0585
Sample Description: LR-6
Instrument: HP5973 GCMS#3
Units: ug/L
Number of analytes: 48

Job No.: 3027.333.32301
Certification NY No.: 10155

Collected: 11/04/02 Matrix: Water
Received: 11/04/02 QC Batch: 110602W1
Prepared: 11/06/02 %Solids:
Sample Size: 10 mL
Dilution: 1

Parameter	Result	Qual	MDL	PQL	Analyzed Notes
Dichlorodifluoromethane	<1.0	U	.034	1	11/06/02
Chloromethane	<1.0	U	.061	1	11/06/02
Vinyl chloride	J .85	J	.058	1	11/06/02
Bromomethane	<1.0	U	.043	1	11/06/02
Chloroethane	J .88	J	.11	1	11/06/02
Trichlorofluoromethane	<1.0	U	.023	1	11/06/02
Acetone	<10.	U	.78	10	11/06/02
1,1-Dichloroethene	<.50	U	.029	.5	11/06/02
Methylene chloride	<2.0	U	.18	2	11/06/02
Carbon disulfide	<.50	U	.040	.5	11/06/02
trans-1,2-Dichloroethene	<.50	U	.046	.5	11/06/02
Methyl tert-butyl ether	<.50	U	.062	.5	11/06/02
1,1-Dichloroethane	3.3		.026	.5	11/06/02
2-Butanone	<10.	U	.27	10	11/06/02
cis-1,2-Dichloroethene	J .14	J	.054	.5	11/06/02
Chloroform	<.50	U	.040	.5	11/06/02
1,2-Dichloroethane	J .16	J	.022	.5	11/06/02
1,1,1-Trichloroethane	<.50	U	.031	.5	11/06/02
Carbon tetrachloride	<.50	U	.021	.5	11/06/02
Benzene	<.50	U	.031	.5	11/06/02
1,2-Dichloropropane	<.50	U	.038	.5	11/06/02
Trichloroethene	J .25	J	.042	.5	11/06/02
Bromodichloromethane	<.50	U	.021	.5	11/06/02
cis-1,3-Dichloropropene	<.50	U	.041	.5	11/06/02
4-Methyl-2-pentanone	<5.0	U	.35	5	11/06/02
trans-1,3-Dichloropropene	<.50	U	.064	.5	11/06/02
1,1,2-Trichloroethane	<.50	U	.072	.5	11/06/02
Toluene	<.50	U	.049	.5	11/06/02
Dibromochloromethane	<.50	U	.053	.5	11/06/02
2-Hexanone	<5.0	U	.35	5	11/06/02
1,2-Dibromoethane	<.50	U	.058	.5	11/06/02
Tetrachloroethene	<.50	U	.039	.5	11/06/02
Chlorobenzene	<.50	U	.028	.5	11/06/02
Ethylbenzene	<.50	U	.036	.5	11/06/02
Bromoform	<.50	U	.068	.5	11/06/02

B - Analyte detected above the PQL in the associated Prep Blank.
- Outside control limits U - Undetected at the reported level.
J - reported value is estimated. D - Result is diluted.
E - concentration exceeded the calibration range and is estimated.

Authorized: 
Date: November 21, 2002 Thomas Alexander

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

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8260

Client: O'Brien & Gere Inc. of North America
Project: PAS Site - Oswego, NY
Proj. Desc:
Package#: 3762
Sample: Y0585
Sample Description: LR-6
Instrument: HP5973 GCMS#3
Units: ug/L
Number of analytes: 48

Job No.: 3027.333.32301
Certification NY No.: 10155

Collected: 11/04/02 Matrix: Water
Received: 11/04/02 QC Batch: 110602W1
Prepared: 11/06/02 %Solids:
Sample Size: 10 mL
Dilution: 1

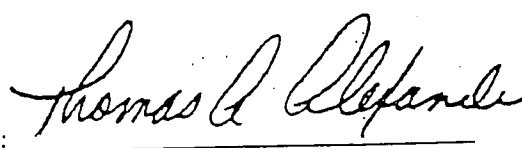
Parameter	Result	Qual	MDL	PQL	Analyzed Notes
Xylene (total)	<.50	U	.049	.5	11/06/02
Styrene	<.50	U	.036	.5	11/06/02
1,1,2,2-Tetrachloroethane	<.50	U	.12	.5	11/06/02
Isopropylbenzene	<.50	U	.075	.5	11/06/02
1,3-Dichlorobenzene	<.50	U	.038	.5	11/06/02
1,4-Dichlorobenzene	<.50	U	.039	.5	11/06/02
1,2-Dichlorobenzene	<.50	U	.048	.5	11/06/02
1,2-Dibromo-3-chloropropane	<1.0	U	.69	1	11/06/02
1,2,4-Trichlorobenzene	<1.0	U	.050	1	11/06/02
1,1,2-Trichloro-1,2,2-trifluoroethane	<.50	U	.025	.5	11/06/02
Methyl acetate	<.50	U	.22	.5	11/06/02
Cyclohexane	<.50	U	.056	.5	11/06/02
Methylcyclohexane	<.50	U	.085	.5	11/06/02

