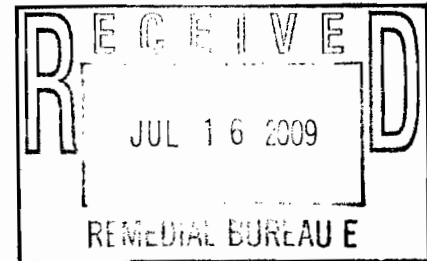


▽
—
de maximis, inc.

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

July 15, 2009

Ms. 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: Annual Progress Report for July 2008 through June 2009
Operations, Maintenance and Long Term-Monitoring Activities
Pollution Abatement Services (PAS) Site, Oswego, NY*

Dear Ms. Pierre:

The July 2009 Annual Progress Report (Annual Report), which is submitted under *Consent Decree 98-CV0112NPMGJD* for operation, maintenance, and long-term monitoring activities at the PAS Site (Site) in Oswego, New York (Consent Decree), is attached. This Annual Report covers the period July 1, 2008 through June 30, 2009, and conforms to the requirements of Paragraph 30 of the Consent Decree, which was entered on August 10, 1998 and the July 2, 2003 letter from the U.S. Environmental Protection Agency (USEPA), which provides for progress reports to be submitted annually in July of each year. As such, our next annual progress report will be submitted on or before July 15, 2010 and will document work completed between the period July 1, 2009 and June 30, 2010 in a format consistent with this Annual Report.

The routine elevation monitoring conducted during this reporting period indicates continued hydraulic control of the slurry wall containment system is being maintained through routine operation of the leachate collection system. (See the SWW-series groundwater elevations shown in Attachment I-A.) This observation remains consistent with observations reported in our previous Annual Report and as further documented in our November 2008 Five Year Review Report.

Semi-annual groundwater quality monitoring results during this reporting period indicate that VOC-concentrations at down-gradient monitoring wells LR-8 and M-21 continue to fluctuate at very low levels. Monitoring results at LR-8, the long-term monitoring well located closest to the slurry wall, remained low with benzene and chlorobenzene slightly above performance standards in November 2008 and below performance standards in May 2009. Results at LR-8 remained consistent with the long-term trend of declining VOC concentrations at this location. Monitoring results for down-gradient well M-21, which is located south of Mitchell Street and north of the slurry wall containment system, remained below or very near performance standards. The long-term groundwater quality monitoring results and trends for wells LR-8 and M-21 are presented graphically in Attachments I-B and I-C. In addition, we scheduled bedrock wells M-22 and M-23 for sampling during the May 2009 semi-annual sampling event, and concentrations at both M-22 and M-23 remain below detection levels except for a low (below performance standards) 1,1-DCE concentration in MW-23, consistent with the additional monitoring results obtained in 2005 and 2006.

These long-term monitoring results further support the findings that hydraulic control of the containment system has allowed VOC concentrations down-gradient of the slurry wall containment system to decline through natural attenuation, and that the site remedies continue to be protective of human health and the environment. (Graphs showing leachate concentrations at LCW-2 and LCW-4 during the period 1998 to May 2009 are also included in Attachment I-B.)

Attachment II of this report contains a description of the actions completed under the Consent Decree for each quarter of this reporting period. Site monitoring results and leachate removal and disposal records for each quarter of the reporting period are also included in Attachment II. Finally, Attachment III of this report provides a description and schedule of the actions planned during the next reporting period (July 2009 - June 2010).

As documented in this report, leachate removed routinely from the containment system was transported to the City of Auburn New York's Wastewater Treatment Facility for treatment and disposal. PAS leachate shipments to the Auburn Wastewater Treatment Facility began in the third quarter of 2008. This report also documents that the requirements of the approved Institutional Control Implementation Plan were satisfied during this reporting period.

We reviewed EPA's comments on the July 2008 Annual Report received on January 12, 2009 and March 30, 2009, including comments regarding groundwater monitoring down-gradient of the containment system, and provided responses to these comments to EPA on January 29 and June 12, 2009, respectively. Our June 12 letter provided a response to EPA's comments regarding groundwater monitoring and indicated that additional leachate removal begun in January 2009 would continue through July. It also indicated that we will then re-evaluate hydraulic gradients and other site data following the additional leachate removal period, and proposed to present the results of this re-evaluation in a meeting with EPA in August. We look forward to EPA's response and the opportunity to discuss EPA concerns regarding site monitoring and operation.

If you have any questions, please call me at (941) 926-7929 or Clay McClarnon at (865) 691-5052.

Sincerely,



de maximis, inc.
Mark Valentine

cc: PAS Oswego Steering Committee
Marla Weider, Esq., USEPA
Payson Long, NYSDEC, Div. of Hazardous Waste Remediation
Brian Rogers, NYSDEC Region 7 Office
J. Kenney, NYDOH, Office of Public Health
C. McClarnon, de maximis

Attach/


ANNUAL PROGRESS REPORT

***PAS OSWEGO SUPERFUND SITE
OSWEGO, NEW YORK***

July 2009

Submitted By:

***de maximis, inc.
2975 Bee Ridge Road
Suite C
Sarasota, FL
(941) 926-7929***


de maximis, inc.

LIST OF ATTACHMENTS

ATTACHMENT I – FIGURES & TABLES

- I - A Slurry Wall Groundwater Elevation Charts
- I - B Long Term Monitoring Groundwater and Leachate Quality Graphs
- I - C Figure 1 – Historical VOC Concentrations
- I - D Table 1 – Additional Proposed Well Abandonment List
Figure 2 – Additional Monitoring Wells Proposed for Abandonment
- I - E Table 1 – Additional Bedrock Groundwater Monitoring Results
Table 2 – Additional Leachate Sampling

ATTACHMENT II – ACTIONS COMPLETED

- II - A 3rd Quarter 2008
 - A-1 Ground-Water Elevation Data
 - A-2 Site Inspection Checklist and Leachate Disposal
 - A-3 Non-Hazardous Waste Manifests
 - A-4 Waste Treatment/Disposal Verifications
 - A-5 Additional Leachate Sampling Data
- II - B 4th Quarter 2008
 - B-1 Ground-Water Elevation Data
 - B-2 Site Inspection Checklist and Leachate Disposal
 - B-3 Non-Hazardous Waste Manifests
 - B-4 Waste Treatment/Disposal Verifications
 - B-5 Semi-Annual Leachate and Ground-water Monitoring (November 2008)
 - B-6 Additional Leachate Sampling Data
- II - C 1st Quarter 2009
 - C-1 Ground-Water Elevation Data
 - C-2 Site Inspection Checklist and Leachate Disposal
 - C-3 Non-Hazardous Waste Manifests
 - C-4 Waste Treatment/Disposal Verifications
 - C-5 Additional Leachate Sampling Data

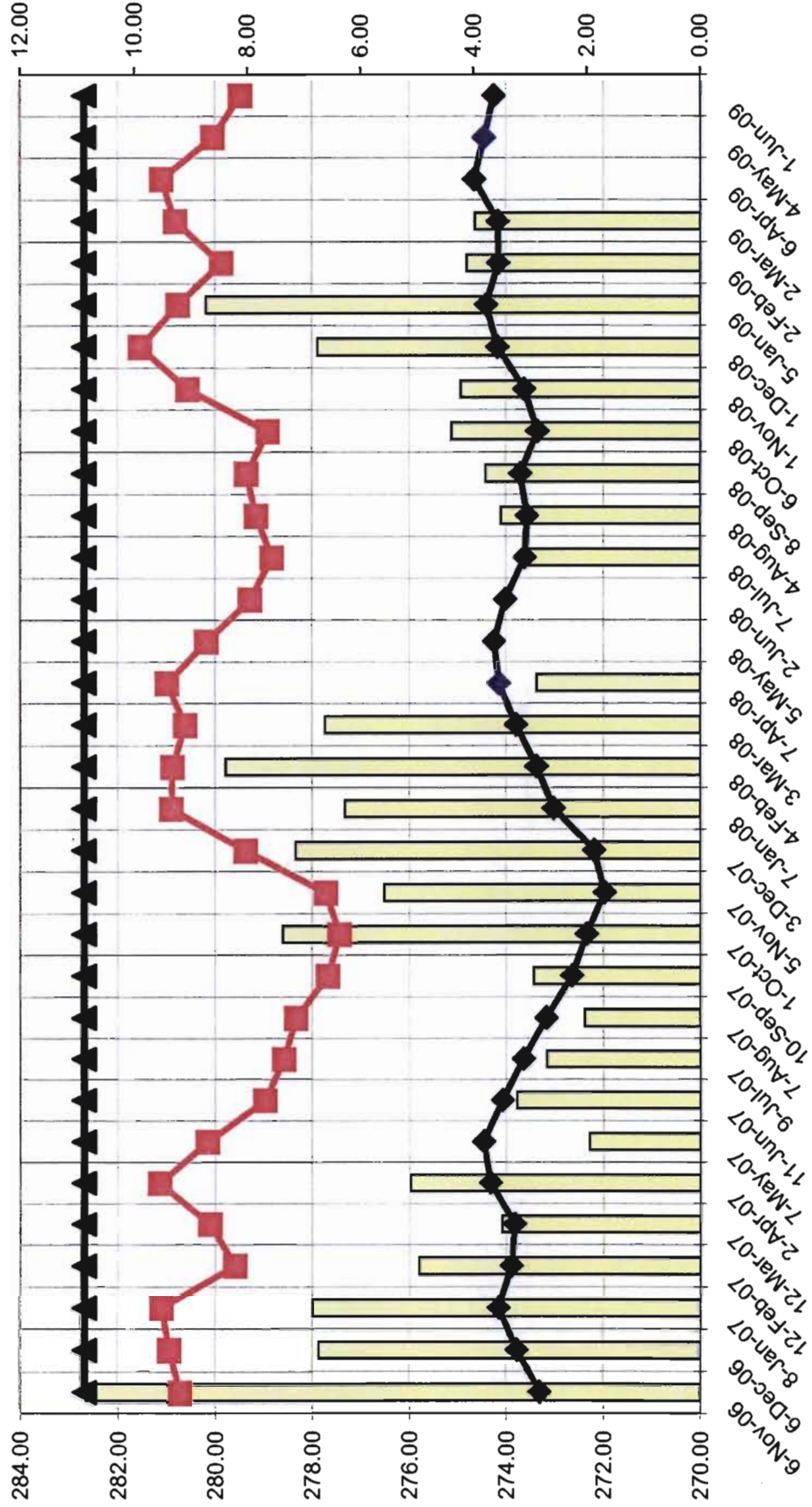
II – D 2nd Quarter 2009

- D-1 Ground-Water Elevation Data
- D-2 Site Inspection Checklist and Leachate Disposal
- D-3 Non-Hazardous Waste Manifests
- D-4 Waste Treatment/Disposal Verifications
- D-5 Semi-Annual Leachate and Ground-water Monitoring (May 2009)
- D-6 Additional Leachate Sampling Data
- D-7 Institutional Controls Certification Memorandum

ATTACHMENT III – ACTIONS PLANNED

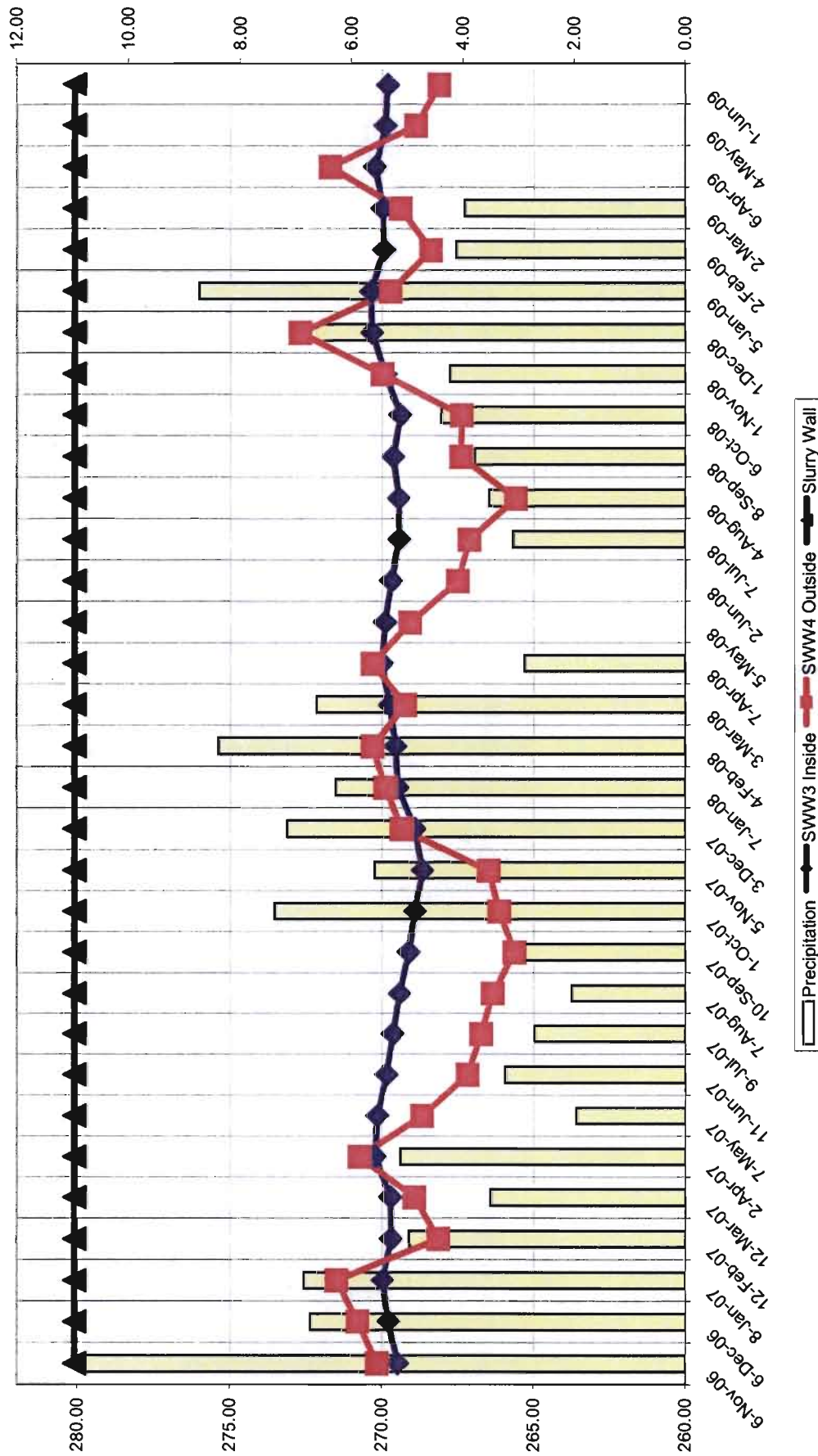
III – Future Report

**PAS - OSWEGO
GROUNDWATER ELEVATIONS (SWW1 and SWW2)**

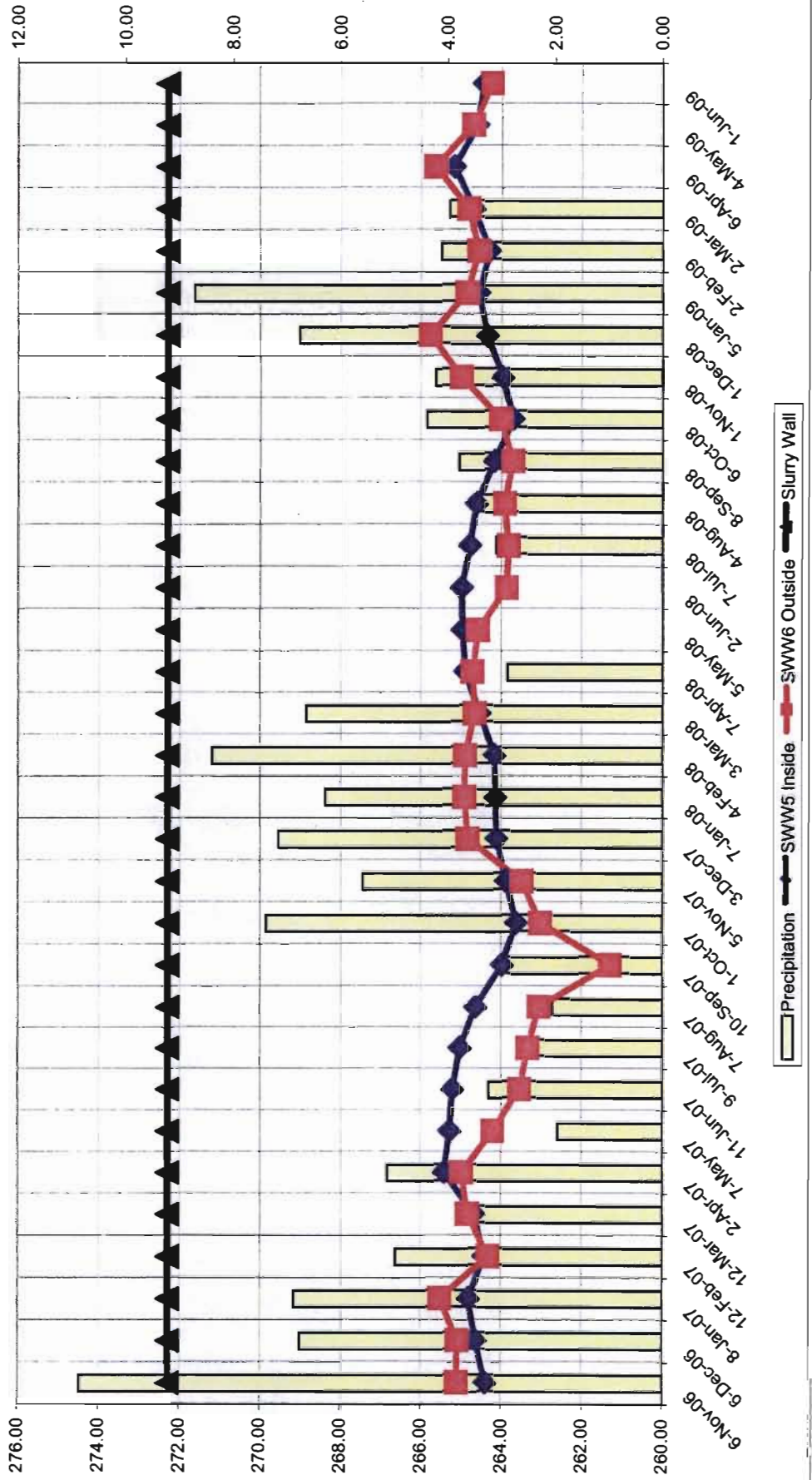


Precipitation
 SWW1 Outside
 SWW2 Inside
 Slurry Wall

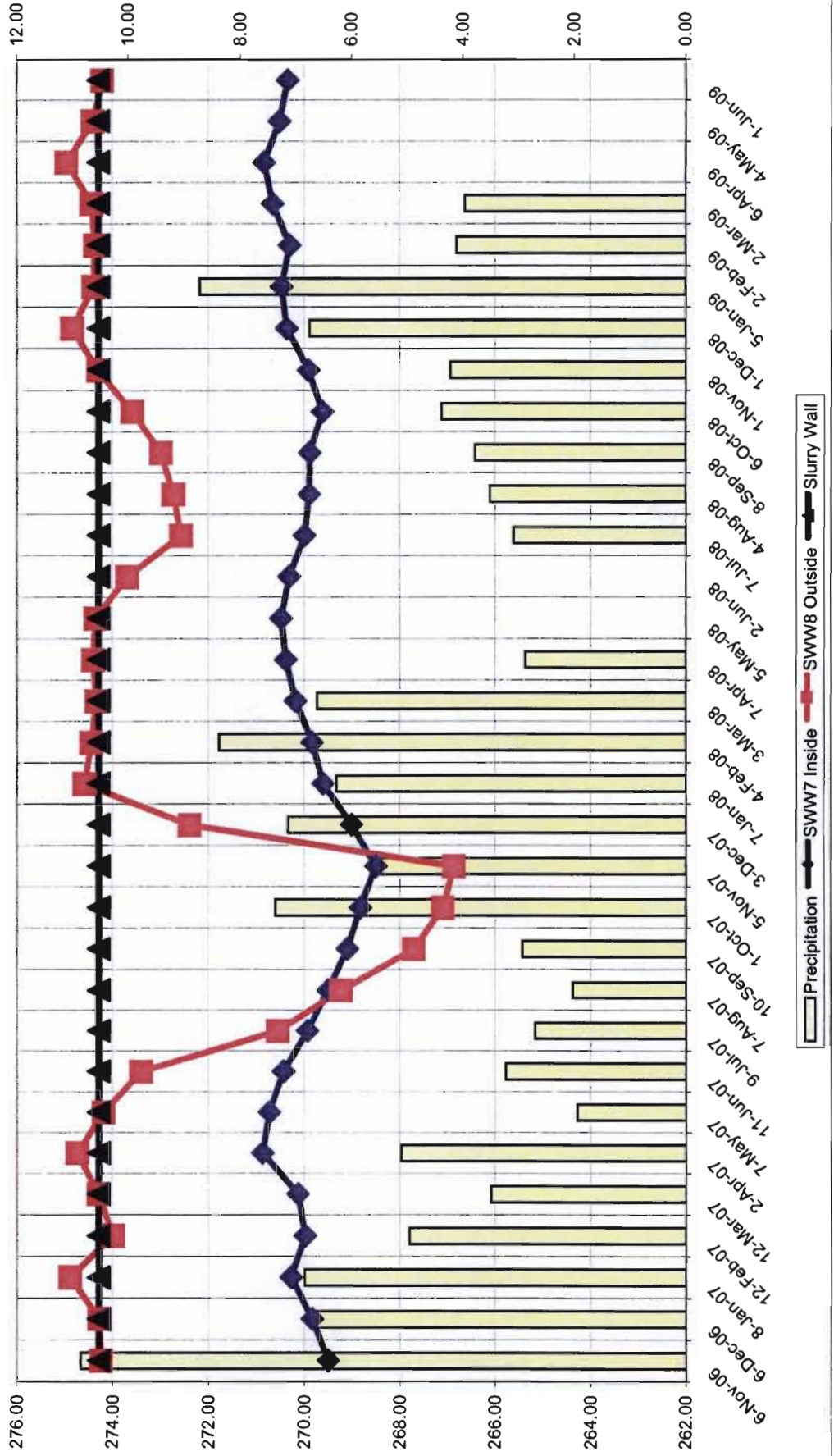
**PAS - OSWEGO
GROUNDWATER ELEVATIONS (SWW3 and SWW4)**



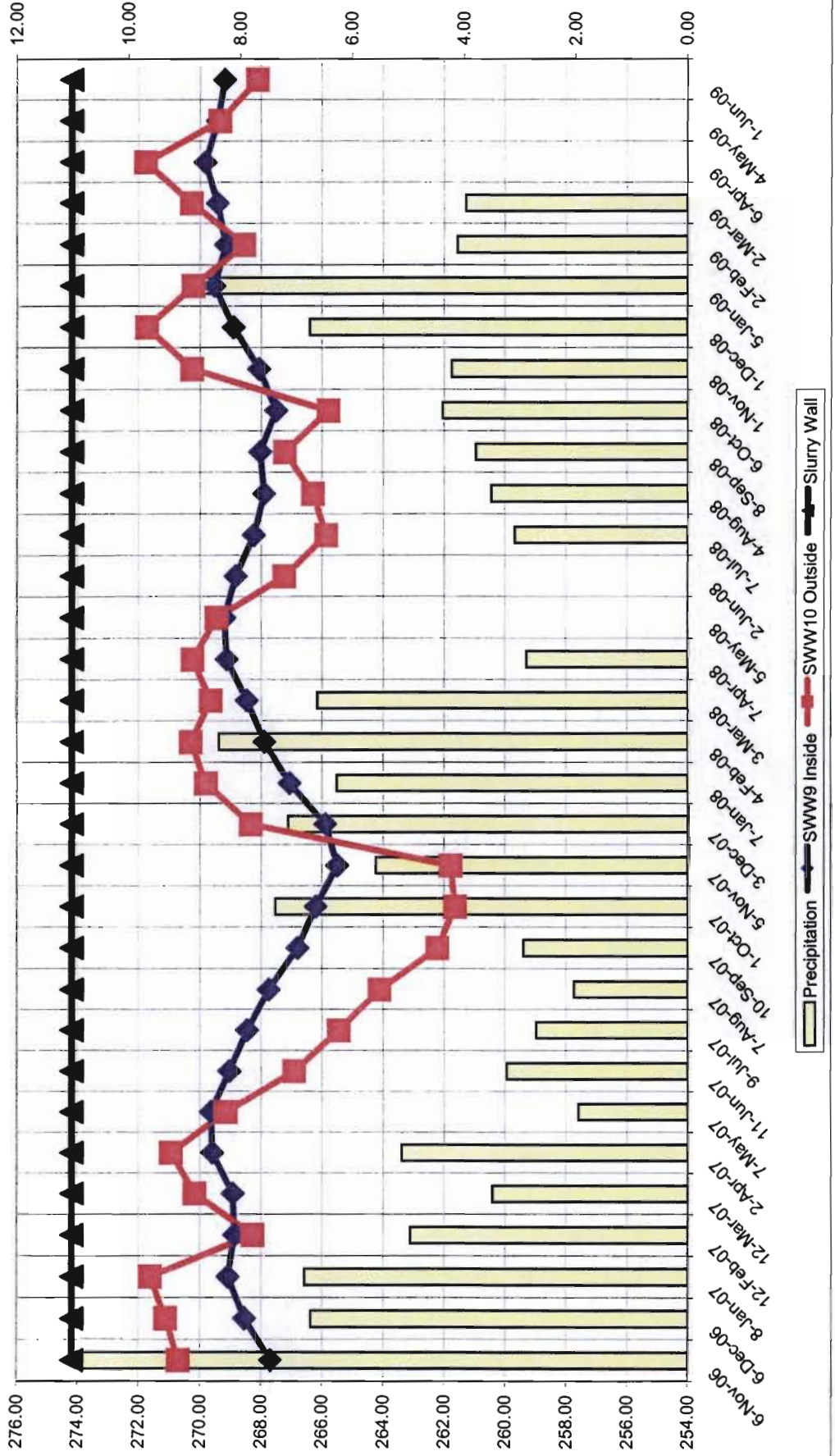
**PAS - OSWEGO
GROUNDWATER ELEVATIONS (SWW5 & SWW6)**



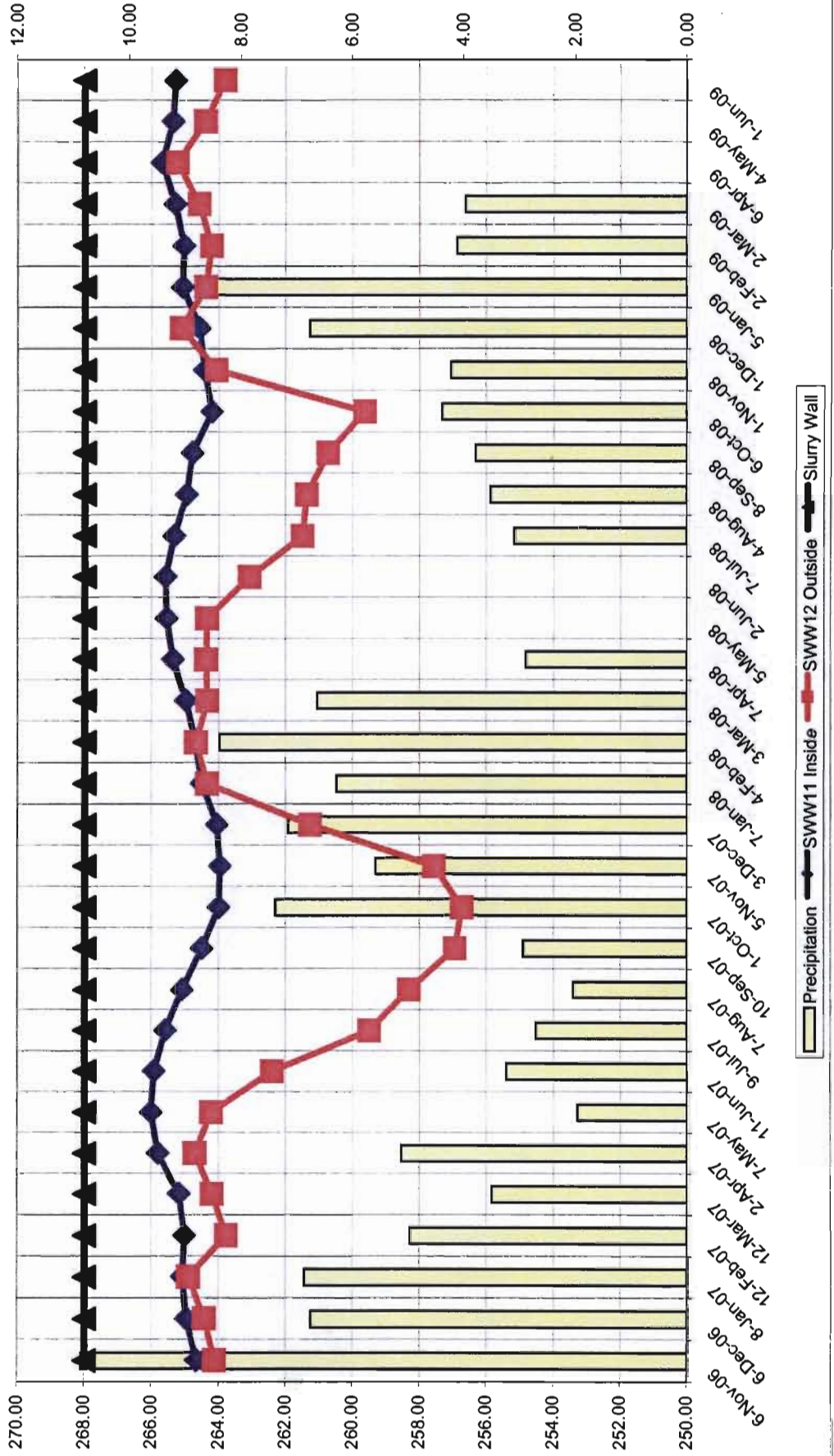
PAS - OSWEGO GROUNDWATER ELEVATIONS (SWW7 and SWW8)



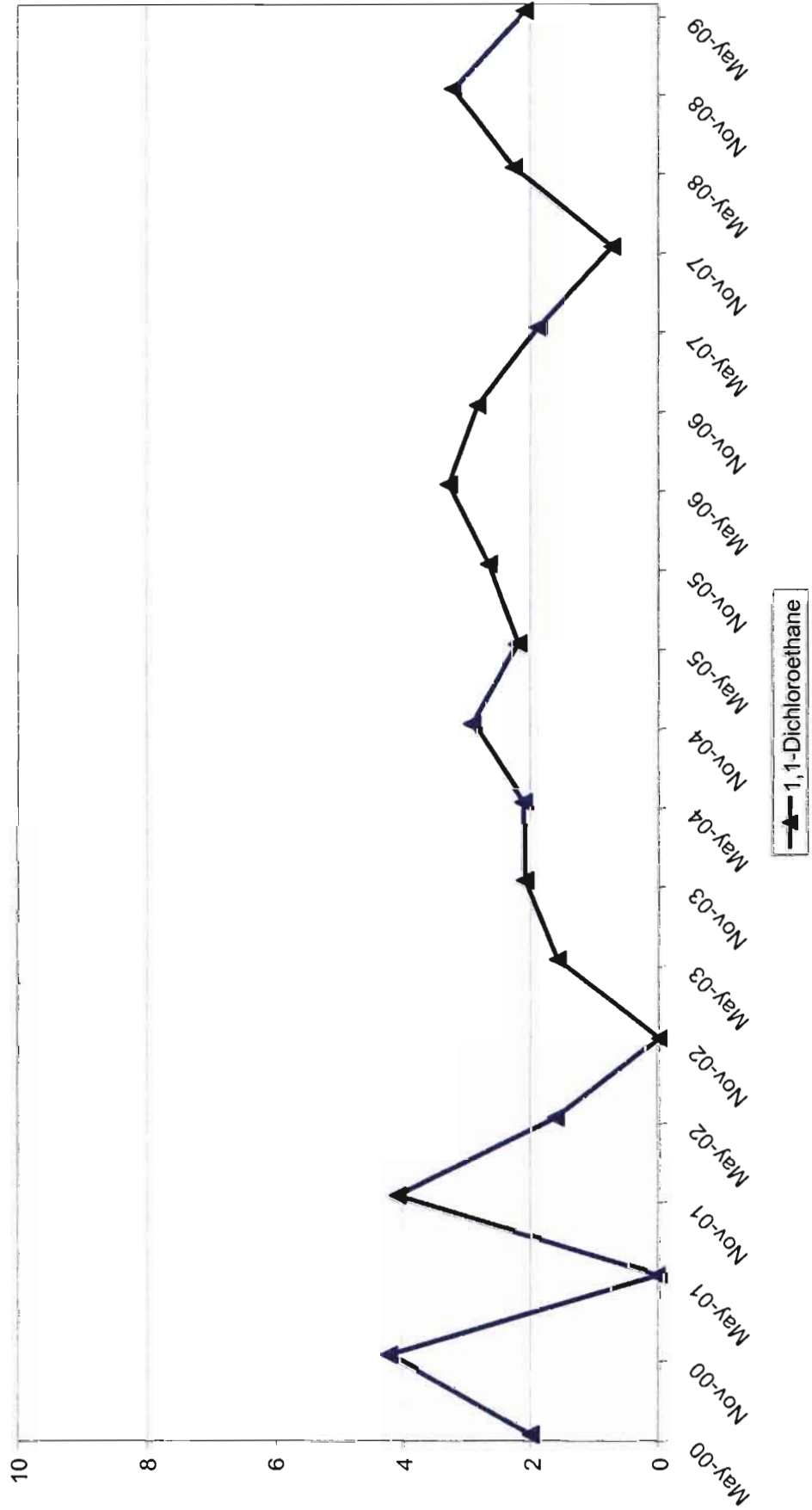
PAS - OSWEGO
GROUNDWATER ELEVATIONS (SWW9 and SWW10)



PAS - OSWEGO
GROUNDWATER ELEVATIONS (SWW11 & SWW12)

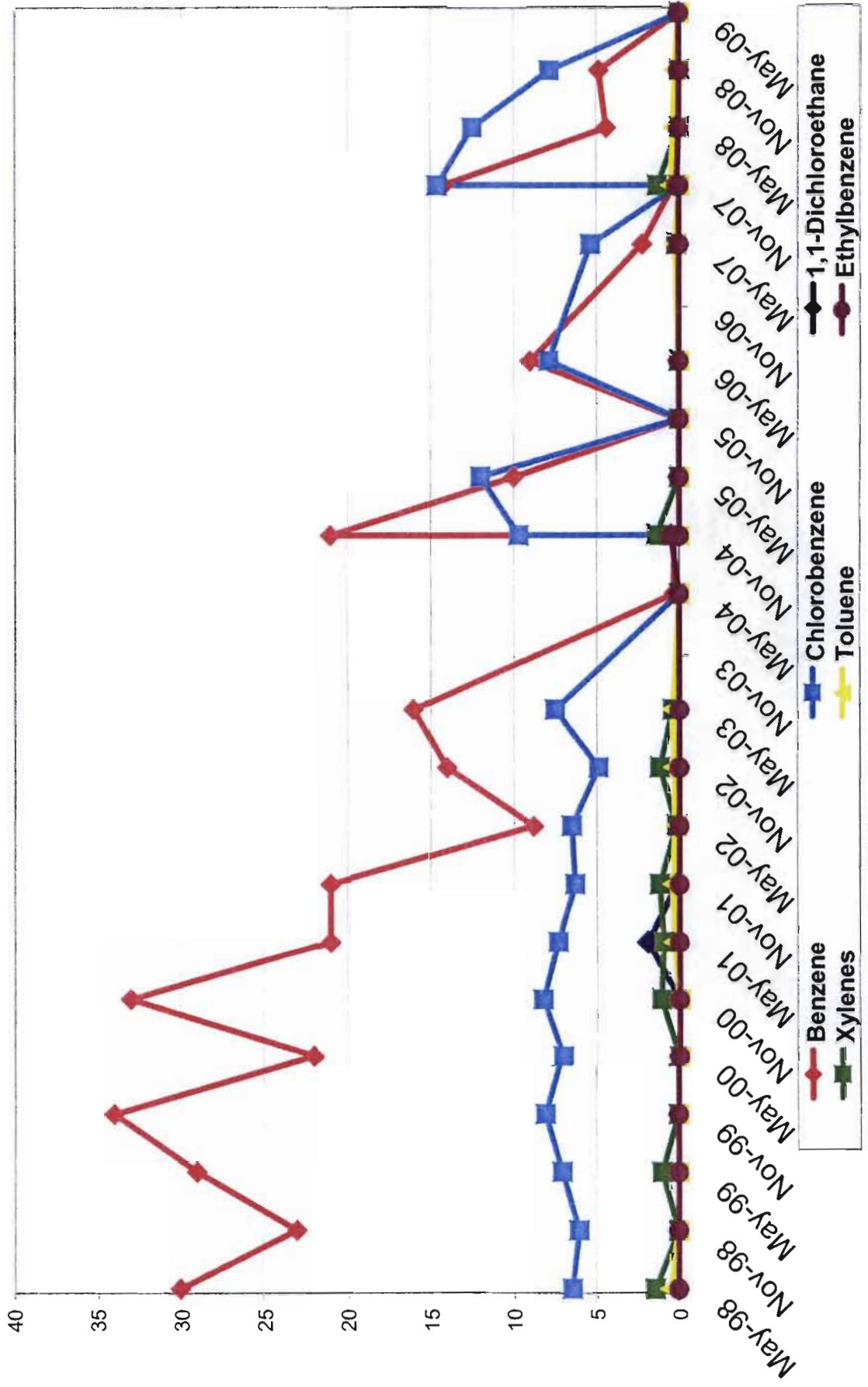


Long Term Groundwater Monitoring at LR-6
 PAS Oswego Superfund Site Groundwater
 1999 - 2009

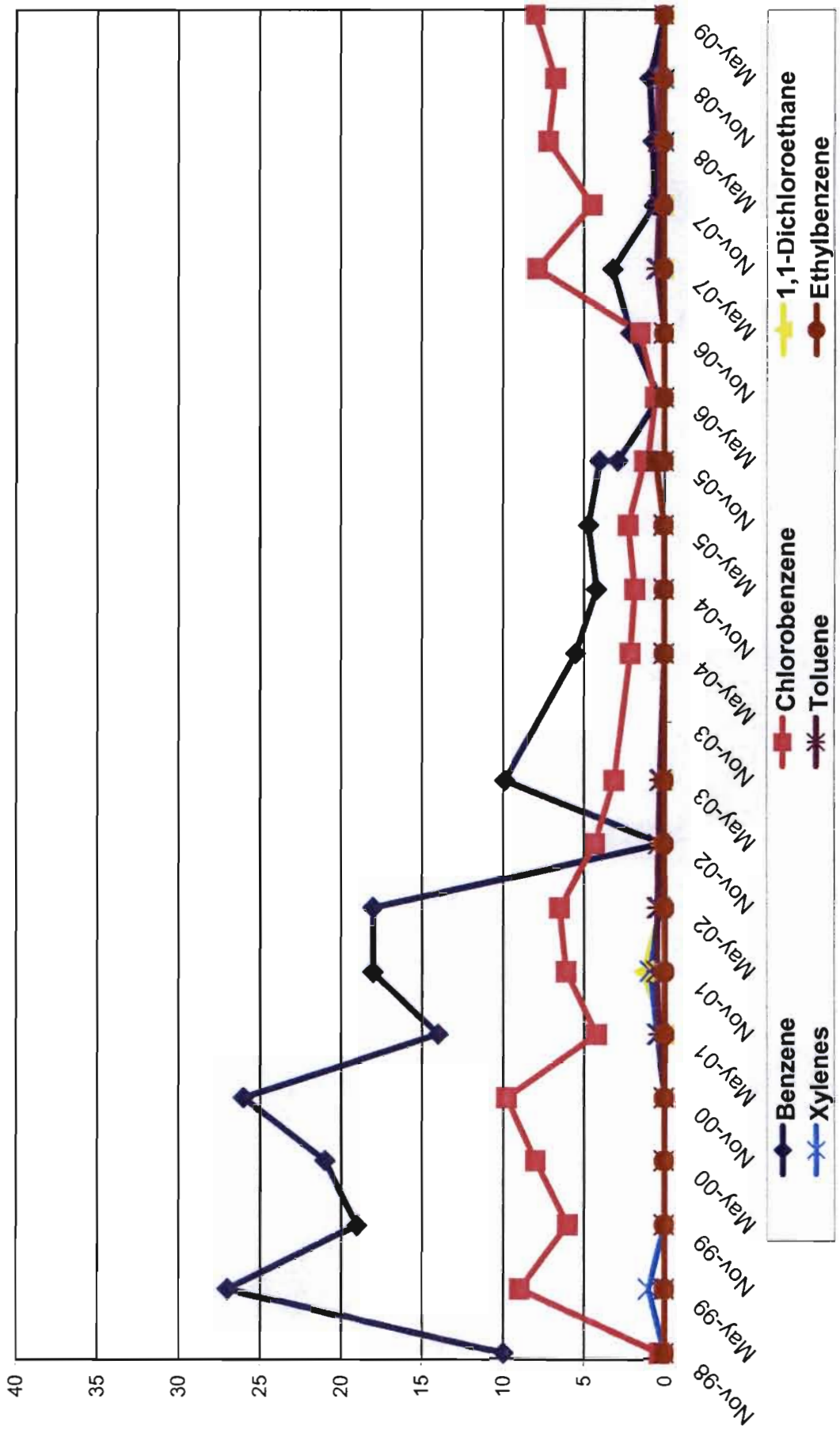


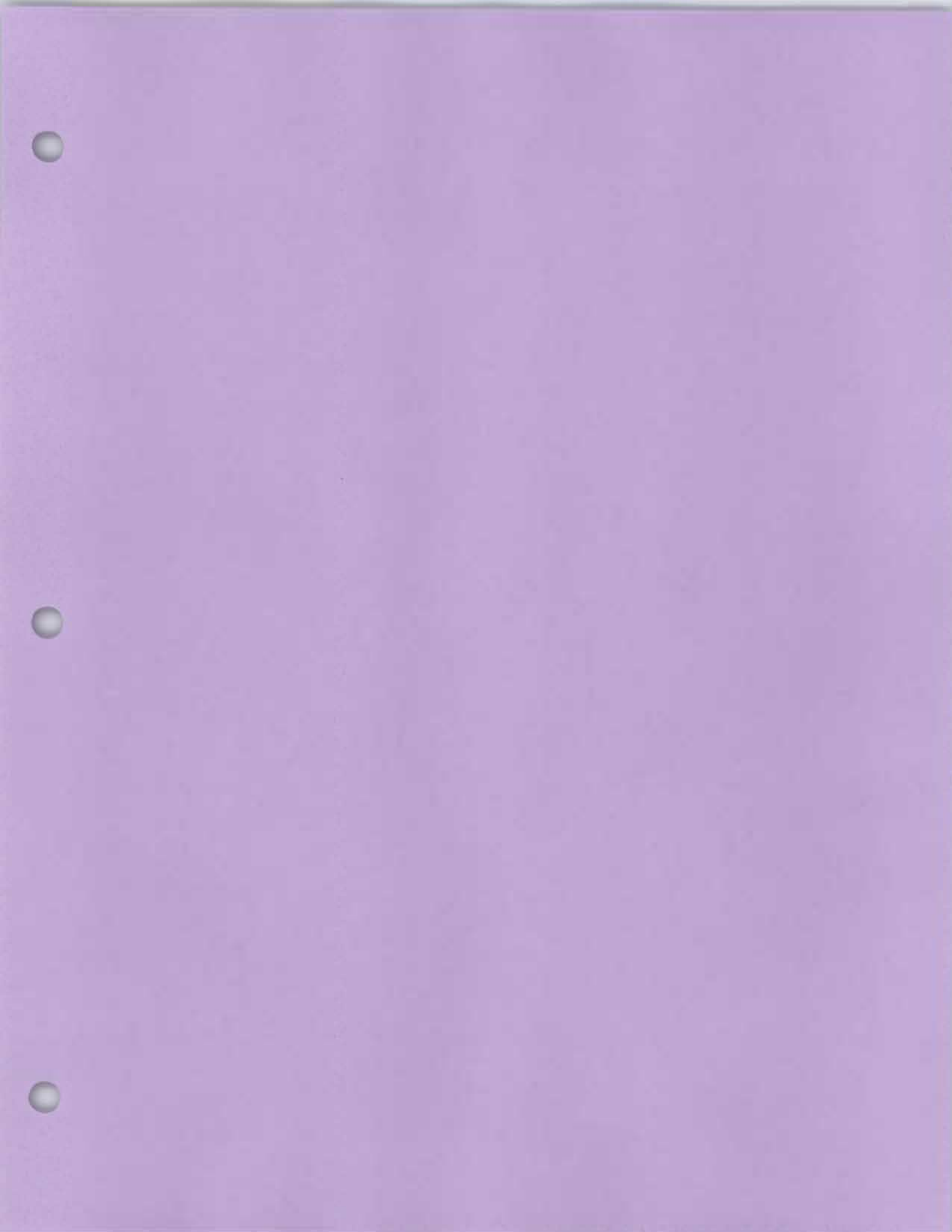
All other performance standards non-detect

Long Term Groundwater Monitoring at LR-8
 PAS Oswego Superfund Site Groundwater
 1998 - 2009

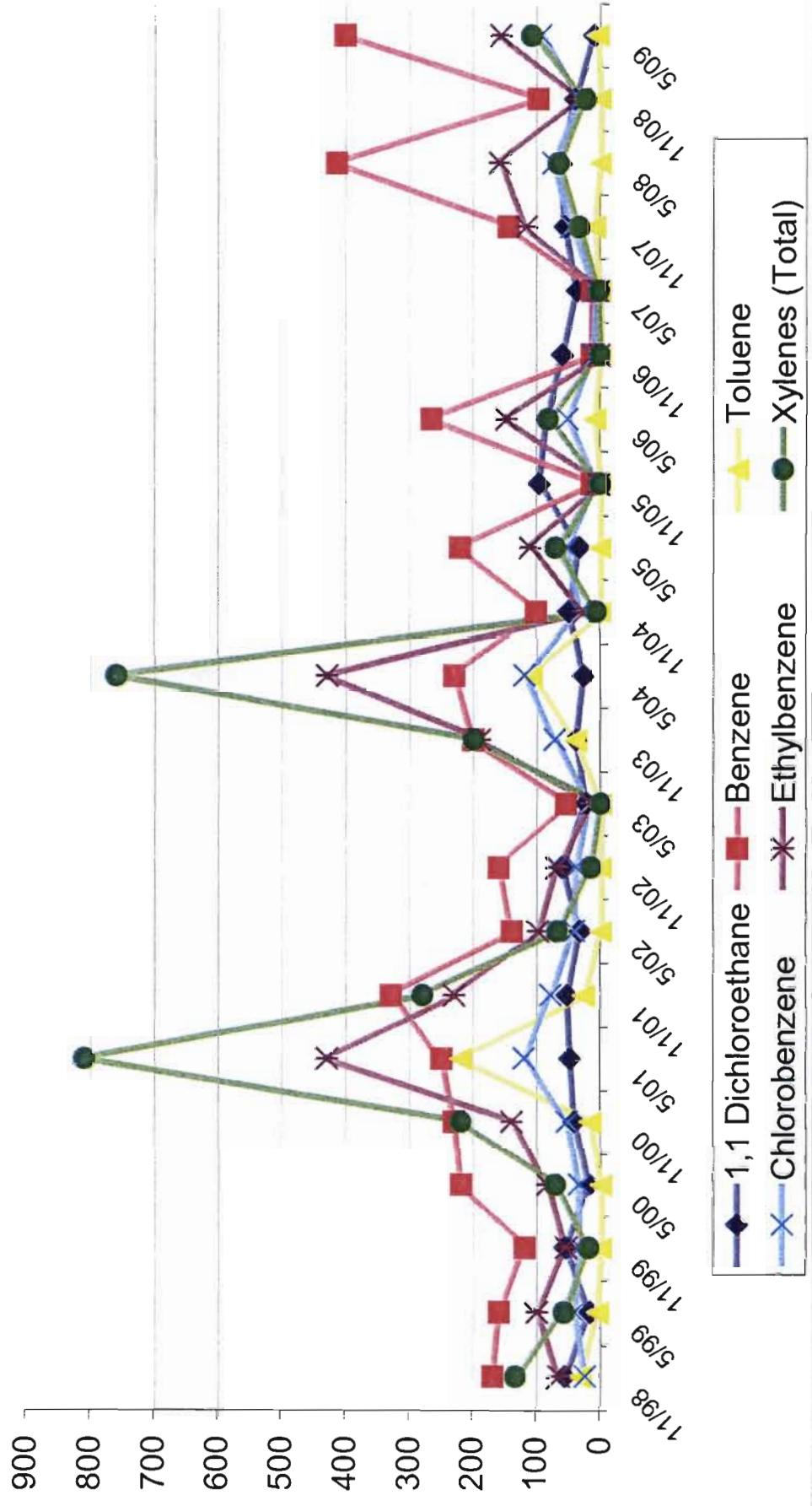


**Long Term Groundwater Monitoring at Well M-21
PAS Oswego Superfund Site Groundwater Concentrations
1998 - 2009**





LCW2 PAS Oswego Superfund Site Leachate Concentrations 1998 - 2009



LCW4 PAS Oswego Superfund Site Leachate Concentrations 1998 - 2009

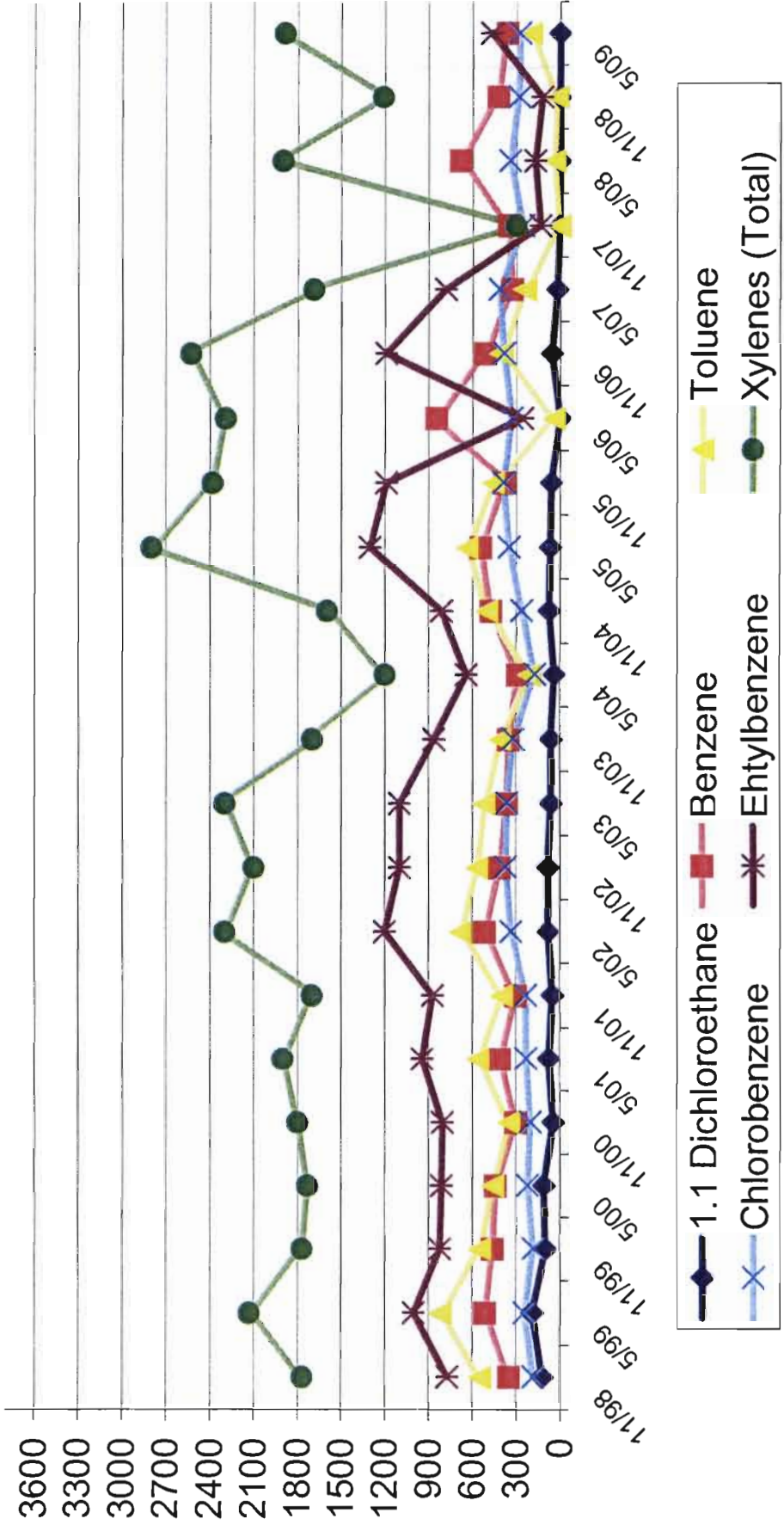


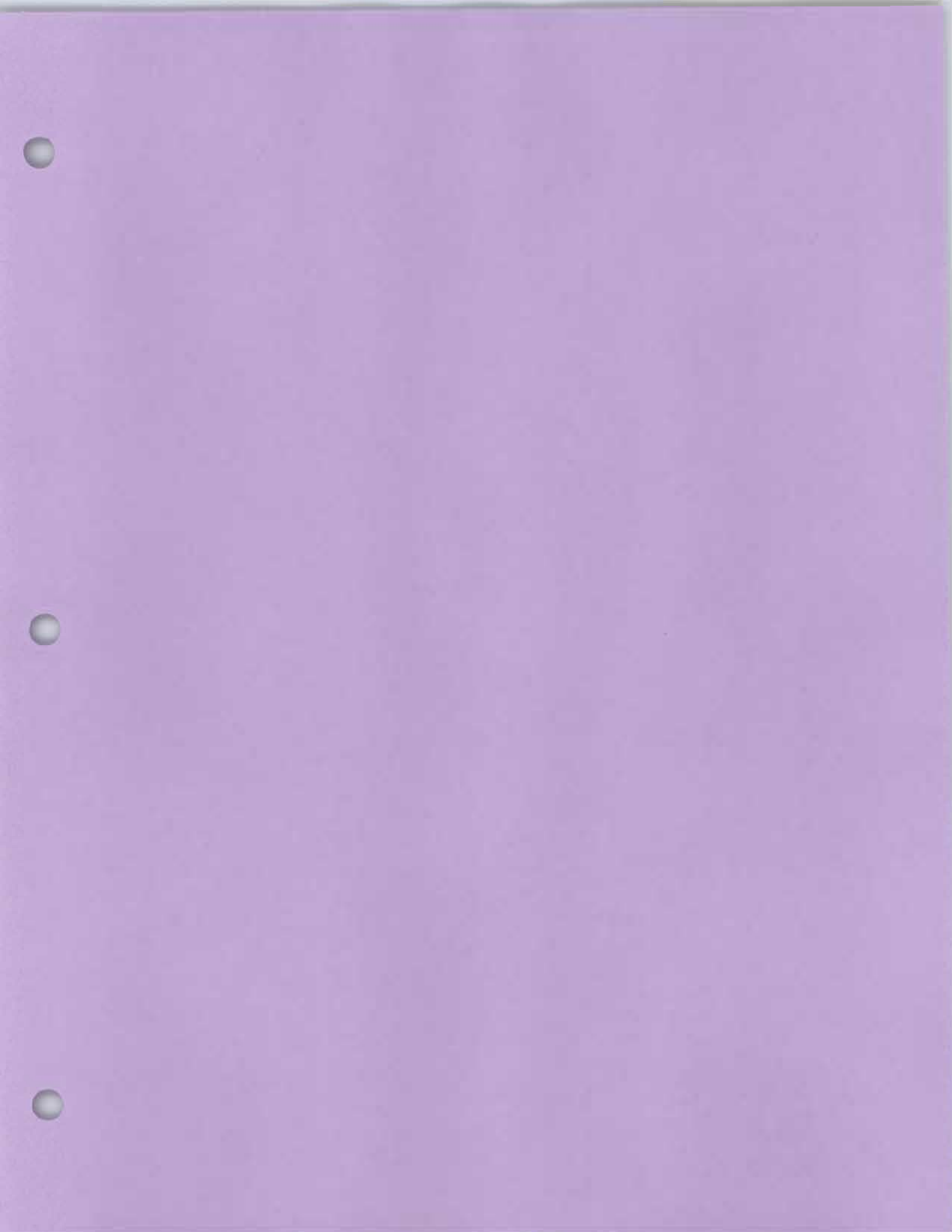
TABLE 1
Pollution Abatement Services
Oswego, NY
Additional Proposed Well Abandonment List -
July 2009

Wells Approved & Abandoned Jan07 *	Addl Proposed Wells for Abandonmen **	Date Installed	Date Abandoned	Screen Interval (ft below land surface)	Elevation of Screen Zone (ft above msl)	Total Well Depth (ft below land surface)	Ground Surface Elevation (ft above msl)	Open Borehole (ft above msl)	Elevation of Open Borehole (ft above msl)	Well Dia (in)	Measuring Pt Elev (feet above msl)
Addl WL elev mon	OS-1	10/18/84		6.0-15.0	264.6-254.6	15.0	269.63	-	-	3	272.10
Addl WL elev mon	OI-1	10/22/84		21.0-26.0	248.1-243.1	26.0	269.14	-	-	3	272.00
Addl WL elev mon	OS-3	10/24/84*		10.0-20.0	264.3-254.3	20.0	274.63	-	-	3	277.89
Addl WL elev mon	OD-3	11/01/84*		-	-	42.0	274.96	27.0-42.0	-	4	277.85
	OD-4	10/30/84	01/15/07	-	-	32.0	271.02	17.0-32.0	-	4	274.85
	LS2	11/09/88	01/15/07	7.8-17.8	279.7-269.7	18.0	287.50	-	-	2	289.81
	LD2	11/10/88	01/15/07	25.8-35.8	261.3-251.3	36.0	287.10	-	-	2	289.73
	LR2	11/17/88		45.8-55.8	241.7-231.7	56.0	287.50	-	-	2	289.85
	LD3	11/15/88		17.0-27.0	258.8-248.8	27.3	275.80	-	-	2	278.62
Addl WL elev mon	LR3	11/22/88		53.7-63.7	221.8-211.8	63.8	275.50	-	-	2	278.06
Addl WL elev mon	LD4	11/04/88		19.8-29.8	256.5-246.5	30.0	276.30	-	-	2	279.25
Addl WL elev mon	LD5	10/27/88		16.6-26.6	253.6-243.6	27.0	270.20	-	-	2	272.94
Addl WL elev mon	LS6	10/28/88		7.8-17.8	263.6-253.6	18.0	271.40	-	-	2	274.14
Addl WL elev mon	LD6	11/03/88		19.8-29.8	251.1-241.1	30.0	270.90	-	-	2	274.03
Addl WL elev mon	LR6	11/01/88		47.0-57.0	223.9-229.9	57.2	270.90	-	-	2	274.39
Addl WL elev mon	LD8	11/10/88		11.7-21.7	258.2-248.2	21.8	269.90	-	-	2	272.83
	LR8	11/11/88		29.5-39.5	240.5-230.5	39.7	270.00	-	-	2	273.42
	LS9	11/08/88	01/15/07	7.9-12.9	266.1-261.1	13.0	274.00	-	-	2	276.62
	LCW1	NA		5.3-15.3	265.9-255.9	15.3	271.40	-	-	14	272.21
	LCW2	NA		9.6-19.6	263.8-253.8	19.6	272.60	-	-	14	274.44
	LCW3	NA		NA	NA	NA	283.30	-	-	14	284.36
	LCW4	NA		NA	NA	NA	283.80	-	-	14	285.70
	SWW1	06/25/86		6.0-16.0	280.2-270.2	16.5	286.20	-	-	3	289.33
	SWW2	06/26/86		5.5-15.5	280.8-270.8	15.5	286.30	-	-	3	289.37
	SWW3	06/27/86		7.0-17.0	279.0-269.0	17.0	286.00	-	-	3	286.50
	SWW4	06/30/86		14.0-24.0	268.9-258.9	24.0	282.90	-	-	3	283.60
	SWW5	06/30/86		6.5-16.5	269.4-259.4	16.5	275.90	-	-	3	277.02
	SWW6	07/01/86		6.0-16.0	264.9-254.9	17.0	270.90	-	-	3	273.06
	SWW7	10/26/88		9.0-19.0	266.3-253.9	19.5	275.30	-	-	2	277.93
	SWW8	11/14/88		9.3-19.3	266.4-256.4	19.5	275.70	-	-	2	278.24
	SWW9	10/31/88		17.0-27.0	266.3-256.0	27.5	283.30	-	-	2	285.55
	SWW10	11/03/88		12.8-22.6	266.5-256.7	23.0	279.30	-	-	2	280.43
	SWW11	11/01/88		9.9-20.0	261.1-251.0	20.5	271.00	-	-	2	273.50
	SWW12	10/26/88		8.7-18.7	261.5-251.5	18.9	270.20	-	-	2	272.82
Addl WL elev mon.	M-21	09/17/91		-	-	39.0	270.28	18.0-39.0	252.3-231.3	6	272.32
Addl WL elev mon.	M-22	09/13/91		-	-	49.7	270.40	40.0-49.7	230.4-220.7	6	273.88
Addl WL elev mon.	M-23	09/16/91		-	-	39.5	267.98	27.7-39.5	240.3-228.5	6	270.49
	M-24	1994	01/16/07	12.3-38.5	264.2-238.0	38.5	276.50	-	-	5	-
	M-25	1994	01/16/07	15.5-33.9	249.1-230.7	33.9	264.60	-	-	5	-
	M-26	1994	01/16/07	6.5-43.1	265.4-228.8	43.1	271.90	-	-	5	-
	PZ-1	1994	01/16/07	18.3-32.3	251.3-237.3	32.3	269.60	-	-	4	-
	PZ-2	1994	01/16/07	20.0-37.0	251.0-234.0	37.0	271.00	-	-	4	-

Additional monitoring wells proposed for abandonment include those wells highlighted in yellow.