Surrogate	%R	Qual	%R Limits
Dibromofluoromethane (surrogate)	95		71-130
1,2-Dichloroethane-d4 (surrogate)	103		76-126
Toluene-d8 (surrogate)	104		82-119
Bromofluorobenzene (surrogate)	94		75-119

Notes:

B - Analyte detected above the PQL in the associated Prep Blank.
- Outside control limits U - Undetected at the reported level.
J - reported value is estimated. D - Result is diluted.
E - concentration exceeded the calibration range and is estimated.

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

Authorized: 
Date: November 21, 2002 Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8260

Client: O'Brien & Gere Inc. of North America
Project: PAS Site - Oswego, NY
Proj. Desc:
Package#: 3762
Sample: Y0586
Sample Description: LR-8
Instrument: HP5973 GCMS#3
Units: ug/L
Number of analytes: 48

Job No.: 3027.333.32301
Certification NY No.: 10155

Collected: 11/04/02 Matrix: Water
Received: 11/04/02 QC Batch: 110602W1
Prepared: 11/06/02 %Solids:
Sample Size: 10 mL
Dilution: 1

Parameter	Result	Qual	MDL	PQL	Analyzed Notes
Dichlorodifluoromethane	<1.0	U	.034	1	11/06/02
Chloromethane	<1.0	U	.061	1	11/06/02
Vinyl chloride	<1.0	U	.058	1	11/06/02
Bromomethane	<1.0	U	.043	1	11/06/02
Chloroethane	4.4		.11	1	11/06/02
Trichlorofluoromethane	<1.0	U	.023	1	11/06/02
Acetone	J 1.2	J	.78	10	11/06/02
1,1-Dichloroethene	<.50	U	.029	.5	11/06/02
Methylene chloride	<2.0 U J .19		.18	2	11/06/02
Carbon disulfide	<.50	U	.040	.5	11/06/02
trans-1,2-Dichloroethene	<.50	U	.046	.5	11/06/02
Methyl tert-butyl ether	<.50	U	.062	.5	11/06/02
1,1-Dichloroethane	<.50	U	.026	.5	11/06/02
2-Butanone	<10.	U	.27	10	11/06/02
cis-1,2-Dichloroethene	<.50	U	.054	.5	11/06/02
Chloroform	<.50	U	.040	.5	11/06/02
1,2-Dichloroethane	<.50	U	.022	.5	11/06/02
1,1,1-Trichloroethane	<.50	U	.031	.5	11/06/02
Carbon tetrachloride	<.50	U	.021	.5	11/06/02
Benzene	14.		.031	.5	11/06/02
1,2-Dichloropropane	<.50	U	.038	.5	11/06/02
Trichloroethene	<.50	U	.042	.5	11/06/02
Bromodichloromethane	<.50	U	.021	.5	11/06/02
cis-1,3-Dichloropropene	<.50	U	.041	.5	11/06/02
4-Methyl-2-pentanone	<5.0	U	.35	5	11/06/02
trans-1,3-Dichloropropene	<.50	U	.064	.5	11/06/02
1,1,2-Trichloroethane	<.50	U	.072	.5	11/06/02
Toluene	J .35	J	.049	.5	11/06/02
Dibromochloromethane	<.50	U	.053	.5	11/06/02
2-Hexanone	<5.0	U	.35	5	11/06/02
1,2-Dibromoethane	<.50	U	.058	.5	11/06/02
Tetrachloroethene	<.50	U	.039	.5	11/06/02
Chlorobenzene	4.9		.028	.5	11/06/02
Ethylbenzene	<.50	U	.036	.5	11/06/02
Bromoform	<.50	U	.068	.5	11/06/02

Thomas A. Alexander

B - Analyte detected above the PQL in the associated Prep Blank.
- Outside control limits U - Undetected at the reported level.
J - reported value is estimated. D - Result is diluted.
E - concentration exceeded the calibration range and is estimated.

Authorized: _____
Date: November 21, 2002 Thomas Alexander

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

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8260

Client: O'Brien & Gere Inc. of North America
Project: PAS Site - Oswego, NY
Proj. Desc:
Package#: 3762
Sample: Y0586
Sample Description: LR-8
Instrument: HP5973 GCMS#3
Units: ug/L
Number of analytes: 48

Job No.: 3027.333.32301
Certification NY No.: 10155

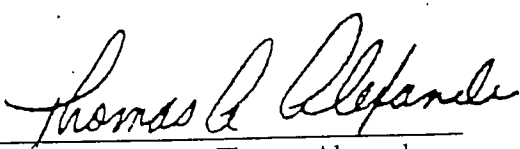
Collected: 11/04/02 Matrix: Water
Received: 11/04/02 QC Batch: 110602W1
Prepared: 11/06/02 %Solids:
Sample Size: 10 mL
Dilution: 1

Parameter	Result	Qual	MDL	PQL	Analyzed Notes
Xylene (total)	1.2		.049	.5	11/06/02
Styrene	<.50	U	.036	.5	11/06/02
1,1,2,2-Tetrachloroethane	<.50	U	.12	.5	11/06/02
Isopropylbenzene	.79		.075	.5	11/06/02
1,3-Dichlorobenzene	J .11	J	.038	.5	11/06/02
1,4-Dichlorobenzene	J .48	J	.039	.5	11/06/02
1,2-Dichlorobenzene	J .41	J	.048	.5	11/06/02
1,2-Dibromo-3-chloropropane	<1.0	U	.69	1	11/06/02
1,2,4-Trichlorobenzene	<1.0	U	.050	1	11/06/02
1,1,2-Trichloro-1,2,2-trifluoroethane	<.50	U	.025	.5	11/06/02
Methyl acetate	<.50	U	.22	.5	11/06/02
Cyclohexane	1.1		.056	.5	11/06/02
Methylcyclohexane	J .13	NJ	.085	.5	11/06/02

Surrogate	%R	Qual	%R Limits
Dibromofluoromethane (surrogate)	95		71-130
1,2-Dichloroethane-d4 (surrogate)	100		76-126
Toluene-d8 (surrogate)	106		82-119
Bromofluorobenzene (surrogate)	96		75-119

Notes:

B - Analyte detected above the PQL in the associated Prep Blank.
- Outside control limits U - Undetected at the reported level.
J - reported value is estimated. D - Result is diluted.
E - concentration exceeded the calibration range and is estimated.

Authorized: 
Date: November 21, 2002 Thomas Alexander

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O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8260

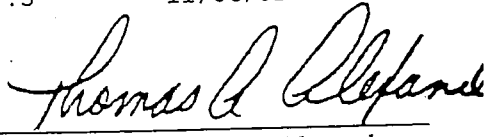
Client: O'Brien & Gere Inc. of North America
Project: PAS Site - Oswego, NY
Proj. Desc:
Package#: 3762
Sample: Y0587
Sample Description: M-21
Instrument: HP5973 GCMS#3
Units: ug/L
Number of analytes: 48

Job No.: 3027.333.32301
Certification NY No.: 10155

Collected: 11/04/02 Matrix: Water
Received: 11/04/02 QC Batch: 110602W1
Prepared: 11/06/02 %Solids:
Sample Size: 10 mL
Dilution: 1

Parameter	Result	Qual	MDL	PQL	Analyzed Notes
Dichlorodifluoromethane	<1.0	U	.034	1	11/06/02
Chloromethane	<1.0	U	.061	1	11/06/02
Vinyl chloride	<1.0	U	.058	1	11/06/02
Bromomethane	<1.0	U	.043	1	11/06/02
Chloroethane	4.8		.11	1	11/06/02
Trichlorofluoromethane	<1.0	U	.023	1	11/06/02
Acetone	J .80	J	.78	10	11/06/02
1,1-Dichloroethene	<.50	U	.029	.5	11/06/02
Methylene chloride	<2.0	U	.18	2	11/06/02
Carbon disulfide	<.50	U	.040	.5	11/06/02
trans-1,2-Dichloroethene	<.50	U	.046	.5	11/06/02
Methyl tert-butyl ether	<.50	U	.062	.5	11/06/02
1,1-Dichloroethane	J .32	J	.026	.5	11/06/02
2-Butanone	<10.	U	.27	10	11/06/02
cis-1,2-Dichloroethene	<.50	U	.054	.5	11/06/02
Chloroform	<.50	U	.040	.5	11/06/02
1,2-Dichloroethane	<.50	U	.022	.5	11/06/02
1,1,1-Trichloroethane	<.50	U	.031	.5	11/06/02
Carbon tetrachloride	<.50	U	.021	.5	11/06/02
Benzene	13.		.031	.5	11/06/02
1,2-Dichloropropane	<.50	U	.038	.5	11/06/02
Trichloroethene	<.50	U	.042	.5	11/06/02
Bromodichloromethane	<.50	U	.021	.5	11/06/02
cis-1,3-Dichloropropene	<.50	U	.041	.5	11/06/02
4-Methyl-2-pentanone	<5.0	U	.35	5	11/06/02
trans-1,3-Dichloropropene	<.50	U	.064	.5	11/06/02
1,1,2-Trichloroethane	<.50	U	.072	.5	11/06/02
Toluene	J .34	J	.049	.5	11/06/02
Dibromochloromethane	<.50	U	.053	.5	11/06/02
2-Hexanone	<5.0	U	.35	5	11/06/02
1,2-Dibromoethane	<.50	U	.058	.5	11/06/02
Tetrachloroethene	<.50	U	.039	.5	11/06/02
Chlorobenzene	4.3		.028	.5	11/06/02
Ethylbenzene	<.50	U	.036	.5	11/06/02
Bromoform	<.50	U	.068	.5	11/06/02

B - Analyte detected above the PQL in the associated Prep Blank.
- Outside control limits U - Undetected at the reported level.
J - reported value is estimated. D - Result is diluted.
E - concentration exceeded the calibration range and is estimated.