* PAS Oswego wells approved for abandonment by EPA on Nov 8, 2006 conference call are highlighted in orange. Quarterly water level monitoring to be performed at wells retained for followup review with EPA following submittal of the July 2007 Annual Progress Report.

** PAS wells originally proposed for abandonment in July 2006 PAS Oswego Annual Progress Report highlighted in yellow and re-proposed for abandonment.





LEGEND

- M-23 ○ LOCATION AND DESIGNATION OF BEDROCK MONITORING WELL
- LS-6 ⊕ LOCATION AND DESIGNATION OF OVERBURDEN MONITORING WELL
- LCW-3 ⊕ LOCATION AND DESIGNATION OF LEACHATE-COLLECTION WELL (OVERBURDEN)
- SWG-1 ▲ LOCATION AND DESIGNATION OF STREAM GAUGE
- FENCE (SITE BOUNDARY)
- - - SLURRY WALL
- - - - - APPROXIMATE LOCATION OF SUBSURFACE LEACHATE-RECOVERY TRENCH
- LAND AREAS SUBJECT TO FREQUENT, SHALLOW INUNDATION
- WETLAND AREAS DELINEATED BY MENZIE-CURA & ASSOCIATES, INC. (AUGUST 1992)
- MONITORING WELLS PROPOSED FOR ABANDONMENT

NOTES: 1. 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. (DEC. 1984), TITLED "BORING, WELL & TEST PIT PLAN." LOCATION OF SUBSURFACE LEACHATE-RECOVERY TRENCHES BASED ON SITE MAP PROVIDED BY O'BRIEN & GERE ENGINEERING INC.

2. SURFACE WATER IS SHOWN IN BLUE; AREAS SHADED GREEN REPRESENT WETLAND AREAS DELINEATED BY MENZIE-CURA & ASSOCIATES, INC. (AUGUST 1992).



SITE PLAN

PAS SITE, OSWEGO, NEW YORK

Prepared For: **de maximis, inc.**

ROUX
 ROUX ASSOCIATES, INC.
 Environmental Consulting & Management

Compiled by: LM	Date: 11/13/08	FIGURE
Prepared by: CRS	Scale: AS SHOWN	
Project Mgr: LM	Office: MA	
File No: DM0110002	Project: 32701M09	2

**TABLE 1
PAS OSWEGO SUPERFUND SITE**

ADDITIONAL BEDROCK GROUNDWATER MONITORING RESULTS

LTM CONSTITUENT	Perf Std (ug/l)	Additional Bedrock Monitoring Well Results (ug/l)											
		Addl Mon Well M-22					Addl Mon Well M-23						
		2005	Apr 06	May 06	May 09	2005	Apr 06	May 06	May 09				
Benzene	0.7	NS	0.12J	ND	ND	NS	ND	ND	ND	NS	ND	ND	ND
Chlorobenzene	5	NS	1J	ND	ND	NS	ND	ND	ND	NS	ND	ND	ND
1,1-Dichloroethane	5	NS	ND	0.14J	ND	NS	0.86	0.9	0.82	NS	0.9	0.82	0.82
Ethylbenzene	5	NS	ND	ND	ND	NS	ND	ND	ND	NS	ND	ND	ND
Toluene	5	NS	ND	ND	ND	NS	ND	ND	ND	NS	ND	ND	ND
Xylenes	5	NS	ND	ND	ND	NS	ND	ND	ND	NS	ND	ND	ND

NOTES:

1. Additional downgradient bedrock wells M-22, M-23 and OD-3 monitored during April and May 2006 pursuant to January 25, 2006 letter to EPA and EPA approval letter dated February 2, 2006..

PAS Oswego Site

Table 2

Additional Leachate Sampling

Analyte	Criteria*	11/5/2008	11/5/2008	2/4/2009	5/21/2009	5/21/2009
VOC						
Benzene	Qtrly SIU * No Limit	Sample #1 100E ug/L	Sample #2 104 ug/L	Sample #1 147E ug/L	Sample #1 137E ug/L	Sample #2 243 ug/L
cis-1,2 - Dichloroethene	3000 ug/L	9.06 ug/L	8.3 ug/L	68.3E ug/L	105E ug/L	84.3 ug/L
Methylene chloride	3000 ug/L	ND	ND	ND	1.14 ug/L	ND
Toluene	5000 ug/L	1.05 ug/L	ND	116E ug/L	161E ug/L	149 ug/L
trans 1,2 - Dichloroethene	3000 ug/L	ND	ND	1.16 ug/L	1.39 ug/L	ND
Trichloroethene	3000 ug/L	15.0 ug/L	13.6 ug/L	2.82 ug/L	2.86 ug/L	ND
Vinyl chloride	* No Limit	5.16 ug/L	ND	25.2 ug/L	43.3E ug/L	41.1 ug/L
Metals						
Arsenic	2.0 mg/L	0.026 mg/L	0.026 mg/L	0.016mg/L	0.015 mg/L	0.015 mg/L
Barium	5.0 mg/L	0.11 mg/L	0.11 mg/L	ND	0.33 mg/L	0.33 mg/L
Chromium	2.0 mg/L	ND	ND	0.013mg/L	0.015 mg/L	0.015 mg/L
Copper	1.5 mg/L	0.014 mg/L	0.014 mg/L	ND	ND	ND
Iron	10.0 mg/L	0.77 mg/L	0.77 mg/L	1.4mg/L	9.0 mg/L	9.0 mg/L
Lead	2.0 mg/L	ND	ND	ND	ND	ND
Nickel	5.0 mg/L	0.29 mg/L	0.29 mg/L	0.56mg/L	0.66 mg/L	0.66 mg/L
Zinc	5.0 mg/L	0.041 mg/L	0.041 mg/L	0.071mg/L	ND	ND
Analyte						
BOD5	300 mg/L	7.7 mg/L	7.7 mg/L	15mg/L	19 mg/L	19 mg/L
TDS	No limit	1400 mg/L	1400 mg/L	1600mg/L	1600 mg/L	1600 mg/L
TSS	350 mg/L	ND	ND	6.5mg/L	16 mg/L	16 mg/L
TKN	40 mg/L	11 mg/L	11 mg/L	43mg/L	38 mg/L	38 mg/L
Phosphorus	10.0 mg/L	ND	ND	0.10mg/L	ND	ND
Phenolics	10.0 mg/L	0.085 mg/L	0.085 mg/L	0.11mg/L	0.13 mg/L	0.13 mg/L
pH	5.5 - 9.9 su	8.4 su	8.4 su	8.6 su	7.8 su	7.8 su

Representative samples collected from hose to truck for disposal @ City of Auburn, NY POTW

*Auburn Wastewater Treatment Facility disposal criteria

QUARTERLY PROGRESS REPORT 3rd QUARTER 2008
Operation, Maintenance and Long-term Monitoring Activities

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

PERIOD COVERED: July - September 2008 (3rd Quarter)

ACTIONS TAKEN DURING QUARTER:

- 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 30,334 gallons of leachate were removed during the period of July 2008 through September 2008. 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". OP-TECH Environmental Services provided the transportation of the waste, which was arranged by O'Brien & Gere Operations. Leachate was transported off-site and disposed at the City of Auburn, New York Wastewater Treatment Facility.
- Routine ground water elevation monitoring was performed on July 7, August 4, and September 8, 2008 for wells SWW-1 through SWW-12, and LCW-1 through LCW- 4.
- On August 4, 2008, quarterly ground water elevation monitoring was performed. Quarterly ground-water elevation results for the M-series wells M-21 through M-23, LR-series wells LR-2, -3, -6, -8, along with OS-1, OS-3, OI-1, OD-3, LD-3, LD-4, LD-5, LD-6, LD-8, and LS-6 were recorded.
- Site maintenance activities were conducted on July 15, 18, and 22, August 4, and September 8, 2008. The maintenance activities included mowing of the land cap in July, perimeter fence inspection, removal of vegetation from the perimeter fence, and French drain system, leachate holding tank weather cover inspection, well pump control power panel inspections, monitoring well inspections, and the inspection of the spill control materials. The sites wooden storage shed was cleaned and supplies inspected. These maintenance activities were performed in accordance with the approved Work Plan.

- During this reporting period, an O'Brien & Gere Field Technician applied sodium hydroxide in pellet form, and powdered hydrated lime into the leachate held within the holding tank prior to well pumping. The additives were mixed by means of the leachate flow being pumped into the holding tank. The chemical additions aid in the substantial removal of soluble iron from the leachate to conform with City of Auburn Wastewater Treatment Facility requirements. Leachate was pumped into two OP-TECH Environmental Services transportation vehicles. One 3000-gallon capacity vector truck, and one 8000 gallon capacity tanker were used for the transportation of the leachate. The leachate was pumped from the holding tank into each transport vehicle through an inline bag filter system provided by O'Brien & Gere, for iron removal. Iron removal testing was conducted to verify effectiveness of bag filter system. Operating procedures related to the installation and use of the bag filter system were provided to EPA on September 4, 2008.

RESULTS OF FIELD ACTIVITIES:

- Ground water elevation data collected on July 7, August 4, and September 8, 2008 are attached (see Attachment A-1).
- The routine leachate disposal and site inspection checklists are attached (see Attachment A-2).
- Additional leachate sampling data are attached (see Attachment A-5).

DOCUMENTATION OF REMOVAL ACTIVITIES DURING PREVIOUS QUARTER:

- Non-hazardous waste manifests (see Attachment A-3).
- Waste Treatment/Disposal Verifications (see Attachment A-4)

JULY 31, 2008

Manifest #	Amount (gal)	Date Removed
OPT0001	8,225	07/31/2008
OPT0002	1,919	07/31/2008

July 31, 2008 Total = 10,144 gallons

July 2008 Total = 10,144 gallons

AUGUST 7, 2008

Manifest #	Amount (gal)	Date Removed
OPT0003	8,300	08/07/2008
OPT0004	1,900	08/07/2008

August 7, 2008 Total = 10,200 gallons

August 2008 Total = 10,200 gallons

SEPTEMBER 10, 2008

Manifest #	Amount (gal)	Date Removed
OPT0005	8,000	09/10/2008
OPT0006	2,000	09/10/2008

September 10, 2008 Total = 10,000 gallons

September 2008 Total = 10,000 gallons

• **CUMULATIVE REMOVAL QUANTITIES**

Cumulative gallons removed during 3rd quarter
under Work Plan - July through September 2008

30,344

ATTACHMENT A-1

GROUND-WATER ELEVATION DATA

Pre-Pumping Monitoring Well Levels

August 4, 2008
9:30 AM

Well Number	Ground		Riser			August 2008				Within Range?			Ground-Water	
	Elevation	Elevation	Reading 1	Reading 2	Reading 3	Average	Low	High	Y / N	Elevation	Elevation			
SWW1	286.20	289.33	10.18	10.18	10.18	10.55	10.13	11.00	Yes	279.15	279.15			
SWW2	286.30	289.37	15.81	15.81	15.81	15.91	15.65	16.25	Yes	273.56	273.56			
SWW3	286.00	286.50	17.05	17.05	17.05	16.99	16.76	17.18	Yes	269.45	269.45			
SWW4	282.90	283.60	18.00	18.00	18.00	16.93	16.03	17.25	No	265.60	265.60			
SWW5	275.90	277.02	12.40	12.40	12.40	12.87	12.26	13.90	Yes	264.62	264.62			
SWW6	270.90	273.06	9.15	9.15	9.15	9.60	9.31	10.00	No	263.91	263.91			
SWW7	273.30	277.93	8.04	8.04	8.04	8.36	8.24	8.64	No	269.89	269.89			
SWW8	275.70	278.24	5.52	5.52	5.52	7.20	5.75	9.01	No	272.72	272.72			
SWW9	283.30	285.55	17.65	17.65	17.65	17.71	17.45	17.98	Yes	267.90	267.90			
SWW10	279.30	280.43	14.14	14.14	14.14	15.14	14.10	16.42	Yes	266.29	266.29			
SWW11	271.00	273.50	8.55	8.55	8.55	8.97	8.42	9.92	Yes	264.95	264.95			
SWW12	270.20	272.82	11.45	11.45	11.45	13.11	11.68	14.55	No	261.37	261.37			
LCW-1	271.40	272.21	7.80	7.80	7.80	7.80	8.38	10.71	No	264.41	264.41			
LCW-2	272.60	274.44	10.05	10.05	10.05	10.05	10.61	12.96	No	264.39	264.39			
LCW-3	283.30	284.36	18.03	18.03	18.03	18.03	18.09	19.34	No	266.33	266.33			
LCW-4	283.80	285.70	17.10	17.10	17.10	17.10	18.00	19.95	No	268.60	268.60			
OS-1	269.63	272.10	12.58	12.58	12.58	12.58				259.52	259.52			
OI-1	269.14	272.00	12.70	12.70	12.70	12.70				259.30	259.30			
OS-3	274.63	277.89	15.92	15.92	15.92	15.92				261.97	261.97			
OD-3	274.96	277.85	15.78	15.78	15.78	15.78				262.07	262.07			
LD-3	275.80	278.62	5.90	5.90	5.90	5.90				272.72	272.72			
LD-4	276.30	279.25	13.30	13.30	13.30	13.30				265.95	265.95			
LD-5	270.02	272.94	12.14	12.14	12.14	12.14				260.80	260.80			
LS-6	271.40	274.14	12.60	12.60	12.60	12.60				261.54	261.54			
LD-6	270.09	274.03	11.68	11.68	11.68	11.68				262.35	262.35			
LD-8	269.90	272.83	9.33	9.33	9.33	9.33				263.50	263.50			
LR-2	287.50	289.85	13.82	13.82	13.82	13.82				276.03	276.03			
LR-3	275.50	278.06	8.74	8.74	8.74	8.74				269.32	269.32			
LR-6	270.90	274.39	10.78	10.78	10.78	10.78				263.61	263.61			
LR-8	270.00	273.42	10.83	10.83	10.83	10.83				262.59	262.59			
M-21	270.28	272.32	10.42	10.42	10.42	10.42				261.90	261.90			
M-22	270.40	273.88	10.74	10.74	10.74	10.74				263.14	263.14			
M-23	267.98	270.49	13.22	13.22	13.22	13.22				257.27	257.27			

ATTACHMENT A-2

SITE INSPECTION CHECKLIST AND LEACHATE DISPOSAL



O'BRIEN & GERE

PAS Oswego
Oswego, NY

Site Inspection Checklist

Date 7-15-08
7-18-08
7-22-08

Time 8:00

Field Technician MARTIN KLEWAK
NEAL PARSELL

Weather Sunny 75°

Site Feature	Check ✓	Condition / Maintenance Performed
Cap		
Burrowing Animals	✓	None visible
Cap vegetation	✓	good
Concrete drainage trough	✓	CLEANED + TRIMMED BACK vegetation
French drain	✓	OK
Weeds	✓	NA
Leachate Collection System / Building		
Pumps	✓	Responding LCW - 1 Low Flow
Pump controls / alarms	✓	NA
Tank level	✓	10"
Monitoring Wells		
Locks	✓	OK
Riser	✓	OK
Surface completion	✓	NA
General Site Condition		
Foliage	✓	Good
Perimeter fence	✓	OK Clearing vegetation
Site access driveway	✓	OK
Stream gauges	✓	NA
Other Items		
Equipment storage shed	✓	OK Deteriorating
Fire extinguishers	✓	OK
Spill control material	✓	OK
PPE	✓	OK STOCKED

Remarks (use separate sheet is required)

7-15-08 }
7-18-08 } MOWING site CLEANED CONCRETE TROUGH, TRIMMED AREA
7-22-08 } TANK, SHED etc. CLEARING ROAD SIDE FENCE LINE
7-23-08 NATIONAL GRID on site CHANGED METER on SERVICE ALL REMOVED AT 0



O'BRIEN & GERE

PAS Oswego
Oswego, NY

Site Inspection Checklist

Date 8-4-08

Time 9:30

Field Technician MARTIN KENNEDY Weather P-SUNNY 75°

Site Feature	Check ✓	Condition / Maintenance Performed
Cap		
Burrowing Animals	✓	NONE VISIBLE
Cap vegetation	✓	GOOD
Concrete drainage trough	✓	GOOD
French drain	✓	OK
Weeds	✓	NA
Leachate Collection System / Building		
Pumps	✓	Responding
Pump controls / alarms	✓	NA
Tank level	✓	5"
Monitoring Wells		
Locks	✓	OK Replaced Locks on SWW3 and 100
Riser	✓	OK
Surface completion	✓	NA
General Site Condition		
Foliage	✓	GOOD
Perimeter fence	✓	OK
Site access driveway	✓	OK
Stream gauges	✓	NA
Other Items		
Equipment storage shed	✓	OK Deteriorating
Fire extinguishers	✓	OK
Spill control material	✓	OK STOCKED
PPE	✓	OK

Remarks (use separate sheet is required)

Quarterly well levels, Pumping LCW-1, LCW-2
Treating with Sodium Hydroxide and Hydrated Lime
TANK Samples

O'Brien and Gere Inc., of North America

PAS Site
Oswego, New York

Site Inspection Checklist

Date: 8-27-08

Time: 9:00

Personnel: MARTIN KOENNECKE

Weather: Sunny 60°

Site Feature	Previous Inspection Date	Condition/Maintenance Activity
Cap	8-4-08	
Burrowing Animals	NONE USABLE	
Cap Vegetation	GOOD	
Concrete Drainage Trough	OK	
French Drain	OK	
Weeds	NA	
Leachate Collection System		
Pumps	Responding	
Pump Controls/Alarms	NA	
Tank Level	5"	
Monitoring Wells		
Locks	OK	
Riser	OK	
Surface Completion	NA	
General Site Conditions		
Foliage	Good	
Perimeter Fence	OK	
Site Access Drive	OK	
Stream Gauges	NA	
Other Items		
Equipment Storage Shed	Deteriorating	
Fire Extinguisher	OK	
Spill Control Materials	OK STOCKED	

REMARKS/SPECIAL MAINTENANCE: (includes separate detailed maintenance report, if necessary) MONTHLY INSPECTION

TRIMMED AREAS AROUND SHED, TANK & Bay Filters & Gate



O'BRIEN & GERE

PAS Oswego
Oswego, NY

Site Inspection Checklist

Date 9-8-08

Time 9:00 AM

Field Technician MARTIN KOENIGKE Weather SUNNY 65°

Site Feature	Check ✓	Condition / Maintenance Performed
Cap		
Burrowing Animals	✓	NONE VISIBLE
Cap vegetation	✓	GOOD
Concrete drainage trough	✓	OK
French drain	✓	OK
Weeds	✓	NA
Leachate Collection System / Building		
Pumps	✓	Responding
Pump controls / alarms	✓	NA
Tank level	✓	5"
Monitoring Wells		
Locks	✓	OK
Riser	✓	OK
Surface completion	✓	NA
General Site Condition		
Foliage	✓	GOOD
Perimeter fence	✓	OK
Site access driveway	✓	OK
Stream gauges	✓	NA
Other Items		
Equipment storage shed	✓	OK - Deteriorating
Fire extinguishers	✓	OK
Spill control material	✓	OK - STACKED
PPE	✓	OK - STACKED

Remarks (use separate sheet is required)

monthly well levels, Pumping LCW-1, LCW-2, samples then treatment



OBRIEN & GERE

**PAS Site
Oswego, New York**

Leachate Disposal Checklist

Field Technician: MARTIN KOENNECKE Time on-site: 8:00

Transportation Subcontractor: _____

Leachate Destination: _____

Date: 7-23-08

Well	Leachate Collection Well Pumping		Well Pumping Flow Rate Analyses		Flow Rate Calculation
	Start Time	Stop Time	Time	Tank Elev. (Down)	
LCW-1	11:00	12:30			
LCW-2	11:00	12:30			
LCW-3	NOT PUMPED				
LCW-4	NOT PUMPED				
Leachate Holding Tank Height:					
Start	10"	1	28" x 305 gal ÷ 90 min = 94.8 GPM		
Stop	38"	= 11590 gal			
End		1			
Initial Flow Meter Reading:					
Final Flow Meter Reading:					

Load	(Pre-Loading) Tanker		(Post-Loading) Tanker		Destination	Gallons
	Time Start	Confirmed Clean	Time Stop	Tanker Volume (by Stick Mass)	Manifest(s) Numbers	
Load #1						
Load #2						
Load #3						
Load #4						



O'BRIEN & GERE

PAS Site
Oswego, New York

Filtering
Leachate ~~Disposal~~ Checklist

Field Technician: MARTIN KOENNAKE Time on-site: 9:30

Transportation Subcontractor: _____

Leachate Destination: _____

Date: 7-29-08

Well	Leachate Collection Well Pumping		Well Pumping Flow Rate Analyses		Flow Rate Calculation
	Start Time	Stop Time	Time	Tank Elev. (Down)	
LCW-1					
LCW-2					
LCW-2					
LCW-4					
Leachate Holding Tank Height: <u>-38"</u>					
Start <u>10:00 Pumping Holding Tank Through 10 mic Bag filters</u>					
Step <u>11:00 Samples for FE, PH RESTART with with 1-mic</u>					
End <u>Bag filters sampled for FE + PH 12:10</u>					
Initial Flow Meter Reading:					
Final Flow Meter Reading:					

Load	(Pre-Loading) Tanker		(Post-Loading) Tanker		Destination	Gallons
	Time Start	Confirmed Clean	Time Stop	Tanker Volume (by Stick Mass)	Manifest(s) Numbers	
Load #1						
Load #2						
Load #3						
Load #4						



O'BRIEN & GERE

**PAS Site
Oswego, New York**

Leachate Disposal Checklist

Project Personnel: MARTIN KOENMACK Time on-site: 8:30

Transportation Subcontractor: OPTELH ENVIRONMENTAL SERVICES

Leachate Destination: CITY OF AUBURN WASTEWATER TREATMENT PLANT

Date: 7-31-08

Well	Leachate Collection Well Pumping		Well Pumping Flow Rate Analyses		Flow Rate Calculation	Remarks
	Start Time	Stop Time	Time	Tank Elev. (Down)		
LCW-1						
LCW-2						
LCW-2						
LCW-4						
Leachate Holding Tank: <u>START - 38"</u> <u>END 5"</u>						
Initial Flow Meter Reading:						
Final Flow Meter Reading: <u>LOADED 10,144 gallons</u>						

Load	(Pre-Loading) Tanker		(Post-Loading) Tanker		Destination	Remarks
	Time	Confirmed Clean	Time	Tanker Volume (by Stick Mass)	Manifest(s) Numbers	
Load #1	<u>9:00</u>	<u>Yes</u>	<u>9:45</u>	<u>50"</u>	<u>OPT0001</u>	<u>8225 gal</u>
Load #2	<u>9:55</u>	<u>Yes</u>	<u>10:20</u>	<u>49"</u>	<u>OPT0002</u>	<u>1919 gal</u>
Load #3						
Load #4						



O'BRIEN & GERE

PAS Site
Oswego, New York

Leachate Disposal Checklist

Field Technician: MARTIN KOENNECKE Time on-site: 4:30

Transportation Subcontractor: _____

Leachate Destination: _____

Date: 8-4-08

Well	Leachate Collection Well Pumping		Well Pumping Flow Rate Analyses		Flow Rate Calculation
	Start Time	Stop Time	Time	Tank Elev. (Down)	
LCW-1	10:45	12:45			
LCW-2	10:45	12:45			
LCW-3	NOT	PUMPED			
LCW-4	NOT	PUMPED			
Leachate Holding Tank Height:					
Start	5"		TREATED TANK 100lb		
Stop	38"		AND 1lb HYDRATED LIME		
End			PAPER PH TEST -9.00		
Initial Flow Meter Reading:					
Final Flow Meter Reading:					

Load	(Pre-Loading) Tanker		(Post-Loading) Tanker		Destination	Gallons
	Time Start	Confirmed Clean	Time Stop	Tanker Volume (by Stick Mass)	Manifest(s) Numbers	
Load #1						
Load #2						
Load #3						
Load #4						



O'BRIEN & GERE

PAS Site
Oswego, New York

Leachate Disposal Checklist

Field Technician: MARTIN KOENIGKE Time on-site: 7:15
Transportation Subcontractor: OPTech ENVIRONMENTAL SERVICES
Leachate Destination: CITY OF AUBURN WATER POLLUTION CONTROL PLANT
Date: 8-7-08

Well	Leachate Collection Well Pumping		Well Pumping Flow Rate Analyses		Flow Rate Calculation
	Start Time	Stop Time	Time	Tank Elev. (Down)	
LCW-1					
LCW-2	<u>LCW 1 & 2 PUMPED</u>			<u>8-4-08</u>	
LCW-2					
LCW-4					
Leachate Holding Tank Height:					
Start <u>38"</u>					
Stop _____					
End <u>5" AFTER LOADING TRUCKS</u>					
Initial Flow Meter Reading: <u>LOADED 33" X 305 = 19065 EST</u>					
Final Flow Meter Reading: _____					

Load	(Pre-Loading) Tanker		(Post-Loading) Tanker		Destination	Gallons
	Time Start	Confirmed Clean	Time Stop	Tanker Volume (by Stick Mass)	Manifest(s) Numbers	
Load #1	<u>7:40</u>	<u>Yes</u>	<u>8:40</u>	<u>50"</u>	<u>OPT-0003</u>	<u>8,300</u>
Load #2	<u>8:45</u>	<u>Yes</u>	<u>9:15</u>	<u>41"</u>	<u>OPT 0004</u>	<u>1,900</u>
Load #3						
Load #4						



O'BRIEN & GERE

PAS Site
Oswego, New York

Leachate Disposal Checklist

Field Technician: MARTIN Koenecke Time on-site: 9:00 AM

Transportation Subcontractor: _____

Leachate Destination: _____

Date: 9-8-08

Well	Leachate Collection Well Pumping		Well Pumping Flow Rate Analyses		Flow Rate Calculation
	Start Time	Stop Time	Time	Tank Elev. (Down)	
LCW-1	10:15	12:15		34" = 10,320 ÷ 120min = 86.4 GPM	
LCW-2	10:15	12:15			
LCW-3	NOT PUMPED				
LCW-4	NOT PUMPED				

Leachate Holding Tank Height:

Start 5" | 1 | at 36" PH - 7.00 | ADDED Lime + 50/lbs Caustic Bricks

Stop 39" | 1 | at 39" PH - 8.90

End _____ | 1

Initial Flow Meter Reading:

Final Flow Meter Reading:

Load	(Pre-Loading) Tanker		(Post-Loading) Tanker		Destination	Gallons
	Time Start	Confirmed Clean	Time Stop	Tanker Volume (by Stick Mass)	Manifest(s) Numbers	
Load #1						
Load #2						
Load #3						
Load #4						



O'BRIEN & GERE

PAS Site
Oswego, New York

Leachate Disposal Checklist

Field Technician: MARTIN KORNVECKE Time on-site: 7:10
Transportation Subcontractor: OPTECH ENVIRONMENTAL SERVICES
Leachate Destination: CITY OF AUBURN WASTE WATER TREATMENT PLANT
Date: 9-10-08

Well	Leachate Collection Well Pumping		Well Pumping Flow Rate Analyses		Flow Rate Calculation
	Start Time	Stop Time	Time	Tank Elev. (Down)	
LCW-1					PUMPED 9-8-08
LCW-2					
LCW-2					
LCW-4					
Leachate Holding Tank Height:					
Start <u>39"</u> = <u>11,895 gal</u>					
Stop <u>AFTER Pump out - 6"</u> = <u>1,830 gal</u>					
End <u>LOADED</u> = <u>10,065 gallons out.</u>					
Initial Flow Meter Reading:					
Final Flow Meter Reading:					

SAMPLED TANK PRE Pumpout - PH 8.8 / Sampled AFTER 1mic Bag Filter - PH 8.8

Load	(Pre-Loading) Tanker		(Post-Loading) Tanker		Destination	Gallons
	Time Start	Confirmed Clean	Time Stop	Tanker Volume (by Stick Mass)	Manifest(s) Numbers	
Load #1	<u>8:00</u>	<u>Yes</u>	<u>8:45</u>	<u>48.5"</u>	<u>OPT005</u>	<u>8,000</u>
Load #2	<u>8:50</u>	<u>Yes</u>	<u>9:10</u>	<u>45"</u>	<u>OPT006</u>	<u>2,000</u>
Load #3						
Load #4						



O'BRIEN & GERE

PAS Oswego
Oswego, NY

Site Inspection Checklist

Date 9-29-08

Time 9:30

Field Technician MARTIN KOENIGKE

Weather OVERCAST 55°

Site Feature	Check ✓	Condition / Maintenance Performed
Cap		
Burrowing Animals	NONE	VISIBLE
Cap vegetation	✓	GOOD
Concrete drainage trough	✓	OK
French drain	✓	OK
Weeds	✓	NA
Leachate Collection System / Building		
Pumps	✓	RESPONDING
Pump controls / alarms	✓	NA
Tank level	✓	
Monitoring Wells	✓	6"
Locks	✓	OK
Riser	✓	OK
Surface completion	✓	NA
General Site Condition		
Foliage	✓	GOOD
Perimeter fence	✓	OK
Site access driveway	✓	OK
Stream gauges	✓	NA
Other Items		
Equipment storage shed	✓	DETERIORATING
Fire extinguishers	✓	OK
Spill control material	✓	OK STOCKED
PPE	✓	OK STOCKED

Remarks (use separate sheet is required)

2nd Monthly Inspection

ATTACHMENT A-3

NON-HAZARDOUS WASTE MANIFESTS

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. <i>0000000000</i>		Manifest Document No. <i>OPT0001</i>	2. Page <u>1</u> of <u>1</u>
3. Generator's Name and Mailing Address <i>OP Tech Environmental Services, Inc. 10000 Old York Road Columbia, MD 21046</i>					
4. Generator's Phone () <i>410-276-8000</i>					
5. Transporter 1 Company Name <i>OP Tech Environmental Services, Inc.</i>		6. US EPA ID Number <i>0000000000</i>		A. State Transporter's ID <i>0000000000</i>	
				B. Transporter 1 Phone <i>410-276-8000</i>	
7. Transporter 2 Company Name		8. US EPA ID Number		C. State Transporter's ID	
				D. Transporter 2 Phone	
9. Designated Facility Name and Site Address <i>OP Tech Environmental Services, Inc. 10000 Old York Road Columbia, MD 21046</i>		10. US EPA ID Number		E. State Facility's ID	
				F. Facility's Phone <i>410-276-8000</i>	
11. WASTE DESCRIPTION			12. Containers		13. Total Quantity
			No.	Type	14. Unit Wt./Vol.
a. <i>Non RCRA, Non DOT Regulated Liquids (Leachate Water)</i>			<i>1</i>	<i>TT</i>	<i>8225 G</i>
b.					
c.					
d.					
G. Additional Descriptions for Materials Listed Above			H. Handling Codes for Wastes Listed Above		
<i>a</i>			<i>T</i>		
15. Special Handling Instructions and Additional Information <i>Emergency Response: OP TECH Environmental Services, Inc @ 1-800-225-6760 Job # SOBE00071</i>					
<i>Stick measure 50"</i>					
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.					
Printed/Typed Name <i>AS AGENT</i> MARTIN KOENNELKE				Signature <i>MS AGENT</i> <i>Martin Koennelke</i>	
				Date Month <i>07</i> Day <i>31</i> Year <i>08</i>	
17. Transporter 1 Acknowledgement of Receipt of Materials					
Printed/Typed Name STEVE BRAMBLE				Signature <i>Steve Bramble</i>	
				Date Month <i>07</i> Day <i>31</i> Year <i>08</i>	
18. Transporter 2 Acknowledgement of Receipt of Materials					
Printed/Typed Name				Signature	
				Date Month Day Year	
19. Discrepancy Indication Space					
20. Facility Owner or Operator, Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.					
Printed/Typed Name <i>Jim Brown</i>				Signature <i>Jim Brown</i>	
				Date Month <i>7</i> Day <i>31</i> Year <i>08</i>	

NON-HAZARDOUS WASTE GENERATOR

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. NY 000511569	Manifest Document No. OPT0002	2. Page 1 of 1
3. Generator's Name and Mailing Address RAS Participating Parties C/O O'Brien & Gere Inc. of North America, 500 Elmwood Parkway 30 Bayview Syracuse, NY		36 Seneca Street Cortez, NY 13025		
4. Generator's Phone (Syracuse, NY) 315-437-0100 Attn: Kevin Stone				
5. Transporter 1 Company Name OP-TECH Environmental Services, Inc	6. US EPA ID Number NY 0096980769	A. State Transporter's ID	B. Transporter 1 Phone 315-432-1843	
7. Transporter 2 Company Name	8. US EPA ID Number	C. State Transporter's ID	D. Transporter 2 Phone	
9. Designated Facility Name and Site Address of Plant 35 Bradley St Auburn, NY 13021		10. US EPA ID Number	E. State Facility's ID	F. Facility's Phone 315-253-6511
11. WASTE DESCRIPTION		12. Containers No. Type	13. Total Quantity	14. Unit WT/Vol.
a. Non RCRA, Non DOT Regulated Liquids (Leachate Water)		1 TT	1919	16
b.				
c.				
d.				
G. Additional Descriptions for Materials Listed Above		H. Handling Codes for Wastes Listed Above a. T		
15. Special Handling Instructions and Additional Information Emergency Response: OP-TECH Environmental Services, Inc. @ 1-800-225-6750 Job # 30BE00071				
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.				
Printed/Typed Name AS Agent MARTIN KOENNECKE		Signature AS Agent <i>Martin Koennecke</i>		Date Month Day Year 07 31 08
17. Transporter 1 Acknowledgement of Receipt of Materials		Date		
Printed/Typed Name Jim Hammer		Signature <i>Jim Hammer</i>		Date Month Day Year 07 31 08
18. Transporter 2 Acknowledgement of Receipt of Materials		Date		
Printed/Typed Name		Signature		Month Day Year
19. Discrepancy Indication Space				
20. Facility Owner or Operator; Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.				
Printed/Typed Name Jim Down		Signature <i>Jim Down</i>		Date Month Day Year 7 31 08

NON-HAZARDOUS WASTE GENERATOR

TRANSPORTER FACILITY

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. NY 105 115 1 8 5 9	Manifest Document No. OPT-0004	2. Page 1 of 1
3. Generator's Name and Mailing Address O/O O'Brien & Gere Engineers 5000 Brittonfield Pkwy. E Syracuse, NY 13057		95 Seneca Street Syracuse NY 13205		
4. Generator's Phone () 315-477-6100				
5. Transporter 1 Company Name OP-TECH Environmental Services Inc	6. US EPA ID Number NY 105 115 1 8 5 9	A. State Transporter's ID 6A-168	B. Transporter 1 Phone 315-480-1849	
7. Transporter 2 Company Name	8. US EPA ID Number	C. State Transporter's ID	D. Transporter 2 Phone	
9. Designated Facility Name and Site Address Auburn Water Pollution Control Plant 38 Bradley St Auburn, NY 13021		10. US EPA ID Number	E. State Facility's ID	
		F. Facility's Phone 315-282-8011		
11. WASTE DESCRIPTION		12. Containers No. Type	13. Total Quantity Est.	14. Unit Wt./Vol.
a. Non RCRA Non DOT Regulated Liquids (Leachate Water)		1 IT	1900	G
b.				
c.				
d.				
G. Additional Descriptions for Materials Listed Above 41"		H. Handling Codes for Wastes Listed Above 3 T 2		
15. Special Handling Instructions and Additional Information Emergency Response: OP-TECH Environmental Services, Inc @ 1-800-225-6750 Job # 50BE00871				
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.				
Printed/Typed Name <i>AS Agent</i> MARTIN KOENNECKE		Signature <i>AS Agent</i> 		Date Month Day Year 08/07/08
17. Transporter 1 Acknowledgement of Receipt of Materials		Printed/Typed Name <i>Shannon Jason</i> Shannon Jason		Date Month Day Year 08/07/08
18. Transporter 2 Acknowledgement of Receipt of Materials		Printed/Typed Name		Date Month Day Year
19. Discrepancy Indication Space				
20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19				
Printed/Typed Name <i>John Brown</i> John Brown		Signature 		Date Month Day Year 8/7/08

NON-HAZARDOUS WASTE GENERATOR

TRANSPORTER

FACILITY

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. NY 200 00 0 1 0 0 0 0 0 0 0 0	Manifest Document No. OPT-0003	2. Page 1 of 1
3. Generator's Name and Mailing Address OP-TECH Environmental Services, Inc. 570 O'Brien & Gere Laboratories 6600 Brittonfield Pk. W. # Syracuse, NY 13201		56 Seneca Street Oneida, NY 13626		
4. Generator's Phone () 315-437-4100				
5. Transporter 1 Company Name OP-TECH Environmental Services, Inc.	6. US EPA ID Number NY 200 00 0 1 0 0 0 0 0 0	A. State Transporter's ID SA-188	B. Transporter 1 Phone 315-460-1842	
7. Transporter 2 Company Name	8. US EPA ID Number	C. State Transporter's ID	D. Transporter 2 Phone	
9. Designated Facility Name and Site Address Auburn Water Pollution Control Plant 36 Bradley St. Auburn, NY 13021	10. US EPA ID Number	E. State Facility's ID	F. Facility's Phone 315-253-8911	
11. WASTE DESCRIPTION	12. Containers No. Type	13. Total Quantity	14. Unit Wt./Vol.	
a. Non RCRA Non DOT Regulated Liquids (Leachate Water)	1 TT	8300	G	
b.				
c.				
d.				
G. Additional Descriptions for Materials Listed Above 50"	H. Handling Codes for Wastes Listed Above			
15. Special Handling Instructions and Additional Information Emergency Response OP-TECH Environmental Services, Inc. @ 1-800-225-6750 Job # SOBE00071				
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.				
Printed/Typed Name AS Agent MARTIN KOENNECKE		Signature AS Agent Martin Koennecke		Date Month Day Year 08/07/08
17. Transporter 1 Acknowledgement of Receipt of Materials				
Printed/Typed Name RICHARD L. GROVER JR.		Signature Richard L. Grover Jr.		Date Month Day Year 08/07/08
18. Transporter 2 Acknowledgement of Receipt of Materials				
Printed/Typed Name		Signature		Date Month Day Year
19. Discrepancy Indication Space				
20. Facility Owner or Operator; Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.				
Printed/Typed Name Jim Brown		Signature Jim Brown		Date Month Day Year 8/17/08

NON-HAZARDOUS WASTE

GENERATOR

TRANSPORTER

FACILITY

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No NY D 000 511 659		Manifest Document No. OPT-005	2. Page 1 of 1
3. Generator's Name and Mailing Address PAS PARTICIPATING PARTIES C/O O'BRIEN & GEE OPERATIONS 5000 BRITTONFIELD PKWY, ESYRAUSE NY 13057				55 SENECA ST OSWEGO NY 13126	
4. Generator's Phone (315) 437 6100 ATTN: KEVIN STONE					
5. Transporter 1 Company Name OP-TECH ENVIRONMENTAL SERVICES INC		6. US EPA ID Number NY D 986980753		A. State Transporter's ID 6A-166	
7. Transporter 2 Company Name		8. US EPA ID Number		B. Transporter 1 Phone 315-463-1643	
9. Designated Facility Name and Site Address AUBURN WATER POLLUTION CONTROL PLANT 35 BRADLEY ST. AUBURN NY 13021		10. US EPA ID Number		C. State Transporter's ID	
				D. Transporter 2 Phone	
				E. State Facility's ID	
				F. Facility's Phone 315.253.6511	
11. WASTE DESCRIPTION			12. Containers	13. Total Quantity	14. Unit WL/Vol.
a. NON RCRA NON DOT REGULATED LIQUIDS (LEACHATE WATER)			No. Type		
			1 TT	EST. 8000	G
b.					
c.					
d.					
G. Additional Descriptions for Materials Listed Above 2. 48.5" - 8,000 gal				H. Handling Codes for Wastes Listed Above 2.T	
15. Special Handling Instructions and Additional Information EMERGENCY RESPONSE : OP-TECH ENVIRONMENTAL SERVICES, INC. C 1-800-225-6750 Job # SOBEO071					
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.					
Printed/Typed Name MARTIN KOENNECKE				Signature <i>Martin Koenecke</i>	
17. Transporter 1 Acknowledgement of Receipt of Materials				Date 9 10 08	
Printed/Typed Name RICHARD L. GROVER JR				Signature <i>Richard L. Grover Jr.</i>	
18. Transporter 2 Acknowledgement of Receipt of Materials				Date	
Printed/Typed Name				Signature	
19. Discrepancy Indication Space					
20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.				Date	
Printed/Typed Name Tim O'Brien				Signature <i>Tim O'Brien</i>	
				Date 9 10 08	

C

NON-HAZARDOUS WASTE

GENERATOR


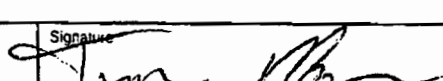
TRANSPORTER

FACILITY

C

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on chte (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. NY D 000 511 659		Manifest Document No. OPT006	2. Page 1 of 1	
3. Generator's Name and Mailing Address PAS PARTICIPATING PARTIES C/O O'BRIEN & GERS 5000 BRITTONFIELD PKWY, E. SYRACUSE NY 13057				65 SENECA ST. OSWEGO NY 13126		
4. Generator's Phone (315) 437-6100 ATTN: KEVIN STONE						
5. Transporter 1 Company Name OP-TECH ENVIRONMENTAL SERVICES INC		6. US EPA ID Number NY D 986 980 753		A. State Transporter's ID GA-166		
7. Transporter 2 Company Name		8. US EPA ID Number		B. Transporter 1 Phone 315-463-1643		
9. Designated Facility Name and Site Address AUBURN WATER POLLUTION CONTROL PLANT 35 BRADLEY ST. AUBURN NY 13021		10. US EPA ID Number		C. State Transporter's ID		
				D. Transporter 2 Phone		
				E. State Facility's ID		
				F. Facility's Phone 315-263-6511		
11. WASTE DESCRIPTION a. NON RCRA NON DOT REGULATED LIQUIDS			12. Containers		13. Total Quantity	14. Unit Wt./Vol.
			No.	Type		
			1	TT	EST. 2000	G
b.						
c.						
d.						
G. Additional Descriptions for Materials Listed Above a. 4.5" - 2,000			H. Handling Codes for Wastes Listed Above a. T			
15. Special Handling Instructions and Additional Information EMERGENCY RESPONSE: OP-TECH ENVIRONMENTAL SERVICES INC Q 1800-225-6750 JOB# SOBE0071						
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations						
Printed/Typed Name PAS agent MARTIN KOENNECKE			Signature PAS agent Martin Koennecke		Date 9/10/08	
17. Transporter 1 Acknowledgement of Receipt of Materials			Printed/Typed Name Leo Hebert		Signature 	
18. Transporter 2 Acknowledgement of Receipt of Materials			Printed/Typed Name		Signature	
19. Discrepancy Indication Space						
20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.						
Printed/Typed Name Tim O'Brien			Signature 		Date 9/10/08	

NON-HAZARDOUS WASTE GENERATOR

RECEIVED BY FACILITY

ATTACHMENT A-4

WASTE TREATMENT/DISPOSAL VERIFICATIONS



O'BRIEN & GERE

PAS Oswego Site Truck Unloading Verification Form

Date: 7/31/08

Unloading Facility

Auburn POTW, Auburn, NY

- Manifest #: OPT-0001 Estimated Gallons: 8225
- Truck # or plate: 385 Tank Trailer # 8000
- Driver: Steve Bramble

Stick Measurement:

- Loading: 50"
- Unloading (Auburn POTW): 50"

POTW Disposal

Approved By (Auburn): Tim Brown

Transferred By: N/A

Billing Gallons: 8225

NOTE: Attached to Non-Hazardous Manifest and submit to O'Brien & Gere Operations Manager

Send To;
 Kevin Stone
 5000 Brittonfield Parkway,
 P.O. Box 4873,
 Syracuse, New York 13221-4873
 (315) 437-6100 / FAX (315) 463-7554

Email To:
 stonekm@obg.com



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O'BRIEN & GERE

PAS Oswego Site Truck Unloading Verification Form

Date: 7/31/08

Unloading Facility

Auburn POTW, Auburn, NY

- Manifest #: OPT-0002 Estimated Gallons: 1919
- Truck # or plate: 870 Tank Trailer # N/A
- Driver: Jim Hanmer

Stick Measurement:

- Loading: 49"
- Unloading (Auburn POTW): 49"

POTW Disposal

Approved By (Auburn): Tim Brown

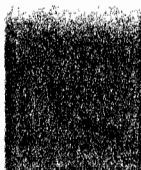
Transferred By: N/A

Billing Gallons: 1919

NOTE: Attached to Non-Hazardous Manifest and submit to O'Brien & Gere Operations Manager

Send To;
 Kevin Stone
 5000 Brittonfield Parkway,
 P.O. Box 4873,
 Syracuse, New York 13221-4873
 (315) 437-6100 / FAX (315) 463-7554

Email To:
 stonekm@obg.com



O'Brien & Gere Engineers, Inc. 100 North American Street, Suite 100, Auburn, NY 13021
 5000 Brittonfield Parkway, P.O. Box 4873, Syracuse, New York 13221-4873
 (315) 437-6100 FAX (315) 463-7554 www.obg.com

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O'BRIEN & GERE

PAS Oswego Site Truck Unloading Verification Form

Date: 8/7/08

Unloading Facility

Auburn POTW, Auburn, NY

- Manifest #: OPT-0004 Estimated Gallons: 1900
- Truck # or plate: 321 Tank Trailer # N/A
- Driver: Shannon Jason

Stick Measurement:

- Loading: 41"
- Unloading (Auburn POTW): 41"

POTW Disposal

Approved By (Auburn): Tim Brown

Transferred By: N/A

Billing Gallons: 1900

NOTE: Attached to Non-Hazardous Manifest and submit to O'Brien & Gere Operations Manager

Send To;
Kevin Stone
5000 Brittonfield Parkway,
P.O. Box 4873,
Syracuse, New York 13221-4873
(315) 437-6100 / FAX (315) 463-7554

Email To:
stonekm@obg.com



O'Brien & Gere, Inc. of North America, an O'Brien & Gere company
5000 Brittonfield Parkway P.O. Box 4873 Syracuse, New York 13221 4873
(315) 437-6100 • FAX (315) 463-7554 • <http://www.obg.com>

and offices in major U.S. cities



O'BRIEN & GERE

PAS Oswego Site Truck Unloading Verification Form

Date: 8/7/08

Unloading Facility

Auburn POTW, Auburn, NY

- Manifest #: OPT-0003 Estimated Gallons: 8300
- Truck # or plate: 385 Tank Trailer # 8000
- Driver: Richard Grover

Stick Measurement:

- Loading: 50"
- Unloading (Auburn POTW): 50"

POTW Disposal

Approved By (Auburn): Tim Brown

Transferred By: N/A

Billing Gallons: 8300

NOTE: Attached to Non-Hazardous Manifest and submit to O'Brien & Gere Operations Manager

Send To;
Kevin Stone
5000 Brittonfield Parkway,
P.O. Box 4873,
Syracuse, New York 13221-4873
(315) 437-6100 / FAX (315) 463-7554

Email To:
stonekm@obg.com



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and offices in major U.S. cities



O'BRIEN & GERE

PAS Oswego Site Truck Unloading Verification Form

Date: 9/10/08

Unloading Facility

Auburn POTW, Auburn, NY

- Manifest #: OPT-0005 Estimated Gallons: 8000
- Truck # or plate: 385 Tank Trailer # 8000
- Driver: Rich Grover

Stick Measurement:

- Loading: 48.5"
- Unloading (Auburn POTW): 48.5"

POTW Disposal

Approved By (Auburn): Tim Brown

Transferred By: N/A

Billing Gallons: 8000

NOTE: Attached to Non-Hazardous Manifest and submit to O'Brien & Gere Operations Manager

Send To;
Kevin Stone
5000 Brittonfield Parkway,
P.O. Box 4873,
Syracuse, New York 13221-4873
(315) 437-6100 / FAX (315) 463-7554

Email To:
stonekm@obg.com



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(315) 437-6100 - FAX (315) 463-7554 - <http://www.obg.com>

and offices at major U.S. cities



O'BRIEN & GERE

PAS Oswego Site Truck Unloading Verification Form

Date: 9/10/08

Unloading Facility

Auburn POTW, Auburn, NY

- Manifest #: OPT-0006 Estimated Gallons: 2000
- Truck # or plate: 772 Tank Trailer # N/A
- Driver: Leo Herbert

Stick Measurement:

- Loading: 45"
- Unloading (Auburn POTW): 45"

POTW Disposal

Approved By (Auburn): Tim Brown

Transferred By: N/A

Billing Gallons: 2000

NOTE: Attached to Non-Hazardous Manifest and submit to O'Brien & Gere Operations Manager

Send To;
Kevin Stone
5000 Brittonfield Parkway,
P.O. Box 4873,
Syracuse, New York 13221-4873
(315) 437-6100 / FAX (315) 463-7554

Email To:
stonekm@obg.com



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***ATTACHMENT A-5
ADDITIONAL LEACHATE SAMPLING DATA***



Life Science Laboratories, Inc.

5000 Brittonfield Parkway, Suite 200

East Syracuse, NY 13057 (315) 437-0200

Analytical Results

StateCertNo: 10155

CLIENT: O'Brien & Gere Inc. of North America

Lab ID: 0807101-001A

Project: Pas Oswego, NY

Client Sample ID: *Holding Tank*

W Order: 0807101

Collection Date: 07/23/08 12:30

Matrix: WATER

Date Received: 07/23/08 12:30

Inst. ID: ICAP 61E

Sample Size: 50 mL

PrepDate: 07/23/08 0:00

ColumnID:

%Moisture:

BatchNo: 7847/R14298

Revision: 07/25/08 8:24

TestCode 200.2W_200.7

FileID: 0-SAMP-

Col Type:

Analyte	Result	Qual	PQL	Units	DF	Date Analyze
TOTAL METALS BY ICP				EPA 200.7		(E200.2)
Iron	22		0.050	mg/L	1	07/24/08

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Value exceeds the instrument calibration range
- J Analyte detected below the PQL
- P Prim./Conf. column %D or RPD exceeds limit

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Practical Quantitation Limit (PQL)
- S Spike Recovery outside accepted recovery limits



Life Science Laboratories, Inc.

5000 Brittonfield Parkway, Suite 200
East Syracuse, NY 13057 (315) 437-0200

Analytical Results

StateCertNo: 10155

CLIENT: O'Brien & Gere Inc. of North America	Lab ID: 0807119-001A
Project: Pas Oswego, NY	Client Sample ID: <i> Holding Tank</i>
W Order: 0807119	Collection Date: 07/25/08 9:15
Matrix: WATER	Date Received: 07/25/08 13:10
Inst. ID: ICAP 61E	Sample Size: 50 mL
ColumnID:	%Moisture:
Revision: 07/28/08 13:04	TestCode 200.2W_200.7
Col Type:	PrepDate: 07/25/08 0:00
	BatchNo: 7855/R14319
	FileID: 1-SAMP-49616

Analyte	Result	Qual	PQL	Units	DF	Date Analyze
TOTAL METALS BY ICP						
Iron	14		0.050	EPA 200.7 mg/L	1	(E200.2) 07/28/08 10:48

Qualifiers:	* Value exceeds Maximum Contaminant Level	B Analyte detected in the associated Method Blank
	E Value exceeds the instrument calibration range	H Holding times for preparation or analysis exceeded
	J Analyte detected below the PQL	ND Not Detected at the Practical Quantitation Limit (PQL)
	P Prim./Conf. column %D or RPD exceeds limit	S Spike Recovery outside accepted recovery limits



Life Science Laboratories, Inc.

5000 Brittonfield Parkway, Suite 200
East Syracuse, NY 13057 (315) 437-0200

Analytical Results

StateCertNo: 10155

CLIENT: O'Brien & Gere Inc. of North America	Lab ID: 0807119-002A
Project: Pas Oswego, NY	Client Sample ID: LCW-1
W Order: 0807119	Collection Date: 07/25/08 9:20
Matrix: WATER	Date Received: 07/25/08 13:10
Inst. ID: ICAP 61E	Sample Size: 50 mL
ColumnID:	%Moisture:
Revision: 07/28/08 13:04	TestCode 200.2W_200.7
Col Type:	PrepDate: 07/25/08 0:00
	BatchNo: 7855/R14319
	FileID: 1-SAMP-49617

Analyte	Result	Qual	PQL	Units	DF	Date Analyze
TOTAL METALS BY ICP				EPA 200.7		(E200.2)
Iron	5.8		0.050	mg/L	1	07/28/08 10:52

Qualifiers:	* Value exceeds Maximum Contaminant Level	B Analyte detected in the associated Method Blank
	E Value exceeds the instrument calibration range	FI Holding times for preparation or analysis exceeded
	J Analyte detected below the PQL	ND Not Detected at the Practical Quantitation Limit (PQL)
	P Prim./Conf. column %D or RPD exceeds limit	S Spike Recovery outside accepted recovery limits



Life Science Laboratories, Inc.