Authorized: 
Date: November 21, 2002 Thomas Alexander

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

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8260

Client: O'Brien & Gere Inc. of North America
Project: PAS Site - Oswego, NY
Proj. Desc:
Package#: 3762
Sample: Y0587
Sample Description: M-21
Instrument: HP5973 GCMS#3
Units: ug/L
Number of analytes: 48

Job No.: 3027.333.32301
Certification NY No.: 10155

Collected: 11/04/02 Matrix: Water
Received: 11/04/02 QC Batch: 110602W1
Prepared: 11/06/02 %Solids:
Sample Size: 10 mL
Dilution: 1

Parameter	Result	Qual	MDL	PQL	Analyzed Notes
Xylene (total)	J .33	J	.049	.5	11/06/02
Styrene	<.50	U	.036	.5	11/06/02
1,1,2,2-Tetrachloroethane	<.50	U	.12	.5	11/06/02
Isopropylbenzene	1.2		.075	.5	11/06/02
1,3-Dichlorobenzene	<.50	U	.038	.5	11/06/02
1,4-Dichlorobenzene	J .23	J	.039	.5	11/06/02
1,2-Dichlorobenzene	J .48	J	.048	.5	11/06/02
1,2-Dibromo-3-chloropropane	<1.0	U	.69	1	11/06/02
1,2,4-Trichlorobenzene	<1.0	U	.050	1	11/06/02
1,1,2-Trichloro-1,2,2-trifluoroethane	<.50	U	.025	.5	11/06/02
Methyl acetate	<.50	U	.22	.5	11/06/02
Cyclohexane	1.8		.056	.5	11/06/02
Methylcyclohexane	J .44	J	.085	.5	11/06/02

Surrogate	%R	Qual	%R Limits
Dibromofluoromethane (surrogate)	90		71-130
1,2-Dichloroethane-d4 (surrogate)	94		76-126
Toluene-d8 (surrogate)	103		82-119
Bromofluorobenzene (surrogate)	94		75-119

Notes:

Thomas A. Alexander

B - Analyte detected above the PQL in the associated Prep Blank.
- Outside control limits U - Undetected at the reported level.
J - reported value is estimated. D - Result is diluted.
E - concentration exceeded the calibration range and is estimated.

Authorized: _____
Date: November 21, 2002 Thomas Alexander

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

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8260

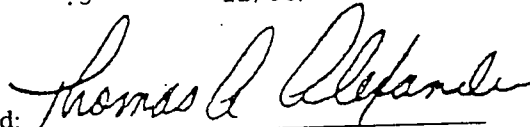
Client: O'Brien & Gere Inc. of North America
Project: PAS Site - Oswego, NY
Proj. Desc:
Package#: 3762
Sample: Y0588
Sample Description: M-25
Instrument: HP5973 GCMS#3
Units: ug/L
Number of analytes: 48

Job No.: 3027.333.32301
Certification NY No.: 10155

Collected: 11/04/02 Matrix: Water
Received: 11/04/02 QC Batch: 110602W1
Prepared: 11/06/02 %Solids:
Sample Size: 10 mL
Dilution: 1

Parameter	Result	Qual	MDL	PQL	Analyzed Notes
Dichlorodifluoromethane	<1.0	U	.034	1	11/06/02
Chloromethane	<1.0	U	.061	1	11/06/02
Vinyl chloride	<1.0	U	.058	1	11/06/02
Bromomethane	<1.0	U	.043	1	11/06/02
Chloroethane	1.5		.11	1	11/06/02
Trichlorofluoromethane	<1.0	U	.023	1	11/06/02
Acetone	<10.	U	.78	10	11/06/02
1,1-Dichloroethene	<.50	U	.029	.5	11/06/02
Methylene chloride	<2.0	U	.18	2	11/06/02
Carbon disulfide	<.50	U	.040	.5	11/06/02
trans-1,2-Dichloroethene	<.50	U	.046	.5	11/06/02
Methyl tert-butyl ether	.81		.062	.5	11/06/02
1,1-Dichloroethane	<.50	U	.026	.5	11/06/02
2-Butanone	<10.	U	.27	10	11/06/02
cis-1,2-Dichloroethene	<.50	U	.054	.5	11/06/02
Chloroform	J .30	J	.040	.5	11/06/02
1,2-Dichloroethane	<.50	U	.022	.5	11/06/02
1,1,1-Trichloroethane	<.50	U	.031	.5	11/06/02
Carbon tetrachloride	<.50	U	.021	.5	11/06/02
Benzene	J .42	J	.031	.5	11/06/02
1,2-Dichloropropane	<.50	U	.038	.5	11/06/02
Trichloroethene	<.50	U	.042	.5	11/06/02
Bromodichloromethane	<.50	U	.021	.5	11/06/02
cis-1,3-Dichloropropene	<.50	U	.041	.5	11/06/02
4-Methyl-2-pentanone	<5.0	U	.35	5	11/06/02
trans-1,3-Dichloropropene	<.50	U	.064	.5	11/06/02
1,1,2-Trichloroethane	<.50	U	.072	.5	11/06/02
Toluene	J .17	J	.049	.5	11/06/02
Dibromochloromethane	<.50	U	.053	.5	11/06/02
2-Hexanone	<5.0	U	.35	5	11/06/02
1,2-Dibromoethane	<.50	U	.058	.5	11/06/02
Tetrachloroethene	<.50	U	.039	.5	11/06/02
Chlorobenzene	1.6		.028	.5	11/06/02
Ethylbenzene	<.50	U	.036	.5	11/06/02
Bromoform	<.50	U	.068	.5	11/06/02

B - Analyte detected above the PQL in the associated Prep Blank.
- Outside control limits U - Undetected at the reported level.
J - reported value is estimated. D - Result is diluted.
E - concentration exceeded the calibration range and is estimated.

Authorized: 
Date: November 21, 2002 Thomas Alexander

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

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8260

Client: O'Brien & Gere Inc. of North America
Project: PAS Site - Oswego, NY
Proj. Desc:
Package#: 3762
Sample: Y0588
Sample Description: M-25
Instrument: HP5973 GCMS#3
Units: ug/L
Number of analytes: 48

Job No.: 3027.333.32301
Certification NY No.: 10155

Collected: 11/04/02 Matrix: Water
Received: 11/04/02 QC Batch: 110602W1
Prepared: 11/06/02 %Solids:
Sample Size: 10 mL
Dilution: 1

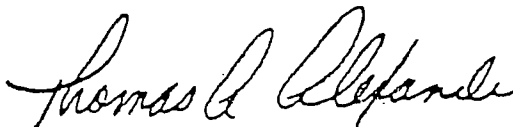
Parameter	Result	Qual	MDL	PQL	Analyzed Notes
Xylene (total)	J .12	J	.049	.5	11/06/02
Styrene	<.50	U	.036	.5	11/06/02
1,1,2,2-Tetrachloroethane	<.50	U	.12	.5	11/06/02
Isopropylbenzene	J .25	J	.075	.5	11/06/02
1,3-Dichlorobenzene	<.50	U	.038	.5	11/06/02
1,4-Dichlorobenzene	<.50	U	.039	.5	11/06/02
1,2-Dichlorobenzene	J .16	J	.048	.5	11/06/02
1,2-Dibromo-3-chloropropane	<1.0	U	.69	1	11/06/02
1,2,4-Trichlorobenzene	<1.0	U	.050	1	11/06/02
1,1,2-Trichloro-1,2,2-trifluoroethane	<.50	U	.025	.5	11/06/02
Methyl acetate	<.50	U	.22	.5	11/06/02
Cyclohexane	J .24	J	.056	.5	11/06/02
Methylcyclohexane	<.50	U	.085	.5	11/06/02

Surrogate	%R	Qual	%R Limits
Dibromofluoromethane (surrogate)	94		71-130
1,2-Dichloroethane-d4 (surrogate)	99		76-126
Toluene-d8 (surrogate)	105		82-119
Bromofluorobenzene (surrogate)	96		75-119

Notes:

B - Analyte detected above the PQL in the associated Prep Blank.
- Outside control limits U - Undetected at the reported level.
J - reported value is estimated. D - Result is diluted.
E - concentration exceeded the calibration range and is estimated.

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

Authorized: 
Date: November 21, 2002 Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8260

Client: O'Brien & Gere Inc. of North America
Project: PAS Site - Oswego, NY
Proj. Desc:
Package#: 3762
Sample: Y0589
Sample Description: M-26
Instrument: HP5973 GCMS#3
Units: ug/L
Number of analytes: 48

Job No.: 3027.333.32301
Certification NY No.: 10155

Collected: 11/04/02 Matrix: Water
Received: 11/04/02 QC Batch: 110702W7
Prepared: 11/07/02 %Solids:
Sample Size: 10 mL
Dilution: 1