5000 Brittonfield Parkway, Suite 200
East Syracuse, NY 13057 (315) 437-0200

Analytical Results

StateCertNo: 10155

CLIENT: O'Brien & Gere Inc. of North America	Lab ID: 0807119-003A
Project: Pas Oswego, NY	Client Sample ID: LCW-2
W Order: 0807119	Collection Date: 07/25/08 9:30
Matrix: WATER	Date Received: 07/25/08 13:10
Inst. ID: ICAP 61E	Sample Size: 50 mL
ColumnID:	%Moisture:
Revision: 07/28/08 13:04	TestCode 200.2W_200.7
Col Type:	PrepDate: 07/25/08 0:00
	BatchNo: 7855/R14319
	FileID: 1-SAMP-49618

Analyte	Result	Qual	PQL	Units	DF	Date Analyze
TOTAL METALS BY ICP				EPA 200.7		(E200.2)
Iron	14		0.050	mg/L	1	07/28/08 10:58

Qualifiers:	* Value exceeds Maximum Contaminant Level	B Analyte detected in the associated Method Blank
	E Value exceeds the instrument calibration range	H Holding times for preparation or analysis exceeded
	J Analyte detected below the PQL	ND Not Detected at the Practical Quantitation Limit (PQL)
	P Prim./Conf. column %D or RPD exceeds limit	S Spike Recovery outside accepted recovery limits



Life Science Laboratories, Inc.

5000 Brittonfield Parkway, Suite 200
East Syracuse, NY 13057 (315) 437-0200

Analytical Results

StateCertNo: 10155

CLIENT: O'Brien & Gere Inc. of North America	Lab ID: 0807129-001A
Project: Pas Oswego, NY	Client Sample ID: Tank- 10 mic Bag Effluent
W Order: 0807129	Collection Date: 07/29/08 11:00
Matrix: WATER	Date Received: 07/29/08 13:20
Inst. ID: ICAP 61E	Sample Size: 50 mL
ColumnID:	%Moisture:
Revision: 07/31/08 11:33	TestCode: 200.2W_200.7
Col Type:	PrepDate: 07/29/08 0:00
	BatchNo: 7866/R14346
	FileID: 1-SAMP-49763

Analyte	Result	Qual	PQL	Units	DF	Date Analyze
TOTAL METALS BY ICP				EPA 200.7		(E200.2)
Iron	13		0.050	mg/L	1	07/30/08 11:24

Qualifiers:	• Value exceeds Maximum Contaminant Level	B Analyte detected in the associated Method Blank
	E Value exceeds the instrument calibration range	H Holding times for preparation or analysis exceeded
	J Analyte detected below the PQL	ND Not Detected at the Practical Quantitation Limit (PQL)
	P Prim./Conf. column %D or RPD exceeds limit	S Spike Recovery outside accepted recovery limits



Life Science Laboratories, Inc.

5000 Brittonfield Parkway, Suite 200
East Syracuse, NY 13057 (315) 437-0200

Analytical Results

StateCertNo: 10155

CLIENT: O'Brien & Gere Inc. of North America	Lab ID: 0807129-001B
Project: Pas Oswego, NY	Client Sample ID: Tank- 10 mic Bag Effluent
W Order: 0807129	Collection Date: 07/29/08 11:00
Matrix: WATER	Date Received: 07/29/08 13:20
Inst. ID: pH meter	Sample Size: NA
ColumnID:	%Moisture:
Revision: 07/30/08 9:58	TestCode: PH150.1
Col Type:	PrepDate:
	BatchNo: R14329
	FileID: 1-SAMP-

Analyte	Result	Qual	PQL	Units	DF	Date Analyze
LABORATORY (PH)				EPA 150.1		
pH	7.02	H	1.00	pH Units	1	07/29/08 10:00

Qualifiers:	* Value exceeds Maximum Contaminant Level	B Analyte detected in the associated Method Blank
	E Value exceeds the instrument calibration range	H Holding times for preparation or analysis exceeded
	J Analyte detected below the PQL	ND Not Detected at the Practical Quantitation Limit (PQL)
	P Prim./Conf. column %D or RPD exceeds limit	S Spike Recovery outside accepted recovery limits



Life Science Laboratories, Inc.

5000 Brittonfield Parkway, Suite 200
East Syracuse, NY 13057 (315) 437-0200

Analytical Results

StateCertNo: 10155

CLIENT: O'Brien & Gere Inc. of North America	Lab ID: 0807129-002A
Project: Pas Oswego, NY	Client Sample ID: Tank- 1 mic Bag Effluent
W Order: 0807129	Collection Date: 07/29/08 12:10
Matrix: WATER	Date Received: 07/29/08 13:20
Inst. ID: ICAP 61E	PrepDate: 07/29/08 0:00
ColumnID:	BatchNo: 7866/R14346
Revision: 07/31/08 11:33	FileID: 1-SAMP-49764
Col Type:	

Analyte	Result	Qual	PQL	Units	DF	Date Analyze
TOTAL METALS BY ICP				EPA 200.7		(E200.2)
Iron	11		0.050	mg/L	1	07/30/08 11:28

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Value exceeds the instrument calibration range
- J Analyte detected below the PQL
- P Prim./Conf. column %D or RPD exceeds limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Practical Quantitation Limit (PQL)
- S Spike Recovery outside accepted recovery limits



Life Science Laboratories, Inc.

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East Syracuse, NY 13057 (315) 437-0200

Analytical Results

StateCertNo: 10155

CLIENT: O'Brien & Gere Inc. of North America

Project: Pas Oswego, NY

W Order: 0807129

Matrix: WATER

Inst. ID: pH meter

ColumnID:

Revision: 07/30/08 9:58

Col Type:

Sample Size: NA

%Moisture:

TestCode PH150.1

Lab ID: 0807129-002B

Client Sample ID: Tank- 1 mic Bag Effluent

Collection Date: 07/29/08 12:10

Date Received: 07/29/08 13:20

PrepDate:

BatchNo: R14329

FileID: 1-SAMP-

Analyte	Result	Qual	PQL	Units	DF	Date Analyze
LABORATORY (PH) pH	7.24	H	1.00	EPA 150.1 pH Units	1	07/29/08 10:00

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Value exceeds the instrument calibration range
- J Analyte detected below the PQL
- P Prim./Conf. column %D or RPD exceeds limit

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Practical Quantitation Limit (PQL)
- S Spike Recovery outside accepted recovery limits



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Analytical Results

StateCertNo: 10155

CLIENT: O'Brien & Gere Inc. of North America

Project: Pas Oswego, NY

W Order: 0807140

Matrix: WATER

Inst. ID: ICAP 61E

ColumnID:

Revision: 08/04/08 8:18

Col Type:

Sample Size: 50 mL

%Moisture:

TestCode 200.2W_200.7

Lab ID: 0807140-001A

Client Sample ID: Tank

Collection Date: 07/31/08 8:45

Date Received: 07/31/08 11:48

PrepDate: 07/31/08 0:00

BatchNo: 7876/R14378

FileID: 1-SAMP-49975

Analyte	Result	Qual	PQL	Units	DF	Date Analyze
TOTAL METALS BY ICP						
Iron	4.5		0.050	EPA 200.7 mg/L	1	(E200.2) 08/01/08 15:50

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Value exceeds the instrument calibration range
- J Analyte detected below the PQL
- P Prim./Conf. column %D or RPD exceeds limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Practical Quantitation Limit (PQL)
- S Spike Recovery outside accepted recovery limits



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Analytical Results

StateCertNo: 10155

CLIENT: O'Brien & Gere Inc. of North America

Project: Pas Oswego, NY

W Order: 0807140

Matrix: WATER

Inst. ID: ICAP 61E

ColumnID:

Revision: 08/04/08 8:18

Col Type:

Sample Size: 50 mL

%Moisture:

TestCode 200.2W_200.7

Lab ID: 0807140-002A

Client Sample ID: Tank-1-MIC

Collection Date: 07/31/08 9:10

Date Received: 07/31/08 11:48

PrepDate: 07/31/08 0:00

BatchNo: 7876/R14378

FileID: 1-SAMP-49974

Analyte	Result	Qual	PQL	Units	DF	Date Analyze
TOTAL METALS BY ICP				EPA 200.7		(E200.2)
Iron	4.4		0.050	mg/L	1	08/01/08 15:46

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Value exceeds the instrument calibration range
- J Analyte detected below the PQL
- P Prim./Conf. column %D or RPD exceeds limit

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Practical Quantitation Limit (PQL)
- S Spike Recovery outside accepted recovery limits



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Analytical Results

StateCertNo: 10155

CLIENT: O'Brien & Gere Inc. of North America

Lab ID: 0808012-001A

Project: Pas Oswego, NY

Client Sample ID: Tank

W Order: 0808012

Collection Date: 08/04/08 14:00

Matrix: WATER

Date Received: 08/04/08 14:58

Inst. ID: ICAP 61E

Sample Size: 50 mL

PrepDate: 08/04/08 0:00

ColumnID:

%Moisture:

BatchNo: 7894/R14392

Revision: 08/05/08 13:55

TestCode 200.2W_200.7

FileID: 1-SAMP-50073

Col Type:

Analyte	Result	Qual	PQL	Units	DF	Date Analyze
TOTAL METALS BY ICP				EPA 200.7		(E200.2)
Iron	2.9		0.050	mg/L	1	08/05/08 12:05

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Value exceeds the instrument calibration range
- J Analyte detected below the PQL
- P Prim./Conf. column %D or RPD exceeds limit

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Practical Quantitation Limit (PQL)
- S Spike Recovery outside accepted recovery limits



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Analytical Results

StateCertNo: 10155

CLIENT: O'Brien & Gere Inc. of North America

Project: Pas Oswego, NY

W Order: 0808012

Matrix: WATER

Inst. ID: pH meter

ColumnID:

Revision: 08/05/08 16:41

Col Type:

Sample Size: NA

%Moisture:

TestCode PH150.1

Lab ID: 0808012-001B

Client Sample ID: Tank

Collection Date: 08/04/08 14:00

Date Received: 08/04/08 14:58

PrepDate:

BatchNo: R14396

FileID: 1-SAMP-

Analyte	Result	Qual	PQL	Units	DF	Date Analyze
LABORATORY (PH) pH	9.35	H	1.00	EPA 150.1 pH Units	1	08/05/08

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Value exceeds the instrument calibration range
- J Analyte detected below the PQL
- P Prim./Conf. column %D or RPD exceeds limit

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Practical Quantitation Limit (PQL)
- S Spike Recovery outside accepted recovery limits



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Analytical Results

StateCertNo: 10155

CLIENT: O'Brien & Gere Inc. of North America	Lab ID: 0809051-001A
Project: Pas Oswego, NY	Client Sample ID: Tank
W Order: 0809051	Collection Date: 09/08/08 12:00
Matrix: WATER	Date Received: 09/08/08 13:30
Inst. ID: ICAP 61E	PrepDate: 09/09/08 0:00
ColumnID:	BatchNo: 8063/R14744
Revision: 09/11/08 8:16	FileID: 1-SAMP-51631
Col Type:	

Analyte	Result	Qual	PQL	Units	DF	Date Analyzed
TOTAL METALS BY ICP				EPA 200.7		(E200.2)
Iron	9.8		0.050	mg/L	1	09/10/08 13:55

Qualifiers:	* Value exceeds Maximum Contaminant Level	B Analyte detected in the associated Method Blank
	E Value exceeds the instrument calibration range	H Holding times for preparation or analysis exceeded
	J Analyte detected below the PQL	ND Not Detected at the Practical Quantitation Limit (PQL)
	P Prim./Conf. column %D or RPD exceeds limit	S Spike Recovery outside accepted recovery limits



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Analytical Results

StateCertNo: 10155

CLIENT: O'Brien & Gere Inc. of North America

Project: Pas Oswego, NY

W Order: 0809070

Matrix: WATER

Inst. ID: ICAP 61E

ColumnID:

Revision: 09/15/08 11:04

Col Type:

Sample Size: 50 mL

%Moisture:

TestCode 200.2W_200.7

Lab ID: 0809070-001A

Client Sample ID: Tank Pre Pump

Collection Date: 09/10/08 7:30

Date Received: 09/10/08 11:12

PrepDate: 09/11/08 0:00

BatchNo: 8074/R14770

FileID: 1-SAMP-51824

Analyte	Result	Qual	PQL	Units	DF	Date Analyzed
TOTAL METALS BY ICP				EPA 200.7		(E200.2)
Iron	0.44		0.050	mg/L	1	09/12/08 16:03

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Value exceeds the instrument calibration range
- J Analyte detected below the PQL
- P Prim./Conf. column %D or RPD exceeds limit

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Practical Quantitation Limit (PQL)
- S Spike Recovery outside accepted recovery limits



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Analytical Results

StateCertNo: 10155

CLIENT: O'Brien & Gere Inc. of North America	Lab ID: 0809070-002A
Project: Pas Oswego, NY	Client Sample ID: Tank 1 mic Bag
W Order: 0809070	Collection Date: 09/10/08 8:20
Matrix: WATER	Date Received: 09/10/08 11:12
Inst. ID: ICAP 61E	PrepDate: 09/11/08 0:00
ColumnID:	BatchNo: 8074/R14770
Revision: 09/15/08 11:04	FileID: 1-SAMP-51825
Col Type:	

Analyte	Result	Qual	PQL	Units	DF	Date Analyzed
TOTAL METALS BY ICP				EPA 200.7		(E200.2)
Iron	0.67		0.050	mg/L	1	09/12/08 16:07

Qualifiers:	* Value exceeds Maximum Contaminant Level	B Analyte detected in the associated Method Blank
	E Value exceeds the instrument calibration range	H Holding times for preparation or analysis exceeded
	J Analyte detected below the PQL	ND Not Detected at the Practical Quantitation Limit (PQL)
	P Perm./Conf. column %D or RPD exceeds limit	S Spike Recovery outside accepted recovery limits

QUARTERLY PROGRESS REPORT 4th QUARTER
Operation, Maintenance and Long-term Monitoring Activities

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

PERIOD COVERED: October - December 2008 (4th Quarter)

ACTIONS TAKEN DURING QUARTER:

- 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 32,521 gallons of leachate were removed during the period of October 2008 through December 2008. 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". OP-TECH Environmental Services provided the transportation of the waste, which was arranged by O'Brien & Gere Operations (O'Brien & Gere). Leachate was disposed at the City of Auburn, New York Wastewater Treatment Facility.
- The semi-annual ground-water and leachate quality sampling was conducted on November 3, 2008.
- Routine groundwater elevation monitoring was performed on October 7, November 3, and December 12, 2008 for wells SWW-1 through SWW-12, and LCW-1 through LCW- 4.
- On November 3, 2008, quarterly ground water elevation monitoring was performed. Quarterly ground-water elevation results for the M-series wells M-21 through M-23, LR-series wells LR-2, -3, -6, -8, along with OS-1, OS-3, OI-1, OD-3, LD-3, LD-4, LD-5, LD-6, LD-8, and LS-6 were recorded.
- Site maintenance activities were conducted on October 28, November 26, and December 29, 2008. The maintenance activities included the visual inspection of the sites earthen land cap, and French drainage system, inspection of the sites perimeter security fence, leachate holding tank, and protective weather cover, well pumping control power panels, external monitoring well inspection, and the inspection of the spill control materials, and storage building fire bottle. These maintenance activities were performed in accordance with the approved Work Plan.

- On December 1, 2008. O'Brien & Gere took delivery onto the PAS Oswego site, one pre-assembled 10' wide x 12' long wooden storage shed from an area supplier. The new wooden utility shed was placed onto gravel prepared base that consists of 12" of #4 crushed stone. The stone was compacted using a gas power tamper in a manner that prevents damage to the land cap barrier. The new shed is located to the western edge of the leachate holding tank and will provide storage of the bag filter system, chemical addition storage materials, spill prevention material, health and safety supplies, and site maintenance material.
- During this reporting period, an O'Brien & Gere Field Technician applied sodium hydroxide in pellet form, and powdered hydrated lime into the leachate held within the holding tank prior to well pumping. The additives were mixed by means of the leachate flow being pumped into the holding tank. The chemical additions aid in the substantial removal of soluble iron from the leachate, to conform with City of Auburn Wastewater Treatment Facility requirements. . Leachate was pumped into, two OP-TECH Environmental Services transportation vehicles. One 3000-gallon capacity vector truck, and one 8000 gallon capacity tanker were used for the transportation of the leachate. The leachate was pumped from the holding tank into each transport vehicle through an inline bag filter system provided by O'Brien & Gere, for iron removal.
- Additional leachate testing was conducted as required by the City of Auburn Wastewater Treatment Facility (see Table 2 – Additional Leachate Sampling).
- Prepared Five Year Data Review Report (de maximis, November 2008) submitted to EPA on November 18, 2008.

RESULTS OF FIELD ACTIVITIES:

- Groundwater elevation data collected on October 7, November 3, and December 12, 2008 are attached (see Attachment B-1).
- The routine leachate disposal and site inspection checklists are attached (see Attachment B-2).
- Semi-annual leachate and ground-water monitoring results are attached (see Attachment B-5).
- Additional leachate sampling data are attached (see Attachment B-6).

DOCUMENTATION OF REMOVAL ACTIVITIES DURING QUARTER:

- Non-hazardous waste manifests (see Attachment B-3).
- Waste Treatment/Disposal Verifications (see Attachment B-4).

OCTOBER 8, 2008

Manifest #	Amount (gal)	Date Removed
OPT0007	2571	10/08/2008
OPT0008	8300	10/08/2008

October 8, 2008 Total = 10,871 gallons

October 2008 Total = 10,871 gallons

NOVEMBER 5, 2008

Manifest #	Amount (gal)	Date Removed
OPT0009	8400	11/05/2008
OPT0010	2350	11/05/2008

November 5, 2008 Total = 10,750 gallons

November 2008 Total = 10,750 gallons

DECEMBER 4, 2008

Manifest #	Amount (gal)	Date Removed
OPT0011	2600	12/04/2008
OPT0012	8300	12/04/2008

December 4, 2008 Total = 10,900 gallons

December 2008 Total = 10,900 gallons

• **CUMULATIVE REMOVAL QUANTITIES**

Cumulative gallons removed during 4th quarter 2008
under Work Plan – October through December 2008

32,521

ATTACHMENT B-1
GROUND-WATER ELEVATION DATA

November 1, 2008

8:00 AM

Well Number	Ground		Riser		October 2008				Within Range?				Ground-Water	
	Elevation	Elevation	Elevation		Reading 1	Reading 2	Reading 3	Average	Low	High	Y/N	Elevation		
SWW1	286.20	289.33			8.78	8.78	8.78	9.77	8.62	11.62	Yes	280.55		
SWW2	286.30	289.37			15.75	15.75	15.75	16.40	16.05	17.40	No	273.62		
SWW3	286.00	286.50			16.60	16.60	16.60	17.21	17.00	17.83	No	269.90		
SWW4	282.90	283.60			13.62	13.62	13.62	15.04	13.44	17.12	Yes	269.98		
SWW5	275.90	277.02			13.05	13.05	13.05	13.15	12.55	13.74	Yes	263.97		
SWW6	270.90	273.06			8.07	8.07	8.07	8.79	7.95	9.58	Yes	264.99		
SWW7	273.30	277.93			8.02	8.02	8.02	8.77	8.43	9.43	No	269.91		
SWW8	275.70	278.24			3.94	3.94	3.94	5.87	4.00	11.38	No	274.30		
SWW9	283.30	285.55			17.48	17.48	17.48	18.45	17.50	20.05	No	268.07		
SWW10	279.30	280.43			10.17	10.17	10.17	12.76	9.71	18.65	Yes	270.26		
SWW11	271.00	273.50			9.08	9.08	9.08	9.39	8.81	10.00	Yes	264.42		
SWW12	270.20	272.82			8.75	8.75	8.75	11.05	8.70	15.24	Yes	264.07		
LCW-1	271.40	272.21			8.68	8.68	8.68	8.44	8.38	10.71	Yes	263.53		
LCW-2	272.60	274.44			10.94	10.94	10.94	10.69	10.61	12.96	Yes	263.50		
LCW-3	283.30	284.36			17.90	17.90	17.90	18.73	18.09	19.34	No	266.46		
LCW-4	283.80	285.70			16.64	16.64	16.64	17.02	18.00	19.95	No	269.06		
OS-1	269.63	272.10			8.60	8.60	8.60	11.68				263.50		
OI-1	269.14	272.00			11.14	11.14	11.14	12.60				260.86		
OS-3	274.63	277.89			13.92	13.92	13.92	16.25				263.97		
OD-3	274.96	277.85			13.76	13.76	13.76	16.09				264.09		
LD-3	275.80	278.62			4.32	4.32	4.32	8.05				274.30		
LD-4	276.30	279.25			9.85	9.85	9.85	13.50				269.40		
LD-5	270.02	272.94			9.10	9.10	9.10	12.43				263.84		
LS-6	271.40	274.14			10.25	10.25	10.25	12.12				263.89		
LD-6	270.09	274.03			10.12	10.12	10.12	10.95				263.91		
LD-8	269.90	272.83			7.15	7.15	7.15	11.27				265.68		
LR-2	287.50	289.85			12.70	12.70	12.70	13.83				277.15		
LR-3	275.50	278.06			7.80	7.80	7.80	9.90				270.26		
LR-6	270.90	274.39			10.05	10.05	10.05	11.39				264.34		
LR-8	270.00	273.42			9.45	9.45	9.45	11.15				263.97		
M-21	270.28	272.32			9.17	9.17	9.17	10.84				263.15		
M-22	270.40	273.88			10.00	10.00	10.00	11.31				263.88		
M-23	267.98	270.49			12.35	12.35	12.35	13.30				258.14		

ATTACHMENT B-2

SITE INSPECTION CHECKLIST AND LEACHATE DISPOSAL



O'BRIEN & GERE

PAS Oswego
Oswego, NY

Site Inspection Checklist

Date 10-6-08

Time 9:15

Field Technician MARTIN KOENIGKE

Weather RAIN SHOWERS THEN CLEARED

Site Feature	Check ✓	Condition / Maintenance Performed
Cap		
Burrowing Animals	✓	NONE VISIBLE
Cap vegetation	✓	GOOD
Concrete drainage trough	✓	OK
French drain	✓	OK
Weeds	✓	NA
Leachate Collection System / Building		
Pumps	✓	Responding
Pump controls / alarms	✓	NA
Tank level	✓	6"
Monitoring Wells		
Locks	✓	OK
Riser	✓	OK
Surface completion	✓	NA
General Site Condition		
Foliage	✓	GOOD
Perimeter fence	✓	OK
Site access driveway	✓	OK
Stream gauges	✓	NA
Other Items		
Equipment storage shed	✓	DETERIORATING
Fire extinguishers	✓	OK
Spill control material	✓	OK STOCKED
PPE	✓	OK STOCKED

Remarks (use separate sheet is required)

MONTHLY WELL LEVELS, PUMP LCCW-1 & LCCW-2 CHECKED
PH = 6.8 TREATED TANK PH = 8.7



O'BRIEN & GERE

PAS Oswego
Oswego, NY

Site Inspection Checklist

Date 10-28-08

Time 14:30

Field Technician MARTIN KOENIGKE

Weather WINDY Heavy RAIN

Site Feature	Check ✓	Condition / Maintenance Performed
Cap		
Burrowing Animals	✓	NONE VISIBLE
Cap vegetation	✓	GOOD
Concrete drainage trough	✓	OK
French drain	✓	OK
Weeds	✓	NA
Leachate Collection System / Building		
Pumps	✓	Responding
Pump controls / alarms	✓	NA
Tank level	✓	4.5"
Monitoring Wells		
Locks	✓	OK
Riser	✓	OK
Surface completion	✓	NA
General Site Condition		
Foliage	✓	GOOD
Perimeter fence	✓	OK
Site access driveway	✓	OK
Stream gauges	✓	NA
Other Items		
Equipment storage shed	✓	Detriating
Fire extinguishers	✓	OK
Spill control material	✓	OK STOCKED
PPE	✓	OK STOCKED

Remarks (use separate sheet is required)

ORDERED Sodium Hydroxide for next months Leachate pumpout



O'BRIEN & GERE

**PAS Oswego
Oswego, NY**

Site Inspection Checklist

Date 11-3-08

Time 9:00

Field Technician Martin Koenigs

Weather OVERCAST 50°

Site Feature	Check ✓	Condition / Maintenance Performed
Cap		
Burrowing Animals	✓	NONE USABLE
Cap vegetation	✓	GOOD
Concrete drainage trough	✓	OK
French drain	✓	OK
Weeds	✓	NA
Leachate Collection System / Building		
Pumps	✓	Responding
Pump controls / alarms	✓	NA
Tank level	✓	4.5"
Monitoring Wells		
Locks	✓	OK
Riser	✓	OK
Surface completion	✓	NA
General Site Condition		
Foliage	✓	GOOD
Perimeter fence	✓	OK
Site access driveway	✓	OK
Stream gauges	✓	NA
Other Items		
Equipment storage shed	✓	Detreating
Fire extinguishers	✓	OK
Spill control material	✓	OK STOCKED
PPE	✓	OK STOCKED

Remarks (use separate sheet is required)

Quarterly well levels, pumped LCW-1, LCW-2
check PH & FE TREATED TO DROP OUT FE.



O'BRIEN & GERE

PAS Oswego
Oswego, NY

Site Inspection Checklist

Date 11-26-08

Time 14:00

Field Technician MARTIN KOENIGKE Weather OVERCAST

Site Feature	Check ✓	Condition / Maintenance Performed
Cap		
Burrowing Animals	✓	NONE VISIBLE
Cap vegetation	✓	GOOD
Concrete drainage trough	✓	OK
French drain	✓	OK
Weeds	✓	NA
Leachate Collection System / Building		
Pumps	✓	RESPONDING
Pump controls / alarms	✓	NA
Tank level	✓	4 3/4"
Monitoring Wells		
Locks	✓	OK
Riser	✓	OK
Surface completion	✓	NA
General Site Condition		
Foliage	✓	OK
Perimeter fence	✓	OK
Site access driveway	✓	OK
Stream gauges	✓	NA
Other Items		
Equipment storage shed	✓	DETERIORATING
Fire extinguishers	✓	OK
Spill control material	✓	STOCKED
PPE	✓	STOCKED

Remarks (use separate sheet is required)



O'BRIEN & GERE

PAS Oswego
Oswego, NY

Site Inspection Checklist

Date 12-1-08

Time 7:00

Field Technician MARTIN KERNACKER Weather overcast

Site Feature	Check ✓	Condition / Maintenance Performed
Cap		
Burrowing Animals	✓	None visible
Cap vegetation	✓	OK
Concrete drainage trough	✓	OK
French drain	✓	OK
Weeds	✓	NA
Leachate Collection System / Building		
Pumps	✓	Responding
Pump controls / alarms	✓	OK
Tank level	✓	4.75"
Monitoring Wells		
Locks	✓	OK
Riser	✓	OK
Surface completion	✓	OK
General Site Condition		
Foliage	✓	OK
Perimeter fence	✓	SECTION IN SWAMP NEED REPAIR EAST SIDE
Site access driveway	✓	OK
Stream gauges	✓	OK
Other Items		
Equipment storage shed	✓	NEW SHED BEING DELIVERED TODAY
Fire extinguishers	✓	OK
Spill control material	✓	STOCKED
PPE	✓	STOCKED

Remarks (use separate sheet is required)



O'BRIEN & GERE

PAS Oswego
Oswego, NY

Site Inspection Checklist

Date 12-29-08

Time 11.00

Field Technician MARTIN KOENIGKE Weather overcast

Site Feature	Check ✓	Condition / Maintenance Performed
Cap		
Burrowing Animals	✓	NONE VISIBLE
Cap vegetation	✓	
Concrete drainage trough	✓	OK
French drain	✓	OK
Weeds	NA	
Leachate Collection System / Building		
Pumps	✓	Responding
Pump controls / alarms	NA	
Tank level	50-75"	
Monitoring Wells		
Locks	OK	
Riser	OK	
Surface completion	NA	
General Site Condition		
Foliage	✓	SNOW
Perimeter fence	✓	NEEDS SOME REPAIR IN SWAMP AREA
Site access driveway	✓	PLOWED
Stream gauges	NA	
Other Items		
Equipment storage shed	✓	
Fire extinguishers	✓	OK
Spill control material	✓	STOCKED
PPE	✓	STOCKED

Remarks (use separate sheet is required)

MONTHLY INSPECTION

PLOWED DRIVE



O'BRIEN & GERE

PAS Site
Oswego, New York

Leachate Disposal Checklist

Field Technician: MARTIN KOENIGKE Time on-site: 9:15
Transportation Subcontractor: _____
Leachate Destination: _____
Date: 10-6-08

Well	Leachate Collection Well Pumping		Well Pumping Flow Rate Analyses		Flow Rate Calculation
	Start Time	Stop Time	Time	Tank Elev. (Down)	
LCW-1	10:30	12:30			
LCW-2	10:30	12:30			
LCW-3	NOT PUMPED				
LCW-4	NOT PUMPED				
Leachate Holding Tank Height:					
Start	6" at 35"		PH - 6.8	FE	HIGH KIT 6.5 mg/L
Stop	35" 1 ADDED 50 lbs CHEMISTIC BENDS 1 lb LIME MIXED				
End	40"		PH - 8.7		
Initial Flow Meter Reading: $34" \times 305 \frac{\text{gal}}{\text{in}^2} = 10,370 \text{ gal} - 120 \text{ min} = 86.5 \text{ GPM}$					
Final Flow Meter Reading:					

Load	(Pre-Loading) Tanker		(Post-Loading) Tanker		Destination	Gallons
	Time Start	Confirmed Clean	Time Stop	Tanker Volume (by Stick Mass)	Manifest(s) Numbers	
Load #1						
Load #2						
Load #3						
Load #4						



O'BRIEN & GERE

PAS Site
Oswego, New York

Leachate Disposal Checklist

Field Technician: MARTIN KOENNECKE Time on-site: 9:00

Transportation Subcontractor: _____

Leachate Destination: CITY of AUBURN

Date: 11-3-08

Well	Leachate Collection Well Pumping		Well Pumping Flow Rate Analyses		Flow Rate Calculation
	Start Time	Stop Time	Time	Tank Elev. (Down)	
LCW-1	11:00	1915	Pumped 35" x 305 gal = 10827 ÷ 135 min = 80 GPM		
LCW-2	11:00	13:15			
LCW-2	NOT Pumped				
LCW-4	NOT Pumped				
Leachate Holding Tank Height:					
Start	4.5"	1	Leachate yellow in color Checked PH & IRON w/ HACH KIT AT 31"		
Stop	40"	1	PH - 6.85, Fe Test 7.5 mg/L		
End		1	ADDED 1-50lbs. Bag SODIUM HYDROXIDE, 1 lbs LIME AND MIXED		
Initial Flow Meter Reading:					
Final Flow Meter Reading: PH at 40" 8.65					

Load	(Pre-Loading) Tanker		(Post-Loading) Tanker		Destination	Gallons
	Time Start	Confirmed Clean	Time Stop	Tanker Volume (by Stick Mass)	Manifest(s) Numbers	
Load #1						
Load #2						
Load #3						
Load #4						



O'BRIEN & GERE

PAS Site
Oswego, New York

Leachate Disposal Checklist

Field Technician: MARTIN KOENNECKE Time on-site: 17:00 AM

Transportation Subcontractor: OP-TECH ENVIRONMENTAL SERVICES INC.

Leachate Destination: CITY OF AUBURN WATER POLLUTION PLANT

Date: 11-5-08

Well	Leachate Collection Well Pumping		Well Pumping Flow Rate Analyses		Flow Rate Calculation
	Start Time	Stop Time	Time	Tank Elev. (Down)	
LCW-1					
LCW-2	PUMPED 11-3-08				
LCW-3	NOT PUMPED -				
LCW-4					
Leachate Holding Tank Height:					
Start	40"				
Stop	35.25"		LOADED 10,750 gal.	35.25"	
End	4.75"				
Initial Flow Meter Reading:					
Final Flow Meter Reading: PH READING 8.4, FE HACH TEST 2.0					

TANK SAMPLES FOR AUBURN QUARTERLY AT 8:30 AM

Load	(Pre-Loading) Tanker		(Post-Loading) Tanker		Destination	Gallons
	Time Start	Confirmed Clean	Time Stop	Tanker Volume (by Stick Mass)	Manifest(s) Numbers	
Load #1	8:00	Yes	9:15	51.5"	OPT-0009	8,400
Load #2	9:30	Yes	10:00	57"	OPT-0010	2,350
Load #3						
Load #4						



O'BRIEN & GERE

PAS Site
Oswego, New York

Leachate Disposal Checklist

Field Technician: MARTIN KERNHECKE Time on-site: 7:00
Transportation Subcontractor: NA
Leachate Destination: NA
Date: 12-1-08

Well	Leachate Collection Well Pumping		Well Pumping Flow Rate Analyses		Flow Rate Calculation
	Start Time	Stop Time	Time	Tank Elev. (Down)	
LCW-1	1030	1130			
LCW-2	1030	1130			
LCW-3	NOT PUMPED				
LCW-4	1030	11:30			

Leachate Holding Tank Height:
Start 4.75" |
Stop 38.5" | PH 6.9, FE HACH + 8.0, sampled LCW 4 TANK
End 41" | Treated with SODA BEADS + 118 Lime and sampled TANK

Initial Flow Meter Reading:
Final Flow Meter Reading: SAMPLED LCW-4, TANK PRE TREATMENT POST TREATMENT

Load	(Pre-Loading) Tanker		(Post-Loading) Tanker		Destination	Gallons
	Time Start	Confirmed Clean	Time Stop	Tanker Volume (by Stick Mass)	Manifest(s) Numbers	
Load #1						
Load #2						
Load #3						
Load #4						



O'BRIEN & GERE

PAS Site
Oswego, New York

Leachate Disposal Checklist

Field Technician: MARTIN KORMACK Time on-site: 8:00

Transportation Subcontractor: OP-TECH ENVIRONMENTAL SERVICES

Leachate Destination: AUBURN WATER POLLUTION CONTROL PLANT

Date: 12-4-08

Well	Leachate Collection Well Pumping		Well Pumping Flow Rate Analyses		Flow Rate Calculation
	Start Time	Stop Time	Time	Tank Elev. (Down)	
LCW-1					
LCW-2					
LCW-3					
LCW-4					
Leachate Holding Tank Height: <u>5mic</u>					
Start <u>41"</u> <u>After Big Filter PH- 8.5 HACH TEST KIT-1.0 FE</u>					
Stop <u>5.25"</u>					
End <u>Pumped 35.75" = 10,900 gal</u>					
Initial Flow Meter Reading:					
Final Flow Meter Reading:					

Load	(Pre-Loading) Tanker		(Post-Loading) Tanker		Destination	Gallons
	Time Start	Confirmed Clean	Time Stop	Tanker Volume (by Stick Mass)	Manifest(s) Numbers	
Load #1	<u>8:15</u>	<u>Yes</u>	<u>9:15</u>	<u>51"</u>	<u>CPT 0012</u>	<u>8300</u>
Load #2	<u>9:25</u>	<u>Yes</u>	<u>9:50</u>	<u>62"</u>	<u>CPT 0011</u>	<u>2600</u>
Load #3						
Load #4						

ATTACHMENT B-3

NON-HAZARDOUS WASTE MANIFESTS

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No NY EPA No 00511859	Manifest Document No OPT-0008	2. Page 1 of 1
3. Participating Parties C/O O'Brien & Gere Operations 5000 Brittonfield Pkwy, E Syracuse, NY 13057		55 Seneca Street Oswego, NY 13128		
4. Generator's Phone () 315-437-6100 Attn: Kevin Stone	5. Transporter 1 Company Name OP-TECH Environmental Services, Inc.		6. US EPA ID Number NY D 988980753	
7. Transporter 2 Company Name		8. US EPA ID Number	A. State Transporter's ID 6A-166	
9. Designated Facility Name and Site Address Auburn Water Pollution Control Plant 35 Bradley St. Auburn, NY 13021		10. US EPA ID Number		B. Transporter 1 Phone 315-463-1843
11. WASTE DESCRIPTION		12. Containers No. Type		13. Total Quantity Est.
Non RCRA, Non DOT Regulated Liquids (Leachate Water)		1 TT		8300
14. Unit Wt./Vol. G				
b.				
c.				
d.				
G. Additional Descriptions for Materials Listed Above a. 50 1/2"		H. Handling Codes for Wastes Listed Above a. T c. b. d.		
15. Special Handling Instructions and Additional Information Emergency Response: OP-TECH Environmental Services, Inc. @ 1-800-225-6750 Job # SOBE00071				
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.				
Printed/Typed Name AS AGENT MARTIN KOENNECKE		Signature AK AGENT Martin Koenecke		Date Month Day Year 10 08 08
17. Transporter 1 Acknowledgement of Receipt of Materials		Date		
Printed/Typed Name RICHARD L. GROVER JR.		Signature Richard L. Grover Jr.		Month Day Year 10 08 08
18. Transporter 2 Acknowledgement of Receipt of Materials		Date		
Printed/Typed Name		Signature		Month Day Year
19. Discrepancy Indication Space				
20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.				
Printed/Typed Name Mike R. Stevens		Signature		Date Month Day Year 10 05 08

NON-HAZARDOUS WASTE GENERATOR

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on olive (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. N Y D 0 0 0 5 1 1 6 5 9	Manifest Document No. OPT-0007	2. Page 1 of 1
3. Recipient's Name and Address C/O O'Brien & Gere Operations 5000 Brittonfield Pkwy, E Syracuse, NY 13057		55 Seneca Street Oswego, NY 13126		
4. Generator's Phone () 315-437-6100 Attn. Kevin Stone				
5. Transporter 1 Company Name OP-TECH Environmental Services, Inc.		6. US EPA ID Number N Y D 0 8 8 6 8 8 0 7 5 3	A. State Transporter's ID 6A-166	B. Transporter 1 Phone 315-483-1843
7. Transporter 2 Company Name		8. US EPA ID Number	C. State Transporter's ID	D. Transporter 2 Phone
9. Designated Facility Name and Site Address Auburn Water Pollution Control Plant 35 Bradley St. Auburn, NY 13021		10. US EPA ID Number	E. State Facility's ID	F. Facility's Phone 315-253-6511
11. WASTE DESCRIPTION		12. Containers No.	13. Total Quantity	14. Unit WL/Vol.
Non RCRA, Non DOT Regulated Liquids (Leachate Water)		1	Est. 2571	G
b.				
c.				
d.				
G. Additional Descriptions for Materials Listed Above a.		H. Handling Codes for Wastes Listed Above a. T c. b. d.		
53"				
15. Special Handling Instructions and Additional Information Emergency Response: OP-TECH Environmental Services, Inc. @ 1-800-225-6750 Job # SOBE00071				
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.				
Printed/Typed Name MS AGENT MARTIN KOENNECKE		Signature MS AGENT Martin Koennecke	Date Month Day Year 10 08 08	
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name Brett Farmer		Signature Brett Farmer	Date Month Day Year 10 8 08	
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name		Signature	Date Month Day Year	
19. Discrepancy Indication Space				
20. Facility Owner or Operator; Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.				
Printed/Typed Name Tim O'Brien		Signature Tim O'Brien	Date Month Day Year 10 8 08	

GENERATOR


NON-HAZARDOUS WASTE

TRANSPORTER

FACILITY

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. NYD000511859		Manifest Document No. OPT-008		2. Page 1 of 1	
3. Generator Name and Mailing Address PAS Participating Parties C/O O'Brien & Gere Operations 5000 Brittonfield Pkwy, E Syracuse, NY 13057				65 Seneca Street Oswego, NY 13126			
4. Generator's Phone () 315-437-6100 Attn. Kevin Stone				6. Transporter 1 Company Name OP-TECH Environmental Services, Inc.		8. US EPA ID Number NYD0886980753	
				A. State Transporter's ID 8A-166		B. Transporter 1 Phone 315-483-1843	
7. Transporter 2 Company Name				8. US EPA ID Number		C. State Transporter's ID	
						D. Transporter 2 Phone	
9. Designated Facility Name and Site Address Auburn Water Pollution Control Plant 35 Bradley St. Auburn, NY 13021				10. US EPA ID Number		E. State Facility's ID	
						F. Facility's Phone 315-253-6511	
11. WASTE DESCRIPTION				12. Containers		13. Total Quantity	
				No. Type		Unit Wt./Vol.	
Non RCRA, Non DOT Regulated Liquids (Leachate Water)				1 TT		Est. 8400 G	
b.							
c.							
d.							
G. Additional Descriptions for Materials Listed Above				H. Handling Codes for Wastes Listed Above			
a. 51.5"				a. T c. b. d.			
15. Special Handling Instructions and Additional Information Emergency Response: OP-TECH Environmental Services, Inc. @ 1-800-225-6750 Job # SOBE0071							
							
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.							
Printed/Typed Name Martin Koennelke				Signature <i>Martin Koennelke</i>		Date 11/5/08	
17. Transporter 1 Acknowledgement of Receipt of Materials				Printed/Typed Name RICHARD L. GROVER JR.		Signature <i>Richard L. Grover Jr.</i>	
						Date 11/5/08	
18. Transporter 2 Acknowledgement of Receipt of Materials				Printed/Typed Name		Signature	
						Date	
19. Discrepancy Indication Space							
20. Facility Owner or Operator; Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.							
Printed/Typed Name <i>[Signature]</i>				Signature <i>[Signature]</i>		Date 11/5/08	

GENERATOR

TRANSPORTER

FACILITY

NON-HAZARDOUS WASTE MANIFEST

Rease print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. NYD000511859		Manifest Document No. OPT-0010	2. Page 1 of 1
3. Generator's Name and Mailing Address PAS Participating Parties C/O O'Brien & Gere Operations 5000 Brittonfield Pkwy, E Syracuse, NY 13057			55 Seneca Street Oswego, NY 13128		
4. Generator's Phone () 315-437-6100 Attn. Kevin Stone					
5. Transporter 1 Company Name OP-TECH Environmental Services, Inc.		8. US EPA ID Number NYD986980753		A. State Transporter's ID 6A-165	
7. Transporter 2 Company Name		8. US EPA ID Number		B. Transporter 1 Phone 315-483-1843	
9. Designated Facility Name and Site Address Auburn Water Pollution Control Plant 35 Bradley St. Auburn, NY 13021		10. US EPA ID Number		C. State Transporter's ID	
				D. Transporter 2 Phone	
				E. State Facility's ID	
				F. Facility's Phone 315-253-6511	
11. WASTE DESCRIPTION			12. Containers		13. Total Quantity
			No.	Type	Unit Wt./Vol.
Non RCRA, Non DOT Regulated Liquids (Leachate Water)			1	TT	Est. 2350
b.					
c.					
d.					
G. Additional Descriptions for Materials Listed Above			H. Handling Codes for Wastes Listed Above		
a.			a. T c.		
			b. d.		
15. Special Handling Instructions and Additional Information Emergency Response: OP-TECH Environmental Services, Inc. @ 1-800-225-6750 Job # SOBE00071					
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.					
Printed/Typed Name AS Agent MARTIN KOEUNECKE			Signature AS Agent Martin Koenecke		Date 11 5 08
17. Transporter 1 Acknowledgement of Receipt of Materials			Signature		Date
Printed/Typed Name VENCE KELLEY			Signature Vence Kelley		Month Day Year 11 5 08
18. Transporter 2 Acknowledgement of Receipt of Materials			Signature		Date
Printed/Typed Name			Signature		Month Day Year
19. Discrepancy Indication Space					
20. Facility Owner or Operator; Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.					
Printed/Typed Name Kevin Stone			Signature Kevin Stone		Date 11 5 08

NON-HAZARDOUS WASTE

GENERATOR

TRANSPORTER

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NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on a lite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No NYD000511859		Manifest Document No. OPT-0011	2. Page 1 of 1
3. Generator's Name and Mailing Address C/O O'Brien & Gere Operations 5000 Brittonfield Pkwy, E Syracuse, NY 13057				55 Seneca Street Oswego, NY 13128	
4. Generator's Phone () 315-437-6100 Attn. Kevin Stone					
5. Transporter 1 Company Name OP-TECH Environmental Services, Inc.		a. US EPA ID Number NYD0886880753		A. State Transporter's ID 6A-166	
				B. Transporter 1 Phone 315-483-1843	
7. Transporter 2 Company Name		8. US EPA ID Number		C. State Transporter's ID	
				D. Transporter 2 Phone	
9. Designated Facility Name and Site Address Auburn Water Pollution Control Plant 35 Bradley St. Auburn, NY 13021				10. US EPA ID Number	
				E. State Facility's ID	
				F. Facility's Phone 315-253-6511	
11. WASTE DESCRIPTION			12. Containers	13. Total Quantity	14. Unit
			No.	Type	WL/Vol.
Non RCRA, Non DOT Regulated Liquids (Leachate Water)			1	TT	Est. 2600
b.					G
c.					
d.					
G. Additional Descriptions for Materials Listed Above			H. Handling Codes for Wastes Listed Above		
a. 62" = 2600			a. T c.		
			b. d.		
15. Special Handling Instructions and Additional Information Emergency Response: OP-TECH Environmental Services, Inc. @ 1-800-225-6750 Job # SOBED0071					
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.					
Printed/Typed Name <i>AS Agent</i> MARTIN KOENMACK				Signature <i>AS Agent</i> Martin Koennack	
				Date 12/04/08	
17. Transporter 1 Acknowledgement of Receipt of Materials					
Printed/Typed Name Wayne Carl				Signature <i>Wayne Carl</i>	
				Date 12/4/08	
18. Transporter 2 Acknowledgement of Receipt of Materials					
Printed/Typed Name				Signature	
				Date	
19. Discrepancy Indication Space					
20. Facility Owner or Operator Certification of receipt of the waste materials covered by this manifest, except as noted in item 9					
Printed/Typed Name Jeff Skora				Signature <i>Jeff Skora</i>	
				Date 12/9/08	

GENERATOR

NON-HAZARDOUS WASTE

TRANSPORTER

FACILITY

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. NYD0000511650	Manifest Document No. OPT-0012	2. Page 1 of 1
Participating Parties C/O O'Brien & Gere Operations 5000 Brittonfield Pkwy, E Syracuse, NY 13057 4. Generator's Phone () 315-437-6100 Attn. Kevin Stone		55 Seneca Street Oswego, NY 13126		
5. Transporter 1 Company Name OP-TECH Environmental Services, Inc.	6. US EPA ID Number NYD0886980753	A. State Transporter's ID 6A-166	B. Transporter 1 Phone 315-463-1643	
7. Transporter 2 Company Name	8. US EPA ID Number	C. State Transporter's ID	D. Transporter 2 Phone	
9. Designated Facility Name and Site Address Auburn Water Pollution Control Plant 35 Bradley St. Auburn, NY 13021	10. US EPA ID Number	E. State Facility's ID	F. Facility's Phone 315-253-6511	
11. WASTE DESCRIPTION		12. Containers	13. Total Quantity	14. Unit Wt./Vol.
Non RCRA, Non DOT Regulated Liquids (Leachate Water) b. c. d.		No.	Type	
		1	TT	Est. 8300 G
G. Additional Descriptions for Materials Listed Above a. 51"		H. Handling Codes for Wastes Listed Above a. T c. b. d.		
15. Special Handling Instructions and Additional Information Emergency Response: OP-TECH Environmental Services, Inc. @ 1-800-225-6750 Job # SOBE0071				
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.				
Printed/Typed Name AS Agent MARTIN KOENIGKE		Signature Martin Koehnke	Date Month Day Year 12 04 08	
17. Transporter 1 Acknowledgement of Receipt of Materials		Date		
Printed/Typed Name RICHARD L. GROVER JR.		Signature Richard L. Grover Jr.	Month Day Year 12 04 08	
18. Transporter 2 Acknowledgement of Receipt of Materials		Date		
Printed/Typed Name		Signature	Month Day Year	
19. Discrepancy Indication Space				
20. Facility Owner or Operator Certification of receipt of the waste materials covered by this manifest, except as noted in item 13.				
Printed/Typed Name Jeff Skusa		Signature Jeff Skusa	Date Month Day Year 12 4 08	

NON-HAZARDOUS WASTE GENERATOR

ATTACHMENT B-4

WASTE TREATMENT/DISPOSAL VERIFICATIONS



O'BRIEN & GERE

PAS Oswego Site Truck Unloading Verification Form

Date: 10/8/08

Unloading Facility

Auburn POTW, Auburn, NY

- Manifest #: OP-0008 Estimated Gallons: 8300
- Truck # or plate: 33297PA Tank Trailer # A580986
- Driver: Richard Grover, Jr.

Stick Measurement:

- Loading: 50.5"
- Unloading (Auburn POTW): 50.5"

POTW Disposal

Approved By (Auburn): Mark Storres

Transferred By: _____

Billing Gallons: _____

NOTE: Attached to Non-Hazardous Manifest and submit to O'Brien & Gere Operations Manager

Send To:
Kevin Stone
5000 Brittonfield Parkway,
P.O. Box 4873,
Syracuse, New York 13221-4873
(315) 437-6100 / FAX (315) 463-7554

Email To:
stonekm@obg.com

O'Brien & Gere Inc. of North America, an O'Brien & Gere company
5000 Brittonfield Parkway, P.O. Box 4873, Syracuse, New York 13221-4873
(315) 437-6100 / FAX (315) 463-7554 • <http://www.obg.com>

... and offices in major U.S. cities



O'BRIEN & GERE

PAS Oswego Site Truck Unloading Verification Form

Date: 10/8/08

Unloading Facility

Auburn POTW, Auburn, NY

- Manifest #: OP-0007 Estimated Gallons: 2571
- Truck # or plate: 69245PA Tank Trailer # N/A
- Driver: Brett Farnen

Stick Measurement:

- Loading: 53"
- Unloading (Auburn POTW): 53"

POTW Disposal

Approved By (Auburn): Tim O'Brien

Transferred By: _____

Billing Gallons: _____

NOTE: Attached to Non-Hazardous Manifest and submit to O'Brien & Gere Operations Manager

Send To;
Kevin Stone
5000 Brittonfield Parkway,
P.O. Box 4873,
Syracuse, New York 13221-4873
(315) 437-6100 / FAX (315) 463-7554

Email To:
stonekm@obg.com

O'Brien & Gere, Inc. of North America, an O'Brien & Gere company
5000 Brittonfield Parkway, P.O. Box 4873 Syracuse, New York 13221-4873
(315) 437-6100 / FAX (315) 463-7554 • <http://www.obg.com>

...and offices in major U.S. cities



O'BRIEN & GERE

PAS Oswego Site Truck Unloading Verification Form

Date: 11/5/08

Unloading Facility

Auburn POTW, Auburn, NY

- Manifest #: QP-0009 Estimated Gallons : 8400
- Truck # or plate: 33297PA Tank Trailer # AS80986
- Driver: Richard Grover

Stick Measurement:

- Loading: 51.5"
- Unloading (Auburn POTW): 51.5"

POTW Disposal

Approved By (Auburn): Jim Brown

Transferred By: _____

Billing Gallons: _____

NOTE: Attached to Non-Hazardous Manifest and submit to O'Brien & Gere Operations Manager

Send To;
Kevin Stone
5000 Brittonfield Parkway,
P.O. Box 4873,
Syracuse, New York 13221-4873
(315) 437-6100 / FAX (315) 463-7554

Email To:
stonekm@obg.com



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5000 Brittonfield Parkway, P.O. Box 4873, Syracuse, New York 13221-4873
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O'BRIEN & GERE

PAS Oswego Site Truck Unloading Verification Form

Date: 11/5/08

Unloading Facility

Auburn POTW, Auburn, NY

- Manifest #: OP-00010 Estimated Gallons : 2350
- Truck # or plate: 72452PA Tank Trailer # N/A
- Driver: Vince Kelley

Stick Measurement:

- Loading: 57"
- Unloading (Auburn POTW): 57"

POTW Disposal

Approved By (Auburn): Jim Brown

Transferred By: _____

Billing Gallons: _____

NOTE: Attached to Non-Hazardous Manifest and submit to O'Brien & Gere Operations Manager

Send To;
 Kevin Stone
 5000 Brittonfield Parkway,
 P.O. Box 4873,
 Syracuse, New York 13221-4873
 (315) 437-6100 / FAX (315) 463-7554

Email To:
 stonekm@obg.com



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O'BRIEN & GERE

PAS Oswego Site Truck Unloading Verification Form

Date: 12/4/08

Unloading Facility

Auburn POTW, Auburn, NY

- Manifest #: OP-0011 Estimated Gallons: 2600
- Truck # or plate: 72452PA Tank Trailer # N/A
- Driver: Wayne Earl

Stick Measurement:

- Loading: 62"
- Unloading (Auburn POTW): 62"

POTW Disposal

Approved By (Auburn): Jeff Sikora

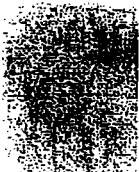
Transferred By: _____

Billing Gallons: _____

NOTE: Attached to Non-Hazardous Manifest and submit to O'Brien & Gere Operations Manager

Send To;
 Kevin Stone
 5000 Brittonfield Parkway,
 P.O. Box 4873,
 Syracuse, New York 13221-4873
 (315) 437-6100 / FAX (315) 463-7554

Email To:
 stonekm@obg.com



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 315-437-6100 FAX: 315-463-7554 <http://www.obg.com>



O'BRIEN & GERE

PAS Oswego Site Truck Unloading Verification Form

Date: 12/4/08

Unloading Facility

Auburn POTW, Auburn, NY

- Manifest #: OP-0012 Estimated Gallons: 8300
- Truck # or plate: 33297PA Tank Trailer # AS80986
- Driver: Rick Grover

Stick Measurement:

- Loading: 51"
- Unloading (Auburn POTW): 51"

POTW Disposal

Approved By (Auburn): Jeff Sikora

Transferred By: _____

Billing Gallons: _____

NOTE: Attached to Non-Hazardous Manifest and submit to O'Brien & Gere Operations Manager

Send To;
Kevin Stone
5000 Brittonfield Parkway,
P.O. Box 4873,
Syracuse, New York 13221-4873
(315) 437-6100 / FAX (315) 463-7554

Email To:
stonekm@obg.com



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5000 Brittonfield Parkway, P.O. Box 4873, Syracuse, NY 13221-4873
(315) 437-6100 / FAX (315) 463-7554 • www.obg.com

ATTACHMENT B-5

***SEMI-ANNUAL LEACHATE AND GROUND-WATER MONITORING
NOVEMBER 2008***



Life Science Laboratories, Inc.

5000 Brittonfield Parkway, Suite 200
East Syracuse, NY 13057

(315) 437-0200

Wednesday, November 26, 2008

Kevin Stone
O'Brien & Gere Inc. of North America
5000 Brittonfield Parkway
PO Box 4873
Syracuse, NY 13221-4873

TEL: 315-437-6100

Project: PAS OSWEGO, NY SEMI ANNUAL

RE: Analytical Result

Order No.: 0811038

Dear Kevin Stone:

Life Science Laboratories, Inc. received 7 sample(s) on 11/6/2008 for the analyses presented in the following report.

Very truly yours,
Life Science Laboratories, Inc.

Pamela J. Titus
Project Manager

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Laboratory Report

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Project Management Case Narrative

INTRODUCTION/ANALYTICAL RESULTS

This report summarizes the laboratory results for O'Brien & Gere Inc. of North America samples from the PAS site located in Oswego, NY.

CONDITION UPON RECEIPT/CHAIN OF CUSTODY

The cooler(s) were received intact. When the cooler(s) were received by the laboratory, the sample custodian(s) opened and inspected the shipment(s) for damage, custody inconsistencies and proper preservation. Chains of custody documenting receipt are presented in the chain of custody section. Each sample was assigned a unique laboratory number and a custody file created. The samples were placed in a secured walk-in cooler and signed in and out by the chemists performing the tests. The sign out record, or lab chronicle, is presented in the chain of custody section.

No discrepancies were noted upon receipt. The temperature of the iced cooler was 6.6°C.

METHODOLOGY

The following methods were used to perform the analyses:

PARAMETER	METHOD	REFERENCE
Volatile Organics	8260B	1
BOD5	SM 5210 B	2
TDS	SM 2540 C	2
TSS	SM 2540 D	2
COD	EPA 410.4	3
TOC	SM 5310 B	2

- 1) Test Methods for Evaluating Solid Wastes, SW-846 Third Edition, Final Update III, December 1996.
- 2) Standard Methods for the Examination of Water and Wastewater, 18th Edition, 1992.
- 3) Methods for Chemical Analysis of Water and Wastes, EPA-600/4-79-020, 1983.

QUALITY CONTROL

QA/QC results are summarized in the Laboratory Report Package and are also included in the raw data.

RAW DATA

The raw data is organized in a format similar to the US EPA Contract Laboratory Program order of data requirements.

GC/MS Volatile Organics Case Narrative

Client: OGINA PAS
Project/Order: PAS Oswego, NY Semi Annual
Work Order #: 0811038
Methodology: 8260B

Analyzed/Reviewed by (Initials/Date):

AW 11-18-08

Supervisor/Reviewed by (Initials/Date):

AW 11-18-08

QA/QC Review (Initials/Date):

Sh 11/18/08

File Name:

G:\Narratives\MSVoa\ 0811038msvnr.doc

GC/MS Volatile Organics

The GC/MS Volatile instruments are equipped with a Restek Rtx-VMS, 40 m x 0.18 mm ID capillary column (MS01 & MS03), Restek Rtx-502.2, 105 m x 0.53 mm ID capillary column (MS02), and Restek Rtx-VMS, 60 m x 0.25mm ID capillary column (MS04), and a Vocarb 3000 adsorbent trap.

Holding Times and Sample Preservation

All samples were prepared and analyzed within the method and/or QAPP specified holding time requirements. Samples had a pH of < 2.

Laboratory Control Sample

The following compound(s) did not meet laboratory control sample recovery criteria:

LCS No.	Compound	Corrective Action
LCS-15435	Dichlorodifluoromethane	1
	Vinyl chloride	2
	trans-1,3-Dichloropropene	3

- 1 The recovery exceeded the upper control limit and was not detected above the PQL/RL in the associated samples. No corrective action was taken.
- 2 The recovery marginally exceeded the upper control limit and was detected above the PQL/RL in the associated samples. Recovery for target analyte may be biased high. The MS/MSD met recovery criteria for this analyte. No corrective action was taken.
- 3 The recovery marginally exceeded the upper control limit and was not detected above the PQL/RL in the associated samples. No corrective action was taken.