Parameter	Result	Qual	MDL	PQL	Analyzed Notes
Dichlorodifluoromethane	<1.0	U	.034	1	11/07/02
Chloromethane	<1.0	U	.061	1	11/07/02
Vinyl chloride	<1.0	U	.058	1	11/07/02
Bromomethane	<1.0	U	.043	1	11/07/02
Chloroethane	<1.0	U	.11	1	11/07/02
Trichlorofluoromethane	<1.0	U	.023	1	11/07/02
Acetone	<10.	U	.78	10	11/07/02
1,1-Dichloroethene	<.50	U	.029	.5	11/07/02
Methylene chloride	<2.0	U	.18	2	11/07/02
Carbon disulfide	<.50	U	.040	.5	11/07/02
trans-1,2-Dichloroethene	<.50	U	.046	.5	11/07/02
Methyl tert-butyl ether	<.50	U	.062	.5	11/07/02
1,1-Dichloroethane	<.50	U	.026	.5	11/07/02
2-Butanone	<10.	U	.27	10	11/07/02
cis-1,2-Dichloroethene	<.50	U	.054	.5	11/07/02
Chloroform	J .11	J	.040	.5	11/07/02
1,2-Dichloroethane	<.50	U	.022	.5	11/07/02
1,1,1-Trichloroethane	<.50	U	.031	.5	11/07/02
Carbon tetrachloride	<.50	U	.021	.5	11/07/02
Benzene	<.50	U	.031	.5	11/07/02
1,2-Dichloropropane	<.50	U	.038	.5	11/07/02
Trichloroethene	<.50	U	.042	.5	11/07/02
Bromodichloromethane	<.50	U	.021	.5	11/07/02
cis-1,3-Dichloropropene	<.50	U	.041	.5	11/07/02
4-Methyl-2-pentanone	<5.0	U	.35	5	11/07/02
trans-1,3-Dichloropropene	<.50	U	.064	.5	11/07/02
1,1,2-Trichloroethane	<.50	U	.072	.5	11/07/02
Toluene	<.50	U	.049	.5	11/07/02
Dibromochloromethane	<.50	U	.053	.5	11/07/02
2-Hexanone	<5.0	U	.35	5	11/07/02
1,2-Dibromoethane	<.50	U	.058	.5	11/07/02
Tetrachloroethene	<.50	U	.039	.5	11/07/02
Chlorobenzene	<.50	U	.028	.5	11/07/02
Ethylbenzene	<.50	U	.036	.5	11/07/02
Bromoform	<.50	U	.068	.5	11/07/02

Thomas A. Alexander

B - Analyte detected above the PQL in the associated Prep Blank.
- Outside control limits U - Undetected at the reported level.
J - reported value is estimated. D - Result is diluted.
E - concentration exceeded the calibration range and is estimated.

Authorized: _____
Date: November 21, 2002 Thomas Alexander

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

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8260

Client: O'Brien & Gere Inc. of North America
Project: PAS Site - Oswego, NY
Proj. Desc:
Package#: 3762
Sample: Y0589
Sample Description: M-26
Instrument: HP5973 GCMS#3
Units: ug/L
Number of analytes: 48

Job No.: 3027.333.32301
Certification NY No.: 10155

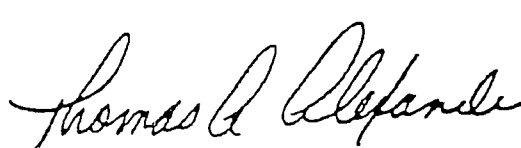
Collected: 11/04/02 Matrix: Water
Received: 11/04/02 QC Batch: 110702W7
Prepared: 11/07/02 %Solids:
Sample Size: 10 mL
Dilution: 1

Parameter	Result	Qual	MDL	PQL	Analyzed Notes
Xylene (total)	<.50	U	.049	.5	11/07/02
Styrene	<.50	U	.036	.5	11/07/02
1,1,2,2-Tetrachloroethane	<.50	U	.12	.5	11/07/02
Isopropylbenzene	<.50	U	.075	.5	11/07/02
1,3-Dichlorobenzene	<.50	U	.038	.5	11/07/02
1,4-Dichlorobenzene	<.50	U	.039	.5	11/07/02
1,2-Dichlorobenzene	<.50	U	.048	.5	11/07/02
1,2-Dibromo-3-chloropropane	<1.0	U	.69	1	11/07/02
1,2,4-Trichlorobenzene	<1.0	U	.050	1	11/07/02
1,1,2-Trichloro-1,2,2-trifluoroethane	<.50	U	.025	.5	11/07/02
Methyl acetate	<.50	U	.22	.5	11/07/02
Cyclohexane	<.50	U	.056	.5	11/07/02
Methylcyclohexane	<.50	U	.085	.5	11/07/02

Surrogate	%R	Qual	%R Limits
Dibromofluoromethane (surrogate)	96		71-130
1,2-Dichloroethane-d4 (surrogate)	104		76-126
Toluene-d8 (surrogate)	106		82-119
Bromofluorobenzene (surrogate)	93		75-119

Notes:

B - Analyte detected above the PQL in the associated Prep Blank.
- Outside control limits U - Undetected at the reported level.
J - reported value is estimated. D - Result is diluted.
E - concentration exceeded the calibration range and is estimated.

Authorized: 
Date: November 21, 2002 Thomas Alexander

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O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8260

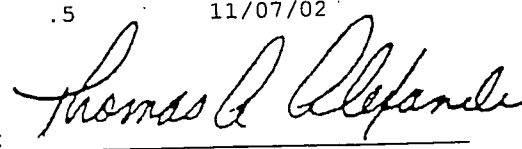
Client: O'Brien & Gere Inc. of North America
Project: PAS Site - Oswego, NY
Proj. Desc:
Package#: 3762
Sample: Y0590
Sample Description: Equipment Blank
Instrument: HP5973 GCMS#3
Units: ug/L
Number of analytes: 48

Job No.: 3027.333.32301
Certification NY No.: 10155

Collected: 11/04/02 Matrix: Water
Received: 11/04/02 QC Batch: 110702W7
Prepared: 11/07/02 %Solids:
Sample Size: 10 mL
Dilution: 1

Parameter	Result	Qual	MDL	PQL	Analyzed Notes
Dichlorodifluoromethane	<1.0	U	.034	1	11/07/02
Chloromethane	<1.0	U	.061	1	11/07/02
Vinyl chloride	<1.0	U	.058	1	11/07/02
Bromomethane	<1.0	U	.043	1	11/07/02
Chloroethane	<1.0	U	.11	1	11/07/02
Trichlorofluoromethane	<1.0	U	.023	1	11/07/02
Acetone	<10.	U	.78	10	11/07/02
1,1-Dichloroethene	<.50	U	.029	.5	11/07/02
Methylene chloride	<2.0	U	.18	2	11/07/02
Carbon disulfide	<.50	U	.040	.5	11/07/02
trans-1,2-Dichloroethene	<.50	U	.046	.5	11/07/02
Methyl tert-butyl ether	<.50	U	.062	.5	11/07/02
1,1-Dichloroethane	<.50	U	.026	.5	11/07/02
2-Butanone	<10.	U	.27	10	11/07/02
cis-1,2-Dichloroethene	<.50	U	.054	.5	11/07/02
Chloroform	<.50	U	.040	.5	11/07/02
1,2-Dichloroethane	<.50	U	.022	.5	11/07/02
1,1,1-Trichloroethane	<.50	U	.031	.5	11/07/02
Carbon tetrachloride	<.50	U	.021	.5	11/07/02
Benzene	<.50	U	.031	.5	11/07/02
1,2-Dichloropropane	<.50	U	.038	.5	11/07/02
Trichloroethene	<.50	U	.042	.5	11/07/02
Bromodichloromethane	<.50	U	.021	.5	11/07/02
cis-1,3-Dichloropropene	<.50	U	.041	.5	11/07/02
4-Methyl-2-pentanone	<5.0	U	.35	5	11/07/02
trans-1,3-Dichloropropene	<.50	U	.064	.5	11/07/02
1,1,2-Trichloroethane	<.50	U	.072	.5	11/07/02
Toluene	<.50	U	.049	.5	11/07/02
Dibromochloromethane	<.50	U	.053	.5	11/07/02
2-Hexanone	<5.0	U	.35	5	11/07/02
1,2-Dibromoethane	<.50	U	.058	.5	11/07/02
Tetrachloroethene	<.50	U	.039	.5	11/07/02
Chlorobenzene	<.50	U	.028	.5	11/07/02
Ethylbenzene	<.50	U	.036	.5	11/07/02
Bromoform	<.50	U	.068	.5	11/07/02

B - Analyte detected above the PQL in the associated Prep Blank.
- Outside control limits U - Undetected at the reported level.
J - reported value is estimated. D - Result is diluted.
E - concentration exceeded the calibration range and is estimated.

Authorized: 
Date: November 21, 2002 Thomas Alexander

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

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8260

Client: O'Brien & Gere Inc. of North America
Project: PAS Site - Oswego, NY
Proj. Desc:
Package#: 3762
Sample: Y0590
Sample Description: Equipment Blank
Instrument: HP5973 GCMS#3
Units: ug/L
Number of analytes: 48

Job No.: 3027.333.32301
Certification NY No.: 10155

Collected: 11/04/02 Matrix: Water
Received: 11/04/02 QC Batch: 110702W7
Prepared: 11/07/02 %Solids:
Sample Size: 10 mL
Dilution: 1

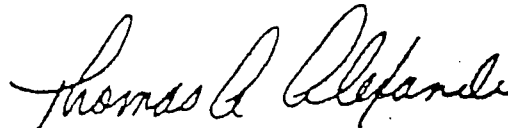
Parameter	Result	Qual	MDL	PQL	Analyzed Notes
Xylene (total)	<.50	U	.049	.5	11/07/02
Styrene	<.50	U	.036	.5	11/07/02
1,1,2,2-Tetrachloroethane	<.50	U	.12	.5	11/07/02
Isopropylbenzene	<.50	U	.075	.5	11/07/02
1,3-Dichlorobenzene	<.50	U	.038	.5	11/07/02
1,4-Dichlorobenzene	<.50	U	.039	.5	11/07/02
1,2-Dichlorobenzene	<.50	U	.048	.5	11/07/02
1,2-Dibromo-3-chloropropane	<1.0	U	.69	1	11/07/02
1,2,4-Trichlorobenzene	<1.0	U	.050	1	11/07/02
1,1,2-Trichloro-1,2,2-trifluoroethane	<.50	U	.025	.5	11/07/02
Methyl acetate	<.50	U	.22	.5	11/07/02
Cyclohexane	<.50	U	.056	.5	11/07/02
Methylcyclohexane	<.50	U	.085	.5	11/07/02