GC/MS Volatile Organics Case Narrative - Page 2

Client: OGINA PAS
Project/Order: PAS Oswego, NY Semi Annual
Work Order #: 0811038
Methodology: 8260B

MS/MSD

The following compound(s) did not meet matrix spike/matrix spike duplicate percent recovery and/or RPD criteria:

Sample Description	Sample #	Compound	% REC	RPD	Corrective Action
M-21	0811038-002AMS/MSD	Dichlorodifluoromethane	X		1

- 1 The recovery exceeded the upper control limit and was not detected above the PQL/RL in the associated samples. No corrective action was taken.

Surrogate Standards

All surrogate standard recoveries met method and/or project specific QC criteria.

Internal Standards

All internal standard areas met method and/or project specific QC criteria.

Calibrations

All initial calibrations and calibration verifications met method and/or project specific QC criteria.

Preparation Blanks

All preparation blanks met method and/or project specific QC criteria.

Wet Chemistry Case Narrative

Client ID: OGINA PAS
Project/Order: PAS Oswego, NY Semi Annual
Work Order #: 0811038
Methodology: Residue-filterable (TDS) – SM 2540 C
Chemical Oxygen Demand – EPA 410.4
Residue-non-filterable (TSS) – SM 2540 D
Organic Carbon-Total (TOC) – SM 5310 B
Biochemical oxygen demand – SM 5210 B

Analyzed/Reviewed by (Date/Initials): 11-21-03 mt

Supervisor/Reviewed by (Date/Initials): 11-21-03 mt

QA/QC Review (Date/Initials): Leefer-H 11/24/03

Wet Chemistry

There were no excursions to note. All QC results were within established control limits.

CLIENT: O'Brien & Gere Inc. of North America
Project: PAS Oswego, NY Semi Annual
Lab Order: 0811038

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
0811038-001A	Equipment Blank		11/6/2008	11/6/2008
0811038-002A	M-21		11/6/2008	11/6/2008
0811038-003A	LR-8		11/6/2008	11/6/2008
0811038-004A	LR-6		11/6/2008	11/6/2008
0811038-005A	LCW-2		11/6/2008	11/6/2008
0811038-005B	LCW-2		11/6/2008	11/6/2008
0811038-005C	LCW-2		11/6/2008	11/6/2008
0811038-005D	LCW-2		11/6/2008	11/6/2008
0811038-006A	LCW-4		11/6/2008	11/6/2008
0811038-006B	LCW-4		11/6/2008	11/6/2008
0811038-006C	LCW-4		11/6/2008	11/6/2008
0811038-006D	LCW-4		11/6/2008	11/6/2008
0811038-007A	QC Trip Blank		11/6/2008	11/6/2008

Life Science Laboratories, Inc.

26-Nov-08

Lab Order: 0811038
Client: O'Brien & Gere Inc. of North America
Project: PAS Oswego, NY Semi Annual

DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
0811038-001A	Equipment Blank	11/6/2008 6:00:00 AM	Water Q	Volatile Organic Compounds by GC/MS			11/7/2008
0811038-002A	M-21	11/6/2008 7:30:00 AM	Water	Volatile Organic Compounds by GC/MS			11/7/2008
0811038-003A	I.R-8	11/6/2008 9:00:00 AM		Volatile Organic Compounds by GC/MS			11/7/2008
0811038-004A	I.R-6	11/6/2008 11:45:00 AM		Volatile Organic Compounds by GC/MS			11/7/2008
0811038-005A	LCW-2	11/6/2008 1:00:00 PM		Volatile Organic Compounds by GC/MS			11/7/2008
0811038-005B				Biochemical oxygen demand (BOD5)			11/7/2008
				Residue-filterable (TDS)			11/7/2008
				Residue-non-filterable (TSS)			11/6/2008
0811038-005C				COD			11/14/2008
0811038-005D				Organic carbon-Total (TOC)			11/10/2008
				Organic carbon-Total (TOC)			11/10/2008
0811038-006A	LCW-4	11/6/2008 2:20:00 PM		Volatile Organic Compounds by GC/MS			11/7/2008
0811038-006B				Biochemical oxygen demand (BOD5)			11/7/2008
				Residue-filterable (TDS)			11/7/2008
				Residue-non-filterable (TSS)			11/6/2008
0811038-006C				COD			11/14/2008
0811038-006D				Organic carbon-Total (TOC)			11/10/2008
				Organic carbon-Total (TOC)			11/10/2008
0811038-007A	QC Trip Blank	11/6/2008 6:00:00 AM	Water Q	Volatile Organic Compounds by GC/MS			11/7/2008

Chain of Custody

External Chain of Custody



Life Science Laboratories, Inc.

5000 Brittonfield Parkway, Suite 200
East Syracuse, NY 13057 (315) 437-0200

Analytical Results

StateCertNo: 10155

CLIENT: O'Brien & Gere Inc. of North America
Project: PAS Oswego, NY Semi Annual
W Order: 0811038
Matrix: WATER Q
Inst. ID: MS04 73
ColumnID: Rtx-VMS
Revision: 11/10/08 10:53
Col Type:

Lab ID: 0811038-001A
Client Sample ID: *Equipment Blank*
Collection Date: 11/06/08 6:00
Date Received: 11/06/08 15:38
PrepDate:
BatchNo: R15435
FileID: 1-SAMP-R2323.D

Sample Size: 10 mL
%Moisture:
TestCode: 8260W OLM42

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS				SW8260B			
Dichlorodifluoromethane	ND		1.00	0.25	µg/L	1	11/07/08 12:50
Chloromethane	ND		1.00	0.50	µg/L	1	11/07/08 12:50
Vinyl chloride	ND		1.00	0.50	µg/L	1	11/07/08 12:50
Bromomethane	ND		1.00	0.19	µg/L	1	11/07/08 12:50
Chloroethane	ND		1.00	0.50	µg/L	1	11/07/08 12:50
Trichlorofluoromethane	ND		1.00	0.10	µg/L	1	11/07/08 12:50
1,1-Dichloroethene	ND		0.50	0.25	µg/L	1	11/07/08 12:50
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.16	µg/L	1	11/07/08 12:50
Acetone	ND		10.0	2.50	µg/L	1	11/07/08 12:50
Carbon disulfide	ND		0.50	0.16	µg/L	1	11/07/08 12:50
Methyl acetate	ND		5.00	2.50	µg/L	1	11/07/08 12:50
Methylene chloride	0.28 J		2.00	0.16	µg/L	1	11/07/08 12:50
trans-1,2-Dichloroethene	ND		0.50	0.16	µg/L	1	11/07/08 12:50
Methyl tert-butyl ether	ND		1.00	0.50	µg/L	1	11/07/08 12:50
1,1-Dichloroethane	ND		0.50	0.16	µg/L	1	11/07/08 12:50
cis-1,2-Dichloroethene	ND		0.50	0.16	µg/L	1	11/07/08 12:50
2-Butanone	ND		10.0	2.50	µg/L	1	11/07/08 12:50
Chloroform	ND		0.50	0.10	µg/L	1	11/07/08 12:50
1,1,1-Trichloroethane	ND		0.50	0.16	µg/L	1	11/07/08 12:50
Cyclohexane	ND		0.50	0.25	µg/L	1	11/07/08 12:50
Carbon tetrachloride	ND		0.50	0.25	µg/L	1	11/07/08 12:50
Benzene	ND		0.50	0.16	µg/L	1	11/07/08 12:50
1,2-Dichloroethane	ND		0.50	0.25	µg/L	1	11/07/08 12:50
Trichloroethene	ND		0.50	0.10	µg/L	1	11/07/08 12:50
Methylcyclohexane	ND		0.50	0.25	µg/L	1	11/07/08 12:50
1,2-Dichloropropane	ND		0.50	0.16	µg/L	1	11/07/08 12:50
Bromodichloromethane	ND		0.50	0.16	µg/L	1	11/07/08 12:50
cis-1,3-Dichloropropene	ND		0.50	0.25	µg/L	1	11/07/08 12:50
4-Methyl-2-pentanone	ND		5.00	1.00	µg/L	1	11/07/08 12:50
Toluene	ND		0.50	0.10	µg/L	1	11/07/08 12:50
trans-1,3-Dichloropropene	ND		0.50	0.25	µg/L	1	11/07/08 12:50
1,1,2-Trichloroethane	ND		0.50	0.25	µg/L	1	11/07/08 12:50
Tetrachloroethene	ND		0.50	0.10	µg/L	1	11/07/08 12:50

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Value exceeds the instrument calibration range
- J Analyte detected below the PQL
- P Prim./Conf. column %D or RPD exceeds limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Practical Quantitation Limit (PQL)
- S Spike Recovery outside accepted recovery limits

Print Date: 11/10/08 11:03

402370

Project Supervisor: Pamela J. Titus



Life Science Laboratories, Inc.

5000 Brittonfield Parkway, Suite 200
East Syracuse, NY 13057 (315) 437-0200

Analytical Results

StateCertNo: 10155

CLIENT: O'Brien & Gere Inc. of North America	Lab ID: 0811038-001A
Project: PAS Oswego, NY Semi Annual	Client Sample ID: <i>Equipment Blank</i>
W Order: 0811038	Collection Date: 11/06/08 6:00
Matrix: WATER Q	Date Received: 11/06/08 15:38
Inst. ID: MS04 73	Sample Size: 10 mL
ColumnID: Rtx-VMS	%Moisture:
Revision: 11/10/08 10:53	TestCode: 8260W OLM42
Col Type:	PrepDate:
	BatchNo: R15435
	FileID: 1-SAMP-R2323.D

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS				SW8260B			
2-Hexanone	ND		5.00	1.00	µg/L	1	11/07/08 12:50
Dibromochloromethane	ND		0.50	0.16	µg/L	1	11/07/08 12:50
1,2-Dibromoethane	ND		0.50	0.25	µg/L	1	11/07/08 12:50
Chlorobenzene	ND		0.50	0.16	µg/L	1	11/07/08 12:50
Ethylbenzene	ND		0.50	0.10	µg/L	1	11/07/08 12:50
Xylenes (total)	ND		1.00	0.26	µg/L	1	11/07/08 12:50
Styrene	ND		0.50	0.16	µg/L	1	11/07/08 12:50
Bromoform	ND		1.00	0.50	µg/L	1	11/07/08 12:50
Isopropylbenzene	ND		0.50	0.16	µg/L	1	11/07/08 12:50
1,1,2,2-Tetrachloroethane	ND		0.50	0.16	µg/L	1	11/07/08 12:50
1,3-Dichlorobenzene	ND		0.50	0.16	µg/L	1	11/07/08 12:50
1,4-Dichlorobenzene	ND		0.50	0.16	µg/L	1	11/07/08 12:50
1,2-Dichlorobenzene	ND		0.50	0.16	µg/L	1	11/07/08 12:50
1,2-Dibromo-3-chloropropane	ND		5.00	2.50	µg/L	1	11/07/08 12:50
1,2,4-Trichlorobenzene	ND		1.00	0.50	µg/L	1	11/07/08 12:50
Surr: 1,2-Dichloroethane-d4	115		75-134	0.10	%REC	1	11/07/08 12:50
Surr: Toluene-d8	96.8		75-125	0.10	%REC	1	11/07/08 12:50
Surr: 4-Bromofluorobenzene	89.9		75-125	0.10	%REC	1	11/07/08 12:50

Qualifiers:	* Value exceeds Maximum Contaminant Level	B Analyte detected in the associated Method Blank
	E Value exceeds the instrument calibration range	H Holding times for preparation or analysis exceeded
	J Analyte detected below the PQL	ND Not Detected at the Practical Quantitation Limit (PQL)
	P Prim./Conf. column %D or RPD exceeds limit	S Spike Recovery outside accepted recovery limits



Life Science Laboratories, Inc.

5000 Brittonfield Parkway, Suite 200
East Syracuse, NY 13057 (315) 437-0200

Analytical Results

StateCertNo: 10155

CLIENT: O'Brien & Gere Inc. of North America
Project: PAS Oswego, NY Semi Annual
W Order: 0811038
Matrix: WATER
Inst. ID: MS04 73
ColumnID: Rtx-VMS
Revision: 11/10/08 10:53
Col Type:

Lab ID: 0811038-002A
Client Sample ID: M-21
Collection Date: 11/06/08 7:30
Date Received: 11/06/08 15:38
PrepDate:
BatchNo: R15435
FileID: 1-SAMP-R2324.D

Sample Size: 10 mL
%Moisture:
TestCode: 8260W OLM42

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
					SW8260B		
Dichlorodifluoromethane	ND		1.00	0.25	µg/L	1	11/07/08 13:22
Chloromethane	0.59	J	1.00	0.50	µg/L	1	11/07/08 13:22
Vinyl chloride	ND		1.00	0.50	µg/L	1	11/07/08 13:22
Bromomethane	ND		1.00	0.19	µg/L	1	11/07/08 13:22
Chloroethane	5.46		1.00	0.50	µg/L	1	11/07/08 13:22
Trichlorofluoromethane	ND		1.00	0.10	µg/L	1	11/07/08 13:22
1,1-Dichloroethene	ND		0.50	0.25	µg/L	1	11/07/08 13:22
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.16	µg/L	1	11/07/08 13:22
Acetone	ND		10.0	2.50	µg/L	1	11/07/08 13:22
Carbon disulfide	ND		0.50	0.16	µg/L	1	11/07/08 13:22
Methyl acetate	ND		5.00	2.50	µg/L	1	11/07/08 13:22
Methylene chloride	0.23	J	2.00	0.16	µg/L	1	11/07/08 13:22
trans-1,2-Dichloroethene	ND		0.50	0.16	µg/L	1	11/07/08 13:22
Methyl tert-butyl ether	ND		1.00	0.50	µg/L	1	11/07/08 13:22
1,1-Dichloroethane	ND		0.50	0.16	µg/L	1	11/07/08 13:22
cis-1,2-Dichloroethene	ND		0.50	0.16	µg/L	1	11/07/08 13:22
2-Butanone	ND		10.0	2.50	µg/L	1	11/07/08 13:22
Chloroform	ND		0.50	0.10	µg/L	1	11/07/08 13:22
1,1,1-Trichloroethane	ND		0.50	0.16	µg/L	1	11/07/08 13:22
Cyclohexane	1.59		0.50	0.25	µg/L	1	11/07/08 13:22
Carbon tetrachloride	ND		0.50	0.25	µg/L	1	11/07/08 13:22
Benzene	0.89		0.50	0.16	µg/L	1	11/07/08 13:22
1,2-Dichloroethane	ND		0.50	0.25	µg/L	1	11/07/08 13:22
Trichloroethene	ND		0.50	0.10	µg/L	1	11/07/08 13:22
Methylcyclohexane	ND		0.50	0.25	µg/L	1	11/07/08 13:22
1,2-Dichloropropane	ND		0.50	0.16	µg/L	1	11/07/08 13:22
Bromodichloromethane	ND		0.50	0.16	µg/L	1	11/07/08 13:22
cis-1,3-Dichloropropene	ND		0.50	0.25	µg/L	1	11/07/08 13:22
4-Methyl-2-pentanone	ND		5.00	1.00	µg/L	1	11/07/08 13:22
Toluene	0.36	J	0.50	0.10	µg/L	1	11/07/08 13:22
trans-1,3-Dichloropropene	ND		0.50	0.25	µg/L	1	11/07/08 13:22
1,1,2-Trichloroethane	ND		0.50	0.25	µg/L	1	11/07/08 13:22
Tetrachloroethene	ND		0.50	0.10	µg/L	1	11/07/08 13:22

Qualifiers:	* Value exceeds Maximum Contaminant Level	B Analyte detected in the associated Method Blank
	E Value exceeds the instrument calibration range	H Holding times for preparation or analysis exceeded
	J Analyte detected below the PQL	ND Not Detected at the Practical Quantitation Limit (PQL)
	P Prim./Conf. column %D or RPD exceeds limit	S Spike Recovery outside accepted recovery limits



Life Science Laboratories, Inc.

5000 Brittonfield Parkway, Suite 200
East Syracuse, NY 13057 (315) 437-0200

Analytical Results

StateCertNo: 10155

CLIENT: O'Brien & Gere Inc. of North America

Lab ID: 0811038-002A

Project: PAS Oswego, NY Semi Annual

Client Sample ID: M-21

W Order: 0811038

Collection Date: 11/06/08 7:30

Matrix: WATER

Date Received: 11/06/08 15:38

Inst. ID: MS04 73

Sample Size: 10 mL

PrepDate:

ColumnID: Rtx-VMS

%Moisture:

BatchNo: R15435

Revision: 11/10/08 10:53

TestCode: 8260W OLM42

FileID: I-SAMP-R2324.D

Col Type:

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS				SW8260B			
2-Hexanone	ND		5.00	1.00	µg/L	1	11/07/08 13:22
Dibromochloromethane	ND		0.50	0.16	µg/L	1	11/07/08 13:22
1,2-Dibromoethane	ND		0.50	0.25	µg/L	1	11/07/08 13:22
Chlorobenzene	6.69		0.50	0.16	µg/L	1	11/07/08 13:22
Ethylbenzene	ND		0.50	0.10	µg/L	1	11/07/08 13:22
Xylenes (total)	ND		1.00	0.26	µg/L	1	11/07/08 13:22
Styrene	ND		0.50	0.16	µg/L	1	11/07/08 13:22
Bromofom	ND		1.00	0.50	µg/L	1	11/07/08 13:22
Isopropylbenzene	1.26		0.50	0.16	µg/L	1	11/07/08 13:22
1,1,2,2-Tetrachloroethane	ND		0.50	0.16	µg/L	1	11/07/08 13:22
1,3-Dichlorobenzene	ND		0.50	0.16	µg/L	1	11/07/08 13:22
1,4-Dichlorobenzene	0.27 J		0.50	0.16	µg/L	1	11/07/08 13:22
1,2-Dichlorobenzene	0.64		0.50	0.16	µg/L	1	11/07/08 13:22
1,2-Dibromo-3-chloropropane	ND		5.00	2.50	µg/L	1	11/07/08 13:22
1,2,4-Trichlorobenzene	ND		1.00	0.50	µg/L	1	11/07/08 13:22
Surr: 1,2-Dichloroethane-d4	114		75-134	0.10	%REC	1	11/07/08 13:22
Surr: Toluene-d8	96.2		75-125	0.10	%REC	1	11/07/08 13:22
Surr: 4-Bromofluorobenzene	90.1		75-125	0.10	%REC	1	11/07/08 13:22

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Value exceeds the instrument calibration range
- J Analyte detected below the PQL
- P Prim./Conf. column %D or RPD exceeds limit

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Practical Quantitation Limit (PQL)
- S Spike Recovery outside accepted recovery limits

Print Date: 11/10/08 11:03

402371

Project Supervisor: Pamela J. Titus



Life Science Laboratories, Inc.

5000 Brittonfield Parkway, Suite 200

East Syracuse, NY 13057

(315) 437-0200

Analytical Results

StateCertNo: 10155

CLIENT: O'Brien & Gere Inc. of North America

Lab ID: 0811038-003A

Project: PAS Oswego, NY Semi Annual

Client Sample ID: LR-8

W Order: 0811038

Collection Date: 11/06/08 9:00

Matrix: WATER

Date Received: 11/06/08 15:38

Inst. ID: MS04 73

Sample Size: 10 mL

PrepDate:

ColumnID: Rtx-VMS

%Moisture:

BatchNo: R15435

Revision: 11/10/08 10:53

TestCode: 8260W OLM42

FileID: 1-SAMP-R2325.D

Col Type:

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS					SW8260B		
Dichlorodifluoromethane	ND		1.00	0.25	µg/L	1	11/07/08 13:54
Chloromethane	0.71 J		1.00	0.50	µg/L	1	11/07/08 13:54
Vinyl chloride	ND		1.00	0.50	µg/L	1	11/07/08 13:54
Bromomethane	ND		1.00	0.19	µg/L	1	11/07/08 13:54
Chloroethane	5.84		1.00	0.50	µg/L	1	11/07/08 13:54
Trichlorofluoromethane	ND		1.00	0.10	µg/L	1	11/07/08 13:54
1,1-Dichloroethene	ND		0.50	0.25	µg/L	1	11/07/08 13:54
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.16	µg/L	1	11/07/08 13:54
Acetone	ND		10.0	2.50	µg/L	1	11/07/08 13:54
Carbon disulfide	ND		0.50	0.16	µg/L	1	11/07/08 13:54
Methyl acetate	ND		5.00	2.50	µg/L	1	11/07/08 13:54
Methylene chloride	0.25 J		2.00	0.16	µg/L	1	11/07/08 13:54
trans-1,2-Dichloroethene	ND		0.50	0.16	µg/L	1	11/07/08 13:54
Methyl tert-butyl ether	ND		1.00	0.50	µg/L	1	11/07/08 13:54
1,1-Dichloroethane	ND		0.50	0.16	µg/L	1	11/07/08 13:54
cis-1,2-Dichloroethene	ND		0.50	0.16	µg/L	1	11/07/08 13:54
2-Butanone	ND		10.0	2.50	µg/L	1	11/07/08 13:54
Chloroform	ND		0.50	0.10	µg/L	1	11/07/08 13:54
1,1,1-Trichloroethane	ND		0.50	0.16	µg/L	1	11/07/08 13:54
Cyclohexane	1.83		0.50	0.25	µg/L	1	11/07/08 13:54
Carbon tetrachloride	ND		0.50	0.25	µg/L	1	11/07/08 13:54
Benzene	4.83		0.50	0.16	µg/L	1	11/07/08 13:54
1,2-Dichloroethane	ND		0.50	0.25	µg/L	1	11/07/08 13:54
Trichloroethene	ND		0.50	0.10	µg/L	1	11/07/08 13:54
Methylcyclohexane	ND		0.50	0.25	µg/L	1	11/07/08 13:54
1,2-Dichloropropane	ND		0.50	0.16	µg/L	1	11/07/08 13:54
Bromodichloromethane	ND		0.50	0.16	µg/L	1	11/07/08 13:54
cis-1,3-Dichloropropene	ND		0.50	0.25	µg/L	1	11/07/08 13:54
4-Methyl-2-pentanone	ND		5.00	1.00	µg/L	1	11/07/08 13:54
Toluene	0.29 J		0.50	0.10	µg/L	1	11/07/08 13:54
trans-1,3-Dichloropropene	ND		0.50	0.25	µg/L	1	11/07/08 13:54
1,1,2-Trichloroethane	ND		0.50	0.25	µg/L	1	11/07/08 13:54
Tetrachloroethene	ND		0.50	0.10	µg/L	1	11/07/08 13:54

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Value exceeds the instrument calibration range
- J Analyte detected below the PQL
- P Prim./Conf. column %D or RPD exceeds limit

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Practical Quantitation Limit (PQL)
- S Spike Recovery outside accepted recovery limits

Print Date: 11/10/08 11:03

402372

Project Supervisor: Pamela J. Titus



Life Science Laboratories, Inc.

5000 Brittonfield Parkway, Suite 200
East Syracuse, NY 13057 (315) 437-0200

Analytical Results

StateCertNo: 10155

CLIENT: O'Brien & Gere Inc. of North America
Project: PAS Oswego, NY Semi Annual
W Order: 0811038
Matrix: WATER
Inst. ID: MS04 73
ColumnID: Rtx-VMS
Revision: 11/10/08 10:53
Col Type:

Lab ID: 0811038-003A
Client Sample ID: LR-8
Collection Date: 11/06/08 9:00
Date Received: 11/06/08 15:38
PrepDate:
BatchNo: R15435
FileID: 1-SAMP-R2325.D

Sample Size: 10 mL
%Moisture:
TestCode: 8260W OLM42

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS				SW8260B			
2-Hexanone	ND		5.00	1.00	µg/L	1	11/07/08 13:54
Dibromochloromethane	ND		0.50	0.16	µg/L	1	11/07/08 13:54
1,2-Dibromoethane	ND		0.50	0.25	µg/L	1	11/07/08 13:54
Chlorobenzene	7.82		0.50	0.16	µg/L	1	11/07/08 13:54
Ethylbenzene	ND		0.50	0.10	µg/L	1	11/07/08 13:54
Xylenes (total)	ND		1.00	0.26	µg/L	1	11/07/08 13:54
Styrene	ND		0.50	0.16	µg/L	1	11/07/08 13:54
Bromoform	ND		1.00	0.50	µg/L	1	11/07/08 13:54
Isopropylbenzene	1.04		0.50	0.16	µg/L	1	11/07/08 13:54
1,1,2,2-Tetrachloroethane	ND		0.50	0.16	µg/L	1	11/07/08 13:54
1,3-Dichlorobenzene	ND		0.50	0.16	µg/L	1	11/07/08 13:54
1,4-Dichlorobenzene	0.58		0.50	0.16	µg/L	1	11/07/08 13:54
1,2-Dichlorobenzene	0.40 J		0.50	0.16	µg/L	1	11/07/08 13:54
1,2-Dibromo-3-chloropropane	ND		5.00	2.50	µg/L	1	11/07/08 13:54
1,2,4-Trichlorobenzene	ND		1.00	0.50	µg/L	1	11/07/08 13:54
Surr: 1,2-Dichloroethane-d4	116		75-134	0.10	%REC	1	11/07/08 13:54
Surr: Toluene-d8	96.6		75-125	0.10	%REC	1	11/07/08 13:54
Surr: 4-Bromofluorobenzene	90.5		75-125	0.10	%REC	1	11/07/08 13:54

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Value exceeds the instrument calibration range
- J Analyte detected below the PQL
- P Prim./Conf. column %D or RPD exceeds limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Practical Quantitation Limit (PQL)
- S Spike Recovery outside accepted recovery limits



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Analytical Results

StateCertNo: 10155

CLIENT: O'Brien & Gere Inc. of North America

Project: PAS Oswego, NY Semi Annual

W Order: 0811038

Matrix: WATER

Inst. ID: MS04 73

ColumnID: Rbx-VMS

Revision: 11/10/08 10:53

Col Type:

Sample Size: 10 mL

%Moisture:

TestCode: 8260W OLM42

Lab ID: 0811038-004A

Client Sample ID: LR-6

Collection Date: 11/06/08 11:45

Date Received: 11/06/08 15:38

PrepDate:

BatchNo: R15435

FileID: 1-SAMP-R2326.D

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS					SW8260B		
Dichlorodifluoromethane	ND		1.00	0.25	µg/L	1	11/07/08 14:26
Chloromethane	ND		1.00	0.50	µg/L	1	11/07/08 14:26
Vinyl chloride	ND		1.00	0.50	µg/L	1	11/07/08 14:26
Bromomethane	ND		1.00	0.19	µg/L	1	11/07/08 14:26
Chloroethane	ND		1.00	0.50	µg/L	1	11/07/08 14:26
Trichlorofluoromethane	ND		1.00	0.10	µg/L	1	11/07/08 14:26
1,1-Dichloroethene	ND		0.50	0.25	µg/L	1	11/07/08 14:26
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.16	µg/L	1	11/07/08 14:26
Acetone	ND	10.0		2.50	µg/L	1	11/07/08 14:26
Carbon disulfide	ND	0.50		0.16	µg/L	1	11/07/08 14:26
Methyl acetate	ND	5.00		2.50	µg/L	1	11/07/08 14:26
Methylene chloride	ND	2.00		0.16	µg/L	1	11/07/08 14:26
trans-1,2-Dichloroethene	ND	0.50		0.16	µg/L	1	11/07/08 14:26
Methyl tert-butyl ether	ND	1.00		0.50	µg/L	1	11/07/08 14:26
1,1-Dichloroethane	3.21	0.50		0.16	µg/L	1	11/07/08 14:26
cis-1,2-Dichloroethene	ND	0.50		0.16	µg/L	1	11/07/08 14:26
2-Butanone	ND	10.0		2.50	µg/L	1	11/07/08 14:26
Chloroform	ND	0.50		0.10	µg/L	1	11/07/08 14:26
1,1,1-Trichloroethane	ND	0.50		0.16	µg/L	1	11/07/08 14:26
Cyclohexane	ND	0.50		0.25	µg/L	1	11/07/08 14:26
Carbon tetrachloride	ND	0.50		0.25	µg/L	1	11/07/08 14:26
Benzene	ND	0.50		0.16	µg/L	1	11/07/08 14:26
1,2-Dichloroethane	ND	0.50		0.25	µg/L	1	11/07/08 14:26
Trichloroethene	0.24 J	0.50		0.10	µg/L	1	11/07/08 14:26
Methylcyclohexane	ND	0.50		0.25	µg/L	1	11/07/08 14:26
1,2-Dichloropropane	ND	0.50		0.16	µg/L	1	11/07/08 14:26
Bromodichloromethane	ND	0.50		0.16	µg/L	1	11/07/08 14:26
cis-1,3-Dichloropropene	ND	0.50		0.25	µg/L	1	11/07/08 14:26
4-Methyl-2-pentanone	ND	5.00		1.00	µg/L	1	11/07/08 14:26
Toluene	ND	0.50		0.10	µg/L	1	11/07/08 14:26
trans-1,3-Dichloropropene	ND	0.50		0.25	µg/L	1	11/07/08 14:26
1,1,2-Trichloroethane	ND	0.50		0.25	µg/L	1	11/07/08 14:26
Tetrachloroethene	ND	0.50		0.10	µg/L	1	11/07/08 14:26

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Value exceeds the instrument calibration range
- J Analyte detected below the PQL
- P Prim./Conf. column %D or RPD exceeds limit

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Practical Quantitation Limit (PQL)
- S Spike Recovery outside accepted recovery limits

Print Date: 11/10/08 11:03

402373

Project Supervisor: Pamela J. Titus



Life Science Laboratories, Inc.

5000 Brittonfield Parkway, Suite 200
East Syracuse, NY 13057 (315) 437-0200

Analytical Results

StateCertNo: 10155

CLIENT: O'Brien & Gere Inc. of North America
Project: PAS Oswego, NY Semi Annual
W Order: 0811038
Matrix: WATER
Inst. ID: MS04 73
ColumnID: Rtx-VMS
Revision: 11/10/08 10:53
Col Type:

Lab ID: 0811038-004A
Client Sample ID: LR-6
Collection Date: 11/06/08 11:45
Date Received: 11/06/08 15:38
PrepDate:
BatchNo: R15435
FileID: 1-SAMP-R2326.D

Sample Size: 10 mL
%Moisture:
TestCode: 8260W OLM42

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS				SW8260B			
2-Hexanone	ND		5.00	1.00	µg/L	1	11/07/08 14:26
Dibromochloromethane	ND		0.50	0.16	µg/L	1	11/07/08 14:26
1,2-Dibromoethane	ND		0.50	0.25	µg/L	1	11/07/08 14:26
Chlorobenzene	ND		0.50	0.16	µg/L	1	11/07/08 14:26
Ethylbenzene	ND		0.50	0.10	µg/L	1	11/07/08 14:26
Xylenes (total)	ND		1.00	0.26	µg/L	1	11/07/08 14:26
Styrene	ND		0.50	0.16	µg/L	1	11/07/08 14:26
Bromoform	ND		1.00	0.50	µg/L	1	11/07/08 14:26
Isopropylbenzene	ND		0.50	0.16	µg/L	1	11/07/08 14:26
1,1,2,2-Tetrachloroethane	ND		0.50	0.16	µg/L	1	11/07/08 14:26
1,3-Dichlorobenzene	ND		0.50	0.16	µg/L	1	11/07/08 14:26
1,4-Dichlorobenzene	ND		0.50	0.16	µg/L	1	11/07/08 14:26
1,2-Dichlorobenzene	ND		0.50	0.16	µg/L	1	11/07/08 14:26
1,2-Dibromo-3-chloropropane	ND		5.00	2.50	µg/L	1	11/07/08 14:26
1,2,4-Trichlorobenzene	ND		1.00	0.50	µg/L	1	11/07/08 14:26
Surr: 1,2-Dichloroethane-d4	116		75-134	0.10	%REC	1	11/07/08 14:26
Surr: Toluene-d8	97.3		75-125	0.10	%REC	1	11/07/08 14:26
Surr: 4-Bromofluorobenzene	90.1		75-125	0.10	%REC	1	11/07/08 14:26

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Value exceeds the instrument calibration range
- J Analyte detected below the PQL
- P Prim./Conf. column %D or RPD exceeds limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Practical Quantitation Limit (PQL)
- S Spike Recovery outside accepted recovery limits



Life Science Laboratories, Inc.

5000 Brittonfield Parkway, Suite 200
East Syracuse, NY 13057 (315) 437-0200

Analytical Results

StateCertNo: 10155

CLIENT: O'Brien & Gere Inc. of North America

Lab ID: 0811038-005A

Project: PAS Oswego, NY Semi Annual

Client Sample ID: LCW-2

W Order: 0811038

Collection Date: 11/06/08 13:00

Matrix: WATER

Date Received: 11/06/08 15:38

Inst. ID: MS04 73

Sample Size: 10 mL

PrepDate:

ColumnID: Rtx-VMS

%Moisture:

BatchNo: R15435

Revision: 11/10/08 10:53

TestCode: 8260W OLM42

FileID: 1-SAMP-R2327.D

Col Type:

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS				SW8260B			
Dichlorodifluoromethane	ND		5.00	1.25	µg/L	5	11/07/08 14:57
Chloromethane	ND		5.00	2.50	µg/L	5	11/07/08 14:57
Vinyl chloride	25.1		5.00	2.50	µg/L	5	11/07/08 14:57
Bromomethane	ND		5.00	0.95	µg/L	5	11/07/08 14:57
Chloroethane	5.90		5.00	2.50	µg/L	5	11/07/08 14:57
Trichlorofluoromethane	ND		5.00	0.50	µg/L	5	11/07/08 14:57
1,1-Dichloroethene	ND		2.50	1.25	µg/L	5	11/07/08 14:57
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.50	0.80	µg/L	5	11/07/08 14:57
Acetone	ND		50.0	12.5	µg/L	5	11/07/08 14:57
Carbon disulfide	ND		2.50	0.80	µg/L	5	11/07/08 14:57
Methyl acetate	ND		25.0	12.5	µg/L	5	11/07/08 14:57
Methylene chloride	1.10	J	10.0	0.80	µg/L	5	11/07/08 14:57
trans-1,2-Dichloroethene	0.85	J	2.50	0.80	µg/L	5	11/07/08 14:57
Methyl tert-butyl ether	ND		5.00	2.50	µg/L	5	11/07/08 14:57
1,1-Dichloroethane	39.1		2.50	0.80	µg/L	5	11/07/08 14:57
cis-1,2-Dichloroethene	39.2		2.50	0.80	µg/L	5	11/07/08 14:57
2-Butanone	ND		50.0	12.5	µg/L	5	11/07/08 14:57
Chloroform	3.10		2.50	0.50	µg/L	5	11/07/08 14:57
1,1,1-Trichloroethane	11.6		2.50	0.80	µg/L	5	11/07/08 14:57
Cyclohexane	ND		2.50	1.25	µg/L	5	11/07/08 14:57
Carbon tetrachloride	ND		2.50	1.25	µg/L	5	11/07/08 14:57
Benzene	97.2		2.50	0.80	µg/L	5	11/07/08 14:57
1,2-Dichloroethane	1.70	J	2.50	1.25	µg/L	5	11/07/08 14:57
Trichloroethene	23.5		2.50	0.50	µg/L	5	11/07/08 14:57
Methylcyclohexane	ND		2.50	1.25	µg/L	5	11/07/08 14:57
1,2-Dichloropropane	ND		2.50	0.80	µg/L	5	11/07/08 14:57
Bromodichloromethane	ND		2.50	0.80	µg/L	5	11/07/08 14:57
cis-1,3-Dichloropropene	ND		2.50	1.25	µg/L	5	11/07/08 14:57
4-Methyl-2-pentanone	ND		25.0	5.00	µg/L	5	11/07/08 14:57
Toluene	1.55	J	2.50	0.50	µg/L	5	11/07/08 14:57
trans-1,3-Dichloropropene	ND		2.50	1.25	µg/L	5	11/07/08 14:57
1,1,2-Trichloroethane	ND		2.50	1.25	µg/L	5	11/07/08 14:57
Tetrachloroethene	21.1		2.50	0.50	µg/L	5	11/07/08 14:57

Qualifiers: * Value exceeds Maximum Contaminant Level
 E Value exceeds the instrument calibration range
 J Analyte detected below the PQL
 P Prim./Conf. column %D or RPD exceeds limit

B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 ND Not Detected at the Practical Quantitation Limit (PQL)
 S Spike Recovery outside accepted recovery limits

Print Date: 11/10/08 11:03

402374

Project Supervisor: Pamela J. Titus



Life Science Laboratories, Inc.

5000 Brittonfield Parkway, Suite 200
East Syracuse, NY 13057 (315) 437-0200

Analytical Results

StateCertNo: 10155

CLIENT: O'Brien & Gere Inc. of North America	Lab ID: 0811038-005A
Project: PAS Oswego, NY Semi Annual	Client Sample ID: LCW-2
W Order: 0811038	Collection Date: 11/06/08 13:00
Matrix: WATER	Date Received: 11/06/08 15:38
Inst. ID: MS04 73	Sample Size: 10 mL
ColumnID: Rtx-VMS	%Moisture:
Revision: 11/10/08 10:53	TestCode: 8260W OLM42
Col Type:	PrepDate:
	BatchNo: R15435
	FileID: 1-SAMP-R2327.D

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
SW8260B							
2-Hexanone	ND		25.0	5.00	µg/L	5	11/07/08 14:57
Dibromochloromethane	ND		2.50	0.80	µg/L	5	11/07/08 14:57
1,2-Dibromoethane	ND		2.50	1.25	µg/L	5	11/07/08 14:57
Chlorobenzene	31.0		2.50	0.80	µg/L	5	11/07/08 14:57
Ethylbenzene	36.1		2.50	0.50	µg/L	5	11/07/08 14:57
Xylenes (total)	23.0		5.00	1.30	µg/L	5	11/07/08 14:57
Styrene	ND		2.50	0.80	µg/L	5	11/07/08 14:57
Bromoform	ND		5.00	2.50	µg/L	5	11/07/08 14:57
Isopropylbenzene	2.90		2.50	0.80	µg/L	5	11/07/08 14:57
1,1,2,2-Tetrachloroethane	2.75		2.50	0.80	µg/L	5	11/07/08 14:57
1,3-Dichlorobenzene	ND		2.50	0.80	µg/L	5	11/07/08 14:57
1,4-Dichlorobenzene	0.90 J		2.50	0.80	µg/L	5	11/07/08 14:57
1,2-Dichlorobenzene	3.50		2.50	0.80	µg/L	5	11/07/08 14:57
1,2-Dibromo-3-chloropropane	ND		25.0	12.5	µg/L	5	11/07/08 14:57
1,2,4-Trichlorobenzene	ND		5.00	2.50	µg/L	5	11/07/08 14:57
Surr: 1,2-Dichloroethane-d4	115		75-134	0.50	%REC	5	11/07/08 14:57
Surr: Toluene-d8	95.9		75-125	0.50	%REC	5	11/07/08 14:57
Surr: 4-Bromofluorobenzene	89.1		75-125	0.50	%REC	5	11/07/08 14:57

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Value exceeds the instrument calibration range
- J Analyte detected below the PQL
- P Prim./Conf. column %D or RPD exceeds limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Practical Quantitation Limit (PQL)
- S Spike Recovery outside accepted recovery limits

Print Date: 11/10/08 11:03

402374

Project Supervisor: Pamela J. Titus



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(315) 437-0200

Analytical Results

StateCertNo: 10155

CLIENT: O'Brien & Gere Inc. of North America

Project: PAS Oswego, NY Semi Annual

W Order: 0811038

Matrix: WATER

Inst. ID: MS04 73

ColumnID: Rtx-VMS

Revision: 11/10/08 10:53

Col Type:

Sample Size: 10 mL

%Moisture:

TestCode: 8260W OLM42

Lab ID: 0811038-006A

Client Sample ID: LCW-4

Collection Date: 11/06/08 14:20

Date Received: 11/06/08 15:38

PrepDate:

BatchNo: R15435

FileID: 1-SAMP-R2328.D

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS					SW8260B		
Dichlorodifluoromethane	ND		25.0	6.25	µg/L	25	11/07/08 15:29
Chloromethane	ND		25.0	12.5	µg/L	25	11/07/08 15:29
Vinyl chloride	ND		25.0	12.5	µg/L	25	11/07/08 15:29
Bromomethane	ND		25.0	4.75	µg/L	25	11/07/08 15:29
Chloroethane	116		25.0	12.5	µg/L	25	11/07/08 15:29
Trichlorofluoromethane	ND		25.0	2.50	µg/L	25	11/07/08 15:29
1,1-Dichloroethene	ND		12.5	6.25	µg/L	25	11/07/08 15:29
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		12.5	4.00	µg/L	25	11/07/08 15:29
Acetone	ND		250	62.5	µg/L	25	11/07/08 15:29
Carbon disulfide	ND		12.5	4.00	µg/L	25	11/07/08 15:29
Methyl acetate	ND		125	62.5	µg/L	25	11/07/08 15:29
Methylene chloride	5.00	J	50.0	4.00	µg/L	25	11/07/08 15:29
trans-1,2-Dichloroethene	ND		12.5	4.00	µg/L	25	11/07/08 15:29
Methyl tert-butyl ether	ND		25.0	12.5	µg/L	25	11/07/08 15:29
1,1-Dichloroethane	ND		12.5	4.00	µg/L	25	11/07/08 15:29
cis-1,2-Dichloroethene	ND		12.5	4.00	µg/L	25	11/07/08 15:29
2-Butanone	ND		250	62.5	µg/L	25	11/07/08 15:29
Chloroform	ND		12.5	2.50	µg/L	25	11/07/08 15:29
1,1,1-Trichloroethane	ND		12.5	4.00	µg/L	25	11/07/08 15:29
Cyclohexane	7.00	J	12.5	6.25	µg/L	25	11/07/08 15:29
Carbon tetrachloride	ND		12.5	6.25	µg/L	25	11/07/08 15:29
Benzene	422		12.5	4.00	µg/L	25	11/07/08 15:29
1,2-Dichloroethane	ND		12.5	6.25	µg/L	25	11/07/08 15:29
Trichloroethene	ND		12.5	2.50	µg/L	25	11/07/08 15:29
Methylcyclohexane	ND		12.5	6.25	µg/L	25	11/07/08 15:29
1,2-Dichloropropane	ND		12.5	4.00	µg/L	25	11/07/08 15:29
Bromodichloromethane	ND		12.5	4.00	µg/L	25	11/07/08 15:29
cis-1,3-Dichloropropene	ND		12.5	6.25	µg/L	25	11/07/08 15:29
4-Methyl-2-pentanone	ND		125	25.0	µg/L	25	11/07/08 15:29
Toluene	22.5		12.5	2.50	µg/L	25	11/07/08 15:29
trans-1,3-Dichloropropene	ND		12.5	6.25	µg/L	25	11/07/08 15:29
1,1,2-Trichloroethane	ND		12.5	6.25	µg/L	25	11/07/08 15:29
Tetrachloroethene	ND		12.5	2.50	µg/L	25	11/07/08 15:29

Qualifiers: * Value exceeds Maximum Contaminant Level
 E Value exceeds the instrument calibration range
 J Analyte detected below the PQL
 P Prim./Conf. column %D or RPD exceeds limit

B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 ND Not Detected at the Practical Quantitation Limit (PQL)
 S Spike Recovery outside accepted recovery limits

Print Date: 11/10/08 11:03

402375

Project Supervisor: Pamela J. Titus



Life Science Laboratories, Inc.

5000 Brittonfield Parkway, Suite 200

East Syracuse, NY 13057

(315) 437-0200

Analytical Results

StateCertNo: 10155

CLIENT: O'Brien & Gere Inc. of North America

Project: PAS Oswego, NY Semi Annual

W Order: 0811038

Matrix: WATER

Inst. ID: MS04 73

ColumnID: Rtx-VMS

Revision: 11/10/08 10:53

Col Type:

Lab ID: 0811038-006A

Client Sample ID: LCW-4

Collection Date: 11/06/08 14:20

Date Received: 11/06/08 15:38

PrepDate:

BatchNo: R15435

FileID: 1-SAMP-R2328.D

Sample Size: 10 mL

%Moisture:

TestCode: 8260W OLM42

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS				SW8260B			
2-Hexanone	ND		125	25.0	µg/L	25	11/07/08 15:29
Dibromochloromethane	ND		12.5	4.00	µg/L	25	11/07/08 15:29
1,2-Dibromoethane	ND		12.5	6.25	µg/L	25	11/07/08 15:29
Chlorobenzene	283		12.5	4.00	µg/L	25	11/07/08 15:29
Ethylbenzene	122		12.5	2.50	µg/L	25	11/07/08 15:29
Xylenes (total)	1210		25.0	6.50	µg/L	25	11/07/08 15:29
Styrene	ND		12.5	4.00	µg/L	25	11/07/08 15:29
Bromoform	ND		25.0	12.5	µg/L	25	11/07/08 15:29
Isopropylbenzene	ND		12.5	4.00	µg/L	25	11/07/08 15:29
1,1,2,2-Tetrachloroethane	ND		12.5	4.00	µg/L	25	11/07/08 15:29
1,3-Dichlorobenzene	ND		12.5	4.00	µg/L	25	11/07/08 15:29
1,4-Dichlorobenzene	4.50 J		12.5	4.00	µg/L	25	11/07/08 15:29
1,2-Dichlorobenzene	41.5		12.5	4.00	µg/L	25	11/07/08 15:29
1,2-Dibromo-3-chloropropane	ND		125	62.5	µg/L	25	11/07/08 15:29
1,2,4-Trichlorobenzene	ND		25.0	12.5	µg/L	25	11/07/08 15:29
Surr: 1,2-Dichloroethane-d4	117		75-134	2.50	%REC	25	11/07/08 15:29
Surr: Toluene-d8	98.0		75-125	2.50	%REC	25	11/07/08 15:29
Surr: 4-Bromofluorobenzene	88.7		75-125	2.50	%REC	25	11/07/08 15:29

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Value exceeds the instrument calibration range
- J Analyte detected below the PQL
- P Prim./Conf. column %D or RPD exceeds limit

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Practical Quantitation Limit (PQL)
- S Spike Recovery outside accepted recovery limits

Print Date: 11/10/08 11:03

402375

Project Supervisor: Pamela J. Titus



Life Science Laboratories, Inc.

5000 Brittonfield Parkway, Suite 200

East Syracuse, NY 13057

(315) 437-0200

Analytical Results

StateCertNo: 10155

CLIENT: O'Brien & Gere Inc. of North America

Lab ID: 0811038-007A

Project: PAS Oswego, NY Semi Annual

Client Sample ID: QC Trip Blank

W Order: 0811038

Collection Date: 11/06/08 6:00

Matrix: WATER Q

Date Received: 11/06/08 15:38

Inst. ID: MS04 73

Sample Size: 10 mL

PrepDate:

ColumnID: Rtx-VMS

%Moisture:

BatchNo: R15435

Revision: 11/10/08 10:53

TestCode: 8260W OLM42

FileID: 1-SAMP-R2329.D

Col Type:

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS				SW8260B			
Dichlorodifluoromethane	ND		1.00	0.25	µg/L	1	11/07/08 16:01
Chloromethane	ND		1.00	0.50	µg/L	1	11/07/08 16:01
Vinyl chloride	ND		1.00	0.50	µg/L	1	11/07/08 16:01
Bromomethane	ND		1.00	0.19	µg/L	1	11/07/08 16:01
Chloroethane	ND		1.00	0.50	µg/L	1	11/07/08 16:01
Trichlorofluoromethane	ND		1.00	0.10	µg/L	1	11/07/08 16:01
1,1-Dichloroethene	ND		0.50	0.25	µg/L	1	11/07/08 16:01
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.16	µg/L	1	11/07/08 16:01
Acetone	ND	10.0		2.50	µg/L	1	11/07/08 16:01
Carbon disulfide	ND	0.50		0.16	µg/L	1	11/07/08 16:01
Methyl acetate	ND	5.00		2.50	µg/L	1	11/07/08 16:01
Methylene chloride	0.18	J	2.00	0.16	µg/L	1	11/07/08 16:01
trans-1,2-Dichloroethene	ND	0.50		0.16	µg/L	1	11/07/08 16:01
Methyl tert-butyl ether	ND	1.00		0.50	µg/L	1	11/07/08 16:01
1,1-Dichloroethane	ND	0.50		0.16	µg/L	1	11/07/08 16:01
cis-1,2-Dichloroethene	ND	0.50		0.16	µg/L	1	11/07/08 16:01
2-Butanone	ND	10.0		2.50	µg/L	1	11/07/08 16:01
Chloroform	ND	0.50		0.10	µg/L	1	11/07/08 16:01
1,1,1-Trichloroethane	ND	0.50		0.16	µg/L	1	11/07/08 16:01
Cyclohexane	ND	0.50		0.25	µg/L	1	11/07/08 16:01
Carbon tetrachloride	ND	0.50		0.25	µg/L	1	11/07/08 16:01
Benzene	ND	0.50		0.16	µg/L	1	11/07/08 16:01
1,2-Dichloroethane	ND	0.50		0.25	µg/L	1	11/07/08 16:01
Trichloroethene	ND	0.50		0.10	µg/L	1	11/07/08 16:01
Methylcyclohexane	ND	0.50		0.25	µg/L	1	11/07/08 16:01
1,2-Dichloropropane	ND	0.50		0.16	µg/L	1	11/07/08 16:01
Bromodichloromethane	ND	0.50		0.16	µg/L	1	11/07/08 16:01
cis-1,3-Dichloropropene	ND	0.50		0.25	µg/L	1	11/07/08 16:01
4-Methyl-2-pentanone	ND	5.00		1.00	µg/L	1	11/07/08 16:01
Toluene	ND	0.50		0.10	µg/L	1	11/07/08 16:01
trans-1,3-Dichloropropene	ND	0.50		0.25	µg/L	1	11/07/08 16:01
1,1,2-Trichloroethane	ND	0.50		0.25	µg/L	1	11/07/08 16:01
Tetrachloroethene	ND	0.50		0.10	µg/L	1	11/07/08 16:01

Qualifiers: * Value exceeds Maximum Contaminant Level
 E Value exceeds the instrument calibration range
 J Analyte detected below the PQL
 P Prim./Conf. column %D or RPD exceeds limit

B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 ND Not Detected at the Practical Quantitation Limit (PQL)
 S Spike Recovery outside accepted recovery limits

Print Date: 11/10/08 11:03

402376

Project Supervisor: Pamela J. Titus



Life Science Laboratories, Inc.

5000 Brittonfield Parkway, Suite 200
East Syracuse, NY 13057 (315) 437-0200

Analytical Results

StateCertNo: 10155

CLIENT: O'Brien & Gere Inc. of North America
Project: PAS Oswego, NY Semi Annual
W Order: 0811038
Matrix: WATER Q
Inst. ID: MS04 73
ColumnID: Rtx-VMS
Revision: 11/10/08 10:53
Col Type:

Lab ID: 0811038-007A
Client Sample ID: *QC Trip Blank*
Collection Date: 11/06/08 6:00
Date Received: 11/06/08 15:38
PrepDate:
BatchNo: R15435
FileID: 1-SAMP-R2329.D

Sample Size: 10 mL
%Moisture:
TestCode: 8260W OLM42

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS				SW8260B			
2-Hexanone	ND		5.00	1.00	µg/L	1	11/07/08 16:01
Dibromochloromethane	ND		0.50	0.16	µg/L	1	11/07/08 16:01
1,2-Dibromoethane	ND		0.50	0.25	µg/L	1	11/07/08 16:01
Chlorobenzene	ND		0.50	0.16	µg/L	1	11/07/08 16:01
Ethylbenzene	ND		0.50	0.10	µg/L	1	11/07/08 16:01
Xylenes (total)	ND		1.00	0.26	µg/L	1	11/07/08 16:01
Styrene	ND		0.50	0.16	µg/L	1	11/07/08 16:01
Bromoform	ND		1.00	0.50	µg/L	1	11/07/08 16:01
Isopropylbenzene	ND		0.50	0.16	µg/L	1	11/07/08 16:01
1,1,2,2-Tetrachloroethane	ND		0.50	0.16	µg/L	1	11/07/08 16:01
1,3-Dichlorobenzene	ND		0.50	0.16	µg/L	1	11/07/08 16:01
1,4-Dichlorobenzene	ND		0.50	0.16	µg/L	1	11/07/08 16:01
1,2-Dichlorobenzene	ND		0.50	0.16	µg/L	1	11/07/08 16:01
1,2-Dibromo-3-chloropropane	ND		5.00	2.50	µg/L	1	11/07/08 16:01
1,2,4-Trichlorobenzene	ND		1.00	0.50	µg/L	1	11/07/08 16:01
Surr: 1,2-Dichloroethane-d4	116		75-134	0.10	%REC	1	11/07/08 16:01
Surr: Toluene-d8	97.7		75-125	0.10	%REC	1	11/07/08 16:01
Surr: 4-Bromofluorobenzene	88.3		75-125	0.10	%REC	1	11/07/08 16:01

Qualifiers:	* Value exceeds Maximum Contaminant Level	B Analyte detected in the associated Method Blank
	E Value exceeds the instrument calibration range	H Holding times for preparation or analysis exceeded
	J Analyte detected below the PQL	ND Not Detected at the Practical Quantitation Limit (PQL)
	P Prim./Conf. column %D or RPD exceeds limit	S Spike Recovery outside accepted recovery limits



Life Science Laboratories, Inc.
 5000 Brittonfield Parkway, Suite 200
 East Syracuse, NY 13057 (315) 437-0200

Analytical Results

StateCertNo: 10155

CLIENT: O'Brien & Gere Inc. of North America
Project: PAS Oswego, NY Semi Annual
W Order: 0811038
Matrix: WATER

Lab ID: 0811038-005B
Client Sample ID: LCW-2
Collection Date: 11/06/08 13:00
Date Received: 11/06/08 15:38

Analyte	Result	Qual	PQL Units	DF	Date Analyzed
BIOCHEMICAL OXYGEN DEMAND (BOD5)			SM 18-20 5210 B		
Biochemical oxygen demand (BOD5)	7.7		5.0 mg/L	1	11/07/08 8:39
RESIDUE-FILTERABLE (TDS)			SM 18-20 2540 C		
Residue-filterable (TDS)	1300		10 mg/L	1	11/07/08 12:00
RESIDUE-NON-FILTERABLE (TSS)			SM 18-20 2540 D		
Residue-non-filterable (TSS)	20		5.0 mg/L	1	11/06/08 19:35

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- B Analyte detected in the associated Method Blank
- E Value exceeds the instrument calibration range
- H Holding times for preparation or analysis exceeded
- J Analyte detected below the PQL
- ND Not Detected at the Practical Quantitation Limit (PQL)
- P Prim./Conf. column %D or RPD exceeds limit
- S Spike Recovery outside accepted recovery limits



Life Science Laboratories, Inc.
 5000 Brittonfield Parkway, Suite 200
 East Syracuse, NY 13057 (315) 437-0200

Analytical Results

StateCertNo: 10155

CLIENT: O'Brien & Gere Inc. of North America
Project: PAS Oswego, NY Semi Annual
W Order: 0811038
Matrix: WATER

Lab ID: 0811038-005C
Client Sample ID: LCW-2
Collection Date: 11/06/08 13:00
Date Received: 11/06/08 15:38

Analyte	Result	Qual	PQL Units	DF	Date Analyzed
COD			EPA 410.4		
Chemical Oxygen Demand	100		10 mg/L	1	11/14/08 13:42

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Value exceeds the instrument calibration range
- J Analyte detected below the PQL
- P Prim./Conf. column %D or RPD exceeds limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Practical Quantitation Limit (PQL)
- S Spike Recovery outside accepted recovery limits



Life Science Laboratories, Inc.
 5000 Brittonfield Parkway, Suite 200
 East Syracuse, NY 13057 (315) 437-0200

Analytical Results

StateCertNo: 10155

CLIENT: O'Brien & Gere Inc. of North America
Project: PAS Oswego, NY Semi Annual
W Order: 0811038
Matrix: WATER

Lab ID: 0811038-005D
Client Sample ID: LCW-2
Collection Date: 11/06/08 13:00
Date Received: 11/06/08 15:38

Analyte	Result	Qual	PQL Units	DF	Date Analyzed
ORGANIC CARBON-TOTAL (TOC)			SM 18-20 5310 B		
Organic carbon-Total (TOC)	32		2.0 mg/L	2	11/10/08 14:21

- Qualifiers:**
- * Value exceeds Maximum Contaminant Level
 - E Value exceeds the instrument calibration range
 - J Analyte detected below the PQL
 - P Prim./Conf. column %D or RPD exceeds limit
 - B Analyte detected in the associated Method Blank
 - H Holding times for preparation or analysis exceeded
 - ND Not Detected at the Practical Quantitation Limit (PQL)
 - S Spike Recovery outside accepted recovery limits



Life Science Laboratories, Inc.
 5000 Brittonfield Parkway, Suite 200
 East Syracuse, NY 13057 (315) 437-0200

Analytical Results

StateCertNo: 10155

CLIENT: O'Brien & Gere Inc. of North America
Project: PAS Oswego, NY Semi Annual
W Order: 0811038
Matrix: WATER

Lab ID: 0811038-006B
Client Sample ID: LCW-4
Collection Date: 11/06/08 14:20
Date Received: 11/06/08 15:38

Analyte	Result	Qual	PQL Units	DF	Date Analyzed
BIOCHEMICAL OXYGEN DEMAND (BOD5)			SM 18-20 5210 B		
Biochemical oxygen demand (BOD5)	32		5.0 mg/L	1	11/07/08 8:42
RESIDUE-FILTERABLE (TDS)			SM 18-20 2540 C		
Residue-filterable (TDS)	2100		10 mg/L	1	11/07/08 12:00
RESIDUE-NON-FILTERABLE (TSS)			SM 18-20 2540 D		
Residue-non-filterable (TSS)	ND		5.0 mg/L	1	11/06/08 19:35

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Value exceeds the instrument calibration range
- J Analyte detected below the PQL
- P Prim /Conf. column %D or RPD exceeds limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Practical Quantitation Limit (PQL)
- S Spike Recovery outside accepted recovery limits



Life Science Laboratories, Inc.
 5000 Brittonfield Parkway, Suite 200
 East Syracuse, NY 13057 (315) 437-0200

Analytical Results

StateCertNo: 10155

CLIENT: O'Brien & Gere Inc. of North America
Project: PAS Oswego, NY Semi Annual
W Order: 0811038
Matrix: WATER

Lab ID: 0811038-006C
Client Sample ID: LCW-4
Collection Date: 11/06/08 14:20
Date Received: 11/06/08 15:38

Analyte	Result	Qual	PQL Units	DF	Date Analyzed
COD Chemical Oxygen Demand	210		EPA 410.4 20 mg/L	2	11/14/08 13:43

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Value exceeds the instrument calibration range
- J Analyte detected below the PQL
- P Prim./Conf. column %D or RPD exceeds limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Practical Quantitation Limit (PQL)
- S Spike Recovery outside accepted recovery limits



Life Science Laboratories, Inc.
 5000 Brittonfield Parkway, Suite 200
 East Syracuse, NY 13057 (315) 437-0200

Analytical Results

StateCertNo: 10155

CLIENT: O'Brien & Gere Inc. of North America
Project: PAS Oswego, NY Semi Annual
W Order: 0811038
Matrix: WATER

Lab ID: 0811038-006D
Client Sample ID: LCW-4
Collection Date: 11/06/08 14:20
Date Received: 11/06/08 15:38

Analyte	Result	Qual	PQL Units	DF	Date Analyzed
ORGANIC CARBON-TOTAL (TOC)			SM 18-20 5310 B		
Organic carbon-Total (TOC)	62		4.0 mg/L	4	11/10/08 14:56

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Value exceeds the instrument calibration range
- J Analyte detected below the PQL
- P Prim./Conf. column %D or RPD exceeds limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Practical Quantitation Limit (PQL)
- S Spike Recovery outside accepted recovery limits

ATTACHMENT B-6

ADDITIONAL LEACHATE SAMPLING DATA



Life Science Laboratories, Inc.

5000 Brittonfield Parkway, Suite 200

East Syracuse, NY 13057

(315) 437-0200

Wednesday, November 19, 2008

Kevin Stone
O'Brien & Gere Inc. of North America
5000 Brittonfield Parkway
PO Box 4873
Syracuse, NY 13221-4873

TEL: 315-437-6100

Project: PAS OSWEGO-PUMP & TREAT

RE: Analytical Results

Order No.: 0811025

Dear Kevin Stone:

Life Science Laboratories, Inc. received 2 sample(s) on 11/5/2008 for the analyses presented in the following report.

Very truly yours,
Life Science Laboratories, Inc.

Pamela J. Titus
Project Manager



Life Science Laboratories, Inc.

5000 Brittonfield Parkway, Suite 200
East Syracuse, NY 13057 (315) 437-0200

Analytical Results

StateCertNo: 10155

CLIENT: O'Brien & Gere Inc. of North America
Project: PAS Oswego-Pump & Treat
W Order: 0811025
Matrix: WATER
Inst. ID: MS04 73 Sample Size: 10 mL
ColumnID: Rtx-VMS %Moisture:
Revision: 11/07/08 13:15 TestCode 624W
Col Type:

Lab ID: 0811025-001E
Client Sample ID: Tank Hose
Collection Date: 11/05/08 8:30
Date Received: 11/05/08 14:00
PrepDate:
BatchNo: R15421
FileID: I-SAMP-R2308.D

Analyte	Result	Qual	PQL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS			EPA 624			
Benzene	100 E	1.00		µg/L	1	11/06/08 11:30
cis-1,2-Dichloroethene	9.06	1.00		µg/L	1	11/06/08 11:30
Methylene chloride	ND	1.00		µg/L	1	11/06/08 11:30
Toluene	1.05	1.00		µg/L	1	11/06/08 11:30
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	11/06/08 11:30
Trichloroethene	15.0	1.00		µg/L	1	11/06/08 11:30
Vinyl chloride	5.16	2.00		µg/L	1	11/06/08 11:30
Surr: 1,2-Dichloroethane-d4	117	75-134		%REC	1	11/06/08 11:30
Surr: 4-Bromofluorobenzene	87.4	75-125		%REC	1	11/06/08 11:30
Surr: Toluene-d8	96.2	75-125		%REC	1	11/06/08 11:30

- Qualifiers:
- * Value exceeds Maximum Contaminant Level
 - E Value exceeds the instrument calibration range
 - J Analyte detected below the PQL
 - P Prim./Conf. column %D or RPD exceeds limit
 - B Analyte detected in the associated Method Blank
 - H Holding times for preparation or analysis exceeded
 - ND Not Detected at the Practical Quantitation Limit (PQL)
 - S Spike Recovery outside accepted recovery limits



Life Science Laboratories, Inc.

5000 Brittonfield Parkway, Suite 200
East Syracuse, NY 13057 (315) 437-0200

Analytical Results

StateCertNo: 10155

CLIENT: O'Brien & Gere Inc. of North America

Project: PAS Oswego-Pump & Treat

W Order: 0811025

Matrix: WATER

Inst. ID: MS04 73

Sample Size: 10 mL

ColumnID: Rtx-VMS

%Moisture:

Revision: 11/10/08 11:13

TestCode 624W

Lab ID: 0811025-001EDL

Client Sample ID: Tank Hose

Collection Date: 11/05/08 8:30

Date Received: 11/05/08 14:00

PrepDate:

BatchNo: R15437

FileID: 1-DL-R2330.D

Col Type:

Analyte	Result	Qual	PQL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS			EPA 624			
Benzene	104		5.00	µg/L	5	11/07/08 16:33
cis-1,2-Dichloroethene	8.30		5.00	µg/L	5	11/07/08 16:33
Methylene chloride	ND		5.00	µg/L	5	11/07/08 16:33
Toluene	ND		5.00	µg/L	5	11/07/08 16:33
trans-1,2-Dichloroethene	ND		5.00	µg/L	5	11/07/08 16:33
Trichloroethene	13.6		5.00	µg/L	5	11/07/08 16:33
Vinyl chloride	ND		10.0	µg/L	5	11/07/08 16:33
Surr: 1,2-Dichloroethane-d4	115		75-134	%REC	5	11/07/08 16:33
Surr: 4-Bromofluorobenzene	88.0		75-125	%REC	5	11/07/08 16:33
Surr: Toluene-d8	95.8		75-125	%REC	5	11/07/08 16:33

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Value exceeds the instrument calibration range
- J Analyte detected below the PQL
- P Prim./Conf. column %D or RPD exceeds limit

- B Analyte detected in the associated Method Blank
- II Holding times for preparation or analysis exceeded
- ND Not Detected at the Practical Quantitation Limit (PQL.)
- S Spike Recovery outside accepted recovery limits



Life Science Laboratories, Inc.

5000 Brittonfield Parkway, Suite 200
East Syracuse, NY 13057 (315) 437-0200

Analytical Results

StateCertNo: 10155

CLIENT: O'Brien & Gere Inc. of North America
Project: PAS Oswego-Pump & Treat
W Order: 0811025
Matrix: WATER Q
Inst. ID: MS04 73 **Sample Size:** 10 mL
ColumnID: Rtx-VMS **%Moisture:**
Revision: 11/07/08 13:15 **TestCode:** 624W
Col Type:

Lab ID: 0811025-002A
Client Sample ID: QC Trip Blank
Collection Date: 11/05/08 8:30
Date Received: 11/05/08 14:00
PrepDate:
BatchNo: R15421
FileID: 1-SAMP-R2309.D

Analyte	Result	Qual	PQL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS			EPA 624			
Benzene	ND		1.00	µg/L	1	11/06/08 12:02
cis-1,2-Dichloroethene	ND		1.00	µg/L	1	11/06/08 12:02
Methylene chloride	ND		1.00	µg/L	1	11/06/08 12:02
Toluene	ND		1.00	µg/L	1	11/06/08 12:02
trans-1,2-Dichloroethene	ND		1.00	µg/L	1	11/06/08 12:02
Trichloroethene	ND		1.00	µg/L	1	11/06/08 12:02
Vinyl chloride	ND		2.00	µg/L	1	11/06/08 12:02
Surr: 1,2-Dichloroethane-d4	120		75-134	%REC	1	11/06/08 12:02
Surr: 4-Bromofluorobenzene	89.4		75-125	%REC	1	11/06/08 12:02
Surr: Toluene-d8	97.6		75-125	%REC	1	11/06/08 12:02

Qualifiers:
* Value exceeds Maximum Contaminant Level
E Value exceeds the instrument calibration range
J Analyte detected below the PQL
P Prim./Conf. column %D or RPD exceeds limit

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Practical Quantitation Limit (PQL)
S Spike Recovery outside accepted recovery limits



Life Science Laboratories, Inc.

5000 Brittonfield Parkway, Suite 200
East Syracuse, NY 13057 (315) 437-0200

Analytical Results

StateCertNo: 10155

CLIENT: O'Brien & Gere Inc. of North America
Project: PAS Oswego-Pump & Treat
W Order: 0811025
Matrix: WATER
Inst. ID: ICAP 61E
ColumnID:
Revision: 11/11/08 9:26

Sample Size: 50 mL
%Moisture:
TestCode 200.2W_200.7

Lab ID: 0811025-001D
Client Sample ID: Tank Hose
Collection Date: 11/05/08 8:30
Date Received: 11/05/08 14:00
PrepDate: 11/06/08 0:00
BatchNo: 8395/R15448
FileID: 1-SAMP-94342

Col Type:

Analyte	Result	Qual	PQL	Units	DF	Date Analyzed
TOTAL METALS BY ICP				EPA 200.7		(E200.2)
Arsenic	0.026		0.010	mg/L	1	11/10/08 12:37
Barium	0.11		0.10	mg/L	1	11/10/08 12:37
Chromium	ND		0.010	mg/L	1	11/10/08 12:37
Copper	0.014		0.010	mg/L	1	11/10/08 12:37
Iron	0.77		0.050	mg/L	1	11/10/08 12:37
Lead	ND		0.010	mg/L	1	11/10/08 12:37
Nickel	0.29		0.050	mg/L	1	11/10/08 12:37
Zinc	0.041		0.020	mg/L	1	11/10/08 12:37

Qualifiers:

* Value exceeds Maximum Contaminant Level
E Value exceeds the instrument calibration range
J Analyte detected below the PQL
P Prim./Conf. column %D or RPD exceeds limit

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Practical Quantitation Limit (PQL)
S Spike Recovery outside accepted recovery limits



Life Science Laboratories, Inc.
 5000 Brittonfield Parkway, Suite 200
 East Syracuse, NY 13057 (315) 437-0200

Analytical Results

StateCertNo: 10155

CLIENT: O'Brien & Gere Inc. of North America
Project: PAS Oswego-Pump & Treat
W Order: 0811025
Matrix: WATER

Lab ID: 0811025-001A
Client Sample ID: Tank Hose
Collection Date: 11/05/08 8:30
Date Received: 11/05/08 14:00

Analyte	Result	Qual	PQL Units	DF	Date Analyzed
BIOCHEMICAL OXYGEN DEMAND (BOD5)			SM 18-20 5210 B		
Biochemical oxygen demand (BOD5)	7.7		5.0 mg/L	1	11/07/08 8:14
RESIDUE-FILTERABLE (TDS)			SM 18-20 2540 C		
Residue-filterable (TDS)	1400		10 mg/L	1	11/07/08 12:00
RESIDUE-NON-FILTERABLE (TSS)			SM 18-20 2540 D		
Residue-non-filterable (TSS)	ND		5.0 mg/L	1	11/05/08 17:00

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Value exceeds the instrument calibration range
- J Analyte detected below the PQL
- P Print./Conf. column %D or RPD exceeds limit

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Practical Quantitation Limit (PQL)
- S Spike Recovery outside accepted recovery limits



Life Science Laboratories, Inc.
 5000 Brittonfield Parkway, Suite 200
 East Syracuse, NY 13057 (315) 437-0200

Analytical Results

StateCertNo: 10155

CLIENT: O'Brien & Gere Inc. of North America
 Project: PAS Oswego-Pump & Treat
 W Order: 0811025
 Matrix: WATER

Lab ID: 0811025-001B
 Client Sample ID: Tank Hose
 Collection Date: 11/05/08 8:30
 Date Received: 11/05/08 14:00

Analyte	Result	Qual	PQL Units	DF	Date Analyzed
KJELDAHL NITROGEN - TOTAL (AS N)			EPA 351.2	(E351.2)	
Kjeldahl Nitrogen - Total (as N)	11		2.0 mg/L	1	11/07/08 14:35
PHOSPHORUS, TOTAL (AS P)			EPA 365.4	(E365.4)	
Phosphorus, Total (As P)	ND		0.10 mg/L	1	11/07/08 17:34

- Qualifiers:**
- * Value exceeds Maximum Contaminant Level
 - E Value exceeds the instrument calibration range
 - J Analyte detected below the PQL
 - P Prim./Conf column %D or RPD exceeds limit
 - B Analyte detected in the associated Method Blank
 - H Holding times for preparation or analysis exceeded
 - ND Not Detected at the Practical Quantitation Limit (PQL)
 - S Spike Recovery outside accepted recovery limits



Life Science Laboratories, Inc.
 5000 Brittonfield Parkway, Suite 200
 East Syracuse, NY 13057 (315) 437-0200

Analytical Results

StateCertNo: 10155

CLIENT: O'Brien & Gere Inc. of North America
 Project: PAS Oswego-Pump & Treat
 W Order: 0811025
 Matrix: WATER

Lab ID: 0811025-001C
 Client Sample ID: Tank Hose
 Collection Date: 11/05/08 8:30
 Date Received: 11/05/08 14:00

Analyte	Result	Qual	PQL Units	DF	Date Analyzed
PHENOLICS, TOTAL RECOVERABLE			EPA 420.1		(E420.1)
Phenolics, Total Recoverable	0.085		0.050 mg/L	10	11/11/08 15:10

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Value exceeds the instrument calibration range
- J Analyte detected below the PQL
- P Prim./Conf. column %D or RPD exceeds limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Practical Quantitation Limit (PQL)
- S Spike Recovery outside accepted recovery limits



Life Science Laboratories, Inc.

5000 Brittonfield Parkway, Suite 200

East Syracuse, NY 13057

(315) 437-0200

Wednesday, December 03, 2008

Kevin Stone

O'Brien & Gere Inc. of North America

5000 Brittonfield Parkway

PO Box 4873

Syracuse, NY 13221-4873

TEL: 315-437-6100

Project: PAS OSWEGO-PUMP & TREAT

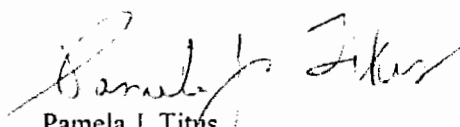
RE: Analytical Results

Order No.: 0812003

Dear Kevin Stone:

Life Science Laboratories, Inc. received 3 sample(s) on 12/1/2008 for the analyses presented in the following report.

Very truly yours,
Life Science Laboratories, Inc.


Pamela J. Titus
Project Manager



Life Science Laboratories, Inc.

5000 Brittonfield Parkway, Suite 200
East Syracuse, NY 13057 (315) 437-0200

Analytical Results

StateCertNo: 10155

CLIENT: O'Brien & Gere Inc. of North America
Project: PAS Oswego-Pump & Treat
W Order: 0812003
Matrix: WATER
Inst. ID: ICAP 61E
ColumnID:
Revision: 12/03/08 11:16
Col Type:

Sample Size: 50 mL
%Moisture:
TestCode 200.2W_200.7

Lab ID: 0812003-001A
Client Sample ID: LCH-4
Collection Date: 12/01/08 11:30
Date Received: 12/01/08 16:20
PrepDate: 12/02/08 11:45
BatchNo: 8541/R15655
FileID: 0-SAMP-

Analyte	ResultQual	PQL	Units	DF	Date Analyzed
TOTAL METALS BY ICP			EPA 200.7		(E200.2)
Iron	47	0.050	mg/L	1	12/03/08

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Value exceeds the instrument calibration range
- J Analyte detected below the PQL
- P Prim./Conf. column %D or RPD exceeds limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Practical Quantitation Limit (PQL)
- S Spike Recovery outside accepted recovery limits



Life Science Laboratories, Inc.

5000 Brittonfield Parkway, Suite 200

East Syracuse, NY 13057

(315) 437-0200

Analytical Results

StateCertNo: 10155

CLIENT: O'Brien & Gere Inc. of North America	Lab ID: 0812003-002A
Project: PAS Oswego-Pump & Treat	Client Sample ID: Tank Pre Treatment
W Order: 0812003	Collection Date: 12/01/08 11:35
Matrix: WATER	Date Received: 12/01/08 16:20
Inst. ID: ICAP 61E	Sample Size: 50 mL
ColumnID:	%Moisture:
Revision: 12/03/08 11:16	TestCode 200.2W 200.7
Col Type:	PrepDate: 12/02/08 11:45
	BatchNo: 8541/R15655
	FileID: 0-SAMP-

Analyte	Result	Qual	PQL	Units	DF	Date Analyzed
TOTAL METALS BY ICP				EPA 200.7		(E200.2)
Iron	23		0.050	mg/L	1	12/03/08

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Value exceeds the instrument calibration range
- J Analyte detected below the PQL
- P Prim./Conf. column %D or RPD exceeds limit

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Practical Quantitation Limit (PQL)
- S Spike Recovery outside accepted recovery limits



Life Science Laboratories, Inc.

5000 Brittonfield Parkway, Suite 200
East Syracuse, NY 13057 (315) 437-0200

Analytical Results

StateCertNo: 10155

CLIENT: O'Brien & Gere Inc. of North America	Lab ID: 0812003-003A
Project: PAS Oswego-Pump & Treat	Client Sample ID: Tank Post Treatment
W Order: 0812003	Collection Date: 12/01/08 14:10
Matrix: WATER	Date Received: 12/01/08 16:20
Inst. ID: ICAP 61E	Sample Size: 50 mL
ColumnID:	%Moisture:
Revision: 12/03/08 11:16	TestCode: 200.2W_200.7
Col Type:	PrepDate: 12/02/08 11:45
	BatchNo: 8541/R15655
	FileID: 0-SAMP-

Analyte	Result	Qual	PQL	Units	DF	Date Analyzed
TOTAL METALS BY ICP				EPA 200.7		(E200.2)
Iron	4.9		0.050	mg/L	1	12/03/08

Qualifiers:

* Value exceeds Maximum Contaminant Level	B Analyte detected in the associated Method Blank
E Value exceeds the instrument calibration range	H Holding times for preparation or analysis exceeded
J Analyte detected below the PQL	ND Not Detected at the Practical Quantitation Limit (PQL)
P Prim./Conf. column %D or RPD exceeds limit	S Spike Recovery outside accepted recovery limits



Life Science Laboratories, Inc.

5000 Brittonfield Parkway, Suite 200

East Syracuse, NY 13057

(315) 437-0200

Monday, December 08, 2008

Kevin Stone
O'Brien & Gere Inc. of North America
5000 Brittonfield Parkway
PO Box 4873
Syracuse, NY 13221-4873

TEL: 315-437-6100

Project: PAS OSWEGO-PUMP & TREAT

RE: Analytical Results

Order No.: 0812033

Dear Kevin Stone:

Life Science Laboratories, Inc. received 1 sample(s) on 12/4/2008 for the analyses presented in the following report.

Very truly yours,
Life Science Laboratories, Inc.

Pamela J. Titus
Project Manager



Life Science Laboratories, Inc.

5000 Brittonfield Parkway, Suite 200
East Syracuse, NY 13057 (315) 437-0200

Analytical Results

StateCertNo: 10155

CLIENT: O'Brien & Gere Inc. of North America	Lab ID: 0812033-001A
Project: PAS Oswego-Pump & Treat	Client Sample ID: Tank .5 mic Bag Filter
W Order: 0812033	Collection Date: 12/04/08 8:30
Matrix: WATER	Date Received: 12/04/08 0:00
Inst. ID: ICAP 61E	Sample Size: 50 mL
ColumnID:	%Moisture:
Revision: 12/08/08 13:46	TestCode: 200.2W_200.7
Col Type:	PrepDate: 12/04/08 15:54
	BatchNo: 8562/R15712
	FileID: 1-SAMP-95782

Analyte	Result	Qual	PQL	Units	DF	Date Analyzed
TOTAL METALS BY ICP				EPA 200.7		(E200.2)
Iron	0.67		0.050	mg/L	1	12/05/08 15:31

Qualifiers:	* Value exceeds Maximum Contaminant Level	B Analyte detected in the associated Method Blank
	E Value exceeds the instrument calibration range	H Holding times for preparation or analysis exceeded
	J Analyte detected below the PQL	ND Not Detected at the Practical Quantitation Limit (PQL)
	P Prim./Conf. column %D or RPD exceeds limit	S Spike Recovery outside accepted recovery limits

QUARTERLY PROGRESS REPORT 1st QUARTER 2009
Operation, Maintenance and Long-term Monitoring Activities

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

PERIOD COVERED: January – March (1st Quarter)

ACTIONS TAKEN DURING QUARTER:

- 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 51,509 gallons of leachate were removed during the period of January 2009 through March 2009. 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”. OP-TECH Environmental Services provided the transportation of the waste, which was arranged by O’Brien & Gere Operations (O’Brien & Gere). Leachate was transported off-site and disposed at the City of Auburn, New York Wastewater Treatment Facility.
- Routine ground water elevation monitoring was performed on January 5, February 2, and March 2, 2009 for wells SWW-1 through SWW-12, and LCW-1 through LCW- 4.
- On February 2, 2009, quarterly ground water elevation monitoring was performed. Quarterly ground-water elevation results for the M-series wells M-21 through M-23, LR-series wells LR-2, -3, -6, -8, along with OS-1, OS-3, OI-1, OD-3, LD-3, LD-4, LD-5, LD-6, LD-8, and LS-6 were recorded.
- Site maintenance activities were conducted on January 27, February 27, and March 2, 2009. The maintenance activities included the visual inspection of the sites earthen land cap, and French drainage system, inspection of the sites perimeter security fence, leachate holding tank, and protective weather cover, well pumping control power panels, external monitoring well inspection, and the inspection of the spill control materials, and storage building fire bottle. These maintenance activities were performed in accordance with the approved Work Plan.

- During this reporting period, an O'Brien & Gere Field Technician applied sodium hydroxide in pellet form, and powdered hydrated lime into the leachate held within the holding tank prior to well pumping. The additives were mixed by means of the leachate flow being pumped into the holding tank. The chemical additions aid in the substantial removal of soluble iron from the leachate, to conform with City of Auburn Wastewater Treatment Facility requirements. Leachate was pumped into OP-TECH Environmental Services transportation vehicles. One 3000-gallon capacity vactor truck and 9000-gallon capacity transport tanker(s) were used for the transportation of the leachate. Additional leachate removal was performed during this quarter and therefore additional leachate transport tankers were scheduled. During January and March, a second transport tanker (total of two transport tankers) was used to transport additional leachate removed during that month. The leachate was pumped from the holding tank into each transport vehicle through an inline bag filter system provided by O'Brien & Gere, for iron removal.
- Additional leachate testing was conducted as required by the City of Auburn Wastewater Treatment Facility (see Table 2 – Additional Leachate Sampling).
- Received EPA's January 12, 2009 comments electronically on the July 2008 Annual Progress Report. Responses to the January 12 EPA comments were submitted electronically to EPA on January 29, 2009. And on March 30, 2009, EPA provided electronic comments on the January 29, 2009 responses, as well as further comments on the July 2008 Annual Progress Report.

RESULTS OF FIELD ACTIVITIES:

- Ground water elevation monitoring data collected on January 5, February 2, and March 2, 2009 are attached (see Attachment C-1).
- The routine leachate disposal and site inspection checklists are attached (see Attachment C-2).
- Additional leachate sampling data are attached (see Attachment C-5).

DOCUMENTATION OF REMOVAL ACTIVITIES DURING PREVIOUS QUARTER:

- Non-hazardous waste manifests (see Attachment C-3).
- Waste Treatment/Disposal Verifications (see Attachment C-4).

JANUARY 7, 2009

Manifest #	Amount (gal)	Date Removed
OPT0013	8700	1/07/2009
OPT0014	2784	1/07/2009
OPT0015	8700	1/07/2009

January 7, 2009 Total = 20,184 gallons

January 2009 Total = 20,184 gallons

FEBRUARY 4, 2009

Manifest #	Amount (gal)	Date Removed
OPT0016	8400	02/04/2009
OPT0016A	2800	02/04/2009

February 4, 2009 Total = 11,200 gallons

February 2009 Total = 11,200 gallons

MARCH 4, 2009

Manifest #	Amount (gal)	Date Removed
OPT0017	8600	03/04/2009
OPT0018	2825	03/04/2009
OPT0019	8700	03/04/2009

March 4, 2009 Total = 20,125 gallons

March 2009 Total = 20,125 gallons

• **CUMULATIVE REMOVAL QUANTITIES**

Cumulative gallons removed during 1st quarter 2009

Under OMM Plan – January through March 2009

51,509

ATTACHMENT C-1

GROUND-WATER ELEVATION DATA

O'Brien
Site

Oswego, New York

Pre-Pumping Monitoring Well Levels

February 2, 2009
10:30 AM

Well Number	Ground		Riser		February 2009			Within Range?			Ground-Water	
	Elevation	Elevation	Elevation		Reading 1	Reading 2	Reading 3	Average	Low	High	Y / N	Elevation
SWW1	286.20	289.33			9.47	9.47	9.47	9.19	8.11	9.74	Yes	279.86
SWW2	286.30	289.37			15.22	15.22	15.22	15.70	15.15	16.08	Yes	274.15
SWW3	286.00	286.50			16.58	16.58	16.58	17.23	16.37	19.94	Yes	269.92
SWW4	282.90	283.60			15.20	15.20	15.20	14.76	12.55	15.58	Yes	268.40
SWW5	275.90	277.02			12.72	12.72	12.72	12.96	12.55	13.58	Yes	264.30
SWW6	270.90	273.06			8.49	8.49	8.49	8.60	8.10	8.90	Yes	264.57
SWW7	273.30	277.93			7.63	7.63	7.63	8.07	7.92	8.30	No	270.30
SWW8	275.70	278.24			3.88	3.88	3.88	4.11	3.80	4.30	Yes	274.36
SWW9	283.30	285.55			16.40	16.40	16.40	17.09	16.41	17.80	No	269.15
SWW10	279.30	280.43			11.88	11.88	11.88	11.41	9.20	12.40	Yes	268.55
SWW11	271.00	273.50			8.47	8.47	8.47	8.97	8.50	9.71	No	265.03
SWW12	270.20	272.82			8.61	8.61	8.61	8.77	8.35	9.20	Yes	264.21
LCW-1	271.40	272.21			7.90	7.90	7.90	7.98	8.38	10.71	No	264.31
LCW-2	272.60	274.44			10.14	10.14	10.14	10.23	10.61	12.96	No	264.30
LCW-3	283.30	284.36			17.55	17.55	17.55	17.91	18.09	19.34	No	266.81
LCW-4	283.80	285.70			17.35	17.35	17.35	17.65	18.00	19.95	No	268.35
OS-1	269.63	272.10			8.76	8.76	8.76	9.78			No	263.34
OI-1	269.14	272.00			11.2	11.20	11.20	11.05			No	260.80
OS-3	274.63	277.89			14.05	14.05	14.05	13.70			No	263.84
OD-3	274.96	277.85			13.91	13.91	13.91	13.56			No	263.94
LD-3	275.80	278.62			4.26	4.26	4.26	4.22			No	274.36
LD-4	276.30	279.25			11.23	11.23	11.23	10.54			No	268.02
LD-5	270.02	272.94			8.84	8.84	8.84	8.74			No	264.10
LS-6	271.40	274.14			10.02	10.02	10.02	9.39			No	264.12
LD-6	270.09	274.03			10.07	10.07	10.07	9.83			No	263.96
LD-8	269.90	272.83			7.28	7.28	7.28	6.92			No	265.55
LR-2	287.50	289.85			12.8	12.80	12.80	13.05			No	277.05
LR-3	275.50	278.06			7.9	7.90	7.90	8.01			No	270.16
LR-6	270.90	274.39			10.28	10.28	10.28	10.23			No	264.11
LR-8	270.00	273.42			9.6	9.60	9.60	9.67			No	263.82
M-21	270.28	272.32			9.30	9.30	9.30	9.35			No	263.02
M-22	270.40	273.88			10.22	10.22	10.22	10.17			No	263.66
M-23	267.98	270.49			12.65	12.65	12.65	12.35			No	257.84

ATTACHMENT C-2

SITE INSPECTION CHECKLIST AND LEACHATE DISPOSAL



O'BRIEN & GERE

PAS Oswego
Oswego, NY

Site Inspection Checklist

Date 1-5-09

Time 9:00

Field Technician MARTIN KOENNECKE Weather SNOW SHOWERS

Site Feature	Check ✓	Condition / Maintenance Performed
Cap		
Burrowing Animals	✓	NONE VISABLE
Cap vegetation	✓	SNOW
Concrete drainage trough	✓	OK
French drain	✓	OK
Weeds	✓	NA
Leachate Collection System / Building		
Pumps	✓	Responding
Pump controls / alarms	✓	NA
Tank level	✓	5.25"
Monitoring Wells		
Locks	✓	OK
Riser	✓	OK
Surface completion	✓	NA
General Site Condition		
Foliage	✓	NA - SNOW
Perimeter fence	✓	NEED MAINT. IN SWAMP AREA
Site access driveway	✓	OK PLOWED DRIVE
Stream gauges	✓	NA
Other Items		
Equipment storage shed	✓	OK
Fire extinguishers	✓	OK
Spill control material	✓	STOCKED
PPE	✓	STAKED

Remarks (use separate sheet is required)

Plowed DRIVE

MONTHLY well Levels

Pumped wells 1, 2, 4 - TREATED TANK WATER PH 8.2



O'BRIEN & GERE

PAS Oswego
Oswego, NY

Site Inspection Checklist

Date 1-27-09

Time 11:45 AM

Field Technician MARTIN KOENNEKE

Weather P-Sunny 20°

Site Feature	Check ✓	Condition / Maintenance Performed
Cap		
Burrowing Animals	✓	NONE VISABLE
Cap vegetation	✓	SNOW COVERED
Concrete drainage trough	✓	OK
French drain	✓	OK
Weeds	✓	NA
Leachate Collection System / Building		
Pumps	✓	Responding
Pump controls / alarms	✓	NA
Tank level	✓	3.5"
Monitoring Wells		
Locks	✓	OK
Riser	✓	OK
Surface completion	✓	NA
General Site Condition		
Foliage	✓	SNOW COVERED
Perimeter fence	✓	will need some repair after snow melt
Site access driveway	✓	Plowed, SHUTTERED GATE
Stream gauges	✓	NA
Other Items		
Equipment storage shed	✓	GOOD
Fire extinguishers	✓	OK
Spill control material	✓	OK STOCKED
PPE	✓	STOCKED

Remarks (use separate sheet is required)

SITE COVERED 2-4' SNOW, PLOWED DRIVE, SHUTTERED OUT GATE
DELIVERED 6-50lb. BAGS CAUSTIC SODA BEADS FOR LEACHATE
TREATMENT



O'BRIEN & GERE

PAS Oswego
Oswego, NY

Site Inspection Checklist

Date 2-2-09

Time 8:00 AM

Field Technician Martin Kovacke

Weather P. Sunny

Site Feature	Check ✓	Condition / Maintenance Performed
Cap		
Burrowing Animals	✓	NONE VISABLE
Cap vegetation	✓	SNOW COVERED
Concrete drainage trough	✓	SNOW COVERED
French drain	✓	" "
Weeds	✓	NA
Leachate Collection System / Building		
Pumps	✓	Responding
Pump controls / alarms	✓	NA
Tank level	✓	3.5" START 48.5" After Pumping
Monitoring Wells		
Locks	✓	OK
Riser	✓	OK
Surface completion	✓	NA
General Site Condition		
Foliage	✓	SNOW
Perimeter fence	✓	OK WORK NEEDED IN SWAMP AREA
Site access driveway	✓	PLOW DRIVE, SHOVELED GATE
Stream gauges	✓	NA
Other Items		
Equipment storage shed	✓	OK
Fire extinguishers	✓	OK
Spill control material	✓	STOCKED
PPE	✓	STOCKED

Remarks (use separate sheet is required)

QUARTERLY well Levels

Pump + TREAT wells LCW 1, 2, 4



O'BRIEN & GERE

PAS Oswego
Oswego, NY

Site Inspection Checklist

Date 2-27-09

Time 10:00 AM

Field Technician MARTIN KOENIGKE Weather RAIN - 45°

Site Feature	Check ✓	Condition / Maintenance Performed
Cap		
Burrowing Animals	✓	NONE VISIBLE
Cap vegetation	✓	OK 1/2 SNOW COVERED
Concrete drainage trough	✓	OK
French drain	✓	OK
Weeds	✓	NA
Leachate Collection System / Building		
Pumps	✓	Responding
Pump controls / alarms	✓	NA
Tank level	✓	12"
Monitoring Wells		
Locks	✓	OK
Riser	✓	OK
Surface completion	✓	NA
General Site Condition		
Foliage	✓	1/2 SNOW COVERED
Perimeter fence	✓	OK
Site access driveway	✓	OK PLOWED
Stream gauges	✓	NA
Other Items		
Equipment storage shed	✓	OK
Fire extinguishers	✓	OK
Spill control material	✓	STOCKED
PPE	✓	STOCKED

Remarks (use separate sheet is required)

Plowed, 2ND MONTHLY INSPECTION



O'BRIEN & GERE

PAS Oswego
Oswego, NY

Site Inspection Checklist

Date 3-2-09

Time 1030

Field Technician MARTIN KOENNECKE Weather WINDY 12°

Site Feature	Check ✓	Condition / Maintenance Performed
Cap		
Burrowing Animals	✓	NONE VISIBLE
Cap vegetation	✓	P- SNOW COVERED
Concrete drainage trough	✓	OK
French drain	✓	OK
Weeds	✓	NA
Leachate Collection System / Building		
Pumps	✓	Responding
Pump controls / alarms	✓	NA
Tank level	✓	12"
Monitoring Wells		
Locks	✓	OK
Riser	✓	OK
Surface completion	✓	NA
General Site Condition		
Foliage	✓	P- SNOW COVERED
Perimeter fence	✓	OK
Site access driveway	✓	OK
Stream gauges	✓	NA
Other Items		
Equipment storage shed	✓	OK
Fire extinguishers	✓	OK
Spill control material	✓	STOCKED
PPE	✓	STOCKED

Remarks (use separate sheet is required)

MONTHLY well Levels Pump LCW 1, 2, 4
CHECK PH, IRON, TREAT Leachate To ADJUST PH + IRON



O'BRIEN & GERE

PAS Oswego
Oswego, NY

Site Inspection Checklist

Date 3-25-09

Time 10:00

Field Technician MARTIN KOENNECKE

Weather SUNNY 40°

Site Feature	Check ✓	Condition / Maintenance Performed
Cap		
Burrowing Animals	✓	NONE VISABLE.
Cap vegetation	✓	OK
Concrete drainage trough	✓	OK
French drain	✓	OK
Weeds	✓	NA
Leachate Collection System / Building		
Pumps	✓	Responding
Pump controls / alarms	✓	NA
Tank level	✓	5"
Monitoring Wells		
Locks	✓	OK
Riser	✓	OK
Surface completion	✓	NA
General Site Condition		
Foliage	✓	GOOD
Perimeter fence	✓	WORKED ON BRUSH AND TREES HANGING ON FENCE
Site access driveway	✓	OK
Stream gauges	✓	NA
Other Items		
Equipment storage shed	✓	OK
Fire extinguishers	✓	OK
Spill control material	✓	STOCKED
PPE	✓	STOCKED

Remarks (use separate sheet is required)

2nd MONTHLY INSPECTION; WORKED ON CLEANNING BRUSH AND SMALL TREES HANGING ON FENCE ON NORTH & WEST SIDE OF SITE



O'BRIEN & GERE

PAS Site
Oswego, New York

Leachate Disposal Checklist

Field Technician: MARTIN KOENNECKE Time on-site: 9:00
 Transportation Subcontractor: _____
 Leachate Destination: _____
 Date: 1-5-09

Well	Leachate Collection Well Pumping		Well Pumping Flow Rate Analyses		Flow Rate Calculation
	Start Time	Stop Time	Time	Tank Elev. (Down)	
LCW-1	10:30	11:50	}	80min ÷ 43.25" =	13191 gal = 165 GPM
LCW-2	10:30	11:50			
LCW-3					
LCW-4	10:30	11:50			
Leachate Holding Tank Height:					
Start	5.25"		HACH IRON KIT Reading 9.0 LML AT 6.9 PH		
Stop	48.5"		TREATED TANK WITH 50/lbs caustic 1/8lb. LIME		
End Pumped	13191 gal.		PH = 8.2		
Initial Flow Meter Reading:					
Final Flow Meter Reading: 48.5" = 14,792 gallons					

Load	(Pre-Loading) Tanker		(Post-Loading) Tanker		Destination	Gallons
	Time Start	Confirmed Clean	Time Stop	Tanker Volume (by Stick Mass)	Manifest(s) Numbers	
Load #1						
Load #2						
Load #3						
Load #4						



O'BRIEN & GERE

PAS Site
Oswego, New York

Leachate Disposal Checklist

Field Technician: MARTIN KOENNECKE Time on-site: 730

Transportation Subcontractor: OP-TECH ENVIRONMENTAL SERVICES

Leachate Destination: CITY OF AUBURN WATER POLLUTION

Date: 1-7-09 CONTROL PLANT

Well	Leachate Collection Well Pumping		Well Pumping Flow Rate Analyses		Flow Rate Calculation
	Start Time	Stop Time	Time	Tank Elev. (Down)	
LCW-1	9:40	10:20	} 40 min = 21.5" (6558 gal) = 164 GPM		
LCW-2	9:40	10:20			
LCW-3	NOT PUMPED				
LCW-4	9:40	10:20			
Leachate Holding Tank Height: <u>HACH FE-205</u>					
Start <u>48"</u> LOADED 2 LOADS = 11,484 gal. = 37.5" <u>PH-8.3</u>					
START - <u>10.5"</u> STOP + <u>32"</u> - PH-7.0 TREATED 15' LIME, HOLDS CAUSTIC BEADS					
END <u>PH-8.6 HACH FE-200</u>					
Initial Flow Meter Reading: <u>LOAD #3 - 28.5" = 8700 gal.</u>					
Final Flow Meter Reading: <u>TANK LEVEL - 30.5" AFTER PUMP OUT</u>					

Load	(Pre-Loading) Tanker		(Post-Loading) Tanker		Destination	Gallons
	Time Start	Confirmed Clean	Time Stop	Tanker Volume (by Stick Mass)	Manifest(s) Numbers	
Load #1	8:00	yes	9:10	53"	OPT-0013	8,700
Load #2	9:15	yes	9:35	59"	OPT-0014	2,784
Load #3	12:30	yes	13:40	53"	OPT-0015	8,700
Load #4						

TOTAL 20,184



O'BRIEN & GERE

PAS Site Oswego, New York

Leachate Disposal Checklist

Field Technician: MARTIN KOENNECKE Time on-site: 8:00 AM

Transportation Subcontractor: _____

Leachate Destination: _____

Date: 2-2-09

Well	Leachate Collection Well Pumping		Well Pumping Flow Rate Analyses		Flow Rate Calculation
	Start Time	Stop Time	Time	Tank Elev. (Down)	
LCW-1	12:30	14:00			
LCW-2	12:30	14:00			
LCW-3					
LCW-4	12:30	14:00			
Leachate Holding Tank Height:					
Start	3.5"		11/11 FE KIT = 9 mg/l		PH: 6.8
Stop	1 ADDED 75 lbs CAUSTIC SODA BEADS 25 lbs Lime				
End	48.5"		1 AFTER TREATMENT PH: 8.5 FE 3. mg/l		
Initial Flow Meter Reading:					
Final Flow Meter Reading:					

Load	(Pre-Loading) Tanker		(Post-Loading) Tanker		Destination	Gallons
	Time Start	Confirmed Clean	Time Stop	Tanker Volume (by Stick Mass)	Manifest(s) Numbers	
Load #1						
Load #2						
Load #3						
Load #4						



O'BRIEN & GERE

PAS Site
Oswego, New York

Leachate Disposal Checklist

Project Personnel: MARTIN KRAENNECKE Time on-site: 6:30
Transportation Subcontractor: OPTech ENVIRONMENTAL SERVICES
Leachate Destination: CITY OF AUBURN WATER POLLUTION CONTROL PLANT
Date: 2-4-09

Well	Leachate Collection Well Pumping		Well Pumping Flow Rate Analyses		Flow Rate Calculation	Remarks
	Start Time	Stop Time	Time	Tank Elev. (Down)		
LCW-1						
LCW-2						
LCW-2						
LCW-4						
Leachate Holding Tank:		48.5"		HACH FE = 3.0 mg		
Initial Flow Meter Reading:		END 12"		PH = 8.6		
Final Flow Meter Reading:						

Load	(Pre-Loading) Tanker		(Post-Loading) Tanker		Destination	Remarks
	Time	Confirmed Clean	Time	Tanker Volume (by Stick Mass)	Manifest(s) Numbers	
Load #1	7:00	Yes	9:40	51"	OPT-CC16	8400 gal
Load #2	9:50	Yes	10:30	60"	OPT-CC18	2800 gal
Load #3						
Load #4						

TOTAL 11,200 gal.

Quarterly Samples TAKEN



O'BRIEN & GERE

PAS Site Oswego, New York

Leachate Disposal Checklist

Field Technician: MARTIN KOENIGKE Time on-site: 1030
 Transportation Subcontractor: NA
 Leachate Destination: NA
 Date: 3-2-09

Well	Leachate Collection Well Pumping		Well Pumping Flow Rate Analyses		Flow Rate Calculation
	Start Time	Stop Time	Time	Tank Elev. (Down)	
LCW-1	11:50	13:10			
LCW-2	11:50	13:10			
LCW-3	---	NOT	Pumped	---	---
LCW-4	11:50	13:10			

Leachate Holding Tank Height:
 Start 12" | 1 | HACH KIT 9.0 IRON PH-6.8
 Stop 48" | 1 | TREATED with 0.5 lbs Lime AND 50 lbs CAUSTIC
 End _____ | 1 | HACH KIT - 3.0 PH 8.5

Initial Flow Meter Reading:
 Final Flow Meter Reading:

Load	(Pre-Loading) Tanker		(Post-Loading) Tanker		Destination	Gallons
	Time Start	Confirmed Clean	Time Stop	Tanker Volume (by Stick Mass)	Manifest(s) Numbers	
Load #1						
Load #2						
Load #3						
Load #4						

ATTACHMENT C-3

NON-HAZARDOUS WASTE MANIFESTS

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. **NYD0000511859**

Manifest Document No. **OPT-0015**

2. Page 1 of 1

3. Generator's Name and Mailing Address

PAS Participating Parties
C/O O'Brien & Gere Operations
5000 Brittonfield Pkwy, E Syracuse, NY 13057

55 Seneca Street

Oswego, NY 13128

4. Generator's Phone () **315-437-6100 Attn. Kevin Stone**

5. Transporter 1 Company Name
OP-TECH Environmental Services, Inc.

6. US EPA ID Number
NYD986980753

A. State Transporter's ID **6A-155**

B. Transporter 1 Phone **315-463-1843**

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Auburn Water Pollution Control Plant
35 Bradley St.
Auburn, NY 13021

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone **315-253-6511**

11. WASTE DESCRIPTION

12. Containers

13. Total Quantity

14. Unit Wt./Vol.

Non RCRA, Non DOT Regulated Liquids (Leachate Water)

1

TT

Est.

8,700

G

G. Additional Descriptions for Materials Listed Above

a. **53"**

H. Handling Codes for Wastes Listed Above

a. T

c.

b.

d.

15. Special Handling Instructions and Additional Information

Emergency Response: OP-TECH Environmental Services, Inc. @ 1-800-225-6750
Job # SOBED0071

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name **AS Agent**
MARTIN KOENNECKE

Signature *Martin Koenecke*

Date
 Month Day Year
01 10 09

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name
STEVE BRAMBLE

Signature *Steve Bramble*

Date
 Month Day Year
01 07 09

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Date
 Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator; Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name
Jim Brown

Signature *Jim Brown*

Date
 Month Day Year

NON-HAZARDOUS WASTE GENERATOR

TRANSPORTER FACILITY

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. NYD000511659	Manifest Document No. OPT-0014	2. Page 1 of 1
3. Generator's Name and Mailing Address PAS Participating Parties C/O O'Brien & Gere Operations 5000 Brittonfield Pkwy, E Syracuse, NY 13057		55 Seneca Street Oswego, NY 13126		
4. Generator's Phone () 315-437-6100 Attn. Kevin Stone				
5. Transporter 1 Company Name OP-TECH Environmental Services, Inc.	6. US EPA ID Number NYD986980753	A. State Transporter's ID 6A-156		
7. Transporter 2 Company Name		B. Transporter 1 Phone 315-483-1643		
8. US EPA ID Number		C. State Transporter's ID		
9. Designated Facility Name and Site Address Auburn Water Pollution Control Plant 35 Bradley St. Auburn, NY 13021		D. Transporter 2 Phone		
10. US EPA ID Number		E. State Facility's ID		
		F. Facility's Phone 315-253-6511		


11. WASTE DESCRIPTION	12. Containers		13. Total Quantity	14. Unit Wt./Vol.
	No.	Type		
Non RCRA, Non DOT Regulated Liquids (Leachate Water)	1	TT	Est. 2,784	G
b.				
c.				
d.				

G. Additional Descriptions for Materials Listed Above a. 59"	H. Handling Codes for Wastes Listed Above a. T c. b. d.
--	---

15. Special Handling Instructions and Additional Information
Emergency Response: OP-TECH Environmental Services, Inc. @ 1-800-225-6750
Job # SOBE00071

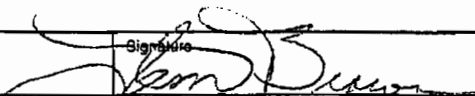
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name AS AGENT MARTIN KOENNECKE	Signature AS AGENT Martin Koennecke	Date Month Day Year 1 7 09
---	--	---

17. Transporter 1 Acknowledgement of Receipt of Materials		
Printed/Typed Name VINCENT OLIVER	Signature 	Date Month Day Year 1 7 09

18. Transporter 2 Acknowledgement of Receipt of Materials		
Printed/Typed Name	Signature	Date Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator; Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.		
Printed/Typed Name John Brown	Signature 	Date Month Day Year 1 7 09

NON-HAZARDOUS WASTE

GENERATOR

TRANSPORTER

FACILITY

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. NY D 0 0 0 5 1 1 6 5 9		Manifest Document No. OPT-0013	2. Page 1 of 1
3. Generator's Name and Mailing Address Participating Parties C/O O'Brien & Gere Operations 5000 Brittonfield Pkwy, E Syracuse, NY 13057				55 Seneca Street Oswego, NY 13120	
4. Generator's Phone () 315-437-6100 Attn. Kevin Stone					
5. Transporter 1 Company Name OP-TECH Environmental Services, Inc.		6. US EPA ID Number NY D 0 8 8 9 8 0 7 5 3		A. State Transporter's ID 6A-166	
7. Transporter 2 Company Name		8. US EPA ID Number		B. Transporter 1 Phone 315-463-1843	
9. Designated Facility Name and Site Address Auburn Water Pollution Control Plant 35 Bradley St. Auburn, NY 13021		10. US EPA ID Number		C. State Transporter's ID	
				D. Transporter 2 Phone	
				E. State Facility's ID	
				F. Facility's Phone 315-253-6511	
11. WASTE DESCRIPTION			12. Containers	13. Total Quantity	14. Unit WL/Vol.
			No.	Type	
Non RCRA, Non DOT Regulated Liquids (Leachate Water)			1	TT	Est. 8,700 G
b.					
c.					
d.					
G. Additional Descriptions for Materials Listed Above			H. Handling Codes for Wastes Listed Above		
a. 53"			a. T c.		
			b. d.		
15. Special Handling Instructions and Additional Information Emergency Response: OP-TECH Environmental Services, Inc. @ 1-800-225-6750 Job # SOBE00071					

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.					
Printed/Typed Name AS AGENT MARTIN K DENNELKE				Signature AS AGENT Martin K Denneke	
				Date 01 07 09	
17. Transporter 1 Acknowledgement of Receipt of Materials					
Printed/Typed Name STEVE BRAMBLE				Signature Steven Bramble	
				Date 01 07 09	
18. Transporter 2 Acknowledgement of Receipt of Materials					
Printed/Typed Name				Signature	
				Date	
19. Discrepancy Indication Space					
20. Facility Owner or Operator, Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.					
Printed/Typed Name Jeff Sikora				Signature [Signature]	
				Date 1 7 09	

NON-HAZARDOUS WASTE GENERATOR

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

MK

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. NYD000511659		Manifest Document No. DPT-006A		2. Page 1 of 1	
3. Generator's Name and Mailing Address PAS Participating Parties C/O O'Brien & Gere Operations 5000 Brittonfield Pkwy, E Syracuse, NY 13057				65 Seneca Street Oswego, NY 13126			
4. Generator's Phone () 315-437-6100 Attn. Kevin Stone							
5. Transporter 1 Company Name OP-TECH Environmental Services, Inc.		6. US EPA ID Number NYD986980753		A. State Transporter's ID 6A-166		B. Transporter 1 Phone 315-483-1843	
7. Transporter 2 Company Name		8. US EPA ID Number		C. State Transporter's ID		D. Transporter 2 Phone	
9. Designated Facility Name and Site Address Auburn Water Pollution Control Plant 35 Bradley St. Auburn, NY 13021				10. US EPA ID Number		E. State Facility's ID	
				F. Facility's Phone 315-253-6511			
11. WASTE DESCRIPTION			12. Containers		13. Total Quantity	14. Unit Wt./Vol.	
Non RCRA, Non DOT Regulated Liquids (Leachate Water)			No.	Type	Est.		
			1	TT	2800	G	
			b.				
			c.				
			d.				
G. Additional Descriptions for Materials Listed Above				H. Handling Codes for Wastes Listed Above			
60"				a. T		c.	
				b.		d.	
15. Special Handling Instructions and Additional Information Emergency Response: OP-TECH Environmental Services, Inc. @ 1-800-225-8750 Job # SOBED0071 <i>ONSITE OFFSITE 10:30 X MK</i> <i>0730 AM</i>							
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.							
Printed/Typed Name <i>AS Agent</i> MARTIN KOENNELKE				Signature <i>AS Agent</i> Martin Koenelke		Date 2 4 09	
17. Transporter 1 Acknowledgement of Receipt of Materials				Signature Wayne Earl		Date 2 4 09	
18. Transporter 2 Acknowledgement of Receipt of Materials				Signature		Date	
19. Discrepancy Indication Space							
20. Facility Owner or Operator, Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.							
Printed/Typed Name Jim Brown				Signature <i>Jim Brown</i>		Date 2 4 09	

NON-HAZARDOUS WASTE

GENERATOR

RECEIVED BY

FACILITY

NON-HAZARDOUS WASTE MANIFEST

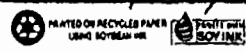
Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. NYD0000511859	Manifest Document No. OPT-0016	2. Page 1 of 1
3. Generator's Name and Mailing Address PAS Participating Parties C/O O'Brien & Gere Operations 5000 Brittonfield Pkwy, E Syracuse, NY 13057		55 Seneca Street Oswego, NY 13128		
4. Generator's Phone () 315-437-6100 Attn. Kevin Stone				
5. Transporter 1 Company Name OP-TECH Environmental Services, Inc.	6. US EPA ID Number NYD088980753	A. State Transporter's ID 6A-166	B. Transporter 1 Phone 315-483-1843	
7. Transporter 2 Company Name	8. US EPA ID Number	C. State Transporter's ID	D. Transporter 2 Phone	
9. Designated Facility Name and Site Address Auburn Water Pollution Control Plant 35 Bradley St. Auburn, NY 13021		10. US EPA ID Number	E. State Facility's ID	
		F. Facility's Phone 316-253-6511		
11. WASTE DESCRIPTION		12. Containers	13. Total Quantity	14. Unit Wt./Vol.
		No. Type		
Non RCRA, Non DOT Regulated Liquids (Leachate Water)		1 TT	Est. 8400	G
b.				
c.				
d.				
G. Additional Descriptions for Materials Listed Above		H. Handling Codes for Wastes Listed Above		
a. 51"		a. T c.		
		b. d.		
15. Special Handling Instructions and Additional Information Emergency Response: OP-TECH Environmental Services, Inc. @ 1-800-225-6750 Job # SOBE00071				
ON SITE 7:00 AM OFF SITE 10:38 AM MK				
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.				
Printed/Typed Name AS Agent MARTIN KOENNECKE		Signature AS Agent Martin Koennecke	Date 2 4 09	
17. Transporter 1 Acknowledgement of Receipt of Materials				
Printed/Typed Name RICHARD L. GROVER JR		Signature Richard L. Grover Jr.	Date 2 4 09	
18. Transporter 2 Acknowledgement of Receipt of Materials				
Printed/Typed Name		Signature	Date	
19. Discrepancy Indication Space				
20. Facility Owner or Operator; Certification of receipt of the waste materials covered by this manifest, except as noted in Item 19.				
Printed/Typed Name Tom Brown		Signature Tom Brown	Date 2 7 09	

EPCRA COMPLIANCE

TRANSPORTER

FACILITY



NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on 8 1/2" (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. 000511859		Manifest Document No. OPT-018	2. Page 1 of 1
3. Generator Name and Site Address C/O O'Brien & Gere Operations 1000 Brittonfield Pkwy, E Syracuse, NY 13067		55 Seneca Street Oswego, NY 13128			
4. Generator's Phone () 315-437-6100 Attn. Karin Stoebe		5. Transporter 1 Company Name OP-TECH Environmental Services, Inc.		A. State Transporter's ID 0A-103	
		NY D 8 8 8 US EPA ID Number 0753		B. Transporter 1 Phone 315-433-1543	
7. Transporter 2 Company Name		8. US EPA ID Number		C. State Transporter's ID	
				D. Transporter 2 Phone	
9. Designated Facility Name and Site Address Auburn Water Pollution Control Plant 35 Bradley St. Auburn, NY 13021		10. US EPA ID Number		E. State Facility's ID	
				F. Facility's Phone 315-253-8511	
11. WASTE DESCRIPTION		12. Containers		13. Total Quantity	
		No. Type		Est. Unit Wt./Vol.	
Non RCRA, Non DOT Regulated Liquids (Leachate Water)		1 TT		2,825 G	
b.					
c.					
d.					
G. Additional Descriptions for Materials Listed Above Leachate Water		H. Handling Codes for Wastes Listed Above			
60"		a. T		c.	
		b.		d.	
15. Special Handling Instructions and Additional Information Emergency Response: OP-TECH Environmental Services, Inc. @ 1-800-225-6750 Job # SOBEM0071					
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.					
Printed/Typed Name AS AGENT MARTIN KOENWECKE		Signature <i>Martin Koenwecke</i>		Date 3/4/09	
17. Transporter 1 Acknowledgement of Receipt of Materials					
Printed/Typed Name VINCENT OLIVER		Signature <i>Vincent Oliver</i>		Date 03/04/09	
18. Transporter 2 Acknowledgement of Receipt of Materials					
Printed/Typed Name		Signature		Date	
19. Discrepancy Indication Space					
Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.					
Printed/Typed Name Jim Brown		Signature <i>Jim Brown</i>		Date 3/19/09	

GENERATOR RECEIPT FACILITY

NON-HAZARDOUS WASTE MANIFEST

Use print or type (Form designed for use on site (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. NYD000511250	Manifest Document No. OPT-0017	2. Page 1 of 1
3. Generator Name and Mailing Address OP-TECH Environmental Services, Inc. 100 Brittonfield Pkwy, E Syracuse, NY 13057		25 Genesee Street Oswego, NY 13126		
4. Generator's Phone () 315-437-3100 Attn. Kevin Stode				
5. Transporter 1 Company Name OP-TECH Environmental Services, Inc.		6. US EPA ID Number NYD000511250	A. State Transporter's ID 8A-126	
			B. Transporter 1 Phone 315-433-1349	
7. Transporter 2 Company Name		8. US EPA ID Number	C. State Transporter's ID	
			D. Transporter 2 Phone	
9. Designated Facility Name and Site Address Auburn Water Pollution Control Plant 35 Bradley St. Auburn, NY 13021		10. US EPA ID Number	E. State Facility's ID	
			F. Facility's Phone 315-253-6511	

11. WASTE DESCRIPTION	12. Containers		13. Total Quantity	14. Unit Wt./Vol.
	No.	Type		
Non RCRA, Non DOT Regulated Liquids (Leachate Water)	1	TT	Est. 8,600	G
b.				
c.				
d.				