Surrogate	%R	Qual	%R Limits
Dibromofluoromethane (surrogate)	95		71-130
1,2-Dichloroethane-d4 (surrogate)	103		76-126
Toluene-d8 (surrogate)	105		82-119
Bromofluorobenzene (surrogate)	96		75-119

Notes:

B - Analyte detected above the PQL in the associated Prep Blank.
- Outside control limits U - Undetected at the reported level.
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E - concentration exceeded the calibration range and is estimated.

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

Authorized: 
Date: November 21, 2002 Thomas Alexander

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8260

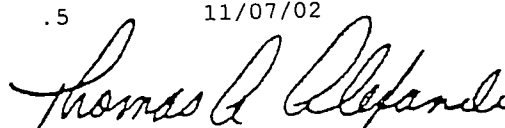
Client: O'Brien & Gere Inc. of North America
Project: PAS Site - Oswego, NY
Proj. Desc:
Package#: 3762
Sample: Y0591
Sample Description: QC Trip Blank
Instrument: HP5973 GCMS#3
Units: ug/L
Number of analytes: 48

Job No.: 3027.333.32301
Certification NY No.: 10155

Collected: 11/04/02 Matrix: Water
Received: 11/04/02 QC Batch: 110702W7
Prepared: 11/07/02 %Solids:
Sample Size: 10 mL
Dilution: 1

Parameter	Result	Qual	MDL	PQL	Analyzed Notes
Dichlorodifluoromethane	<1.0	U	.034	1	11/07/02
Chloromethane	<1.0	U	.061	1	11/07/02
Vinyl chloride	<1.0	U	.058	1	11/07/02
Bromomethane	<1.0	U	.043	1	11/07/02
Chloroethane	<1.0	U	.11	1	11/07/02
Trichlorofluoromethane	<1.0	U	.023	1	11/07/02
Acetone	<10.	U	.78	10	11/07/02
1,1-Dichloroethene	<.50	U	.029	.5	11/07/02
Methylene chloride	<2.0	U	.18	2	11/07/02
Carbon disulfide	<.50	U	.040	.5	11/07/02
trans-1,2-Dichloroethene	<.50	U	.046	.5	11/07/02
Methyl tert-butyl ether	<.50	U	.062	.5	11/07/02
1,1-Dichloroethane	<.50	U	.026	.5	11/07/02
2-Butanone	<10.	U	.27	10	11/07/02
cis-1,2-Dichloroethene	<.50	U	.054	.5	11/07/02
Chloroform	<.50	U	.040	.5	11/07/02
1,2-Dichloroethane	<.50	U	.022	.5	11/07/02
1,1,1-Trichloroethane	<.50	U	.031	.5	11/07/02
Carbon tetrachloride	<.50	U	.021	.5	11/07/02
Benzene	<.50	U	.031	.5	11/07/02
1,2-Dichloropropane	<.50	U	.038	.5	11/07/02
Trichloroethene	<.50	U	.042	.5	11/07/02
Bromodichloromethane	<.50	U	.021	.5	11/07/02
cis-1,3-Dichloropropene	<.50	U	.041	.5	11/07/02
4-Methyl-2-pentanone	<5.0	U	.35	5	11/07/02
trans-1,3-Dichloropropene	<.50	U	.064	.5	11/07/02
1,1,2-Trichloroethane	<.50	U	.072	.5	11/07/02
Toluene	<.50	U	.049	.5	11/07/02
Dibromochloromethane	<.50	U	.053	.5	11/07/02
2-Hexanone	<5.0	U	.35	5	11/07/02
1,2-Dibromoethane	<.50	U	.058	.5	11/07/02
Tetrachloroethene	<.50	U	.039	.5	11/07/02
Chlorobenzene	<.50	U	.028	.5	11/07/02
Ethylbenzene	<.50	U	.036	.5	11/07/02
Bromoform	<.50	U	.068	.5	11/07/02

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O'Brien & Gere Laboratories, Inc.

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Dilution: 1

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Notes:

Thomas A. Alexander

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Authorized: _____
Date: November 21, 2002 Thomas Alexander

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

reDOCs _____ Yes _____ No
Site Name PAS
Site No. 738001
County Oswego
Town Oswego
Eolable X Yes _____ No _____
Name 2003-09-09, Q4-02 Report