Additional Descriptions for Materials Listed Above 5 3/4"	H. Handling Codes for Wastes Listed Above a. T c. b. d.
---	--

15. Special Handling Instructions and Additional Information
Emergency Response: OP-TECH Environmental Services, Inc. @ 1-800-225-6750
Job # 30BED0071

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name MARTIN KOENIGKE	Signature <i>Martin Koeningke</i>	Date 3/4/09
--	--------------------------------------	-----------------------

17. Transporter 1 Acknowledgement of Receipt of Materials		
Printed/Typed Name STEVE BRAMBLE	Signature <i>Steve Bramble</i>	Date 3/4/09

18. Transporter 2 Acknowledgement of Receipt of Materials		
Printed/Typed Name	Signature	Date

19. Discrepancy Indication Space

Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.		
Printed/Typed Name Jim Brown	Signature <i>Jim Brown</i>	Date 3/4/09

GENERATOR

TRANSPORTER

FACILITY

NON-HAZARDOUS WASTE MANIFEST

(Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No NY 7 D 0 0 0 5 1 1 8 5 9	Manifest Document No OP-019	2. Page <u>1</u> of <u> </u>
Generator's Facility Name and Address OP-TECH Environmental Services, Inc. 315-457-8100 Ann. Kaye Stone	35 Seneca Street Oswego, NY 13128		
Transporter 1 Company Name JP-TECH Environmental Services, Inc.	US EPA ID Number N Y D 9 9 8 9 9 0 7 5 3	A. State Transporter's ID 3A-168	
Transporter 2 Company Name JP-TECH Environmental Services, Inc.	US EPA ID Number 8	B. Transporter 1 Phone 315-433-1843	
Designated Facility Name and Site Address Syracuse Water Pollution Control Plant 18 Bradley St. Syracuse, NY 13021	US EPA ID Number 10	C. State Transporter's ID 	
		D. Transporter 2 Phone 	
		E. State Facility's ID 	
		F. Facility's Phone 315-253-6511	

WASTE DESCRIPTION	12. Containers		13. Total Quantity	14. Unit WL/Vol.
	No.	Type	Est.	
Non RCRA, Non DOT Regulated Liquids (Leachate Water)	1	TT	8,700	G

Additional Descriptions for Materials Listed Above <input checked="" type="checkbox"/> Leachate Water <div style="font-size: 2em; font-weight: bold; margin-left: 20px;">53</div>	H. Handling Codes for Wastes Listed Above a. T c. b. d.
---	---

Special Handling Instructions and Additional Information
Emergency Response: OP-TECH Environmental Services, Inc. @ 1-800-225-6750
Job # SOBE0071

GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Typed Name AS Agent	Signature <i>[Signature]</i>	Date	Month Day Year 3 4 09
Transporter 1 Acknowledgement of Receipt of Materials			
Typed Name STEVE BRAMBLE	Signature <i>[Signature]</i>	Date	Month Day Year 3 4 09
Transporter 2 Acknowledgement of Receipt of Materials			
Typed Name	Signature	Date	Month Day Year

Discrepancy Indication Space

F. Receiver or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Typed Name <i>[Signature]</i>	Signature <i>[Signature]</i>	Date	Month Day Year 3 4 09
----------------------------------	---------------------------------	------	---------------------------------

ATTACHMENT C-4

WASTE TREATMENT/DISPOSAL VERIFICATIONS



O'BRIEN & GERE

PAS Oswego Site Truck Unloading Verification Form

Date: 1/7/09

Unloading Facility

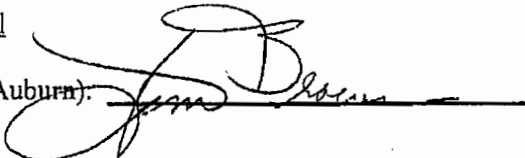
Auburn POTW, Auburn, NY

- Manifest #: OPT 0015 Estimated Gallons: 8,700
- Truck # or plate: 385 Tank Trailer # 8000
- Driver: STEVE BRAMBLE

Stick Measurement:

- Loading: 59"
- Unloading (Auburn POTW): 53"

POTW Disposal

Approved By (Auburn): 

Transferred By: _____

Billing Gallons: _____

NOTE: Attached to Non-Hazardous Manifest and submit to O'Brien & Gere Operations Manager

Send To;
 Kevin Stone
 5000 Brittonfield Parkway,
 P.O. Box 4873,
 Syracuse, New York 13221-4873
 (315) 437-6100 / FAX (315) 463-7554

Email To:
 stonekm@obg.com



O'Brien & Gere, Inc. of North America, an O'Brien & Gere company
 5000 Brittonfield Parkway, P.O. Box 4873, Syracuse, New York 13221-4873
 (315) 437-6100 / FAX (315) 463-7554 • <http://www.obg.com>

...and offices in major U.S. cities



O'BRIEN & GERE

PAS Oswego Site Truck Unloading Verification Form

Date: 1-7-09

Unloading Facility

Auburn POTW, Auburn, NY

- Manifest #: OST-0014 Estimated Gallons: 2784
- Truck # or plate: 503 Tank Trailer # _____
- Driver: OLIVER

Stick Measurement:

- Loading: 59" 2784g
- Unloading (Auburn POTW): 59" 2784g

POTW Disposal

Approved By (Auburn): 

Transferred By: _____

Billing Gallons: _____

NOTE: Attached to Non-Hazardous Manifest and submit to O'Brien & Gere Operations Manager

Send To;
Kevin Stone
5000 Brittonfield Parkway,
P.O. Box 4873,
Syracuse, New York 13221-4873
(315) 437-6100 / FAX (315) 463-7554

Email To:
stonekm@obg.com



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(315) 437-6100 / FAX (315) 463-7554 • <http://www.obg.com>

...and offices in major U.S. cities



O'BRIEN & GERE

PAS Oswego Site Truck Unloading Verification Form

Date: 1/7/09

Unloading Facility

Auburn POTW, Auburn, NY

- Manifest #: OPT 013 Estimated Gallons: 8,700
- Truck # or plate: 385 Tank Trailer # 8000
- Driver: STEVIE DRAMBLE

Stick Measurement:

- Loading: 53"
- Unloading (Auburn POTW): 53"

POTW Disposal

Approved By (Auburn): [Signature] 1/7/09

Transferred By: _____

Billing Gallons: _____

NOTE: Attached to Non-Hazardous Manifest and submit to O'Brien & Gere Operations Manager

Send To;
 Kevin Stone
 5000 Brittonfield Parkway,
 P.O. Box 4873,
 Syracuse, New York 13221-4873
 (315) 437-6100 / FAX (315) 463-7554

Email To:
 stonekm@obg.com



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 (315) 437-6100 / FAX (315) 463-7554 • <http://www.obg.com>

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O'BRIEN & GERE

PAS Oswego Site Truck Unloading Verification Form

Date: 2/4/09

Unloading Facility

Auburn POTW, Auburn, NY

- Manifest #: OPT-0018 Estimated Gallons: 2800
- Truck # or plate: 40600 PA Tank Trailer # _____
- Driver: Wayne Earl

Stick Measurement:

- Loading: 60" 2800
- Unloading (Auburn POTW): 2800

POTW Disposal

Approved By (Auburn): [Signature]

Transferred By: Wayne Earl

Billing Gallons: 2800

NOTE: Attached to Non-Hazardous Manifest and submit to O'Brien & Gere Operations Manager

Send To;
 Kevin Stone
 5000 Brittonfield Parkway,
 P.O. Box 4873,
 Syracuse, New York 13221-4873
 (315) 437-6100 / FAX (315) 463-7554

Email To:
 stonekm@obg.com

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 5000 Brittonfield Parkway, P.O. Box 4873, Syracuse, New York 13221-4873
 (315) 437-6100 / FAX (315) 433-7554 • <http://www.obg.com>

... and offices in major U.S. cities



O'BRIEN & GERE

PAS Oswego Site Truck Unloading Verification Form

Date: 2/4/09

Unloading Facility

Auburn POTW, Auburn, NY

- Manifest #: OPT-6016 Estimated Gallons: 8400
- Truck # or plate: 33297AA Tank Trailer # AS50986
- Driver: RICK GROVER

Stick Measurement:

- Loading: 51"
- Unloading (Auburn POTW): 51"

POTW Disposal

Approved By (Auburn): [Signature]

Transferred By: RICK GROVER

Billing Gallons: 8400 gals

NOTE: Attached to Non-Hazardous Manifest and submit to O'Brien & Gere Operations Manager

Send To;
Kevin Stone
5000 Brittonfield Parkway,
P.O. Box 4873,
Syracuse, New York 13221-4873
(315) 437-6100 / FAX (315) 463-7554

Email To:
stonekm@obg.com

O'Brien & Gere, Inc. of North America, an O'Brien & Gere company
5000 Brittonfield Parkway, P.O. Box 4873, Syracuse, New York 13221-4873
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...and offices in major U.S. cities



O'BRIEN & GERE

PAS Oswego Site Truck Unloading Verification Form

Date: 3/4/09

Unloading Facility

Auburn POTW, Auburn, NY

- Manifest #: OIT-0017 Estimated Gallons: 8,650
- Truck # or plate: 33297 Tank Trailer # AS 8098
- Driver: STEVE BRIDBLE

Stick Measurement:

- Loading: 52 1/4"
- Unloading (Auburn POTW): 54 1/4"

POTW Disposal

Approved By (Auburn): [Signature]

Transferred By: _____

Billing Gallons: _____

NOTE: Attached to Non-Hazardous Manifest and submit to O'Brien & Gere Operations Manager

Send To;
 Kevin Stone
 5000 Brittonfield Parkway,
 P.O. Box 4873,
 Syracuse, New York 13221-4873
 (315) 437-6100 / FAX (315) 463-7554

Email To:
 stonekm@obg.com

O'Brien & Gere, Inc. of North America, an O'Brien & Gere company
 5000 Brittonfield Parkway, P.O. Box 4873, Syracuse, New York 13221-4873
 (315) 437-6100 / FAX (315) 463-7554 • <http://www.obg.com>

...and offices in major US cities



O'BRIEN & GERE

PAS Oswego Site Truck Unloading Verification Form

Date: 3-4-09

Unloading Facility


Auburn POTW, Auburn, NY

- Manifest #: OPT-018 Estimated Gallons: 2825
- Truck # or plate: 503 Tank Trailer # N/A
- Driver: V. OLIVER

Stick Measurement:

- Loading: 60"
- Unloading (Auburn POTW): 60"

POTW Disposal

Approved By (Auburn): 

Transferred By: _____

Billing Gallons: _____

NOTE: Attached to Non-Hazardous Manifest and submit to O'Brien & Gere Operations Manager

Send To:
 Kevin Stone
 5000 Brittonfield Parkway,
 P.O. Box 4873,
 Syracuse, New York 13221-4873
 (315) 437-6100 / FAX (315) 463-7554

Email To:
 stonekm@obg.com

O'Brien & Gere, Inc. of North America, an O'Brien & Gere company
 5000 Brittonfield Parkway, P.O. Box 4873, Syracuse, New York 13221-4873
 (315) 437-6100 / FAX (315) 463-7554 • <http://www.obg.com>

... and offices in major U.S. cities



O'BRIEN & GERE

PAS Oswego Site Truck Unloading Verification Form

Date: 3/4/09

Unloading Facility

Auburn POTW, Auburn, NY

- Manifest #: OPT-019 Estimated Gallons: 8,700
- Truck # or plate: 385 Tank Trailer # 8000
33297 PA AS 80986
- Driver: STEVE BRAMBLE

Stick Measurement:

- Loading: 53"
- Unloading (Auburn POTW): 53"

POTW Disposal

Approved By (Auburn): [Signature]

Transferred By: _____

Billing Gallons: _____

NOTE: Attached to Non-Hazardous Manifest and submit to O'Brien & Gere Operations Manager

Send To;
 Kevin Stone
 5000 Brittonfield Parkway,
 P.O. Box 4873,
 Syracuse, New York 13221-4873
 (315) 437-6100 / FAX (315) 463-7554

Email To:
 stonekm@obg.com

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 5000 Brittonfield Parkway, P.O. Box 4873, Syracuse, New York 13221-4873
 (315) 437-6100 / FAX (315) 463-7554 • <http://www.obg.com>

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ATTACHMENT C-5
ADDITIONAL LEACHATE SAMPLING DATA



Life Science Laboratories, Inc.

5000 Brittonfield Parkway, Suite 200

East Syracuse, NY 13057

(315) 437-0200

Wednesday, February 18, 2009

Kevin Stone
O'Brien & Gere Inc. of North America
5000 Brittonfield Parkway
PO Box 4873
Syracuse, NY 13221-4873

TEL: 315-437-6100

Project: PAS OSWEGO-PUMP & TREAT

RE: Analytical Results

Order No.: 0902017

Dear Kevin Stone:

Life Science Laboratories, Inc. received 2 sample(s) on 2/4/2009 for the analyses presented in the following report.

Very truly yours,
Life Science Laboratories, Inc.

Pamela J. Titus
Project Manager



Life Science Laboratories, Inc.

5000 Brittonfield Parkway, Suite 200

East Syracuse, NY 13057

(315) 437-0200

Analytical Results

StateCertNo: 10155

CLIENT: O'Brien & Gere Inc. of North America

Project: PAS Oswego-Pump & Treat

W Order: 0902017

Matrix: WATER

Inst. ID: MS03 10

ColumnID: Rtx-VMS

Revision: 02/10/09 11:28

Col Type:

Sample Size: 10 mL

%Moisture:

TestCode 624W

Lab ID: 0902017-001E

Client Sample ID: After Bag Filter

Collection Date: 02/04/09 10:20

Date Received: 02/04/09 12:35

PrepDate:

BatchNo: R16364

FileID: 1-SAMP-J8564.D

Analyte	Result	Qual	PQL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS				EPA 624		
Benzene	147	E	1.00	µg/L	1	02/06/09 21:15
cis-1,2-Dichloroethene	68.3	E	1.00	µg/L	1	02/06/09 21:15
Methylene chloride	ND		1.00	µg/L	1	02/06/09 21:15
Toluene	116	E	1.00	µg/L	1	02/06/09 21:15
trans-1,2-Dichloroethene	1.16		1.00	µg/L	1	02/06/09 21:15
Trichloroethene	2.82		1.00	µg/L	1	02/06/09 21:15
Vinyl chloride	25.2		2.00	µg/L	1	02/06/09 21:15
Surr: 1,2-Dichloroethane-d4	96		75-134	%REC	1	02/06/09 21:15
Surr: 4-Bromofluorobenzene	95		75-125	%REC	1	02/06/09 21:15
Surr: Toluene-d8	93		75-125	%REC	1	02/06/09 21:15

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Value exceeds the instrument calibration range
- J Analyte detected below the PQL.
- P Prim./Conf. column %D or RPD exceeds limit

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Practical Quantitation Limit (PQL)
- S Spike Recovery outside accepted recovery limits



Life Science Laboratories, Inc.

5000 Brittonfield Parkway, Suite 200
East Syracuse, NY 13057 (315) 437-0200

Analytical Results

StateCertNo: 10155

CLIENT: O'Brien & Gere Inc. of North America
Project: PAS Oswego-Pump & Treat
W Order: 0902017
Matrix: WATER
Inst. ID: MS03 10 **Sample Size:** 10 mL
ColumnID: Rtx-VMS **%Moisture:**
Revision: 02/10/09 14:23 **TestCode** 624W
Col Type:

Lab ID: 0902017-001EDL
Client Sample ID: After Bag Filter
Collection Date: 02/04/09 10:20
Date Received: 02/04/09 12:35
PrepDate:
BatchNo: R16376
FileID: I-DL-J8592.D

Analyte	Result	Qual	PQL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS				EPA 624		
Benzene	256		20.0	µg/L	20	02/09/09 23:45
cis-1,2-Dichloroethene	57.8		20.0	µg/L	20	02/09/09 23:45
Methylene chloride	ND		20.0	µg/L	20	02/09/09 23:45
Toluene	94.4		20.0	µg/L	20	02/09/09 23:45
trans-1,2-Dichloroethene	ND		20.0	µg/L	20	02/09/09 23:45
Trichloroethene	ND		20.0	µg/L	20	02/09/09 23:45
Vinyl chloride	ND		40.0	µg/L	20	02/09/09 23:45
Surr: 1,2-Dichloroethane-d4	94		75-134	%REC	20	02/09/09 23:45
Surr: 4-Bromofluorobenzene	103		75-125	%REC	20	02/09/09 23:45
Surr: Toluene-d8	101		75-125	%REC	20	02/09/09 23:45

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Value exceeds the instrument calibration range
- J Analyte detected below the PQL
- P Print./Conf. column %D or RPD exceeds limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Practical Quantitation Limit (PQL)
- S Spike Recovery outside accepted recovery limits



Life Science Laboratories, Inc.

5000 Brittonfield Parkway, Suite 200
East Syracuse, NY 13057 (315) 437-0200

Analytical Results

StateCertNo: 10155

CLIENT: O'Brien & Gere Inc. of North America
Project: PAS Oswego-Pump & Treat
W Order: 0902017
Matrix: WATER Q
Inst. ID: MS03 10 **Sample Size:** 10 mL
ColumnID: Rtx-VMS **%Moisture:**
Revision: 02/10/09 11:28 **TestCode** 624W
Col Type:

Lab ID: 0902017-002A
Client Sample ID: QC Trip Blanks
Collection Date: 02/04/09 10:20
Date Received: 02/04/09 12:35
PrepDate:
BatchNo: R16364
FileID: I-SAMP-J8565.D

Analyte	Result	Qual	PQL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS			EPA 624			
Benzene	ND		1.00	µg/L	1	02/06/09 21:46
cis-1,2-Dichloroethene	ND		1.00	µg/L	1	02/06/09 21:46
Methylene chloride	ND		1.00	µg/L	1	02/06/09 21:46
Toluene	ND		1.00	µg/L	1	02/06/09 21:46
trans-1,2-Dichloroethene	ND		1.00	µg/L	1	02/06/09 21:46
Trichloroethene	ND		1.00	µg/L	1	02/06/09 21:46
Vinyl chloride	ND		2.00	µg/L	1	02/06/09 21:46
Surr: 1,2-Dichloroethane-d4	101		75-134	%REC	1	02/06/09 21:46
Surr: 4-Bromofluorobenzene	101		75-125	%REC	1	02/06/09 21:46
Surr: Toluene-d8	98		75-125	%REC	1	02/06/09 21:46

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Value exceeds the instrument calibration range
- J Analyte detected below the PQL
- P Prim./Conf. column %D or RPD exceeds limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Practical Quantitation Limit (PQL)
- S Spike Recovery outside accepted recovery limits



Life Science Laboratories, Inc.

5000 Brittonfield Parkway, Suite 200
East Syracuse, NY 13057 (315) 437-0200

Analytical Results

StateCertNo: 10155

CLIENT: O'Brien & Gere Inc. of North America
Project: PAS Oswego-Pump & Treat
W Order: 0902017
Matrix: WATER
Inst. ID: ICAP 61E **Sample Size:** 50 mL
ColumnID: **%Moisture:**
Revision: 02/11/09 10:52 **TestCode** 200.2W_200.7
Col Type:

Lab ID: 0902017-001D
Client Sample ID: After Bag Filter
Collection Date: 02/04/09 10:20
Date Received: 02/04/09 12:35
PrepDate: 02/04/09 0:00
BatchNo: 8899/R16351
FileID: 1-SAMP-99882

Analyte	Result	Qual	PQL	Units	DF	Date Analyzed
TOTAL METALS BY ICP				EPA 200.7		(E200.2)
Arsenic	0.016		0.010	mg/L	1	02/06/09 11:57
Barium	ND		0.10	mg/L	1	02/06/09 11:57
Chromium	0.013		0.010	mg/L	1	02/06/09 11:57
Copper	ND		0.010	mg/L	1	02/06/09 11:57
Iron	1.4		0.050	mg/L	1	02/06/09 11:57
Lead	ND		0.010	mg/L	1	02/06/09 11:57
Nickel	0.56		0.050	mg/L	1	02/06/09 11:57
Zinc	0.071		0.020	mg/L	1	02/06/09 11:57

Qualifiers:

- Value exceeds Maximum Contaminant Level
- E Value exceeds the instrument calibration range
- J Analyte detected below the PQL
- P Prim./Conf. column %D or RPD exceeds limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Practical Quantitation Limit (PQL)
- S Spike Recovery outside accepted recovery limits



Life Science Laboratories, Inc.
 5000 Brittonfield Parkway, Suite 200
 East Syracuse, NY 13057 (315) 437-0200

Analytical Results

StateCertNo: 10155

CLIENT: O'Brien & Gere Inc. of North America
Project: PAS Oswego-Pump & Treat
W Order: 0902017
Matrix: WATER

Lab ID: 0902017-001A
Client Sample ID: *After Bag Filter*
Collection Date: 02/04/09 10:20
Date Received: 02/04/09 12:35

Analyte	Result	Qual	PQL Units	DF	Date Analyzed
BIOCHEMICAL OXYGEN DEMAND (BOD5)			SM 18-20 5210 B		
Biochemical oxygen demand (BOD5)	15		5.0 mg/L	1	02/06/09 9:21
RESIDUE-FILTERABLE (TDS)			SM 18-20 2540 C		
Residue-filterable (TDS)	1600		10 mg/L	1	02/04/09 15:30
RESIDUE-NON-FILTERABLE (TSS)			SM 18-20 2540 D		
Residue-non-filterable (TSS)	6.5		5.0 mg/L	1	02/04/09 14:00

- Qualifiers:**
- * Value exceeds Maximum Contaminant Level
 - E Value exceeds the instrument calibration range
 - J Analyte detected below the PQL
 - P Prim./Conf. column %D or RPD exceeds limit
 - B Analyte detected in the associated Method Blank
 - H Holding times for preparation or analysis exceeded
 - ND Not Detected at the Practical Quantitation Limit (PQL)
 - S Spike Recovery outside accepted recovery limits



Life Science Laboratories, Inc.
 5000 Brittonfield Parkway, Suite 200
 East Syracuse, NY 13057 (315) 437-0200

Analytical Results

StateCertNo: 10155

CLIENT: O'Brien & Gere Inc. of North America
Project: PAS Oswego-Pump & Treat
W Order: 0902017
Matrix: WATER

Lab ID: 0902017-001B
Client Sample ID: After Bag Filter
Collection Date: 02/04/09 10:20
Date Received: 02/04/09 12:35

Analyte	Result	Qual	PQL Units	DF	Date Analyzed
KJELDAHL NITROGEN - TOTAL (AS N)			EPA 351.2		(E351.2)
Kjeldahl Nitrogen - Total (as N)	43		4.0 mg/L	20	02/17/09 14:44
PHOSPHORUS, TOTAL (AS P)			EPA 365.4		(E365.4)
Phosphorus, Total (As P)	0.10		0.10 mg/L	1	02/16/09 9:54

- Qualifiers:
- Value exceeds Maximum Contaminant Level
 - E Value exceeds the instrument calibration range
 - J Analyte detected below the PQL
 - P Prim./Conf. column %D or RPD exceeds limit
 - B Analyte detected in the associated Method Blank
 - H Holding times for preparation or analysis exceeded
 - ND Not Detected at the Practical Quantitation Limit (PQL)
 - S Spike Recovery outside accepted recovery limits



Life Science Laboratories, Inc.
 5000 Brittonfield Parkway, Suite 200
 East Syracuse, NY 13057 (315) 437-0200

Analytical Results

StateCertNo: 10155

CLIENT: O'Brien & Gere Inc. of North America
 Project: PAS Oswego-Pump & Treat
 W Order: 0902017
 Matrix: WATER

Lab ID: 0902017-001C
 Client Sample ID: *After Bag Filter*
 Collection Date: 02/04/09 10:20
 Date Received: 02/04/09 12:35

Analyte	Result	Qual	PQL Units	DF	Date Analyzed
PHENOLICS, TOTAL RECOVERABLE			EPA 420.1	(E420.1)	
Phenolics, Total Recoverable	0.11		0.050 mg/L	10	02/13/09 15:15

Qualifiers: * Value exceeds Maximum Contaminant Level
 E Value exceeds the instrument calibration range
 J Analyte detected below the PQL
 P Prim./Conf. column %D or RPD exceeds limit
 B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 ND Not Detected at the Practical Quantitation Limit (PQL)
 S Spike Recovery outside accepted recovery limits

QUARTERLY PROGRESS REPORT 2nd QUARTER 2009
Operation, Maintenance and Long-term Monitoring Activities

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

PERIOD COVERED: April – June (2nd Quarter)

ACTIONS TAKEN DURING PREVIOUS QUARTER:

- 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 58,647 gallons of leachate were removed during the period of April 2009 through June 2009. 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”. OP-TECH Environmental Services provided the transportation of the sites wastewater, which was arranged by O’Brien & Gere Operations (O’Brien & Gere). Leachate was disposed at the City of Auburn, New York Wastewater Treatment Facility.
- The semi-annual ground water sampling was last conducted on May 4, 2009. And in response to EPA comments received on March 30, 2009, additional ground-water monitoring was performed at bedrock monitoring wells M-22 and M-23 during the semi-annual monitoring event. The results of the additional groundwater monitoring indicates that groundwater concentrations of constituents of concern in M-22 and M-23 were all non-detect, except for 1,1-DCA which was barely above detection. Additional groundwater monitoring results in May 2009 were very similar to additional monitoring results at M-22 and M-23 reported in 2005 and 2006.
- Routine ground water elevation monitoring was performed on April 6, May 4, and June 1, 2009 for wells SWW-1 through SWW-12, and LCW-1 through LCW- 4.
- On May 4, 2009, quarterly ground water elevation monitoring was performed. Quarterly ground-water elevation results for the M-series wells M-21 through M-23, LR-series wells LR-2, -3, -6, -8, along with OS-1, OS-3, OI-1, OD-3, LD-3, LD-4, LD-5, LD-6, LD-8, and LS-6 were recorded.

- Site maintenance activities were conducted on April 24, May 24, and June 25, 2009. The maintenance activities included the visual inspection of the sites earthen land cap, and French drainage system, inspection of the sites perimeter security fence, which included the removal of shallow rooted vegetation, exterior inspection of the sites leachate holding tank, and protective weather cover, well pumping control power panels, external monitoring well inspection, and the inspection of the sites equipment storage shed that houses the spill control materials, bag filter unit, refuse can, and building fire bottle. These maintenance activities were performed in accordance with the approved Work Plan.
- During this reporting period, an O'Brien & Gere Field Technician applied sodium hydroxide in pellet form, and powdered hydrated lime into the leachate held within the holding tank prior to well pumping. The additives were mixed by means of the leachate flow being pumped into the holding tank. The chemical additions aid in the substantial removal of soluble iron from the leachate, to conform with City of Auburn Wastewater Treatment Facility requirements. Leachate was pumped into OP-TECH Environmental Services transportation vehicles. One 3000-gallon capacity vactor truck and 9000-gallon capacity transport tanker(s) were used for the transportation of the leachate. Additional leachate removal was performed during this quarter and therefore additional leachate transport tankers were scheduled. During the months of April, May and June, a second transport tanker (total of two transport tankers) was used to transport additional leachate removed during that month. The leachate was pumped from the holding tank into each transport vehicle through an inline bag filter system provided by O'Brien & Gere, for iron removal.
- Additional leachate testing was conducted as required by the City of Auburn Wastewater Treatment Facility (see Table 2 – Additional Leachate Sampling).
- The Institutional Control Implementation Plan (ICIP) includes requirements included in EPA's August 2006 approval of the Remedial Action Completion Report, including annual inspection. As such, the Site, and the adjacent Industrial Precision Products Property, has been inspected and it was determined that no intrusive activities have occurred. In addition, it requires building and property records were reviewed and it was determined that no filings have been made indicated that such activities have occurred. The ICIP provides that the findings of the inspection and record review be prepared, along with a certification confirming that operation and maintenance activities continue, and be included in the OM&M progress report submitted to EPA in July of each year (see Attachment D-7).
- Received EPA's March 30, 2009 comments electronically on the July 2008 Annual Progress Report. Responses to the March 30 EPA comments were submitted electronically to EPA on June 12, 2009. The June 12 responses included a request to meet with EPA to discuss EPA's comments, as well as the results of recent leachate removal and site monitoring activities.

RESULTS OF FIELD ACTIVITIES:

- Ground water elevation monitoring data collected on April 6, May 4, and June 1, 2009 are attached (see Attachment D-1).
- The routine leachate disposal and site inspection checklists are attached (see Attachment D-2).
- Semi-annual leachate and ground-water monitoring results are attached (see Attachment D-5).
- Additional leachate sampling data are attached (see Attachment D-6).

DOCUMENTATION OF REMOVAL ACTIVITIES DURING PREVIOUS QUARTER:

- Non-hazardous waste manifests (see Attachment D-3).
- Waste Treatment/Disposal Verifications (see Attachment D-4).

APRIL 8, 2009

Manifest #	Amount (gal)	Date Removed
OPT0020	8300	4/08/2009
OPT0021	3000	4/08/2009
OPT0022	8300	4/08/2009

April 8, 2009 Total = 19,600 gallons

April 2009 Total = 19,600 gallons

MAY 6, 2009

Manifest #	Amount (gal)	Date Removed
OPT0023	8500	05/06/2009
OPT0024	3047	05/06/2009
OPT0025	8500	05/06/2009

May 6, 2009 Total = 20,047 gallons

May 2009 Total = 20,047 gallons

JUNE 3, 2009

Manifest #	Amount (gal)	Date Removed
OPT0026	3000	06/03/2009
OPT0027	8000	06/03/2009
OPT0028	8000	06/03/2009

June 3, 2009 Total = 19,000 gallons

June 2009 Total = 19,000 gallons

• **CUMULATIVE REMOVAL QUANTITIES**

Cumulative gallons removed during 2nd quarter 2009

Under OMM Plan – January through March 2009

58,647

HISTORICAL SUMMARY OF LEACHATE REMOVAL ACTIVITIES

Order/Decree	Disposal Facility/Period	Quantities
1991 IGR Order (2/92 - 10/94)	Dupont:	
	1992 (2/98 -12/98)	221,808
	1993	337,619
	<u>1994 (1/94-10/94)</u>	<u>254,898</u>
	<i>Subtotal</i>	814,325
1994 IGR Order (10/94 - 10/98)	DuPont:	
	1994 (From 10/94)	50,683
	1995	279,164
	1996 (To 5/96)	<u>119,901</u>
	<i>Subtotal (To 5/96)</i>	449,748
	BFI/CECOS:	
	1996	163,446
	1997	269,371
	<u>1998 (1/98-10/98)</u>	<u>207,541</u>
	<i>Subtotal</i>	640,358
	94 IGR Order Total	1,090,106
Final IGR Total		1,904,431
OMM Consent Decree (Beginning 11/98)	BFI/CECOS:	
	1998 (11/98-12/98)	18,423
	1999	177,710
	2000	196,613
	2001	130,212
	2002	118,592
	2003	120,583
	2004	123,423
	2005	<u>10,472</u>
	<i>OMM Subtotal</i>	896,028
OMM Consent Decree (Beginning 3/05) (Beginning 7/08)	Clean Harbors	
	2005	110,194
	2006	117,750
	2007	97,133
	2008	54,420
	OP-TECH Environmental Services (Transportation to City of Auburn NY, POTW)	
	2008	62,865
	2009	110,156
	<i>OMM Subtotal</i>	493,871.00
OMM Consent Decree (Subtotal thru 03/31/09)		
GRAND TOTAL		3,352,977

ATTACHMENT D-1

GROUND-WATER ELEVATION DATA

Pre-Pumping Monitoring Well Levels

May 4, 2009
9:30 AM

Well Number	Ground		Riser		May			Within Range?			Ground-Water	
	Elevation	Elevation	Reading 1	Reading 2	Reading 3	Average	Low	High	Y / N	Elevation	Elevation	
SWW1	286.20	289.33	9.30	9.30	9.30	9.22	8.78	10.00	Yes	280.03	280.03	
SWW2	286.30	289.37	14.92	14.92	14.92	15.05	14.91	15.26	Yes	274.45	274.45	
SWW3	286.00	286.50	16.60	16.60	16.60	16.58	16.35	16.82	Yes	269.90	269.90	
SWW4	282.90	283.60	14.72	14.72	14.72	14.82	13.60	15.94	Yes	268.88	268.88	
SWW5	275.90	277.02	12.42	12.42	12.42	12.64	11.74	13.28	Yes	264.60	264.60	
SWW6	270.90	273.06	8.37	8.37	8.37	8.71	8.22	9.21	Yes	264.69	264.69	
SWW7	273.30	277.93	7.42	7.42	7.42	7.60	7.20	7.90	Yes	270.51	270.51	
SWW8	275.70	278.24	3.84	3.84	3.84	4.15	3.88	4.54	No	274.40	274.40	
SWW9	283.30	285.55	16.13	16.13	16.13	16.33	15.92	16.82	Yes	269.42	269.42	
SWW10	279.30	280.43	11.10	11.10	11.10	11.24	9.48	12.62	Yes	269.33	269.33	
SWW11	271.00	273.50	8.14	8.14	8.14	8.49	7.50	9.17	Yes	265.36	265.36	
SWW12	270.20	272.82	8.43	8.43	8.43	8.78	8.48	9.23	No	264.39	264.39	
LCW-1	271.40	272.21	7.56	7.56	7.56	7.30	8.38	10.71	No	264.65	264.65	
LCW-2	272.60	274.44	9.82	9.82	9.82	9.55	10.61	12.96	No	264.62	264.62	
LCW-3	283.30	284.36	17.38	17.38	17.38	17.72	18.09	19.34	No	266.98	266.98	
LCW-4	283.80	285.70	17.90	17.90	17.90	17.63	18.00	19.95	No	267.80	267.80	
OS-1	269.63	272.10	8.60	8.60	8.60	8.24			No	263.50	263.50	
OI-1	269.14	272.00	11.02	11.02	11.02	11.04			No	260.98	260.98	
OS-3	274.63	277.89	14.40	14.40	14.40	14.18			No	263.49	263.49	
OD-3	274.96	277.85	14.26	14.26	14.26	14.02			No	263.59	263.59	
LD-3	275.80	278.62	4.21	4.21	4.21	4.25			No	274.41	274.41	
LD-4	276.30	279.25	10.72	10.72	10.72	10.61			No	268.53	268.53	
LD-5	270.02	272.94	8.69	8.69	8.69	8.71			No	264.25	264.25	
LS-6	271.40	274.14	9.80	9.80	9.80	9.68			No	264.34	264.34	
LD-6	270.09	274.03	9.90	9.90	9.90	9.81			No	264.13	264.13	
LD-8	269.90	272.83	7.19	7.19	7.19	7.12			No	265.64	265.64	
LR-2	287.50	289.85	13.36	13.36	13.36	13.28			No	276.49	276.49	
LR-3	275.50	278.06	7.88	7.88	7.88	7.89			No	270.18	270.18	
LR-6	270.90	274.39	10.16	10.16	10.16	10.11			No	264.23	264.23	
LR-8	270.00	273.42	9.81	9.81	9.81	9.83			No	263.61	263.61	
M-21	270.28	272.32	9.50	9.50	9.50	9.51			No	262.82	262.82	
M-22	270.40	273.88	10.12	10.12	10.12	10.07			No	263.76	263.76	
M-23	267.98	270.49	12.45	12.45	12.45	12.40			No	258.04	258.04	

ATTACHMENT D-2

SITE INSPECTION CHECKLIST AND LEACHATE DISPOSAL



O'BRIEN & GERE

PAS Oswego
Oswego, NY

Site Inspection Checklist

Date 4-6-09

Time 10:00

Field Technician MARTIN Koennecke Weather RAIN & WIND 40°

Site Feature	Check ✓	Condition / Maintenance Performed
Cap		
Burrowing Animals	✓	NONE VISIBLE
Cap vegetation	✓	OK
Concrete drainage trough	✓	OK
French drain	✓	OK
Weeds	✓	NA
Leachate Collection System / Building		
Pumps	✓	RESPONDING
Pump controls / alarms	✓	NA.
Tank level	✓	5"
Monitoring Wells		
Locks	✓	OK
Riser	✓	OK
Surface completion	✓	NA
General Site Condition		
Foliage	✓	GOOD
Perimeter fence	✓	OK NEEDS REPAIRS ALONG NORTH SIDE
Site access driveway	✓	OK
Stream gauges	✓	NA
Other Items		
Equipment storage shed	✓	OK
Fire extinguishers	✓	OK
Spill control material	✓	STOCKED
PPE	✓	STOCKED

Remarks (use separate sheet is required)

MONTHLY well Levels Pumping Leachate To
TANK, pumps LCW-1, LCW-2, LCW-4 & PRE TREAT
FOR PUMP OUT



O'BRIEN & GERE

PAS Oswego
Oswego, NY

Site Inspection Checklist

Date 4-24-09

Time 9:00 am

Field Technician MARTIN KOENIGKE Weather SUNNY 50°

Site Feature	Check ✓	Condition / Maintenance Performed
Cap		
Burrowing Animals	✓	NONE VISIBLE
Cap vegetation	✓	GOOD
Concrete drainage trough	✓	OK
French drain	✓	OK
Weeds	✓	NA
Leachate Collection System / Building		
Pumps	✓	RESPONDING
Pump controls / alarms	✓	NA
Tank level	✓	7"
Monitoring Wells		
Locks	✓	OK
Riser	✓	OK
Surface completion	✓	NA
General Site Condition		
Foliage	✓	GOOD
Perimeter fence	✓	WORKING ON BRUSH
Site access driveway	✓	OK
Stream gauges	✓	NA
Other Items		
Equipment storage shed	✓	GOOD
Fire extinguishers	✓	OK
Spill control material	✓	STOCKED
PPE	✓	STOCKED

Remarks (use separate sheet is required)

2ND MONTHLY CHECK
WORKED ON BRUSH ALONG FENCE



O'BRIEN & GERE

PAS Oswego
Oswego, NY

Site Inspection Checklist

Date 5-4-09

Time 9:30

Field Technician Martin Koenneke Weather Sunny 50°

Site Feature	Check ✓	Condition / Maintenance Performed
Cap		
Burrowing Animals	✓	NONE VISIBLE
Cap vegetation	✓	good
Concrete drainage trough	✓	OK
French drain	✓	OK
Weeds	✓	NA
Leachate Collection System / Building		
Pumps	✓	OK
Pump controls / alarms	✓	NA
Tank level	✓	START 7" END 48.5"
Monitoring Wells		
Locks	✓	OK
Riser	✓	OK
Surface completion	✓	NA
General Site Condition		
Foliage	✓	GOOD
Perimeter fence	✓	NEED SOME MAINT.
Site access driveway	✓	OK
Stream gauges	✓	NA
Other Items		
Equipment storage shed	✓	GOOD
Fire extinguishers	✓	OK
Spill control material	✓	OK STOCKED
PPE	✓	OK STOCKED

Remarks (use separate sheet is required)

Quarterly well levels

Pumped LCW 1, 2, 4 checked PH, FE, Treated for PH Adj.



O'BRIEN & GERE

PAS Oswego
Oswego, NY

Site Inspection Checklist

Date 5-21-09

Time 1:00

Field Technician Maria Koenig

Weather Sunny 65

Site Feature	Check ✓	Condition / Maintenance Performed
Cap		
Burrowing Animals	✓	NONE USABLE
Cap vegetation	✓	GOOD
Concrete drainage trough	✓	OK
French drain	✓	OK
Weeds	✓	NA
Leachate Collection System / Building		
Pumps	✓	RESPONDING
Pump controls / alarms	✓	NA.
Tank level	✓	4.5"
Monitoring Wells		
Locks	✓	OK
Riser	✓	OK
Surface completion	✓	NA.
General Site Condition		
Foliage	✓	GOOD
Perimeter fence	✓	OK
Site access driveway	✓	OK
Stream gauges	✓	NA.
Other Items		
Equipment storage shed	✓	GOOD
Fire extinguishers	✓	CHARGE OUT EXTINGUISHERS WITH CURRENT INSPECTION
Spill control material	✓	STACKED
PPE	✓	STACKED

Remarks (use separate sheet is required)

TRIMMED AROUND FRONT OF TANK & SHED
COLLECTED DRIVEWAY MARKERS FOR SNOW PLOWING
STACKED IN SHED



O'BRIEN & GERE

**PAS Oswego
Oswego, NY**

Site Inspection Checklist

Date 6-1-09

Time 10:00

Field Technician MARTIN KOENNECKE Weather OVERCAST 55°

Site Feature	Check ✓	Condition / Maintenance Performed
Cap		
Burrowing Animals	✓	NONE VISIBLE
Cap vegetation	✓	GOOD
Concrete drainage trough	✓	OK
French drain	✓	OK
Weeds	✓	NA
Leachate Collection System / Building		
Pumps	✓	RESPONDING
Pump controls / alarms	✓	NA
Tank level	✓	6.5"
Monitoring Wells		
Locks	✓	OK
Riser	✓	OK
Surface completion	✓	NA
General Site Condition		
Foliage	✓	GOOD
Perimeter fence	✓	OK
Site access driveway	✓	OK
Stream gauges	✓	NA
Other Items		
Equipment storage shed	✓	OK
Fire extinguishers	✓	OK
Spill control material	✓	STOCKED
PPE	✓	STOCKED

Remarks (use separate sheet is required)

Picked up 4-50lb BAGS CAUSTIC BEADS
MONTHLY well levels
Pump + TREAT Leachate for WENPHYS Pump out



O'BRIEN & GERE

**PAS Oswego
Oswego, NY**

Site Inspection Checklist

Date 6-26-09

Time 9:30

Field Technician MARTIN KOENNERKES Weather Sunny

Site Feature	Check ↓	Condition / Maintenance Performed
Cap		
Burrowing Animals	✓	NONE VISIBLE
Cap vegetation	✓	GOOD
Concrete drainage trough	✓	BRUSHAGED ALONG TROUGH TO CLEAR WEEDS
French drain	✓	OK
Weeds	✓	NA
Leachate Collection System / Building		
Pumps	✓	Responding
Pump controls / alarms	✓	N.A.
Tank level	✓	7"
Monitoring Wells		
Locks	✓	OK
Riser	✓	OK
Surface completion	✓	NA.
General Site Condition		
Foliage	✓	GOOD
Perimeter fence	✓	BRUSHAGED ALONG ROAD AND WEST SIDE INSIDE + OUT
Site access driveway	✓	OK
Stream gauges	✓	NA
Other Items		
Equipment storage shed	✓	GOOD
Fire extinguishers	✓	OK
Spill control material	✓	STOCKED
PPE	✓	STOCKED

Remarks (use separate sheet is required)

WORKED ON CUTTING BACK VEGETATION AROUND FENCE
CONCRETE TROUGH, WELLS, TANK AND SHED



O'BRIEN & GERE

PAS Site
Oswego, New York

Leachate Disposal Checklist

Field Technician: MARTIN KOENIGCKE Time on-site: 10:00

Transportation Subcontractor: NA

Leachate Destination: NIH

Date: 4-6-09

Well	Leachate Collection Well Pumping		Well Pumping Flow Rate Analyses		Flow Rate Calculation
	Start Time	Stop Time	Time	Tank Elev. (Down)	
LCW-1	1130	12:50			43" = 13115 gpd
LCW-2	1130	12:50			13115 ÷ 80 min = 166.6 gpm
LCW-3	NOT	PUMPED			
LCW-4	1130	12:50			

Leachate Holding Tank Height:

Start 5" | 1 | PH = 6.8 | HACH FE = 10.0

Stop 48" | 1 | TREATED Leachate with 0.5 lbs Lime &

End 1 | 50 lbs CAUSTIC BEADS

Initial Flow Meter Reading: PH = 8.1 | HACH FE = 3.5 mg/L

Final Flow Meter Reading:

Load	(Pre-Loading) Tanker		(Post-Loading) Tanker		Destination	Gallons
	Time Start	Confirmed Clean	Time Stop	Tanker Volume (by Stick Mass)	Manifest(s) Numbers	
Load #1						
Load #2						
Load #3						
Load #4						



O'BRIEN & GERE

PAS Site Oswego, New York

Leachate Disposal Checklist

Field Technician: MARTIN KOENNAKE Time on-site: 630

Transportation Subcontractor: OPTTECH ENVIRONMENTAL INC

Leachate Destination: CITY OF AUBURN

Date: 4-8-09

Well	Leachate Collection Well Pumping		Well Pumping Flow Rate Analyses		Flow Rate Calculation
	Start Time	Stop Time	Time	Tank Elev. (Down)	
LCW-1	8:40	9:20			22.5" x 30.5 gal / 40 min = 171 GPM
LCW-2	8:40	9:20			
LCW-3	NOT PUMPED				
LCW-4	8:40	9:20			22.5" x 30.5 gal / 40 min = 171 GPM

Leachate Holding Tank Height:

LOADING #1 Start 48" | 8.2-PH, FE 3.3 HACH KIT Leachate #1 + 2"
 LUMP #2 Stop 21" |
 End 11.5" pumped to 34"

Initial Flow Meter Reading: Pumped to 34" PH-6.9 FE-10.0 ADDED 25 lbs CAUSTIC

Final Flow Meter Reading: PH-8.1, FE 3.0 HACHKIT

TANK LEVEL AFTER PUMP OUT - 7"

Load	(Pre-Loading) Tanker		(Post-Loading) Tanker		Destination	Gallons
	Time Start	Confirmed Clean	Time Stop	Tanker Volume (by Stick Mass)	Manifest(s) Numbers	
Load #1	7:00	yes	7:50	50.5"	CPT-022	8300 gal
Load #2	8:10	yes	8:35	65"	CPT-021	3000 gal
Load #3	11:15	yes	12:10	50.5"	CPT-020	8300 gal
Load #4						

Leachate TOTAL ~~17000~~

19,600 gal



O'BRIEN & GERE

**PAS Site
Oswego, New York**

Leachate Disposal Checklist

Field Technician: MARTIN KOENNEKE Time on-site: 9:30
 Transportation Subcontractor: NA
 Leachate Destination: NA
 Date: 5-4-09

Well	Leachate Collection Well Pumping		Well Pumping Flow Rate Analyses		Flow Rate Calculation
	Start Time	Stop Time	Time	Tank Elev. (Down)	
LCW-1	1130	1245			
LCW-2	1130	1245			
LCW-3	NOT PUMPED				
LCW-4	1130	1245			
Leachate Holding Tank Height:					
Start <u>7"</u>					
Stop <u>48 1/2"</u> <u>PH - 6.8</u> <u>FE - 9.0</u> <u>ADDED 50lbs Caustic Beans</u> ^{1/2 Pounds time}					
End <u>PH - 8.0</u> <u>FE - 3.0</u>					
Initial Flow Meter Reading:					
Final Flow Meter Reading:					

Load	(Pre-Loading) Tanker		(Post-Loading) Tanker		Destination	Gallons
	Time Start	Confirmed Clean	Time Stop	Tanker Volume (by Stick Mass)	Manifest(s) Numbers	
Load #1						
Load #2						
Load #3						
Load #4						



O'BRIEN & GERE

PAS Site
Oswego, New York

Leachate Disposal Checklist

Field Technician: MARTIN KOENNECKE Time on-site: 7:00 am

Transportation Subcontractor: OP-TECH ENVIRONMENTAL SERVICES INC

Leachate Destination: AUBURN WATER POLLUTION CONTROL PLANT

Date: 5-6-09

Well	Leachate Collection Well Pumping		Well Pumping Flow Rate Analyses		Flow Rate Calculation
	Start Time	Stop Time	Time	Tank Elev. (Down)	
LCW-1	9:25	10:05		10.5" START	
LCW-2	9:25	10:05		33.5" STOP	ADDED 25 ^{lb} CAUSTIC & 2 LITERS
LCW-3	NOT PUMPED				PH-6.9 FE-10 mg/l
LCW-4	9:25	10:05			PH-7.8 FE-3.0 mg/L
Leachate Holding Tank Height:					
Start <u>48.5"</u> PH-7.9 FE 2.8 - Load #1 & 2 - TANK #105"					
Stop <u>33.5"</u> PH-7.8, FE 3.0 mg					
End <u>6.5" AFTER PUMP OUT</u>					
Initial Flow Meter Reading:					
Final Flow Meter Reading:					

Load	(Pre-Loading) Tanker		(Post-Loading) Tanker		Destination	Gallons
	Time Start	Confirmed Clean	Time Stop	Tanker Volume (by Stick Mass)	Manifest(s) Numbers	
Load #1	7:30	Yes	8:20	51 3/4"	OPT-023	8,500
Load #2	8:50	Yes	9:15	64"	OPT-024	3,047
Load #3	11:40	Yes	12:50	51 3/4"	OPT-025	8,500
Load #4						

QUARTERLY SAMPLES TAKEN POST .5 MIC BAG FILTER



O'BRIEN & GERE

PAS Site Oswego, New York

Leachate Disposal Checklist

Field Technician: MARTIN KOENNECKE Time on-site: 10:00
 Transportation Subcontractor: NA
 Leachate Destination: NA
 Date: 6-1-09

Well	Leachate Collection Well Pumping		Well Pumping Flow Rate Analyses		Flow Rate Calculation
	Start Time	Stop Time	Time	Tank Elev. (Down)	
LCW-1	11:30	12:55			
LCW-2	11:30	12:55			
LCW-3	NOT PUMPED				
LCW-4	11:30	12:55			
Leachate Holding Tank Height: <u>PH - 6.75 FE - 20 +</u>					
Start <u>6.5"</u> <u>1 ADDED 50 lbs CAUSTIC + 1/2 Power, LIME</u>					
Stop <u>AT 40" PH 7.9 ADDED 25 POUNDS CAUSTIC FILLED TANK TO 48.5"</u>					
End <u>48.5"</u> <u>1 PH - 8.7 FE - 4.4 - HIGH KIT</u>					
Initial Flow Meter Reading:					
Final Flow Meter Reading:					

Load	(Pre-Loading) Tanker		(Post-Loading) Tanker		Destination	Gallons
	Time Start	Confirmed Clean	Time Stop	Tanker Volume (by Stick Mass)	Manifest(s) Numbers	
Load #1						
Load #2						
Load #3						
Load #4						



O'BRIEN & GERE

PAS Site Oswego, New York

Leachate Disposal Checklist

Field Technician: MARTIN KOENNECKE Time on-site: 6:45
 Transportation Subcontractor: OPTech Environmental Services
 Leachate Destination: AUBURN WATER POLLUTION CONTROL PLANT
 Date: 6-3-09

Well	Leachate Collection Well Pumping		Well Pumping Flow Rate Analyses		Flow Rate Calculation
	Start Time	Stop Time	Time	Tank Elev. (Down)	
LCW-1	8:45	9:15			
LCW-2	8:45	9:15			
LCW-3	NOT PUMPED				
LCW-4	8:45	9:15			
Leachate Holding Tank Height:					
Start <u>48.5"</u> - PH- <u>8.4</u> FE - <u>1.6</u> - HACH KIT					
After 2 Loads, Stop <u>13</u> START - <u>13</u>					
End <u>EMD - 33"</u> - PH+ <u>7.0</u> HACH FE ACT ADDED 25 POUNDS CHEMICAL 25 LITERS PH- <u>8.5</u> FE - <u>3.0</u>					
Initial Flow Meter Reading: <u>EMD - 7"</u>					
Final Flow Meter Reading:					

Load	(Pre-Loading) Tanker		(Post-Loading) Tanker		Destination Manifest(s) Numbers	Gallons
	Time Start	Confirmed Clean	Time Stop	Tanker Volume (by Stick Mass)		
Load #1	7:30	Yes	8:20	48 3/4"	OPT-027	8,000
Load #2	8:20	Yes	8:40	64.5"	OPT-026	3,000
Load #3	11:25	Yes	12:35	48 3/4"	OPT-028	8,000
Load #4						

ATTACHMENT D-3

NON-HAZARDOUS WASTE MANIFESTS

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on 11lb (12 pick) typewriter)

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. NYD0000511859	Manifest Document No. OFT-021	2. Page 1 of 1
3. Generator's Name and Mailing Address FAS Participating Parties C/O O'Brien & Gere Operations 5000 Brittonfield Pkwy, E Syracuse, NY 13057 Generator's Phone: 315-437-5100 - Mrs. Karin Stone		55 Seneca Street Oswego, NY 13128		
5. Transporter 1 Company Name OP-TECH Environmental Services, Inc.	6. US EPA ID Number NYD888080753	A. State Transporter's ID 04160		
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter 1 Phone 315-433-1043		
9. Designated Facility Name and Site Address Auburn Water Pollution Control Plant 35 Bradley St. Auburn, NY 13021		10. US EPA ID Number	C. State Transporter's ID	
			D. Transporter 2 Phone	
			E. State Facility's ID	
			F. Facility's Phone 315-253-6511	
11. WASTE DESCRIPTION		12. Containers No. Type	13. Total Quantity	14. Unit Wt/Vol.
a. Non RCRA, Non DOT Regulated Liquids (Leachate Water)		1 T	Est. 5,000	G
b.				
c.				
d.				
G. Additional Descriptions for Materials Listed Above		H. Handling Codes for Wastes Listed Above		
a. 65"		a. T	c.	
		b.	d.	
15. Special Handling Instructions and Additional Information Emergency Response: OP-TECH Environmental Services, Inc. @ 1-800-225-6750 Job # SOBE00071				
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.				
Printed/Typed Name MARTIN KOENNECKE		Signature <i>Martin Koennecke</i>		Date Month Day Year 04 08 09
17. Transporter 1 Acknowledgment of Receipt of Materials				
Printed/Typed Name Michael Knorr		Signature <i>Michael Knorr</i>		Date Month Day Year 04 08 09
18. Transporter 2 Acknowledgment of Receipt of Materials				
Printed/Typed Name		Signature		Date Month Day Year
19. Discrepancy Indication Space				
20. Facility Owner or Operator; Certification of receipt of the waste materials covered by this manifest, except as noted in Item 19.				
Printed/Typed Name Tom Brown		Signature <i>Tom Brown</i>		Date Month Day Year 04 12 09

GENERATOR

NON-HAZARDOUS WASTE

TRANSPORTER

FACILITY

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on a 12 pin (12 pin) typewriter)

NON-HAZARDOUS WASTE GENERATOR FACILITY

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. NY D 0 0 0 5 1 1 8 5 9	Manifest Document No. OPT-020	2. Page 1 of 1
2. Generator's Name and Mailing Address PAS Participating Parties C/O O'Brien & Gere Operations 5000 Cortland Pkwy, E Syracuse, NY 13057 315-437-6190 Am. State			55 Seneca Street Oswego, NY 13128	
5. Transporter 1 Company Name OP-TECH Environmental Services, Inc.	6. US EPA ID Number NY D 0 8 8 9 8 0 7 5 3	A. State Transporter's ID OP-180		
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter 1 Phone 315-483-1843		
9. Designated Facility Name and Site Address Auburn Water Pollution Control Plant 35 Bradley St. Auburn, NY 13021		10. US EPA ID Number		
		E. State Facility's ID		
		F. Facility's Phone 315-253-6511		

11. WASTE DESCRIPTION	12. Containers		13. Total Quantity	14. Unit Wt./Vol.
	No.	Type		
a. Non RCRA, Non DOT Regulated Liquids (Leachate Water)	1	TT	Est. 8300 gal	G
b.				
c.				
d.				
G. Additional Descriptions for Materials Listed Above a. 50.5"		H. Handling Codes for Wastes Listed Above a. T b. c. d.		

15. Special Handling Instructions and Additional Information
**Emergency Response: OP-TECH Environmental Services, Inc. @ 1-800-225-6750
Job # SOBE00071**

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name MARTIN KOENNECKE	Signature <i>Martin Koennecke</i>	Date Month Day Year 4 8 09
17. Transporter 1 Acknowledgment of Receipt of Materials		
Printed/Typed Name RICHARD L GROVER JR	Signature <i>Richard L. Grover Jr.</i>	Date Month Day Year 4 8 09
18. Transporter 2 Acknowledgment of Receipt of Materials		
Printed/Typed Name	Signature	Date Month Day Year

19. Discrepancy Initiation Space

20. Facility Owner or Operator Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name Jim Deane	Signature <i>Jim Deane</i>	Date Month Day Year 7 18 09
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NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on file (12 citch) typewriter)

NON-HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No. NY D 0 0 0 5 1 1 8 5 9	Manifest Document No. OPT-022	2. Page 1 of 1
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3. Generator's Name and Mailing Address PAS Participating Parties C/O O'Brien & Gere Operations 5000 Briggsfield Pkwy, E Syracuse, NY 13057 315-437-6100 - Am. York State	66 Seneca Street Oswego, NY 13126
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5. Transporter 1 Company Name OP-TECH Environmental Services, Inc.	6. US EPA ID Number NY D 9 8 8 2 8 0 7 5 3	A. State Transporter's ID	B. Transporter 1 Phone 677-133
7. Transporter 2 Company Name	8. US EPA ID Number	C. State Transporter's ID 315-403-1643	D. Transporter 2 Phone

9. Designated Facility Name and Site Address Auburn Water Pollution Control Plant 35 Bradley St. Auburn, NY 13021	10. US EPA ID Number	E. State Facility's ID
		F. Facility's Phone 315-253-6511

11. WASTE DESCRIPTION	12. Containers		13. Total Quantity	14. Unit Wt./Vol.
	No.	Type		
a. Non RCRA, Non DOT Regulated Liquids (Leachate Water)	1	TT	Est. 8300 gal	G
b.				
c.				
d.				

g. Additional Descriptions for Materials Listed Above a. 50.5"	h. Handling Codes for Wastes Listed Above a. T b. c. d.
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15. Special Handling Instructions and Additional Information
**Emergency Response: OP-TECH Environmental Services, Inc. @ 1-800-225-6750
Job # SOBED0071**

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name AS Agent MARTIN KENNEDY	Signature <i>Martin Kennedy</i>	Date Month Day Year 4 8 09
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17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name RICHARD L. GROVER JR	Signature <i>Richard L. Grover Jr.</i>	Date Month Day Year 4 8 09
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18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name	Signature	Date Month Day Year
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19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19. Printed/Typed Name <i>Jim Brown</i>	Signature <i>Jim Brown</i>	Date Month Day Year 4 8 09
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NON-HAZARDOUS WASTE GENERATOR TRANSPORTER FACILITY

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on 24" (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. NYD0000511652		Manifest Document No. QFT-023	2. Page 1 of 1
3. Generator's Name and Mailing Address PAS Participating Parties C/O O'Brien & Gere Operations 5000 Stonyfield Pkwy, E Syracuse, NY 13057 315-437-6100				65 Seneca Street Oswego, NY 13126	
5. Transporter 1 Company Name OP-TECH Environmental Services, Inc.		US EPA ID Number NYD888990753		A. State Transporter's ID 6X-166	
7. Transporter 2 Company Name		8. US EPA ID Number		B. Transporter 1 Phone 315-433-1243	
9. Designated Facility Name and Site Address Auburn Water Pollution Control Plant 35 Bradley St. Auburn, NY 13021		10. US EPA ID Number		C. State Transporter's ID	
				D. Transporter 2 Phone	
				E. State Facility's ID	
				F. Facility's Phone 315-253-6511	
11. WASTE DESCRIPTION			12. Containers	13. Total Quantity	14. Unit Wt./Vol.
a. Non RCRA, Non DOT Regulated Liquids (Leachate Water)			No. 1	Type TT	Est. 8,500 G
b.					
c.					
d.					
G. Additional Descriptions for Materials Listed Above			H. Handling Codes for Wastes Listed Above		
a. STICK MEASUREMENT 51 3/4"			a. T		
			c.		
			b.		
			d.		
15. Special Handling Instructions and Additional Information Emergency Response: OP-TECH Environmental Services, Inc. @ 1-800-225-6750 Job # SOBE00071					
18. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.					
Printed/Typed Name MARTIN KOENNECKE			Signature <i>Martin Koennecke</i>		Date 05/06/09
Printed/Typed Name STEVE BRAMBLE			Signature <i>Steve Bramble</i>		Date 05/06/09
Printed/Typed Name			Signature		Date
19. Discrepancy Indication Space					
20. Facility Owner or Operator: Certification of receipt of the waste materials covered by the manifest, except as noted in item 19.					
Printed/Typed Name Jim O'Brien			Signature <i>Jim O'Brien</i>		Date 5/16/09

NON-HAZARDOUS WASTE GENERATOR

TRANSPORTER

FACILITY

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on slide (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No. NYD0000511859	Manifest Document No. OPT-024	2. Page 1 of 1
3. Generator's Name and Mailing Address PAS Participating Parties C/O O'Brien & Gere Operations 5000 Brissonfield Pkwy, E Syracuse, NY 13057 315-437-6100 Jim. Kevin Stone		55 Seneca Street Oswego, NY 13128	
5. Transporter 1 Company Name OP-TECH Environmental Services, Inc.		6. US EPA ID Number NYD888990753	
7. Transporter 2 Company Name		8. US EPA ID Number	
8. Designated Facility Name and Site Address Auburn Water Pollution Control Plant 35 Bradley St. Auburn, NY 13021		10. US EPA ID Number	
		E. State Facility's ID	
		F. Facility's Phone 315-253-6611	

11. WASTE DESCRIPTION	12. Containers		13.	14.
	No.	Type	Total Quantity	Unit Wt./Vol.
a. Non RCRA, Non DOT Regulated Liquids (Leachate Water)	1	TT	Est. 3047	G
b.				
c.				
d.				

G. Additional Descriptions for Materials Listed Above a. <i>64"</i>	H. Handling Codes for Wastes Listed Above a. T c. b. d.
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15. Special Handling Instructions and Additional Information
**Emergency Response: OP-TECH Environmental Services, Inc. @ 1-800-225-6750
 Job # SOBEO0071**

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name MARTIN Koennecke	Signature <i>Martin Koennecke</i>	Date 05 06 09
17. Transporter 1 Acknowledgment of Receipt of Materials		
Printed/Typed Name Mike Myers	Signature <i>Mike Myers</i>	Date 05 06 09
18. Transporter 2 Acknowledgment of Receipt of Materials		
Printed/Typed Name	Signature	Date

19. Discrepancy Indication Space

20. Facility Owner or Operator, Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name Jeff Sikora	Signature <i>Jeff Sikora</i>	Date 5 4 9
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NON-HAZARDOUS WASTE GENERATOR FACILITY

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on slash (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. N Y D 0 0 0 5 1 1 8 5 9	Manifest Document No. OPT-025	2. Page 1 of 1
		3. Generator's Name and Mailing Address PAS Participating Parties C/O O'Brien & Gere Operations 5000 Bronnfield Pkwy, E Syracuse, NY 13057 215-437-6100 - Ass. Waste Storage		55 Seneca Street Oswego, NY 13128
5. Transporter 1 Company Name OP-TECH Environmental Services, Inc.	6. US EPA ID Number N Y D 9 8 8 8 8 0 7 5 3	A. State Transporter's ID 6A-155		
7. Transporter 2 Company Name	8. US EPA ID Number	C. State Transporter's ID 315-483-1845		
9. Designated Facility Name and Site Address Auburn Water Pollution Control Plant 35 Bradley St. Auburn, NY 13021	10. US EPA ID Number	E. State Facility's ID		
		F. Facility's Phone 315-253-6511		

11. WASTE DESCRIPTION	12. Containers		13. Total Quantity	14. Unit Wt./Vol.
	No.	Type		
a. Non RCRA, Non DOT Regulated Liquids (Leachate Water)	1	TT	Est. 8,500	G
b.				
c.				
d.				
G. Additional Descriptions for Materials Listed Above a. STICK MEASUREMENT - 51 3/4"		H. Handling Codes for Wastes Listed Above a. T c. b. d.		

15. Special Handling Instructions and Additional Information
**Emergency Response: OP-TECH Environmental Services, Inc. @ 1-800-225-8750
Job # SOBE00071**

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name AS AGENT MARTIN KOENNECKE		Signature <i>Martin Koennecke</i>	Date Month Day Year 05 06 09
17. Transporter 1 Acknowledgement of Receipt of Materials		Signature <i>Steve Bramble</i>	Date Month Day Year 05 06 09
18. Transporter 2 Acknowledgement of Receipt of Materials		Signature	Date Month Day Year

19. Discrepancy Indication Space

20. Facility Owner/Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name Jeff Sikora	Signature <i>Jeff Sikora</i>	Date Month Day Year 05 06 09
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NON-HAZARDOUS WASTE GENERATOR

TRANSPORTER

FACILITY

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE GENERATOR FACILITY

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. N Y D 0 0 0 5 1 1 8 5 9	Manifest Document No. OPT-023	2. Page 1 of 1
3. Generator's Facility Name and Address C/O O'Brien & Gere Operations 5000 Bronnfield Pkwy, E Syracuse, NY 13057		55 Seneca Street Oswego, NY 13128		
4. Generator's Phone () 315-457-6100 Attn. Kevin Stane				
5. Transporter's Company Name OP-TECH Environmental Services, Inc.		6. US EPA ID Number N Y D 0 0 8 8 8 0 7 5 3	A. State Transporter's ID 6A-125	
7. Transporter 2 Company Name		8. US EPA ID Number	B. Transporter 1 Phone 315-463-1849	
9. Designated Facility Name and Site Address Auburn Water Pollution Control Plant 35 Bradley St. Auburn, NY 13021		10. US EPA ID Number	C. State Transporter's ID	
			D. Transporter 2 Phone	
			E. State Facility's ID	
			F. Facility's Phone 315-253-6511	
11. WASTE DESCRIPTION		12. Containers No.	13. Total Quantity	14. Unit Wt/Vol.
Non RCRA, Non DOT Regulated Liquids (Leachate Water)		1	Est. 8,000	G
b.				
c.				
d.				
15. Additional Descriptions for Materials Listed Above a. 48 3/4"		H. Handling Codes for Wastes Listed Above a. T c. b. d.		
15. Special Handling Instructions and Additional Information Emergency Response: OP-TECH Environmental Services, Inc. @ 1-800-225-6750 Job # SOBE0071				
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in E1 respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.				
Printed/Typed Name AS AGENT MARTIN KOENNECKE		Signature AS AGENT Martin Koenecke		Date Month Day Year 6 3 09
17. Transporter 1 Acknowledgement of Receipt of Materials		Date		
Printed/Typed Name [Signature]		Signature [Signature]		Month Day Year 6 3 09
18. Transporter 2 Acknowledgement of Receipt of Materials		Date		
Printed/Typed Name		Signature		Month Day Year
19. Discrepancy Indentation Space				
20. Facility Owner or Operator, Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.				
Printed/Typed Name TIM O'BRIEN		Signature [Signature]		Date Month Day Year 6 3 09

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on eilbs (12 sheet) typewriter)


NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. NYD0000511859		Manifest Document No. DPT-027	2. Page 1 of 1	
3. Generator's Name and Mailing Address FAS Participating Parties C/O O'Brien & Gere Operations 5000 Brittonfield Pkwy, E Syracuse, NY 13057		55 Seneca Street Oswego, NY 13125				
4. Generator's Phone () 315-437-6100 Attn. Kevin Szabo						
5. Transporter 1 Company Name OP-TECH Environmental Services, Inc.		6. US EPA ID Number NYD 086980753		A. State Transporter's ID 62-155		
				B. Transporter 1 Phone 315-463-1843		
7. Transporter 2 Company Name		8. US EPA ID Number		C. State Transporter's ID		
				D. Transporter 2 Phone		
9. Designated Facility Name and Site Address Auburn Water Pollution Control Plant 35 Bradley St. Auburn, NY 13021		10. US EPA ID Number		E. State Facility's ID		
				F. Facility's Phone 315-253-6511		
11. WASTE DESCRIPTION			12. Containers	13. Total Quantity	14. Unit WL/Vol.	
Non RCRA, Non DOT Regulated Liquids (Leachate Water)			No.	Type		
			1	TT	Est. 8000	G
15. Additional Descriptions for Materials Listed Above 48 3/4"			H. Handling Codes for Wastes Listed Above			
16. Special Handling Instructions and Additional Information						
THIS MANIFEST MUST REMAIN WITH THE WASTE UNTIL THE WASTE IS TREATED, STORED, OR DISPOSED AT A TREATMENT, STORAGE, AND DISPOSAL FACILITY.						
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.						
Printed/Typed Name MARTIN KOENIGSBERGER		Signature <i>Martin Koeningberger</i>		Date Month Day Year 6 3 09		
17. Transporter 1 Acknowledgement of Receipt of Materials						
Printed/Typed Name Kevin Kelly		Signature <i>Kevin Kelly</i>		Date Month Day Year 6 3 09		
18. Transporter 2 Acknowledgement of Receipt of Materials						
Printed/Typed Name		Signature		Date Month Day Year		
19. Discrepancy Indication Space						
20. Facility Owner or Operator; Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.						
Printed/Typed Name MARLE STORRS		Signature <i>Marle Storrs</i>		Date Month Day Year		

NON-HAZARDOUS WASTE GENERATOR FACILITY



NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. NY D 0 0 5 1 4 8 5 9		Manifest Document No. OP-028	2. Page 1 of 1
3. Generator's Name and Mailing Address C/O O'Brien & Gere Operations 5000 Bronsonfield Pkwy, E Syracuse, NY 13057 315-437-8100 Attn: Kevin Stone		55 Seneca Street Oswego, NY 13128			
4. Generator's Phone ()		6. State of Origin NY D 0 0 5 1 4 8 5 9		A. State Transporter's ID 6A-165	B. Transporter 1 Phone 315-463-1043
5. Transporter 1 Company Name OP-TECH Environmental Services, Inc.		8. US EPA ID Number		C. State Transporter's ID	
7. Transporter 2 Company Name		9. US EPA ID Number		D. Transporter 2 Phone	
9. Additional Facility Name and Address 35 Bradley St. Auburn, NY 13021		10. US EPA ID Number		E. State Facility's ID	
				F. Facility's Phone 315-253-5511	
11. WASTE DESCRIPTION			12. Containers	13. Total Quantity	14. Unit WL/Vol.
Non RCRA, Non DOT Regulated Liquids (Leachate Water)			No.	Type	
			1	TT	Est.
					3000
15. Additional Descriptions for Materials Listed Above			H. Handling Codes for Wastes Listed Above		
64.5"			a. 1 c.		
			b. d.		
16. Special Handling Instructions and Additional Information Emergency Response: OP-TECH Environmental Services, Inc. @ 1-800-225-6750 Job # SOBE00071					
					
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.					
Printed/Typed Name AS HPE MARTIN KOENNECKE		Signature AS HPE <i>Martin Koennecke</i>		Date Month Day Year 6 3 09	
17. Transporter 1 Acknowledgement of Receipt of Materials					
Printed/Typed Name WAYNE EARL		Signature <i>Wayne Earl</i>		Date Month Day Year 6 3 09	
18. Transporter 2 Acknowledgement of Receipt of Materials					
Printed/Typed Name		Signature		Date Month Day Year	
19. Discrepancy Indication Space					
20. Facility Owner or Operator, Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.					
Printed/Typed Name Jim O'Brien		Signature <i>Jim O'Brien</i>		Date Month Day Year 6 3 09	

NON-HAZARDOUS WASTE

GENERATOR

TRANSPORTER

FACILITY

ATTACHMENT D-4

WASTE TREATMENT/DISPOSAL VERIFICATIONS



O'BRIEN & GERE

PAS Oswego Site Truck Unloading Verification Form

Date: 4/8/07

Unloading Facility

Auburn POTW, Auburn, NY

- Manifest #: OPT-020 Estimated Gallons: 8300gals
- Truck # or plate: 33297PA Tank Trailer # A586986
- Driver: RICK GROVER

Stick Measurement:

- Loading: 50.5"
- Unloading (Auburn POTW): 50.5"

POTW Disposal

Approved By (Auburn): [Signature]

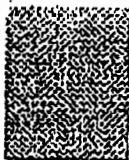
Transferred By: RICK GROVER

Billing Gallons: 8300gals

NOTE: Attached to Non-Hazardous Manifest and submit to O'Brien & Gere Operations Manager

Send To;
 Kevin Stone
 5000 Brittonfield Parkway,
 P.O. Box 4873,
 Syracuse, New York 13221-4873
 (315) 437-6100 / FAX (315) 463-7554

Email To:
 stonekm@obg.com



O'Brien & Gere, Inc. of North America, an O'Brien & Gere company
 5000 Brittonfield Parkway, P.O. Box 4873, Syracuse, New York 13221-4873
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O'BRIEN & GERE

PAS Oswego Site Truck Unloading Verification Form

Date: 4-8-09

Unloading Facility

Auburn POTW, Auburn, NY

- Manifest #: OM-021 Estimated Gallons: 3,000
- Truck # or plate: 503 Tank Trailer # —
- Driver: Michael Knapp

Stick Measurement:

- Loading: 6.5"
- Unloading (Auburn POTW):

POTW Disposal

Approved By (Auburn): [Signature]

Transferred By: [Signature]

Billing Gallons: 3,000

NOTE: Attached to Non-Hazardous Manifest and submit to O'Brien & Gere Operations Manager

Send To:
 Kevin Stone
 5000 Brittonfield Parkway,
 P.O. Box 4873,
 Syracuse, New York 13221-4873
 (315) 437-6100 / FAX (315) 463-7554

Email To:
 stonekm@obg.com



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O'BRIEN & GERE

PAS Oswego Site Truck Unloading Verification Form

Date: 4/8/09

Unloading Facility

Auburn POTW, Auburn, NY

- Manifest #: OFT-022 Estimated Gallons: 8300 gals
- Truck # or plate: 33297PA Tank Trailer # A580986
- Driver: RICK GROVER

Stick Measurement:

- Loading: 50.5"
- Unloading (Auburn POTW): 50.5"

POTW Disposal

Approved By (Auburn): 

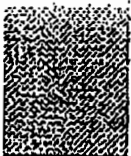
Transferred By: RICK GROVER

Billing Gallons: 8300 gals

NOTE: Attached to Non-Hazardous Manifest and submit to O'Brien & Gere Operations Manager

Send To;
 Kevin Stone
 5000 Brittonfield Parkway,
 P.O. Box 4873,
 Syracuse, New York 13221-4873
 (315) 437-6100 / FAX (315) 463-7554

Email To:
 stonekm@cbg.com



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O'BRIEN & GERE

PAS Oswego Site Truck Unloading Verification Form

Date: 5/6/09

Unloading Facility

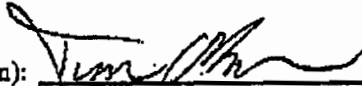
Auburn POTW, Auburn, NY

- Manifest #: OPT 23 Estimated Gallons: 8,500
- Truck # or plate: 33297AA Tank Trailer # AS 80986
- Driver: STEVE BRANISLE

Stick Measurement:

- Loading: 51 3/4"
- Unloading (Auburn POTW): 51 3/4"

POTW Disposal

Approved By (Auburn): 

Transferred By: _____

Billing Gallons: _____

NOTE: Attached to Non-Hazardous Manifest and submit to O'Brien & Gere Operations Manager

Send To:
 Kevin Stone
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 P.O. Box 4873,
 Syracuse, New York 13221-4873
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O'BRIEN & GERE

PAS Oswego Site Truck Unloading Verification Form

Date: 5/4/09

Unloading Facility

Auburn POTW, Auburn, NY

- Manifest #: OPT-24 Estimated Gallons: 3047
- Truck # or plate: 6245-PA Tank Trailer # _____
- Driver: Mike Myers

Stick Measurement:

- Loading: 64"
- Unloading (Auburn POTW): 64"

POTW Disposal

Approved By (Auburn): [Signature]

Transferred By: _____

Billing Gallons: 3047

NOTE: Attached to Non-Hazardous Manifest and submit to O'Brien & Gere Operations Manager

Send To:
 Kevin Stone
 5000 Brittonfield Parkway,
 P.O. Box 4873,
 Syracuse, New York 13221-4873
 (315) 437-8100 / FAX (315) 463-7554

Email To:
 stonekm@obg.com



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O'BRIEN & GERE

PAS Oswego Site Truck Unloading Verification Form

Date: 5/16/09

Unloading Facility

Auburn POTW, Auburn, NY

- Manifest #: OPT-25 Estimated Gallons: 8,500
- Truck # or plate: 33,397AP Tank Trailer # AS 80986
- Driver: STEVE BRAVILE

Stick Measurement:

- Loading: 51 3/4"
- Unloading (Auburn POTW): 51 3/4"

POTW Disposal

Approved By (Auburn): [Signature]

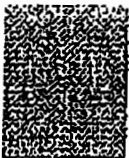
Transferred By: _____

Billing Gallons: 8500

NOTE: Attached to Non-Hazardous Manifest and submit to O'Brien & Gere Operations Manager

Send To;
 Kevin Stone
 5000 Brittonfield Parkway,
 P.O. Box 4873,
 Syracuse, New York 13221-4873
 (315) 437-6100 / FAX (315) 463-7554

Email To:
 stonekm@obg.com



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O'BRIEN & GERE

PAS Oswego Site Truck Unloading Verification Form

Date: 6/3/09

Unloading Facility

Auburn POTW, Auburn, NY

- Manifest #: OPT-026 Estimated Gallons: 3000
- Truck # or plate: 503 Tank Trailer # N/A
- Driver: Wayne Earl

Stick Measurement:

- Loading: 64 1/2 inches
- Unloading (Auburn POTW): 3000 Gal

POTW Disposal

Approved By (Auburn): [Signature]

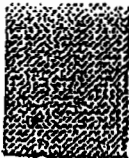
Transferred By: W. Earl

Billing Gallons: 3000

NOTE: Attached to Non-Hazardous Manifest and submit to O'Brien & Gere Operations Manager

Send To:
Kevin Stone
5000 Brittonfield Parkway,
P.O. Box 4873,
Syracuse, New York 13221-4873
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Email To:
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O'BRIEN & GERE

PAS Oswego Site Truck Unloading Verification Form

Date: 6-3-09

Unloading Facility

Auburn POTW, Auburn, NY

- Manifest #: 077-097 Estimated Gallons: 13000
- Truck # or plate: 385 Tank Trailer # 8005
- Driver: Van Allen

Stick Measurement:

- Loading: 10-3/4 in.
- Unloading (Auburn POTW): _____

POTW Disposal

Approved By (Auburn): [Signature]

Transferred By: _____

Billing Gallons: _____

NOTE: Attached to Non-Hazardous Manifest and submit to O'Brien & Gere Operations Manager

Send To:
 Kevin Stone
 5000 Brittonfield Parkway,
 P.O. Box 4873,
 Syracuse, New York 13221-4873
 (315) 437-6100 / FAX (315) 463-7554

Email To:
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O'BRIEN & GERE

PAS Oswego Site Truck Unloading Verification Form

Date: 6-3-09

Unloading Facility

Auburn POTW, Auburn, NY

- Manifest #: SPE-028 Estimated Gallons: 8000
- Truck # or plate: 385 Tank Trailer # 8000
- Driver: Dean Kelly

Stick Measurement:

- Loading: 48 3/4
- Unloading (Auburn POTW): 40 1/4

POTW Disposal

Approved By (Auburn): Tom Olson

Transferred By: _____

Billing Gallons: _____

NOTE: Attached to Non-Hazardous Manifest and submit to O'Brien & Gere Operations Manager

Send To:
 Kevin Stone
 5000 Brittonfield Parkway,
 P.O. Box 4873,
 Syracuse, New York 13221-4873
 (315) 437-6100 / FAX (315) 463-7554

Email To:
 stonekm@obg.com



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ATTACHMENT D-5

***SEMI-ANNUAL LEACHATE AND GROUND-WATER MONITORING
MAY 2009***



Life Science Laboratories, Inc.

5000 Brittonfield Parkway, Suite 200

East Syracuse, NY 13057 (315) 437-0200

Analytical Results

StateCertNo: 10155

CLIENT: O'Brien & Gere Inc. of North America

Project: PAS Oswego, NY Semi Annual

W Order: 0905045

Matrix: WATER Q

Inst. ID: MS01 11

ColumnID: Rtx-VMS

Revision: 05/10/09 14:39

Col Type:

Sample Size: 10 mL

%Moisture:

TestCode: 8260W OLM42

Lab ID: 0905045-001A

Client Sample ID: *Equipment Blank*

Collection Date: 05/07/09 6:30

Date Received: 05/07/09 16:00

PrepDate:

BatchNo: R17268

FileID: 1-SAMP-T5894.D

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
					SW8260B		
Dichlorodifluoromethane	ND	1.00	0.10	µg/L	1	05/08/09 17:59	
Chloromethane	ND	1.00	0.33	µg/L	1	05/08/09 17:59	
Vinyl chloride	ND	1.00	0.33	µg/L	1	05/08/09 17:59	
Bromomethane	ND	1.00	0.33	µg/L	1	05/08/09 17:59	
Chloroethane	ND	1.00	0.33	µg/L	1	05/08/09 17:59	
Trichlorofluoromethane	ND	1.00	0.10	µg/L	1	05/08/09 17:59	
1,1-Dichloroethene	ND	0.50	0.16	µg/L	1	05/08/09 17:59	
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	0.50	0.10	µg/L	1	05/08/09 17:59	
Acetone	ND	10.0	1.00	µg/L	1	05/08/09 17:59	
Carbon disulfide	ND	0.50	0.11	µg/L	1	05/08/09 17:59	
Methyl acetate	ND	5.00	1.00	µg/L	1	05/08/09 17:59	
Methylene chloride	ND	2.00	0.16	µg/L	1	05/08/09 17:59	
trans-1,2-Dichloroethane	ND	0.50	0.10	µg/L	1	05/08/09 17:59	
Methyl tert-butyl ether	ND	1.00	0.16	µg/L	1	05/08/09 17:59	
1,1-Dichloroethane	ND	0.50	0.10	µg/L	1	05/08/09 17:59	
cis-1,2-Dichloroethane	ND	0.50	0.10	µg/L	1	05/08/09 17:59	
2-Butanone	ND	10.0	1.00	µg/L	1	05/08/09 17:59	
Chloroform	ND	0.50	0.10	µg/L	1	05/08/09 17:59	
1,1,1-Trichloroethane	ND	0.50	0.10	µg/L	1	05/08/09 17:59	
Cyclohexane	ND	0.50	0.10	µg/L	1	05/08/09 17:59	
Carbon tetrachloride	ND	0.50	0.10	µg/L	1	05/08/09 17:59	
Benzene	ND	0.50	0.10	µg/L	1	05/08/09 17:59	
1,2-Dichloroethane	ND	0.50	0.16	µg/L	1	05/08/09 17:59	
Trichloroethane	ND	0.50	0.10	µg/L	1	05/08/09 17:59	
Methylcyclohexane	ND	0.50	0.10	µg/L	1	05/08/09 17:59	
1,2-Dichloropropane	ND	0.50	0.16	µg/L	1	05/08/09 17:59	
Bromodichloromethane	ND	0.50	0.10	µg/L	1	05/08/09 17:59	
cis-1,3-Dichloropropene	ND	0.50	0.16	µg/L	1	05/08/09 17:59	
4-Methyl-2-pentanone	ND	5.00	1.00	µg/L	1	05/08/09 17:59	
Toluene	ND	0.50	0.10	µg/L	1	05/08/09 17:59	
trans-1,3-Dichloropropene	ND	0.50	0.16	µg/L	1	05/08/09 17:59	
1,1,2-Trichloroethane	ND	0.50	0.16	µg/L	1	05/08/09 17:59	
Tetrachloroethane	ND	0.50	0.10	µg/L	1	05/08/09 17:59	

Qualifiers: * Value exceeds Maximum Contaminant Level
 E Value exceeds the instrument calibration range
 J Analyte detected below the PQL
 P Prim./Conf. column %D or RPD exceeds limit

B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 ND Not Detected at the Practical Quantitation Limit (PQL)
 S Spike Recovery outside accepted recovery limits



Life Science Laboratories, Inc.

5000 Brittonfield Parkway, Suite 200
East Syracuse, NY 13057 (315) 437-0200

Analytical Results

StateCertNo: 10155

CLIENT: O'Brien & Gere Inc. of North America	Lab ID: 0905045-001A
Project: PAS Oswego, NY Semi Annual	Client Sample ID: <i>Equipment Blank</i>
W Order: 0905045	Collection Date: 05/07/09 6:30
Matrix: WATER Q	Date Received: 05/07/09 16:00
Inst. ID: MS01 11	Sample Size: 10 mL
ColumnID: Rtx-VMS	%Moisture:
Revision: 05/10/09 14:39	TestCode: 8260W OLM42
Col Type:	PrepDate:
	BatchNo: R17268
	FileID: 1-SAMP-T5894.D

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS					SW8280B		
2-Hexanone	ND		5.00	1.00	µg/L	1	05/08/09 17:59
Dibromochloromethane	ND		0.50	0.10	µg/L	1	05/08/09 17:59
1,2-Dibromoethane	ND		0.50	0.16	µg/L	1	05/08/09 17:59
Chlorobenzene	ND		0.50	0.10	µg/L	1	05/08/09 17:59
Ethylbenzene	ND		0.50	0.10	µg/L	1	05/08/09 17:59
Xylenes (total)	ND		1.00	0.30	µg/L	1	05/08/09 17:59
Styrene	ND		0.50	0.10	µg/L	1	06/08/09 17:59
Bromoforn	ND		1.00	0.33	µg/L	1	06/08/09 17:59
Isopropylbenzene	ND		0.50	0.10	µg/L	1	05/08/09 17:59
1,1,2,2-Tetrachloroethane	ND		0.50	0.10	µg/L	1	05/08/09 17:59
1,3-Dichlorobenzene	ND		0.50	0.10	µg/L	1	05/08/09 17:59
1,4-Dichlorobenzene	ND		0.50	0.16	µg/L	1	05/08/09 17:59
1,2-Dichlorobenzene	ND		0.50	0.10	µg/L	1	05/08/09 17:59
1,2-Dibromo-3-chloropropane	ND		5.00	1.00	µg/L	1	05/08/09 17:59
1,2,4-Trichlorobenzene	ND		1.00	0.10	µg/L	1	05/08/09 17:59
Surr: 1,2-Dichloroethane-d4	97		75-134	0.16	%REC	1	05/08/09 17:59
Surr: Toluene-d8	114		75-125	0.10	%REC	1	05/08/09 17:59
Surr: 4-Bromofluorobenzene	110		75-125	0.10	%REC	1	05/08/09 17:59

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Value exceeds the instrument calibration range
- J Analyte detected below the PQL
- P Prim./Conf. column %D or RPD exceeds limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Practical Quantitation Limit (PQL)
- S Spike Recovery outside accepted recovery limits



Life Science Laboratories, Inc.

5000 Brittonfield Parkway, Suite 200

East Syracuse, NY 13057

(315) 437-0200

Analytical Results

StateCertNo: 10155

CLIENT: O'Brien & Gere Inc. of North America

Lab ID: 0905045-002A

Project: PAS Oswego, NY Semi Annual

Client Sample ID: M-21

W Order: 0905045

Collection Date: 05/07/09 8:00

Matrix: WATER

Date Received: 05/07/09 16:00

Inst. ID: MS01 11

Sample Size: 10 mL

PrepDate:

ColumnID: Rtx-VMS

%Moisture:

BatchNo: R17268

Revision: 05/10/09 14:39

TestCode: 8260W OLM42

FileID: 1-SAMP-T5895.D

Col Type:

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS					SW8260B		
Dichlorodifluoromethane	ND		1.00	0.10	µg/L	1	05/08/09 18:32
Chloromethane	ND		1.00	0.33	µg/L	1	05/08/09 18:32
Vinyl chloride	ND		1.00	0.33	µg/L	1	05/08/09 18:32
Bromomethane	ND		1.00	0.33	µg/L	1	05/08/09 18:32
Chloroethane	3.09		1.00	0.33	µg/L	1	05/08/09 18:32
Trichlorofluoromethane	ND		1.00	0.10	µg/L	1	05/08/09 18:32
1,1-Dichloroethane	ND		0.50	0.16	µg/L	1	05/08/09 18:32
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.10	µg/L	1	05/08/09 18:32
Acetone	ND		10.0	1.00	µg/L	1	05/08/09 18:32
Carbon disulfide	ND		0.50	0.11	µg/L	1	05/08/09 18:32
Methyl acetate	ND		5.00	1.00	µg/L	1	05/08/09 18:32
Methylene chloride	ND		2.00	0.16	µg/L	1	05/08/09 18:32
trans-1,2-Dichloroethene	ND		0.50	0.10	µg/L	1	05/08/09 18:32
Methyl tert-butyl ether	0.45 J		1.00	0.16	µg/L	1	05/08/09 18:32
1,1-Dichloroethane	0.13 J		0.50	0.10	µg/L	1	05/08/09 18:32
cis-1,2-Dichloroethene	ND		0.50	0.10	µg/L	1	05/08/09 18:32
2-Butanone	ND		10.0	1.00	µg/L	1	05/08/09 18:32
Chloroform	ND		0.50	0.10	µg/L	1	05/08/09 18:32
1,1,1-Trichloroethane	ND		0.50	0.10	µg/L	1	05/08/09 18:32
Cyclohexane	2.16		0.50	0.10	µg/L	1	05/08/09 18:32
Carbon tetrachloride	ND		0.50	0.10	µg/L	1	05/08/09 18:32
Benzene	0.43 J		0.50	0.10	µg/L	1	05/08/09 18:32
1,2-Dichloroethane	ND		0.50	0.16	µg/L	1	05/08/09 18:32
Trichloroethene	ND		0.50	0.10	µg/L	1	05/08/09 18:32
Methylcyclohexane	0.26 J		0.50	0.10	µg/L	1	05/08/09 18:32
1,2-Dichloropropane	ND		0.50	0.16	µg/L	1	05/08/09 18:32
Bromodichloromethane	ND		0.50	0.10	µg/L	1	05/08/09 18:32
cis-1,3-Dichloropropene	ND		0.50	0.16	µg/L	1	05/08/09 18:32
4-Methyl-2-pentanone	ND		5.00	1.00	µg/L	1	05/08/09 18:32
Toluene	0.36 J		0.50	0.10	µg/L	1	05/08/09 18:32
trans-1,3-Dichloropropene	ND		0.50	0.16	µg/L	1	05/08/09 18:32
1,1,2-Trichloroethane	ND		0.50	0.16	µg/L	1	05/08/09 18:32
Tetrachloroethene	ND		0.50	0.10	µg/L	1	05/08/09 18:32

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Value exceeds the instrument calibration range
- J Analyte detected below the PQL
- P Prim./Conf. column %D or RPD exceeds limit

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Practical Quantitation Limit (PQL)
- S Spike Recovery outside accepted recovery limits



Life Science Laboratories, Inc.

5000 Brittonfield Parkway, Suite 200
East Syracuse, NY 13057 (315) 437-0200

Analytical Results

StateCertNo: 10155

CLIENT: O'Brien & Gere Inc. of North America
Project: PAS Oswego, NY Semi Annual
W Order: 0905045
Matrix: WATER
Inst. ID: MS01 11
ColumnID: Rtx-VMS
Revision: 05/10/09 14:39
Col Type:

Sample Size: 10 mL
%Moisture:
TestCode: 8260W OLM42

Lab ID: 0905045-002A
Client Sample ID: M-21
Collection Date: 05/07/09 8:00
Date Received: 05/07/09 16:00
PrepDate:
BatchNo: R17268
FileID: 1-SAMP-T5895.D

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS					SW8260B		
2-Hexanone	ND		5.00	1.00	µg/L	1	05/08/09 18:32
Dibromochloromethane	ND		0.50	0.10	µg/L	1	05/08/09 18:32
1,2-Dibromoethane	ND		0.50	0.18	µg/L	1	05/08/09 18:32
Chlorobenzene	7.94		0.50	0.10	µg/L	1	05/08/09 18:32
Ethylbenzene	ND		0.50	0.10	µg/L	1	05/08/09 18:32
Xylenes (total)	0.58 J		1.00	0.30	µg/L	1	05/08/09 18:32
Styrene	ND		0.50	0.10	µg/L	1	05/08/09 18:32
Bromoform	ND		1.00	0.33	µg/L	1	05/08/09 18:32
Isopropylbenzene	1.81		0.50	0.10	µg/L	1	05/08/09 18:32
1,1,2,2-Tetrachloroethane	ND		0.50	0.10	µg/L	1	05/08/09 18:32
1,3-Dichlorobenzene	ND		0.50	0.10	µg/L	1	05/08/09 18:32
1,4-Dichlorobenzene	0.38 J		0.50	0.18	µg/L	1	05/08/09 18:32
1,2-Dichlorobenzene	0.85		0.50	0.10	µg/L	1	05/08/09 18:32
1,2-Dibromo-3-chloropropane	ND		5.00	1.00	µg/L	1	05/08/09 18:32
1,2,4-Trichlorobenzene	ND		1.00	0.10	µg/L	1	05/08/09 18:32
Surr: 1,2-Dichloroethane-d4	97		75-134	0.18	%REC	1	05/08/09 18:32
Surr: Toluene-d8	112		75-125	0.10	%REC	1	05/08/09 18:32
Surr: 4-Bromofluorobenzene	110		75-125	0.10	%REC	1	05/08/09 18:32

Qualifiers:
* Value exceeds Maximum Contaminant Level
E Value exceeds the instrument calibration range
J Analyte detected below the PQL
P Prim./Conf. column %D or RPD exceeds limit

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Practical Quantitation Limit (PQL)
S Spike Recovery outside accepted recovery limits



Life Science Laboratories, Inc.

5000 Brittonfield Parkway, Suite 200
East Syracuse, NY 13057 (315) 437-0200

Analytical Results

StateCertNo: 10155

CLIENT: O'Brien & Gere Inc. of North America
Project: PAS Oswego, NY Semi Annual
W Order: 0905045
Matrix: WATER
Inst. ID: MS01 11
ColumnID: Rtx-VMS
Revision: 05/10/09 14:39
Col Type:

Sample Size: 10 mL
%Moisture:
TestCode: 8260W OLM42

Lab ID: 0905045-003A
Client Sample ID: LR-8
Collection Date: 05/07/09 10:15
Date Received: 05/07/09 16:00
PrepDate:
BatchNo: R17268
FileID: 1-SAMP-T5896.D

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS					SW8260B		
Dichlorodifluoromethane	ND	1.00	0.10	0.10	µg/L	1	05/08/09 19:05
Chloromethane	ND	1.00	0.33	0.33	µg/L	1	05/08/09 19:05
Vinyl chloride	ND	1.00	0.33	0.33	µg/L	1	05/08/09 19:05
Bromomethane	ND	1.00	0.33	0.33	µg/L	1	05/08/09 19:05
Chloroethane	2.38	1.00	0.33	0.33	µg/L	1	05/08/09 19:05
Trichlorofluoromethane	ND	1.00	0.10	0.10	µg/L	1	05/08/09 19:05
1,1-Dichloroethane	ND	0.50	0.16	0.16	µg/L	1	05/08/09 19:05
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	0.50	0.10	0.10	µg/L	1	05/08/09 19:05
Acetone	ND	10.0	1.00	1.00	µg/L	1	05/08/09 19:05
Carbon disulfide	ND	0.50	0.11	0.11	µg/L	1	05/08/09 19:05
Methyl acetate	ND	5.00	1.00	1.00	µg/L	1	05/08/09 19:05
Methylene chloride	ND	2.00	0.16	0.16	µg/L	1	05/08/09 19:05
trans-1,2-Dichloroethane	ND	0.50	0.10	0.10	µg/L	1	05/08/09 19:05
Methyl tert-butyl ether	ND	1.00	0.16	0.16	µg/L	1	05/08/09 19:05
1,1-Dichloroethane	ND	0.50	0.10	0.10	µg/L	1	05/08/09 19:05
cis-1,2-Dichloroethane	ND	0.50	0.10	0.10	µg/L	1	05/08/09 19:05
2-Butanone	ND	10.0	1.00	1.00	µg/L	1	05/08/09 19:05
Chloroform	ND	0.50	0.10	0.10	µg/L	1	05/08/09 19:05
1,1,1-Trichloroethane	ND	0.50	0.10	0.10	µg/L	1	05/08/09 19:05
Cyclohexane	ND	0.50	0.10	0.10	µg/L	1	05/08/09 19:05
Carbon tetrachloride	ND	0.50	0.10	0.10	µg/L	1	05/08/09 19:05
Benzene	0.12J	0.50	0.10	0.10	µg/L	1	05/08/09 19:05
1,2-Dichloroethane	ND	0.50	0.16	0.16	µg/L	1	05/08/09 19:05
Trichloroethene	ND	0.50	0.10	0.10	µg/L	1	05/08/09 19:05
Methylcyclohexane	ND	0.50	0.10	0.10	µg/L	1	05/08/09 19:05
1,2-Dichloropropane	ND	0.50	0.16	0.16	µg/L	1	05/08/09 19:05
Bromodichloromethane	ND	0.50	0.10	0.10	µg/L	1	05/08/09 19:05
cis-1,3-Dichloropropane	ND	0.50	0.16	0.16	µg/L	1	05/08/09 19:05
4-Methyl-2-pentanone	ND	5.00	1.00	1.00	µg/L	1	05/08/09 19:05
Toluene	ND	0.50	0.10	0.10	µg/L	1	05/08/09 19:05
trans-1,3-Dichloropropene	ND	0.50	0.16	0.16	µg/L	1	05/08/09 19:05
1,1,2-Trichloroethane	ND	0.50	0.16	0.16	µg/L	1	05/08/09 19:05
Tetrachloroethene	ND	0.50	0.10	0.10	µg/L	1	05/08/09 19:05

Qualifiers:
• Value exceeds Maximum Contaminant Level
E Value exceeds the instrument calibration range
J Analyte detected below the PQL
P Prim./Conf. column %D or RPD exceeds limit

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Practical Quantitation Limit (PQL)
S Spike Recovery outside accepted recovery limits



Life Science Laboratories, Inc.

5000 Brittonfield Parkway, Suite 200
East Syracuse, NY 13057 (315) 437-0200

Analytical Results

StateCertNo: 10155

CLIENT: O'Brien & Gere Inc. of North America	Lab ID: 0905045-003A
Project: PAS Oswego, NY Semi Annual	Client Sample ID: LR-8
W Order: 0905045	Collection Date: 05/07/09 10:15
Matrix: WATER	Date Received: 05/07/09 16:00
Inst. ID: MS01 11	Sample Size: 10 mL
ColumnID: Rtx-VMS	% Moisture:
Revision: 05/10/09 14:39	TestCode: 8260W OLM42
Col Type:	BatchNo: R17268
	FileID: I-SAMP-T5896.D

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS					SW8260B		
2-Hexanone	ND		5.00	1.00	µg/L	1	05/08/09 19:05
Dibromochloromethane	ND		0.50	0.10	µg/L	1	05/08/09 19:05
1,2-Dibromoethane	ND		0.50	0.16	µg/L	1	05/08/09 19:05
Chlorobenzene	ND		0.50	0.10	µg/L	1	05/08/09 19:05
Ethylbenzene	ND		0.50	0.10	µg/L	1	05/08/09 19:05
Xylenes (total)	ND		1.00	0.30	µg/L	1	05/08/09 19:05
Styrene	ND		0.50	0.10	µg/L	1	05/08/09 19:05
Bromoform	ND		1.00	0.33	µg/L	1	05/08/09 19:05
Isopropylbenzene	ND		0.50	0.10	µg/L	1	05/08/09 19:05
1,1,2,2-Tetrachloroethane	ND		0.50	0.10	µg/L	1	05/08/09 19:05
1,3-Dichlorobenzene	ND		0.50	0.10	µg/L	1	05/08/09 19:05
1,4-Dichlorobenzene	ND		0.50	0.16	µg/L	1	05/08/09 19:05
1,2-Dichlorobenzene	ND		0.50	0.10	µg/L	1	05/08/09 19:05
1,2-Dibromo-3-chloropropane	ND		5.00	1.00	µg/L	1	05/08/09 19:05
1,2,4-Trichlorobenzene	ND		1.00	0.10	µg/L	1	05/08/09 19:05
Surr: 1,2-Dichloroethane-d4	99		75-134	0.16	%REC	1	05/08/09 19:05
Surr: Toluene-d8	114		75-125	0.10	%REC	1	05/08/09 19:05
Surr: 4-Bromofluorobenzene	110		75-125	0.10	%REC	1	05/08/09 19:05

Qualifiers:

- | | |
|--|---|
| * Value exceeds Maximum Contaminant Level | B Analyte detected in the associated Method Blank |
| E Value exceeds the instrument calibration range | H Holding times for preparation or analysis exceeded |
| J Analyte detected below the PQL | ND Not Detected at the Practical Quantitation Limit (PQL) |
| P Prim./Conf. column %D or RPD exceeds limit | S Spike Recovery outside accepted recovery limits |



Life Science Laboratories, Inc.

5000 Brittonfield Parkway, Suite 200
East Syracuse, NY 13057 (315) 437-0200

Analytical Results

StateCertNo: 10155

CLIENT: O'Brien & Gere Inc. of North America	Lab ID: 0905045-004A
Project: PAS Oswego, NY Semi Annual	Client Sample ID: LCW-4
W Order: 0905045	Collection Date: 05/07/09 12:20
Matrix: WATER	Date Received: 05/07/09 16:00
Inst. ID: MS01 11	Sample Size: 10 mL
ColumnID: Rtx-VMS	%Moisture:
Revision: 05/10/09 14:39	TestCode: 8260W OLM42
Col Type:	BatchNo: R17268
	FileID: 1-SAMP-T5897.D

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS				SW8260B			
Dichlorodifluoromethane	ND		25.0	2.50	µg/L	25	05/08/09 19:39
Chloromethane	ND		25.0	8.25	µg/L	25	05/08/09 19:39
Vinyl chloride	17.5	J	25.0	8.25	µg/L	25	05/08/09 19:39
Bromomethane	ND		25.0	8.25	µg/L	25	05/08/09 19:39
Chloroethane	111		25.0	8.25	µg/L	25	05/08/09 19:39
Trichlorofluoromethane	ND		25.0	2.50	µg/L	25	05/08/09 19:39
1,1-Dichloroethene	ND		12.5	4.00	µg/L	25	05/08/09 19:39
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		12.5	2.50	µg/L	25	05/08/09 19:39
Acetone	33.2	J	250	25.0	µg/L	25	05/08/09 19:39
Carbon disulfide	3.25	J	12.5	2.75	µg/L	25	05/08/09 19:39
Methyl acetate	ND		125	25.0	µg/L	25	05/08/09 19:39
Methylene chloride	ND		50.0	4.00	µg/L	25	05/08/09 19:39
trans-1,2-Dichloroethene	ND		12.5	2.50	µg/L	25	05/08/09 19:39
Methyl tert-butyl ether	ND		25.0	4.00	µg/L	25	05/08/09 19:39
1,1-Dichloroethane	11.5	J	12.5	2.50	µg/L	25	05/08/09 19:39
cis-1,2-Dichloroethene	55.0		12.5	2.50	µg/L	25	05/08/09 19:39
2-Butanone	ND		250	25.0	µg/L	25	05/08/09 19:39
Chloroform	ND		12.5	2.50	µg/L	25	05/08/09 19:39
1,1,1-Trichloroethane	ND		12.5	2.50	µg/L	25	05/08/09 19:39
Cyclohexane	15.0		12.5	2.50	µg/L	25	05/08/09 19:39
Carbon tetrachloride	ND		12.5	2.50	µg/L	25	05/08/09 19:39
Benzene	360		12.5	2.50	µg/L	25	05/08/09 19:39
1,2-Dichloroethane	ND		12.5	4.00	µg/L	25	05/08/09 19:39
Trichloroethene	ND		12.5	2.50	µg/L	25	05/08/09 19:39
Methylcyclohexane	ND		12.5	2.50	µg/L	25	05/08/09 19:39
1,2-Dichloropropane	ND		12.5	4.00	µg/L	25	05/08/09 19:39
Bromodichloromethane	ND		12.5	2.50	µg/L	25	05/08/09 19:39
cis-1,3-Dichloropropene	ND		12.5	4.00	µg/L	25	05/08/09 19:39
4-Methyl-2-pentanone	ND		125	25.0	µg/L	25	05/08/09 19:39
Toluene	208		12.5	2.50	µg/L	25	05/08/09 19:39
trans-1,3-Dichloropropene	ND		12.5	4.00	µg/L	25	05/08/09 19:39
1,1,2-Trichloroethane	ND		12.5	4.00	µg/L	25	05/08/09 19:39
Tetrachloroethene	ND		12.5	2.50	µg/L	25	05/08/09 19:39

Qualifiers:	* Value exceeds Maximum Contaminant Level	B Analyte detected in the associated Method Blank
	E Value exceeds the instrument calibration range	H Holding times for preparation or analysis exceeded
	J Analyte detected below the PQL	ND Not Detected at the Practical Quantitation Limit (PQL)
	P Prim./Conf. column %D or RPD exceeds limit	S Spike Recovery outside accepted recovery limits



Life Science Laboratories, Inc.

5000 Brittonfield Parkway, Suite 200
East Syracuse, NY 13057 (315) 437-0200

Analytical Results

StateCertNo: 10155

CLIENT: O'Brien & Gere Inc. of North America
Project: PAS Oswego, NY Semi Annual
W Order: 0905045
Matrix: WATER
Inst. ID: MS01 11
ColumnID: Rtx-VMS
Revision: 05/10/09 14:39
Col Type:

Sample Size: 10 mL
%Moisture:
TestCode: 8260W OLM42

Lab ID: 0905045-004A
Client Sample ID: LCW-4
Collection Date: 05/07/09 12:20
Date Received: 05/07/09 16:00
PrepDate:
BatchNo: R17268
FileID: 1-SAMP-T5897.D

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS				SW8260B			
2-Hexanone	ND		125	25.0	µg/L	25	05/08/09 19:39
Dibromochloromethane	ND		12.5	2.50	µg/L	25	05/08/09 19:39
1,2-Dibromoethane	ND		12.5	4.00	µg/L	25	05/08/09 19:39
Chlorobenzene	278		12.5	2.50	µg/L	25	05/08/09 19:39
Ethylbenzene	465		12.5	2.50	µg/L	25	06/08/09 19:39
Xylenes (total)	1890		25.0	7.50	µg/L	25	05/08/09 19:39
Styrene	ND		12.5	2.50	µg/L	25	05/08/09 19:39
Bromoform	ND		25.0	8.25	µg/L	25	05/08/09 19:39
Isopropylbenzene	4.00	J	12.5	2.50	µg/L	25	05/08/09 19:39
1,1,2,2-Tetrachloroethane	ND		12.5	2.50	µg/L	25	05/08/09 19:39
1,3-Dichlorobenzene	ND		12.5	2.50	µg/L	25	05/08/09 19:39
1,4-Dichlorobenzene	4.00	J	12.5	4.00	µg/L	25	05/08/09 19:39
1,2-Dichlorobenzene	40.5		12.5	2.50	µg/L	25	05/08/09 19:39
1,2-Dibromo-3-chloropropane	ND		125	25.0	µg/L	25	05/08/09 19:39
1,2,4-Trichlorobenzene	ND		25.0	2.50	µg/L	25	05/08/09 19:39
Surr: 1,2-Dichloroethane-d4	100		75-134	4.00	%REC	25	05/08/09 19:39
Surr: Toluene-d8	106		75-125	2.50	%REC	25	05/08/09 19:39
Surr: 4-Bromofluorobenzene	109		75-125	2.50	%REC	25	05/08/09 19:39

Qualifiers:

* Value exceeds Maximum Contaminant Level
E Value exceeds the instrument calibration range
J Analyte detected below the PQL
P Prim./Conf. column %D or RPD exceeds limit

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Practical Quantitation Limit (PQL)
S Spike Recovery outside accepted recovery limits



Life Science Laboratories, Inc.

5000 Brittonfield Parkway, Suite 200
East Syracuse, NY 13057 (315) 437-0200

Analytical Results

StateCertNo: 10155

CLIENT: O'Brien & Gere Inc. of North America
Project: PAS Oswego, NY Semi Annual
W Order: 0905045
Matrix: WATER
Inst. ID: MS01 11
ColumnID: Rtx-VMS
Revision: 05/10/09 14:39
Col Type:

Lab ID: 0905045-005A
Client Sample ID: LCW-2
Collection Date: 05/07/09 14:30
Date Received: 05/07/09 16:00
PrepDate:
BatchNo: R17268
FileID: 1-SAMP-T5898.D

Sample Size: 10 mL
%Moisture:
TestCode: 8260W OLM42

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							SW8260B
Dichlorodifluoromethane	ND		5.00	0.50	µg/L	5	05/08/09 20:12
Chloromethane	ND		5.00	1.65	µg/L	5	05/08/09 20:12
Vinyl chloride	71.3		5.00	1.65	µg/L	5	05/08/09 20:12
Bromomethane	ND		5.00	1.65	µg/L	5	05/08/09 20:12
Chloroethane	18.4		5.00	1.65	µg/L	5	05/08/09 20:12
Trichlorofluoromethane	ND		5.00	0.50	µg/L	5	05/08/09 20:12
1,1-Dichloroethene	ND		2.50	0.80	µg/L	5	05/08/09 20:12
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.50	0.50	µg/L	5	05/08/09 20:12
Acetone	5.25	J	50.0	5.00	µg/L	5	05/08/09 20:12
Carbon disulfide	ND		2.50	0.55	µg/L	5	05/08/09 20:12
Methyl acetate	ND		25.0	5.00	µg/L	5	05/08/09 20:12
Methylene chloride	0.95	J	10.0	0.80	µg/L	5	05/08/09 20:12
trans-1,2-Dichloroethene	3.20		2.50	0.50	µg/L	5	05/08/09 20:12
Methyl tert-butyl ether	ND		5.00	0.80	µg/L	5	05/08/09 20:12
1,1-Dichloroethane	28.4		2.50	0.50	µg/L	5	05/08/09 20:12
cis-1,2-Dichloroethene	89.4		2.50	0.50	µg/L	5	05/08/09 20:12
2-Butanone	ND		50.0	5.00	µg/L	5	05/08/09 20:12
Chloroform	3.20		2.50	0.50	µg/L	5	05/08/09 20:12
1,1,1-Trichloroethane	9.75		2.50	0.50	µg/L	5	05/08/09 20:12
Cyclohexane	2.40	J	2.50	0.50	µg/L	5	05/08/09 20:12
Carbon tetrachloride	1.55	J	2.50	0.50	µg/L	5	05/08/09 20:12
Benzene	401	E	0.50	0.50	µg/L	5	05/08/09 20:12 5/10/09
1,2-Dichloroethane	5.20		2.50	0.80	µg/L	5	05/08/09 20:12
Trichloroethene	4.95		2.50	0.50	µg/L	5	05/08/09 20:12
Methylcyclohexane	ND		2.50	0.50	µg/L	5	05/08/09 20:12
1,2-Dichloropropane	ND		2.50	0.80	µg/L	5	05/08/09 20:12
Bromodichloromethane	ND		2.50	0.50	µg/L	5	05/08/09 20:12
cis-1,3-Dichloropropene	ND		2.50	0.80	µg/L	5	05/08/09 20:12
4-Methyl-2-pentanone	ND		25.0	5.00	µg/L	5	05/08/09 20:12
Toluene	5.60		2.50	0.50	µg/L	5	05/08/09 20:12
trans-1,3-Dichloropropene	ND		2.50	0.80	µg/L	5	05/08/09 20:12
1,1,2-Trichloroethane	2.10	J	2.50	0.80	µg/L	5	05/08/09 20:12
Tetrachloroethene	3.00		2.50	0.50	µg/L	5	05/08/09 20:12

Qualifiers: * Value exceeds Maximum Contaminant Level
 E Value exceeds the instrument calibration range
 J Analyte detected below the PQL
 P Prim/Conf. column %D or RPD exceeds limit
 B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 ND Not Detected at the Practical Quantitation Limit (PQL)
 S Spike Recovery outside accepted recovery limits



Life Science Laboratories, Inc.

5000 Brittonfield Parkway, Suite 200
East Syracuse, NY 13057 (315) 437-0200

Analytical Results

StateCertNo: 10155

CLIENT: O'Brien & Gere Inc. of North America
Project: PAS Oswego, NY Semi Annual
W Order: 0905045
Matrix: WATER
Inst. ID: MS01 11
ColumnID: Rtx-VMS
Revision: 05/10/09 14:39
Col Type:

Sample Size: 10 mL
%Moisture:
TestCode: 8260W OLM42

Lab ID: 0905045-005A
Client Sample ID: LCW-2
Collection Date: 05/07/09 14:30
Date Received: 05/07/09 16:00
PrepDate:
BatchNo: R17268
FileID: 1-SAMP-T5898.D

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS				SW8260B			
2-Hexanone	ND		25.0	5.00	µg/L	5	05/08/09 20:12
Dibromochloromethane	ND		2.50	0.50	µg/L	5	05/08/09 20:12
1,2-Dibromoethane	ND		2.50	0.80	µg/L	5	05/08/09 20:12
Chlorobenzene	93.2		2.50	0.50	µg/L	5	05/08/09 20:12
Ethylbenzene	156		2.50	0.50	µg/L	5	05/08/09 20:12
Xylenes (total)	108		5.00	1.50	µg/L	5	05/08/09 20:12
Styrene	ND		2.50	0.50	µg/L	5	05/08/09 20:12
Bromoform	ND		5.00	1.85	µg/L	5	05/08/09 20:12
Isopropylbenzene	6.15		2.50	0.50	µg/L	5	05/08/09 20:12
1,1,2,2-Tetrachloroethane	11.0		2.50	0.50	µg/L	5	05/08/09 20:12
1,3-Dichlorobenzene	0.75	J	2.50	0.50	µg/L	5	05/08/09 20:12
1,4-Dichlorobenzene	1.85	J	2.50	0.80	µg/L	5	05/08/09 20:12
1,2-Dichlorobenzene	11.2		2.50	0.50	µg/L	5	05/08/09 20:12
1,2-Dibromo-3-chloropropane	ND		25.0	5.00	µg/L	5	05/08/09 20:12
1,2,4-Trichlorobenzene	ND		5.00	0.50	µg/L	5	05/08/09 20:12
Surr: 1,2-Dichloroethane-d4	98		75-134	0.80	%REC	5	05/08/09 20:12
Surr: Toluene-d8	102		75-125	0.50	%REC	5	05/08/09 20:12
Surr: 4-Bromofluorobenzene	105		75-125	0.50	%REC	5	05/08/09 20:12

Qualifiers:
* Value exceeds Maximum Contaminant Level
E Value exceeds the instrument calibration range
J Analyte detected below the PQL
P Prim./Conf. column %D or RPD exceeds limit

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Practical Quantitation Limit (PQL)
S Spike Recovery outside accepted recovery limits



Life Science Laboratories, Inc.

5000 Brittonfield Parkway, Suite 200
East Syracuse, NY 13057 (315) 437-0200

Analytical Results

StateCertNo: 10155

CLIENT: O'Brien & Gere Inc. of North America
Project: PAS Oswego, NY Semi Annual
W Order: 0905045
Matrix: WATER
Inst. ID: MS01 11
ColumnID: Rtx-VMS
Revision: 05/11/09 15:39
Col Type:

Sample Size: 10 mL
%Moisture:
TestCode: 8260W OLM42

Lab ID: 0905045-005ADL
Client Sample ID: LCW-2
Collection Date: 05/07/09 14:30
Date Received: 05/07/09 16:00
PrepDate:
BatchNo: R17279
FileID: 1-DL-T5922.D

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS					SW8260B		
Dichlorodifluoromethane	ND		20.0	2.00	µg/L	20	05/10/09 16:35
Chloromethane	ND		20.0	6.60	µg/L	20	05/10/09 16:35
Vinyl chloride	67.0		20.0	6.60	µg/L	20	05/10/09 16:35
Bromomethane	ND		20.0	6.60	µg/L	20	05/10/09 16:35
Chloroethane	14.0	J	20.0	6.60	µg/L	20	05/10/09 16:35
Trichlorofluoromethane	ND		20.0	2.00	µg/L	20	05/10/09 16:35
1,1-Dichloroethene	ND		10.0	3.20	µg/L	20	05/10/09 16:35
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10.0	2.00	µg/L	20	05/10/09 16:35
Acetone	ND		200	20.0	µg/L	20	05/10/09 16:35
Carbon disulfide	ND		10.0	2.20	µg/L	20	05/10/09 16:35
Methyl acetate	ND		100	20.0	µg/L	20	05/10/09 16:35
Methylene chloride	ND		40.0	3.20	µg/L	20	05/10/09 16:35
trans-1,2-Dichloroethene	3.20	J	10.0	2.00	µg/L	20	06/10/09 16:35
Methyl tert-butyl ether	ND		20.0	3.20	µg/L	20	05/10/09 16:35
1,1-Dichloroethane	26.8		10.0	2.00	µg/L	20	05/10/09 16:35
cis-1,2-Dichloroethene	83.2		10.0	2.00	µg/L	20	05/10/09 16:35
2-Butanone	ND		200	20.0	µg/L	20	05/10/09 16:35
Chloroform	3.40	J	10.0	2.00	µg/L	20	05/10/09 16:35
1,1,1-Trichloroethane	9.40	J	10.0	2.00	µg/L	20	05/10/09 16:35
Cyclohexane	6.40	J	10.0	2.00	µg/L	20	05/10/09 16:35
Carbon tetrachloride	ND		10.0	2.00	µg/L	20	05/10/09 16:35
Benzene	40.1		10.0	2.00	µg/L	20	05/10/09 16:35
1,2-Dichloroethane	5.90	J	10.0	3.20	µg/L	20	05/10/09 16:35
Trichloroethene	4.80	J	10.0	2.00	µg/L	20	05/10/09 16:35
Methylcyclohexane	ND		10.0	2.00	µg/L	20	05/10/09 16:35
1,2-Dichloropropane	ND		10.0	3.20	µg/L	20	05/10/09 16:35
Bromodichloromethane	ND		10.0	2.00	µg/L	20	05/10/09 16:35
cis-1,3-Dichloropropene	ND		10.0	3.20	µg/L	20	05/10/09 16:35
4-Methyl-2-pentanone	ND		100	20.0	µg/L	20	05/10/09 16:35
Toluene	5.80	J	10.0	2.00	µg/L	20	05/10/09 16:35
trans-1,3-Dichloropropene	ND		10.0	3.20	µg/L	20	05/10/09 16:35
1,1,2-Trichloroethane	ND		10.0	3.20	µg/L	20	05/10/09 16:35
Tetrachloroethene	3.00	J	10.0	2.00	µg/L	20	05/10/09 16:35

Qualifiers: * Value exceeds Maximum Contaminant Level
 E Value exceeds the instrument calibration range
 J Analyte detected below the PQL
 P Prim./Conf. column %D or RPD exceeds limit
 B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 ND Not Detected at the Practical Quantitation Limit (PQL)
 S Spike Recovery outside accepted recovery limits



Life Science Laboratories, Inc.

5000 Brittonfield Parkway, Suite 200
East Syracuse, NY 13057 (315) 437-0200

Analytical Results

StateCertNo: 10155

CLIENT: O'Brien & Gere Inc. of North America
Project: PAS Oswego, NY Semi Annual

Lab ID: 0905045-005ADL
Client Sample ID: LCW-2

W Order: 0905045
Matrix: WATER

Collection Date: 05/07/09 14:30
Date Received: 05/07/09 16:00

Inst. ID: MS01 11
Column ID: Rtx-VMS

Sample Size: 10 mL
%Moisture:

PrepDate:
BatchNo: R17279

Revision: 05/11/09 15:39
Col Type:

TestCode: 8260W OLM42

FileID: K-DL-T5922.D

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS					SW8260B		
2-Hexanone	ND	100		20.0	µg/L	20	05/10/09 16:35
Dibromochloromethane	ND	10.0		2.00	µg/L	20	05/10/09 16:35
1,2-Dibromoethane	ND	10.0		3.20	µg/L	20	05/10/09 16:35
Chlorobenzene	92.8	10.0		2.00	µg/L	20	05/10/09 16:35
Ethylbenzene	153	10.0		2.00	µg/L	20	05/10/09 16:35
Xylenes (total)	109	20.0		6.00	µg/L	20	05/10/09 16:35
Styrene	ND	10.0		2.00	µg/L	20	05/10/09 16:35
Bromoform	ND	20.0		6.60	µg/L	20	05/10/09 16:35
Isopropylbenzene	5.80 J	10.0		2.00	µg/L	20	05/10/09 16:35
1,1,2,2-Tetrachloroethane	11.0	10.0		2.00	µg/L	20	05/10/09 16:35
1,3-Dichlorobenzene	ND	10.0		2.00	µg/L	20	05/10/09 16:35
1,4-Dichlorobenzene	ND	10.0		3.20	µg/L	20	05/10/09 16:35
1,2-Dichlorobenzene	10.8	10.0		2.00	µg/L	20	05/10/09 16:35
1,2-Dibromo-3-chloropropane	ND	100		20.0	µg/L	20	05/10/09 16:35
1,2,4-Trichlorobenzene	ND	20.0		2.00	µg/L	20	05/10/09 16:35
Surr: 1,2-Dichloroethane-d4	95	75-134		3.20	%REC	20	05/10/09 16:35
Surr: Toluene-d8	110	75-125		2.00	%REC	20	05/10/09 16:35
Surr: 4-Bromofluorobenzene	110	75-125		2.00	%REC	20	05/10/09 16:35

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Value exceeds the instrument calibration range
- J Analyte detected below the PQL
- P Prim./Conf. column %D or RPD exceeds limit

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Practical Quantitation Limit (PQL)
- S Spike Recovery outside accepted recovery limits



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Analytical Results

StateCertNo: 10155

CLIENT: O'Brien & Gere Inc. of North America

Project: PAS Oswego, NY Semi Annual

W Order: 0905051

Matrix: WATER

Inst. ID: MS01 11

ColumnID: Rtx-VMS

Revision: 05/15/09 8:04

Col Type:

Sample Size: 10 mL

%Moisture:

TestCode: 8260W OLM42

Lab ID: 0905051-001A

Client Sample ID: LR-6

Collection Date: 05/08/09 9:00

Date Received: 05/08/09 14:23

PrepDate:

BatchNo: R17322

FileID: 1-SAMP-T5954.D

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS					SW8260B		
Dichlorodifluoromethane	ND		1.00	0.10	µg/L	1	05/13/09 18:00
Chloromethane	ND		1.00	0.33	µg/L	1	05/13/09 18:00
Vinyl chloride	ND		1.00	0.33	µg/L	1	05/13/09 18:00
Bromomethane	ND		1.00	0.33	µg/L	1	05/13/09 18:00
Chloroethane	ND		1.00	0.33	µg/L	1	05/13/09 18:00
Trichlorofluoromethane	ND		1.00	0.10	µg/L	1	05/13/09 18:00
1,1-Dichloroethane	ND		0.50	0.16	µg/L	1	05/13/09 18:00
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.10	µg/L	1	05/13/09 18:00
Acetone	ND		10.0	1.00	µg/L	1	05/13/09 18:00
Carbon disulfide	ND		0.50	0.11	µg/L	1	05/13/09 18:00
Methyl acetate	ND		5.00	1.00	µg/L	1	05/13/09 18:00
Methylene chloride	ND		2.00	0.16	µg/L	1	05/13/09 18:00
trans-1,2-Dichloroethene	ND		0.50	0.10	µg/L	1	05/13/09 18:00
Methyl tert-butyl ether	ND		1.00	0.16	µg/L	1	05/13/09 18:00
1,1-Dichloroethane	2.09		0.50	0.10	µg/L	1	05/13/09 18:00
cis-1,2-Dichloroethene	ND		0.50	0.10	µg/L	1	05/13/09 18:00
2-Butanone	ND		10.0	1.00	µg/L	1	05/13/09 18:00
Chloroform	ND		0.50	0.10	µg/L	1	05/13/09 18:00
1,1,1-Trichloroethane	ND		0.50	0.10	µg/L	1	05/13/09 18:00
Cyclohexane	ND		0.50	0.10	µg/L	1	05/13/09 18:00
Carbon tetrachloride	ND		0.50	0.10	µg/L	1	05/13/09 18:00
Benzene	ND		0.50	0.10	µg/L	1	05/13/09 18:00
1,2-Dichloroethane	ND		0.50	0.16	µg/L	1	05/13/09 18:00
Trichloroethene	0.18		0.50	0.10	µg/L	1	05/13/09 18:00
Methylcyclohexane	ND		0.50	0.10	µg/L	1	05/13/09 18:00
1,2-Dichloropropane	ND		0.50	0.16	µg/L	1	05/13/09 18:00
Bromodichloromethane	ND		0.50	0.10	µg/L	1	05/13/09 18:00
cis-1,3-Dichloropropene	ND		0.50	0.16	µg/L	1	05/13/09 18:00
4-Methyl-2-pentanone	ND		5.00	1.00	µg/L	1	05/13/09 18:00
Toluene	ND		0.50	0.10	µg/L	1	05/13/09 18:00
trans-1,3-Dichloropropene	ND		0.50	0.16	µg/L	1	05/13/09 18:00
1,1,2-Trichloroethane	ND		0.50	0.16	µg/L	1	05/13/09 18:00
Tetrachloroethene	ND		0.50	0.10	µg/L	1	05/13/09 18:00

Qualifiers: * Value exceeds Maximum Contaminant Level
 E Value exceeds the instrument calibration range
 J Analyte detected below the PQL
 P Prim./Conf. column %D or RPD exceeds limit

B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 ND Not Detected at the Practical Quantitation Limit (PQL)
 S Spike Recovery outside accepted recovery limits



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(315) 437-0200

Analytical Results

StateCertNo: 10155

CLIENT: O'Brien & Gere Inc. of North America

Lab ID: 0905051-001A

Project: PAS Oswego, NY Semi Annual

Client Sample ID: LR-6

W Order: 0905051

Collection Date: 05/08/09 9:00

Matrix: WATER

Date Received: 05/08/09 14:23

Inst. ID: MS01 11

Sample Size: 10 mL

PrepDate:

ColumnID: Rtx-VMS

%Moisture:

BatchNo: R17322

Revision: 05/15/09 8:04

TestCode: 8260W OLM42

FileID: 1-SAMP-T5954.D

Col Type:

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS					SW8260B		
2-Hexanone	ND		5.00	1.00	µg/L	1	05/13/09 18:00
Dibromochloromethane	ND		0.50	0.10	µg/L	1	05/13/09 18:00
1,2-Dibromoethane	ND		0.50	0.16	µg/L	1	05/13/09 18:00
Chlorobenzene	ND		0.50	0.10	µg/L	1	05/13/09 18:00
Ethylbenzene	ND		0.50	0.10	µg/L	1	05/13/09 18:00
Xylenes (total)	ND		1.00	0.30	µg/L	1	05/13/09 18:00
Styrene	ND		0.50	0.10	µg/L	1	05/13/09 18:00
Bromoform	ND		1.00	0.33	µg/L	1	05/13/09 18:00
Isopropylbenzene	ND		0.50	0.10	µg/L	1	05/13/09 18:00
1,1,2,2-Tetrachloroethane	ND		0.50	0.10	µg/L	1	05/13/09 18:00
1,3-Dichlorobenzene	ND		0.50	0.10	µg/L	1	05/13/09 18:00
1,4-Dichlorobenzene	ND		0.50	0.16	µg/L	1	05/13/09 18:00
1,2-Dichlorobenzene	ND		0.50	0.10	µg/L	1	05/13/09 18:00
1,2-Dibromo-3-chloropropane	ND		5.00	1.00	µg/L	1	05/13/09 18:00
1,2,4-Trichlorobenzene	ND		1.00	0.10	µg/L	1	05/13/09 18:00
Surr: 1,2-Dichloroethane-d4	99		75-134	0.16	%REC	1	05/13/09 18:00
Surr: Toluene-d8	116		75-125	0.10	%REC	1	05/13/09 18:00
Surr: 4-Bromofluorobenzene	111		75-125	0.10	%REC	1	05/13/09 18:00

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Value exceeds the instrument calibration range
- J Analyte detected below the PQL
- P Prim./Conf. column %D or RPD exceeds limit

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Practical Quantitation Limit (PQL)
- S Spike Recovery outside accepted recovery limits



Life Science Laboratories, Inc.

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East Syracuse, NY 13057

(315) 437-0200

Analytical Results

StateCertNo: 10155

CLIENT: O'Brien & Gere Inc. of North America

Lab ID: -0905051-002A

Project: PAS Oswego, NY Semi Annual

Client Sample ID: M-22

W Order: 0905051

Collection Date: 05/08/09 10:45

Matrix: WATER

Date Received: 05/08/09 14:23

Inst. ID: MS01 11

Sample Size: 10 mL

PrepDate:

ColumnID: Rtx-VMS

%Moisture:

BatchNo: R17322

Revision: 05/15/09 8:04

TestCode: 8260W OLM42

FileID: 1-SAMP-T5955.D

Col Type:

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS					SW8260B		
Dichlorodifluoromethane	ND	1.00	0.10	µg/L	1	05/13/09 18:33	
Chloromethane	ND	1.00	0.33	µg/L	1	05/13/09 18:33	
Vinyl chloride	ND	1.00	0.33	µg/L	1	05/13/09 18:33	
Bromomethane	ND	1.00	0.33	µg/L	1	05/13/09 18:33	
Chloroethane	ND	1.00	0.33	µg/L	1	05/13/09 18:33	
Trichlorofluoromethane	ND	1.00	0.10	µg/L	1	05/13/09 18:33	
1,1-Dichloroethane	ND	0.50	0.16	µg/L	1	05/13/09 18:33	
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	0.50	0.10	µg/L	1	05/13/09 18:33	
Acetone	ND	10.0	1.00	µg/L	1	05/13/09 18:33	
Carbon disulfide	ND	0.50	0.11	µg/L	1	05/13/09 18:33	
Methyl acetate	ND	5.00	1.00	µg/L	1	05/13/09 18:33	
Methylene chloride	ND	2.00	0.16	µg/L	1	05/13/09 18:33	
trans-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1	05/13/09 18:33	
Methyl tert-butyl ether	ND	1.00	0.16	µg/L	1	05/13/09 18:33	
1,1-Dichloroethane	ND	0.50	0.10	µg/L	1	05/13/09 18:33	
cis-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1	05/13/09 18:33	
2-Butanone	ND	10.0	1.00	µg/L	1	05/13/09 18:33	
Chloroform	ND	0.50	0.10	µg/L	1	05/13/09 18:33	
1,1,1-Trichloroethane	ND	0.50	0.10	µg/L	1	05/13/09 18:33	
Cyclohexane	ND	0.50	0.10	µg/L	1	05/13/09 18:33	
Carbon tetrachloride	ND	0.50	0.10	µg/L	1	05/13/09 18:33	
Benzene	ND	0.50	0.10	µg/L	1	05/13/09 18:33	
1,2-Dichloroethane	ND	0.50	0.16	µg/L	1	05/13/09 18:33	
Trichloroethene	ND	0.50	0.10	µg/L	1	05/13/09 18:33	
Methylcyclohexane	ND	0.50	0.10	µg/L	1	05/13/09 18:33	
1,2-Dichloropropane	ND	0.50	0.16	µg/L	1	05/13/09 18:33	
Bromodichloromethane	ND	0.50	0.10	µg/L	1	05/13/09 18:33	
cis-1,3-Dichloropropene	ND	0.50	0.16	µg/L	1	05/13/09 18:33	
4-Methyl-2-pentanone	ND	5.00	1.00	µg/L	1	05/13/09 18:33	
Toluene	ND	0.50	0.10	µg/L	1	05/13/09 18:33	
trans-1,3-Dichloropropane	ND	0.50	0.16	µg/L	1	05/13/09 18:33	
1,1,2-Trichloroethane	ND	0.50	0.16	µg/L	1	05/13/09 18:33	
Tetrachloroethene	ND	0.50	0.10	µg/L	1	05/13/09 18:33	

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Value exceeds the instrument calibration range
- J Analyte detected below the PQL
- P Prim./Conf. column %D or RPD exceeds limit

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Practical Quantitation Limit (PQL)
- S Spike Recovery outside accepted recovery limits



Life Science Laboratories, Inc.

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Analytical Results

StateCertNo: 10155

CLIENT: O'Brien & Gere Inc. of North America

Lab ID: 0905051-002A

Project: PAS Oswego, NY Semi Annual

Client Sample ID: M-22

W Order: 0905051

Collection Date: 05/08/09 10:45

Matrix: WATER

Date Received: 05/08/09 14:23

Inst. ID: MS01 11

Sample Size: 10 mL

PrepDate:

ColumnID: Rtx-VMS

%Moisture:

BatchNo:

Revision: 05/15/09 8:04

TestCode: 8260W OLM42

FileID:

R17322

1-SAMP-T5955.D

Col Type:

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS				SW8260B			
2-Hexanone	ND		5.00	1.00	µg/L	1	05/13/09 18:33
Dibromochloromethane	ND		0.50	0.10	µg/L	1	05/13/09 18:33
1,2-Dibromoethane	ND		0.50	0.18	µg/L	1	05/13/09 18:33
Chlorobenzene	ND		0.50	0.10	µg/L	1	05/13/09 18:33
Ethylbenzene	ND		0.50	0.10	µg/L	1	05/13/09 18:33
Xylenes (total)	ND		1.00	0.30	µg/L	1	05/13/09 18:33
Styrene	ND		0.50	0.10	µg/L	1	05/13/09 18:33
Bromoforn	ND		1.00	0.33	µg/L	1	05/13/09 18:33
Isopropylbenzene	ND		0.50	0.10	µg/L	1	05/13/09 18:33
1,1,2,2-Tetrachloroethane	ND		0.50	0.10	µg/L	1	05/13/09 18:33
1,3-Dichlorobenzene	ND		0.50	0.10	µg/L	1	05/13/09 18:33
1,4-Dichlorobenzene	ND		0.50	0.16	µg/L	1	05/13/09 18:33
1,2-Dichlorobenzene	ND		0.50	0.10	µg/L	1	05/13/09 18:33
1,2-Dibromo-3-chloropropane	ND		5.00	1.00	µg/L	1	05/13/09 18:33
1,2,4-Trichlorobenzene	ND		1.00	0.10	µg/L	1	05/13/09 18:33
Surr: 1,2-Dichloroethane-d4	99		75-134	0.16	%REC	1	05/13/09 18:33
Surr: Toluene-d8	118		75-125	0.10	%REC	1	05/13/09 18:33
Surr: 4-Bromofluorobenzene	112		75-125	0.10	%REC	1	05/13/09 18:33

Qualifiers: * Value exceeds Maximum Contaminant Level
 B Value exceeds the instrument calibration range
 J Analyte detected below the PQL
 P Prim./Conf. column %D or RPD exceeds limit

B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 ND Not Detected at the Practical Quantitation Limit (PQL)
 S Spike Recovery outside accepted recovery limits

Print Date: 05/15/09 8:05

447892

Project Supervisor: Pamela J. Titus



Life Science Laboratories, Inc.

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East Syracuse, NY 13057 (315) 437-0200

Analytical Results

StateCertNo: 10155

CLIENT: O'Brien & Gere Inc. of North America

Lab ID: 0905051-003A

Project: PAS Oswego, NY Semi Annual

Client Sample ID: M-23

W Order: 0905051

Collection Date: 05/08/09 12:30

Matrix: WATER

Date Received: 05/08/09 14:23

Inst. ID: MS01 11

Sample Size: 10 mL

PrepDate:

ColumnID: Rtx-VMS

%Moisture:

BatchNo: R17322

Revision: 05/15/09 8:04

TestCode: 8260W OLM42

FileID: 1-SAMP-T5956.D

Col Type:

OV

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS				SWB260B			
Dichlorodifluoromethane	ND		1.00	0.10	µg/L	1	05/13/09 19:06
Chloromethane	ND		1.00	0.33	µg/L	1	05/13/09 19:06
Vinyl chloride	ND		1.00	0.33	µg/L	1	05/13/09 19:06
Bromomethane	ND		1.00	0.33	µg/L	1	05/13/09 19:06
Chloroethane	1.18		1.00	0.33	µg/L	1	05/13/09 19:06
Trichlorofluoromethane	ND		1.00	0.10	µg/L	1	05/13/09 19:06
1,1-Dichloroethene	ND		0.50	0.16	µg/L	1	05/13/09 19:06
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.10	µg/L	1	05/13/09 19:06
Acetone	1.11	J	10.0	1.00	µg/L	1	05/13/09 19:06
Carbon disulfide	ND		0.50	0.11	µg/L	1	05/13/09 19:06
Methyl acetate	ND		5.00	1.00	µg/L	1	05/13/09 19:06
Methylene chloride	ND		2.00	0.18	µg/L	1	05/13/09 19:06
trans-1,2-Dichloroethene	ND		0.50	0.10	µg/L	1	05/13/09 19:06
Methyl tert-butyl ether	ND		1.00	0.18	µg/L	1	05/13/09 19:06
1,1-Dichloroethane	0.82		0.50	0.10	µg/L	1	05/13/09 19:06
cis-1,2-Dichloroethane	ND		0.50	0.10	µg/L	1	05/13/09 19:06
2-Butanone	ND		10.0	1.00	µg/L	1	05/13/09 19:06
Chloroform	ND		0.50	0.10	µg/L	1	05/13/09 19:06
1,1,1-Trichloroethane	ND		0.50	0.10	µg/L	1	05/13/09 19:06
Cyclohexane	ND		0.50	0.10	µg/L	1	05/13/09 19:06
Carbon tetrachloride	ND		0.50	0.10	µg/L	1	05/13/09 19:06
Benzene	ND		0.50	0.10	µg/L	1	05/13/09 19:06
1,2-Dichloroethane	ND		0.50	0.16	µg/L	1	05/13/09 19:06
Trichloroethene	ND		0.50	0.10	µg/L	1	05/13/09 19:06
Methylcyclohexane	ND		0.50	0.10	µg/L	1	05/13/09 19:06
1,2-Dichloropropane	ND		0.50	0.18	µg/L	1	05/13/09 19:06
Bromodichloromethane	ND		0.50	0.10	µg/L	1	05/13/09 19:06
cis-1,3-Dichloropropene	ND		0.50	0.16	µg/L	1	05/13/09 19:06
4-Methyl-2-pentanone	ND		5.00	1.00	µg/L	1	05/13/09 19:06
Toluene	ND		0.50	0.10	µg/L	1	05/13/09 19:06
trans-1,3-Dichloropropene	ND		0.50	0.16	µg/L	1	05/13/09 19:06
1,1,2-Trichloroethane	ND		0.50	0.16	µg/L	1	05/13/09 19:06
Tetrachloroethene	ND		0.50	0.10	µg/L	1	05/13/09 19:06

Qualifiers: * Value exceeds Maximum Contaminant Level
 E Value exceeds the instrument calibration range
 J Analyte detected below the PQL
 P Prim/Conf. column %D or RPD exceeds limit

B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 ND Not Detected at the Practical Quantitation Limit (PQL)
 S Spike Recovery outside accepted recovery limits



Life Science Laboratories, Inc.

5000 Brittonfield Parkway, Suite 200

East Syracuse, NY 13057

(315) 437-0200

Analytical Results

StateCertNo: 10155

CLIENT: O'Brien & Gere Inc. of North America

Lab ID: 0905051-003A

Project: PAS Oswego, NY Semi Annual

Client Sample ID: M-23

W Order: 0905051

Collection Date: 05/08/09 12:30

Matrix: WATER

Date Received: 05/08/09 14:23

Inst. ID: MS01 11

Sample Size: 10 mL

PrepDate:

ColumnID: Rtx-VMS

%Moisture:

BatchNo: R17322

Revision: 05/15/09 8:04

TestCode: 8260W OLM42

FileID:

1-SAMP-T5956.D

Col Type:

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS					SW8260B		
2-Hexanone	ND		5.00	1.00	µg/L	1	05/13/09 19:06
Dibromochloromethane	ND		0.50	0.10	µg/L	1	05/13/09 19:06
1,2-Dibromoethane	ND		0.50	0.16	µg/L	1	05/13/09 19:06
Chlorobenzene	ND		0.50	0.10	µg/L	1	05/13/09 19:06
Ethylbenzene	ND		0.50	0.10	µg/L	1	05/13/09 19:06
Xylenes (total)	ND		1.00	0.30	µg/L	1	05/13/09 19:06
Styrene	ND		0.50	0.10	µg/L	1	05/13/09 19:06
Bromoform	ND		1.00	0.33	µg/L	1	05/13/09 19:06
Isopropylbenzene	ND		0.50	0.10	µg/L	1	05/13/09 19:06
1,1,2,2-Tetrachloroethane	ND		0.50	0.10	µg/L	1	05/13/09 19:06
1,3-Dichlorobenzene	ND		0.50	0.10	µg/L	1	05/13/09 19:06
1,4-Dichlorobenzene	ND		0.50	0.16	µg/L	1	05/13/09 19:06
1,2-Dichlorobenzene	ND		0.60	0.10	µg/L	1	05/13/09 19:06
1,2-Dibromo-3-chloropropane	ND		5.00	1.00	µg/L	1	05/13/09 19:06
1,2,4-Trichlorobenzene	ND		1.00	0.10	µg/L	1	05/13/09 19:06
Surr: 1,2-Dichloroethane-d4	98		75-134	0.16	%REC	1	05/13/09 19:06
Surr: Toluene-d8	117		75-125	0.10	%REC	1	05/13/09 19:06
Surr: 4-Bromofluorobenzene	111		75-125	0.10	%REC	1	05/13/09 19:06

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Value exceeds the instrument calibration range
- J Analyte detected below the PQL
- P Prim./Conf. column %D or RPD exceeds limit

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Practical Quantitation Limit (PQL)
- S Spike Recovery outside accepted recovery limits



Life Science Laboratories, Inc.

5000 Brittonfield Parkway, Suite 200
East Syracuse, NY 13057 (315) 437-0200

Analytical Results

StateCertNo: 10155

CLIENT: O'Brien & Gere Inc. of North America
Project: PAS Oswego, NY Semi Annual
W Order: 0905051
Matrix: WATER Q
Inst. ID: MS01 11
ColumnID: Rtx-VMS
Revision: 05/15/09 8:04
Col Type:

Lab ID: 0905051-004A
Client Sample ID: QC Trip Blank
Collection Date: 05/08/09 9:00
Date Received: 05/08/09 14:23
PrepDate:
BatchNo: R17322
FileID: 1-SAMP-T5957.D

Sample Size: 10 mL
%Moisture:
TestCode: 8260W OLM42

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS					SW8260B		
Dichlorodifluoromethane	ND	1.00	0.10	µg/L	1	05/13/09 19:39	
Chloromethane	ND	1.00	0.33	µg/L	1	05/13/09 19:39	
Vinyl chloride	ND	1.00	0.33	µg/L	1	05/13/09 19:39	
Bromomethane	ND	1.00	0.33	µg/L	1	05/13/09 19:39	
Chloroethane	ND	1.00	0.33	µg/L	1	06/13/09 19:39	
Trichlorofluoromethane	ND	1.00	0.10	µg/L	1	05/13/09 19:39	
1,1-Dichloroethene	ND	0.50	0.16	µg/L	1	05/13/09 19:39	
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	0.50	0.10	µg/L	1	05/13/09 19:39	
Acetone	ND	10.0	1.00	µg/L	1	05/13/09 19:39	
Carbon disulfide	ND	0.50	0.11	µg/L	1	05/13/09 19:39	
Methyl acetate	ND	5.00	1.00	µg/L	1	05/13/09 19:39	
Methylene chloride	ND	2.00	0.16	µg/L	1	05/13/09 19:39	
trans-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1	05/13/09 19:39	
Methyl tert-butyl ether	ND	1.00	0.16	µg/L	1	05/13/09 19:39	
1,1-Dichloroethane	ND	0.50	0.10	µg/L	1	05/13/09 19:39	
cis-1,2-Dichloroethene	ND	0.50	0.10	µg/L	1	05/13/09 19:39	
2-Butanone	ND	10.0	1.00	µg/L	1	05/13/09 19:39	
Chloroform	ND	0.50	0.10	µg/L	1	05/13/09 19:39	
1,1,1-Trichloroethane	ND	0.50	0.10	µg/L	1	05/13/09 19:39	
Cyclohexane	ND	0.50	0.10	µg/L	1	05/13/09 19:39	
Carbon tetrachloride	ND	0.50	0.10	µg/L	1	05/13/09 19:39	
Benzene	ND	0.50	0.10	µg/L	1	05/13/09 19:39	
1,2-Dichloroethane	ND	0.50	0.16	µg/L	1	05/13/09 19:39	
Trichloroethene	ND	0.50	0.10	µg/L	1	05/13/09 19:39	
Methylcyclohexane	ND	0.50	0.10	µg/L	1	05/13/09 19:39	
1,2-Dichloropropane	ND	0.50	0.16	µg/L	1	05/13/09 19:39	
Bromodichloromethane	ND	0.50	0.10	µg/L	1	05/13/09 19:39	
cis-1,3-Dichloropropene	ND	0.50	0.16	µg/L	1	05/13/09 19:39	
4-Methyl-2-pentanone	ND	5.00	1.00	µg/L	1	05/13/09 19:39	
Toluene	ND	0.50	0.10	µg/L	1	05/13/09 19:39	
trans-1,3-Dichloropropene	ND	0.50	0.16	µg/L	1	05/13/09 19:39	
1,1,2-Trichloroethane	ND	0.50	0.16	µg/L	1	05/13/09 19:39	
Tetrachloroethene	ND	0.50	0.10	µg/L	1	05/13/09 19:39	

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Value exceeds the instrument calibration range
- J Analyte detected below the PQL
- P Prim./Conf. column %D or RPD exceeds limit
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Practical Quantitation Limit (PQL)
- S Spike Recovery outside accepted recovery limits



Life Science Laboratories, Inc.

5000 Brittonfield Parkway, Suite 200

East Syracuse, NY 13057

(315) 437-0200

Analytical Results

StateCertNo: 10155

CLIENT: O'Brien & Gere Inc. of North America

Project: PAS Oswego, NY Semi Annual

W Order: 0905051

Matrix: WATER Q

Inst. ID: MS01 11

ColumnID: Rtx-VMS

Revision: 05/15/09 8:04

Col Type:

Sample Size: 10 mL

%Moisture:

TestCode: 8260W OLM42

Lab ID: 0905051-004A

Client Sample ID: QC Trip Blank

Collection Date: 05/08/09 9:00

Date Received: 05/08/09 14:23

PrepDate:

BatchNo: R17322

FileID: 1-SAMP-T5957.D

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS					SW8260B		
2-Hexanone	ND	5.00	1.00	µg/L	1	05/13/09 19:39	
Dibromochloromethane	ND	0.50	0.10	µg/L	1	05/13/09 19:39	
1,2-Dibromoethane	ND	0.50	0.16	µg/L	1	05/13/09 19:39	
Chlorobenzene	ND	0.50	0.10	µg/L	1	05/13/09 19:39	
Ethylbenzene	ND	0.50	0.10	µg/L	1	05/13/09 19:39	
Xylenes (total)	ND	1.00	0.30	µg/L	1	05/13/09 19:39	
Styrene	ND	0.50	0.10	µg/L	1	05/13/09 19:39	
Bromoforn	ND	1.00	0.33	µg/L	1	05/13/09 19:39	
Isopropylbenzene	ND	0.50	0.10	µg/L	1	05/13/09 19:39	
1,1,2,2-Tetrachloroethane	ND	0.50	0.10	µg/L	1	05/13/09 19:39	
1,3-Dichlorobenzene	ND	0.50	0.10	µg/L	1	05/13/09 19:39	
1,4-Dichlorobenzene	ND	0.50	0.16	µg/L	1	05/13/09 19:39	
1,2-Dichlorobenzene	ND	0.50	0.10	µg/L	1	05/13/09 19:39	
1,2-Dibromo-3-chloropropane	ND	5.00	1.00	µg/L	1	05/13/09 19:39	
1,2,4-Trichlorobenzene	ND	1.00	0.10	µg/L	1	05/13/09 19:39	
Surr: 1,2-Dichloroethane-d4	99	75-134	0.16	%REC	1	05/13/09 19:39	
Surr: Toluene-d8	117	75-125	0.10	%REC	1	05/13/09 19:39	
Surr: 4-Bromofluorobenzene	112	75-125	0.10	%REC	1	05/13/09 19:39	

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Value exceeds the instrument calibration range
- J Analyte detected below the PQL
- P Prim./Conf. column %D or RPD exceeds limit

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Practical Quantitation Limit (PQL)
- S Spike Recovery outside accepted recovery limits



Life Science Laboratories, Inc.
 5000 Brittonfield Parkway, Suite 200
 East Syracuse, NY 13057 (315) 437-0200

Analytical Results

StateCertNo: 10155

CLIENT: O'Brien & Gere Inc. of North America
Project: PAS Oswego, NY Semi Annual
W Order: 0905045
Matrix: WATER

Lab ID: 0905045-004B
Client Sample ID: LCW-4
Collection Date: 05/07/09 12:20
Date Received: 05/07/09 16:00

Analyte	Result	Qual	PQL Units	DF	Date Analyzed
BIOCHEMICAL OXYGEN DEMAND (BOD5)			SM 18-20 5210 B		
Biochemical oxygen demand (BOD5)	33		5.0 mg/L	1	05/07/09 16:28
RESIDUE-FILTERABLE (TDS)			SM 18-20 2540 C		
Residue-filterable (TDS)	1600		10 mg/L	1	05/08/09 15:00
RESIDUE-NON-FILTERABLE (TSS)			SM 18-20 2540 D		
Residue-non-filterable (TSS)	94		5.0 mg/L	1	05/08/09 13:13

- Qualifiers:**
- * Value exceeds Maximum Contaminant Level
 - E Value exceeds the instrument calibration range
 - J Analyte detected below the PQL
 - P Prim./Coef. column %D or RPD exceeds limit
 - B Analyte detected in the associated Method Blank
 - H Holding times for preparation or analysis exceeded
 - ND Not Detected at the Practical Quantitation Limit (PQL)
 - S Spike Recovery outside accepted recovery limits



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Analytical Results

StateCertNo: 10155

CLIENT: O'Brien & Gere Inc. of North America
Project: PAS Oswego, NY Semi Annual
W Order: 0905045
Matrix: WATER

Lab ID: 0905045-004C
Client Sample ID: LCW-4
Collection Date: 05/07/09 12:20
Date Received: 05/07/09 16:00

Analyte	Result	Qual	PQL Units	DF	Date Analyzed
COD Chemical Oxygen Demand	210		EPA 410.4 20 mg/L	2	05/12/09 10:05

- Qualifiers:**
- * Value exceeds Maximum Contaminant Level
 - E Value exceeds the instrument calibration range
 - J Analyte detected below the PQL
 - P Prim./Conf. column %D or RPD exceeds limit
 - B Analyte detected in the associated Method Blank
 - H Holding times for preparation or analysis exceeded
 - ND Not Detected at the Practical Quantitation Limit (PQL)
 - S Spike Recovery outside accepted recovery limits



Life Science Laboratories, Inc.
 5000 Brittonfield Parkway, Suite 200
 East Syracuse, NY 13057 (315) 437-0200

Analytical Results

StateCertNo: 10155

CLIENT: O'Brien & Gere Inc. of North America
Project: PAS Oswego, NY Semi Annual
W Order: 0905045
Matrix: WATER

Lab ID: 0905045-004D
Client Sample ID: LCW-4
Collection Date: 05/07/09 12:20
Date Received: 05/07/09 16:00

Analyte	Result	Qual	PQL Units	DF	Date Analyzed
ORGANIC CARBON-TOTAL (TOC)			SM 18-20 5310 B		
Organic carbon-Total (TOC)	67		5.0 mg/L	5	05/19/09 13:26

- Qualifiers:**
- * Value exceeds Maximum Contaminant Level
 - E Value exceeds the instrument calibration range
 - J Analyte detected below the PQL
 - P Prim./Conf. column %D or RPD exceeds limit
 - B Analyte detected in the associated Method Blank
 - H Holding times for preparation or analysis exceeded
 - ND Not Detected at the Practical Quantitation Limit (PQL)
 - S Spike Recovery outside accepted recovery limits



Life Science Laboratories, Inc.
 5000 Brittonfield Parkway, Suite 200
 East Syracuse, NY 13057 (315) 437-0200

Analytical Results

StateCertNo: 10155

CLIENT: O'Brien & Gere Inc. of North America
Project: PAS Oswego, NY Semi Annual
W Order: 0905045
Matrix: WATER

Lab ID: 0905045-005B
Client Sample ID: LCW-2
Collection Date: 05/07/09 14:30
Date Received: 05/07/09 16:00

Analyte	Result	Qual	PQL Units	DF	Date Analyzed
BIOCHEMICAL OXYGEN DEMAND (BOD5)			SM 18-20 5210 B		
Biochemical oxygen demand (BOD5)	49		5.0 mg/L	1	05/07/09 16:28
RESIDUE-FILTERABLE (TDS)			SM 18-20 2540 C		
Residue-filterable (TDS)	1400		10 mg/L	1	05/09/09 15:00
RESIDUE-NON-FILTERABLE (TSS)			SM 18-20 2540 D		
Residue-non-filterable (TSS)	57		5.0 mg/L	1	05/09/09 13:13

- Qualifiers:**
- * Value exceeds Maximum Contaminant Level
 - E Value exceeds the instrument calibration range
 - J Analyte detected below the PQL
 - P Prim./Conf. column %D or RPD exceeds limit
 - B Analyte detected in the associated Method Blank
 - H Holding times for preparation or analysis exceeded
 - ND Not Detected at the Practical Quantitation Limit (PQL)
 - S Spike Recovery outside accepted recovery limits



Life Science Laboratories, Inc.
 5000 Brittonfield Parkway, Suite 200
 East Syracuse, NY 13057 (315) 437-0200

Analytical Results

StateCertNo: 10155

CLIENT: O'Brien & Gere Inc. of North America
Project: PAS Oswego, NY Semi Annual
W Order: 0905045
Matrix: WATER

Lab ID: 0905045-005C
Client Sample ID: LCW-2
Collection Date: 05/07/09 14:30
Date Received: 05/07/09 16:00

Analyte	Result	Qual	PQL Units	DF	Date Analyzed
COD			EPA 410.4		
Chemical Oxygen Demand	200		20 mg/L	2	05/12/09 10:05

- Qualifiers:**
- * Value exceeds Maximum Contaminant Level
 - E Value exceeds the instrument calibration range
 - J Analyte detected below the PQL
 - P Prim./Conf. column %D or RPD exceeds limit
 - B Analyte detected in the associated Method Blank
 - H Holding times for preparation or analysis exceeded
 - ND Not Detected at the Practical Quantitation Limit (PQL)
 - S Spike Recovery outside accepted recovery limits



Life Science Laboratories, Inc.
 5000 Brittonfield Parkway, Suite 200
 East Syracuse, NY 13057 (315) 437-0200

Analytical Results

StateCertNo: 10155

CLIENT: O'Brien & Gere Inc. of North America
Project: PAS Oswego, NY Semi Annual
W Order: 0905045
Matrix: WATER

Lab ID: 0905045-005D
Client Sample ID: LCW-2
Collection Date: 05/07/09 14:30
Date Received: 05/07/09 16:00

Analyte	Result	Qual	PQL Units	DF	Date Analyzed
ORGANIC CARBON-TOTAL (TOC)			SM 18-20 5310 B		
Organic carbon-Total (TOC)	63		5.0 mg/L	5	05/19/08 13:33

- Qualifiers:**
- * Value exceeds Maximum Contaminant Level
 - E Value exceeds the instrument calibration range
 - J Analyte detected below the PQL
 - P Prim./Conf. column %D or RPD exceeds limit
 - B Analyte detected in the associated Method Blank
 - H Holding times for preparation or analysis exceeded
 - ND Not Detected at the Practical Quantitation Limit (PQL)
 - S Spike Recovery outside accepted recovery limits

ATTACHMENT D-6

ADDITIONAL LEACHATE SAMPLING DATA



Life Science Laboratories, Inc.

5000 Brittonfield Parkway, Suite 200

East Syracuse, NY 13057

(315) 437-0200

Thursday, May 21, 2009

Kevin Stone

O'Brien & Gere Inc. of North America

5000 Brittonfield Parkway

PO Box 4873

Syracuse, NY 13221-4873

TEL: 315-437-6100

Project: PAS OSWEGO-PUMP & TREAT

RE: Analytical Results

Order No.: 0905031

Dear Kevin Stone:

Life Science Laboratories, Inc. received 2 sample(s) on 5/6/2009 for the analyses presented in the following report. Sample results relate only to the samples as received by the laboratory.

Very truly yours,

Life Science Laboratories, Inc.

Pamela J. Titus

Project Manager



Life Science Laboratories, Inc.

5000 Brittonfield Parkway, Suite 200

East Syracuse, NY 13057

(315) 437-0200

Analytical Results

StateCertNo: 10155

CLIENT: O'Brien & Gere Inc. of North America

Project: PAS Oswego-Pump & Treat

W Order: 0905031

Matrix: WATER

Inst. ID: MS01 11

ColumnID: Rtx-VMS

Revision: 05/11/09 16:00

Col Type:

Sample Size: 10 mL

%Moisture:

TestCode 624W

Lab ID: 0905031-001A

Client Sample ID: Post .5 ml Bag Filter

Collection Date: 05/06/09 7:45

Date Received: 05/06/09 14:15

PrepDate:

BatchNo: R17269

FileID: 1-SAMP-T5911.D

Analyte	Result	Qual	PQL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS				EPA 624		
Benzene	137	E	1.00	µg/L	1	05/09/09 3:55
cis-1,2-Dichloroethene	105	E	1.00	µg/L	1	05/09/09 3:55
Methylene chloride	1.14		1.00	µg/L	1	05/09/09 3:55
Toluene	161	E	1.00	µg/L	1	05/09/09 3:55
trans-1,2-Dichloroethene	1.39		1.00	µg/L	1	05/09/09 3:55
Trichloroethene	2.86		1.00	µg/L	1	05/09/09 3:55
Vinyl chloride	43.3	E	2.00	µg/L	1	05/09/09 3:55
Surr: 1,2-Dichloroethane-d4	103		75-134	%REC	1	05/09/09 3:55
Surr: 4-Bromofluorobenzene	107		75-125	%REC	1	05/09/09 3:55
Surr: Toluene-d8	55	S	75-125	%REC	1	05/09/09 3:55

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Value exceeds the instrument calibration range
- J Analyte detected below the PQL
- P Prim./Conf. column %D or RPD exceeds limit

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Practical Quantitation Limit (PQL)
- S Spike Recovery outside accepted recovery limits



Life Science Laboratories, Inc.

5000 Brittonfield Parkway, Suite 200
East Syracuse, NY 13057 (315) 437-0200

Analytical Results

StateCertNo: 10155

CLIENT: O'Brien & Gere Inc. of North America
Project: PAS Oswego-Pump & Treat

Lab ID: 0905031-001ADL
Client Sample ID: Post .5 ml Bag Filter

W Order: 0905031
Matrix: WATER

Collection Date: 05/06/09 7:45
Date Received: 05/06/09 14:15

Inst. ID: MS01 11 Sample Size: 10 mL

PrepDate:

ColumnID: Rtx-VMS %Moisture:

BatchNo: R17301

Revision: 05/13/09 11:56 TestCode 624W

FileID: 1-DL-T5941.D

Col Type:

Analyte	Result	Qual	PQL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS				EPA 624		
Benzene	243		10.0	µg/L	10	05/11/09 20:00
cis-1,2-Dichloroethene	84.3		10.0	µg/L	10	05/11/09 20:00
Methylene chloride	ND		10.0	µg/L	10	05/11/09 20:00
Toluene	149		10.0	µg/L	10	05/11/09 20:00
trans-1,2-Dichloroethene	ND		10.0	µg/L	10	05/11/09 20:00
Trichloroethene	ND		10.0	µg/L	10	05/11/09 20:00
Vinyl chloride	41.1		20.0	µg/L	10	05/11/09 20:00
Surr: 1,2-Dichloroethane-d4	98		75-134	%REC	10	05/11/09 20:00
Surr: 4-Bromofluorobenzene	108		75-125	%REC	10	05/11/09 20:00
Surr: Toluene-d8	100		75-125	%REC	10	05/11/09 20:00

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Value exceeds the instrument calibration range
- J Analyte detected below the PQL
- P Prim./Conf. column %D or RPD exceeds limit

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Practical Quantitation Limit (PQL)
- S Spike Recovery outside accepted recovery limits



Life Science Laboratories, Inc.

5000 Brittonfield Parkway, Suite 200
East Syracuse, NY 13057 (315) 437-0200

Analytical Results

StateCertNo: 10155

CLIENT: O'Brien & Gere Inc. of North America	Lab ID: 0905031-001B
Project: PAS Oswego-Pump & Treat	Client Sample ID: Post .5 ml Bag Filter
W Order: 0905031	Collection Date: 05/06/09 7:45
Matrix: WATER	Date Received: 05/06/09 14:15
Inst. ID: ICAP 61E	PrepDate: 05/14/09 0:00
ColumnID:	BatchNo: 9425/R17368
Revision: 05/18/09 14:12	FileID: 1-SAMP-105827
Col Type:	

Analyte	Result	Qual	PQL	Units	DF	Date Analyzed
TOTAL METALS BY ICP			EPA 200.7		(E200.2)	
Arsenic	0.015		0.010	mg/L	1	05/15/09 12:27
Barium	0.33		0.10	mg/L	1	05/15/09 12:27
Chromium	0.015		0.010	mg/L	1	05/15/09 12:27
Copper	ND		0.010	mg/L	1	05/15/09 12:27
Iron	9.0		0.050	mg/L	1	05/15/09 12:27
Lead	ND		0.010	mg/L	1	05/15/09 12:27
Nickel	0.66		0.050	mg/L	1	05/15/09 12:27
Zinc	ND		0.020	mg/L	1	05/15/09 12:27

Qualifiers:	* Value exceeds Maximum Contaminant Level	B Analyte detected in the associated Method Blank
	E Value exceeds the instrument calibration range	H Holding times for preparation or analysis exceeded
	J Analyte detected below the PQL	ND Not Detected at the Practical Quantitation Limit (PQL)
	P Prim./Conf. column %D or RPD exceeds limit	S Spike Recovery outside accepted recovery limits



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Analytical Results

StateCertNo: 10155

CLIENT: O'Brien & Gere Inc. of North America
Project: PAS Oswego-Pump & Treat
W Order: 0905031
Matrix: WATER

Lab ID: 0905031-001C
Client Sample ID: Post .5 ml Bag Filter
Collection Date: 05/06/09 7:45
Date Received: 05/06/09 14:15

Analyte	Result	Qual	PQL Units	DF	Date Analyzed
PHENOLICS, TOTAL RECOVERABLE			EPA 420.1	(E420.1)	
Phenolics, Total Recoverable	0.13		0.050 mg/L	10	05/11/09 10:04

- Qualifiers:**
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 - P Prim./Conf. column %D or RPD exceeds limit
 - B Analyte detected in the associated Method Blank
 - H Holding times for preparation or analysis exceeded
 - ND Not Detected at the Practical Quantitation Limit (PQL)
 - S Spike Recovery outside accepted recovery limits



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Analytical Results

StateCertNo: 10155

CLIENT: O'Brien & Gere Inc. of North America
Project: PAS Oswego-Pump & Treat
W Order: 0905031
Matrix: WATER

Lab ID: 0905031-001D
Client Sample ID: Post .5 ml Bag Filter
Collection Date: 05/06/09 7:45
Date Received: 05/06/09 14:15

Analyte	Result	Qual	PQL Units	DF	Date Analyzed
KJELDAHL NITROGEN - TOTAL (AS N)			EPA 351.2	(E351.2)	
Kjeldahl Nitrogen - Total (as N)	38		4.0 mg/L	20	05/20/09 12:24
PHOSPHORUS, TOTAL (AS P)			EPA 365.4	(E365.4)	
Phosphorus, Total (As P)	ND		0.10 mg/L	1	05/18/09 12:32

- Qualifiers:**
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 - B Analyte detected in the associated Method Blank
 - H Holding times for preparation or analysis exceeded
 - ND Not Detected at the Practical Quantitation Limit (PQL)
 - S Spike Recovery outside accepted recovery limits



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Analytical Results

StateCertNo: 10155

CLIENT: O'Brien & Gere Inc. of North America
Project: PAS Oswego-Pump & Treat
W Order: 0905031
Matrix: WATER

Lab ID: 0905031-001E
Client Sample ID: Post .5 ml Bag Filter
Collection Date: 05/06/09 7:45
Date Received: 05/06/09 14:15

Analyte	Result	Qual	PQL Units	DF	Date Analyzed
BIOCHEMICAL OXYGEN DEMAND (BOD5)			SM 18-20 5210 B		
Biochemical oxygen demand (BOD5)	19		5.0 mg/L	1	05/07/09 15:47
RESIDUE-FILTERABLE (TDS)			SM 18-20 2540 C		
Residue-filterable (TDS)	1600		10 mg/L	1	05/09/09 15:00
RESIDUE-NON-FILTERABLE (TSS)			SM 18-20 2540 D		
Residue-non-filterable (TSS)	16		5.0 mg/L	1	05/06/09 16:40

- Qualifiers:**
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 - E Value exceeds the instrument calibration range
 - J Analyte detected below the PQL
 - P Prim./Conf. column %D or RPD exceeds limit
 - B Analyte detected in the associated Method Blank
 - H Holding times for preparation or analysis exceeded
 - ND Not Detected at the Practical Quantitation Limit (PQL)
 - S Spike Recovery outside accepted recovery limits



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East Syracuse, NY 13057 (315) 437-0200

Analytical Results

StateCertNo: 10155

CLIENT: O'Brien & Gere Inc. of North America
 Project: PAS Oswego-Pump & Treat
 W Order: 0905031
 Matrix: WATER Q
 Inst. ID: MS01 11 Sample Size: 10 mL
 ColumnID: Rtx-VMS %Moisture:
 Revision: 05/11/09 16:00 TestCode 624W
 Col Type:

Lab ID: 0905031-002A
 Client Sample ID: QC Trip Blanks
 Collection Date: 05/06/09 7:45
 Date Received: 05/06/09 14:15
 PrepDate:
 BatchNo: R17269
 FileID: 1-SAMP-T5909.D

Analyte	Result	Qual	PQL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS				EPA 624		
Benzene	ND		1.00	µg/L	1	05/09/09 2:48
cis-1,2-Dichloroethene	ND		1.00	µg/L	1	05/09/09 2:48
Methylene chloride	ND		1.00	µg/L	1	05/09/09 2:48
Toluene	ND		1.00	µg/L	1	05/09/09 2:48
trans-1,2-Dichloroethene	ND		1.00	µg/L	1	05/09/09 2:48
Trichloroethene	ND		1.00	µg/L	1	05/09/09 2:48
Vinyl chloride	ND		2.00	µg/L	1	05/09/09 2:48
Surr: 1,2-Dichloroethane-d4	101		75-134	%REC	1	05/09/09 2:48
Surr: 4-Bromofluorobenzene	111		75-125	%REC	1	05/09/09 2:48
Surr: Toluene-d8	114		75-125	%REC	1	05/09/09 2:48

Qualifiers: * Value exceeds Maximum Contaminant Level B Analyte detected in the associated Method Blank
 E Value exceeds the instrument calibration range H Holding times for preparation or analysis exceeded
 J Analyte detected below the PQL ND Not Detected at the Practical Quantitation Limit (PQL)
 P Prim./Conf. column %D or RPD exceeds limit S Spike Recovery outside accepted recovery limits

ATTACHMENT D-7

INSTITUTIONAL CONTROLS CERTIFICATION MEMORANDUM

PAS OSWEGO SUPERFUND SITE

**Institutional Controls Implementation Plan
Annual Certification
July 6, 2009**

REQUIREMENT: The Institutional Control Implementation Plan (ICIP) for the PAS Oswego Superfund Site as approved by USEPA includes requirements for the period following the execution and recording of the Easement, which were documented in the approved Remedial Action Completion Report. It states that following implementation of institutional controls on the Industrial Precision Products Property, the Site will be inspected on an annual basis to determine whether any intrusive activities have occurred. In addition, building and property records will be reviewed to ascertain whether or not any filings have been made for such activities. The ICIP provides for an annual report summarizing the findings of the inspection and record review to be prepared, along with a certification confirming that operation and maintenance activities continue, and that this annual report would be included with the OM&M progress report to be submitted to EPA in July of each year.

CERTIFICATION: The PAS Oswego annual site and records inspection was performed by *de maximis, inc.* on June 6, 2008. During this visit an inspection was made of the PAS Oswego Site during a monthly operation leachate removal event. This site inspection was scheduled to allow a visit with a representative of Industrial Precision Products to determine if any intrusive activities may have occurred on their property since the Remedial Action Completion Report was approved in August 2006. *de maximis* also contacted representatives of the City and County to confirm that no potential filings were made to install wells on the Industrial Precision Property. Based on results of the annual site and records inspection, a determination has been made that no intrusive activities have occurred or are planned on the Industrial Precision Control Property and that the operation and maintenance activities at the PAS Oswego Site are continuing in accordance with the requirements of Consent Decree.

ANNUAL PROGRESS REPORT – Future

Operation, Maintenance and Long-term Monitoring Activities

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

PERIOD COVERED: JULY 2009 – JUNE 2010

ACTIONS PLANNED FOR THE YEAR

- Removal activities will be performed during the period July 2009 through June 2010 at the PAS Oswego Site in accordance with the Operation, Maintenance and Long-term Monitoring(OMM) Activities Plan (BBL, 1998) (Work Plan). The OMM activities will include pumping approximately 10,000 gallons per month or whatever volume can be efficiently removed during a one-day pumping event up to 15,000 gallons.
- Leachate collected during the removal events will be transported off-site to the City of Auburn, New York Wastewater Treatment Facility for treatment and disposal. However, the Clean Harbors disposal facility in Baltimore, MD continues to be retained as an additional leachate treatment and disposal facility if deemed necessary.
- Sodium hydroxide, in pellet form, and powdered hydrated lime will continue to be added as necessary into the leachate in the holding tank prior to well pumping. These additives will be mixed by means of the leachate flow being pumped into the holding tank. The chemical additions aid in the substantial removal of soluble iron from the leachate to conform with City of Auburn Wastewater Treatment Facility requirements. Leachate will continue to be pumped into OP-TECH Environmental Services transportation vehicles through an inline bag filter system provided by O'Brien & Gere, for iron removal.
- Additional leachate sampling will be conducted as needed for treatment and disposal at the Auburn Wastewater Treatment Facility.
- Quarterly ground-water elevation monitoring is scheduled to be conducted on August 4, 2009, November 3, 2009, February 2, 2010 and May 5, 2010. The following wells were added to quarterly ground-water elevation monitoring events beginning in November 2007: OS-1, OS-3, OI-1, OD-3, LD-3, LD-4, LD-5, LD-6, LD-8, and LS-6. These wells were added to elevation monitoring to evaluate their potential abandonment (see Table 1 in Attachment 1-D). As proposed in a letter dated June 12, 2009, the evaluation of the additional groundwater elevation monitoring, additional leachate removal and recommendations for potential well abandonment will be further discussed in a meeting with EPA regarding groundwater monitoring and Site operations.

- Site maintenance activities will be conducted. These activities include cap vegetation control and inspection and maintenance of the storage shed, spill control materials and the perimeter fence. Snow removal will be performed on an as needed basis throughout the winter months. These activities will be performed in accordance with the approved Work Plan.
- Semi annual groundwater and leachate quality sampling is scheduled to be conducted on November 2, 2009 and May 4, 2010.
- Discussions will continue with the City of Oswego regarding the potential discharge of the PAS leachate into the Oswego East Side Wastewater Treatment Facility.
- The Institutional Control Implementation Plan (ICIP) includes requirement for the period following the execution and recording of the Easement, which were documented in the approved Remedial Action Completion Report. It states that following implementation of institutional controls on the Industrial Precision Products Property, the Site will be inspected on an annual basis to determine whether any intrusive activities have occurred. In addition, building and property records will be reviewed to ascertain whether or not any filings have been made for such activities. The ICIP provides for an annual report summarizing the findings of the inspection and record review to be prepared, along with a certification confirming that operation and maintenance activities will continue, and that that the annual report would be included in the annual OM&M progress report to be submitted to EPA in July of each year.

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

LEACHATE REMOVAL EVENTS AND TASK SCHEDULE (3rd Quarter 2009)							
	July 2009 Removal Event		August 2009 Removal Event		September 2009 Removal Event		Task
	Date Event		Date Event		Date Event		
Pre-Pumping Monitoring	Jul 6		Aug 3		Sep 7		LCW- and SWW-Series Wells for Jul, Aug, Sep. LCW-, SWW-, M-, LR, LD, OS, OD, and OI-Series Wells.
Removal	Jul 8		Aug 5		Sep 9		Remove leachate from LCW-1, -2, -3, and -4 wells.

LEACHATE REMOVAL EVENTS AND TASK SCHEDULE (4th Quarter 2009)							
	October 2009 Removal Event		November 2009 Removal Event		December 2009 Removal Event		Task
	Date Event		Date Event		Date Event		
Pre-Pumping Monitoring	Oct 5		Nov 2		Dec 7		LCW- and SWW-Series Wells for Oct, Nov, Dec. LCW-, SWW-, M-, LR, LD, OS, OD, and OI-Series Wells .
Removal	Oct 8		Nov 5		Dec 10		Remove leachate from LCW-1, -2, -3, and -4 wells.

LEACHATE REMOVAL EVENTS AND TASK SCHEDULE (1st Quarter 2010)

	January 2010 Removal Event		February 2010 Removal Event		March 2010 Removal Event		Task
	Date Event		Date Event		Date Event		
Pre-Pumping Monitoring	Jan 4		Feb 1		Mar 1		LCW- and SWW-Series Wells for Jan, Feb, Mar LCW-, SWW-, M-, LR, LD, OS, OD, and OI-Series Wells.
Removal	Jan 6		Feb 3		Mar 3		Remove leachate from LCW-1, -2, -3, and -4 wells.

LEACHATE REMOVAL EVENTS AND TASK SCHEDULE (2nd Quarter 2010)

	April 2010 Removal Event		May 2010 Removal Event		June 2010 Removal Event		Task
	Date Event		Date Event		Date Event		
Pre-Pumping Monitoring	Apr 5		May 4		Jun 1		LCW- and SWW-Series Wells for Oct, Nov, Dec. LCW-, SWW-, M-, LR, LD, OS, OD, and OI-Series Wells.
Removal	Apr 7		May 6		Jun 3		Remove leachate from LCW-1, -2, -3, and -4 wells.