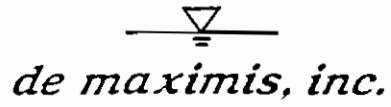


OCT 1999 - DEC 1999



10243 Sunrise Place  
Bainbridge Island, WA 98110  
(206) 780-6852  
(206) 780-6872 FAX

John ST  
FYL  
We have to discuss  
how to report to  
EPA. We  
owe them a  
quarterly  
I  
2/7

Via Facsimile and First Class Mail

January 7, 2000

Ms. Patricia Simmons  
Central New York Remedial Section  
New York Remediation Branch  
Emergency and Remedial Response Division  
U.S. Environmental Protection Agency, Region II  
20<sup>th</sup> Floor, 290 Broadway  
New York, NY 10007

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

Dear Ms. Simmons:

The January 2000 Quarterly Progress Report is submitted under Consent Decree 98-CV0112NPMGJD for operation, maintenance and long-term monitoring activities at the PAS Site in Oswego, New York (Consent Decree) is attached. This attached Progress Report, which covers the period October 1999 through December 1999, conforms with the requirements of Paragraph 30 of the Consent Decree, which was entered on August 10, 1998.

If you have any questions, please call me at (206) 780-6852.

Sincerely,  
de maximis, inc.

Mark Valentine

JAN 12 2000

HAZ  
DIV  
V

cc: Performing Settling Defendants  
J. Singerman, U.S. EPA Region II  
G. Rider, NYSDEC, Division of Hazardous Waste Remediation  
C. Branagh, NYSDEC, Region 7 Office  
R. Heerkens, NYDOH, Office of Public Health  
L. McBurney, BBLES

**QUARTERLY PROGRESS REPORT**  
**Pollution Abatement Services Site - Oswego, New York**

**JANUARY 7, 2000**

**PROJECT NAME:** Pollution Abatement Services Site  
Oswego, New York  
Operation, Maintenance and Long-Term Monitoring Activities

**PERIOD COVERED:** OCTOBER - DECEMBER 1999

**ACTIONS TAKEN TOWARD COMPLIANCE DURING PREVIOUS QUARTER (OCT - DEC 1999):**

- Conducted leachate removal activities at the site in accordance with the USEPA-approved Operation, Maintenance and Long-term Monitoring Plan (OMMP) (BBL Environmental Services, 1998). BBL Environmental Services (BBLES) removed a total of 31,321 gallons of leachate during the fourth quarter of 1999. Three leachate removal events were conducted during the quarter. Specific quantities of leachate removed during each month, along with removal dates and manifest numbers, are described in this progress report under the section entitled Documentation of Removal Activities. Subsequent to each removal event, leachate and ground water were disposed of at the BFI/CECOS treatment and disposal facility in Niagara Falls, New York. BBL Environmental Services (BBLES) coordinated the leachate removal program. Buffalo Fuels Corporation was the transportation subcontractor.
- BBLES performed operational ground-water elevation monitoring (includes SWW- and LCW-series wells) at the site on October 4 and 18, November 1 and 15, and December 6 and 20, 1999 in accordance with the OMMP. Leachate quality samples were collected from leachate collection wells LCW-2 and LCW-4 as part of operational monitoring activities conducted at the site the first week of November 1999.
- BBLES performed routine maintenance activities in accordance with the OMMP. These routine maintenance activities included inspection of spill control materials and trimming and clearing of the concrete drainage troughs, as well as trimming around the storage shed, leachate collection tank, and electrical boxes.
- Semi-annual monitoring activities were conducted at the site on November 1, 1999. In addition to the operational monitoring described above, the semi-annual monitoring included collection of ground-water samples from Long-term Monitoring (LTM) wells LR-6, LR-8, M-21, M-25 and M-26, sediment samples and surface water levels from locations in the adjacent creeks as specified in the OMMP. The November 1999 semi-annual monitoring results are provided in Attachment 5.
- A revised pumping protocol for leachate collection well LCW-4 was submitted to, and approved by, USEPA. The revised protocol provides for intermittent pumping of LCW-4 based on the extent of upward vertical gradients calculated in the vicinity of LCW-4. The specific protocol for determining the need to pump LCW-4 is described in the de maximis letter to USEPA dated November 15, 1999.
- Payment of USEPA invoice was submitted in response to USEPA's letter of October 21, 1999.

**ACTION ITEMS FOR FOLLOWING QUARTER (JAN - MAR 2000):**

- Leachate removal activities will be performed in January, February and March 2000 in accordance with the OMMP. Table 1 provides a schedule for operation and monitoring activities for the period January through March 2000. (In addition, the tentative schedule for operation and monitoring activities for the period April through June 2000 is also shown on Table 1.) The planned leachate removal activities include pumping 15,000 gallons of leachate during the first week of the month, or whatever volume can be efficiently removed during a one-day pumping event, up to 15,000 gallons. The ground-water slurry wall wells and leachate wells will be monitored during the beginning of the third week of the month. If the leachate elevations measured during the third week indicate that an additional 10,000 gallons of removable leachate has accumulated in the trenches, then a contingency removal event will be promptly scheduled to remove the 10,000 gallons of additional leachate. Leachate collection well LCW-4 will be pumped in accordance with the revised protocol provided in the November 15, 1999 letter to USEPA, as approved.
- BBLES will perform routine maintenance activities including inspection of spill control materials, site perimeter fence, french drains and concrete drainage trenches. The french drains and concrete drainage trenches will be cleared of vegetation, as necessary. These maintenance activities will be performed in accordance with the OMMP.

**ANTICIPATED DELAYS/PROBLEMS:**

- The Performing Settling Defendants (PSDs) are waiting for USEPA's approval of the Environmental Protection Easement and Restrictive Covenant to be used in obtaining institutional controls for the Site. The PSDs will proceed with best efforts to obtain institutional controls in accordance with the Consent Decree upon USEPA approval of the Environmental Protection Easement and Restrictive Covenant.

**RESULTS OF FIELD ACTIVITIES:**

- Ground-water elevation data collected on October 4 and 18, November 1 and 15, and December 6 and 20, 1999 are attached (See Attachment 1).
- The routine leachate disposal and inspection checklists are attached (See Attachment 2).
- The results of the November 1999 semi-annual monitoring of groundwater and sediments are attached (See Attachment 5).

**DOCUMENTATION OF REMOVAL ACTIVITIES:**

- Hazardous Waste Manifests and Gallons Removed (See Attachment 3)
- Waste Treatment/Disposal Certification (See Attachment 4)

• **MONTHLY REMOVAL QUANTITIES**

The monthly leachate removal events are summarized in the following.

October 1999

<b>Manifest #</b>	<b>Amount (gal)</b>	<b>Date Removed</b>
NYG1655541	5,281	10/6/99
NYG1655595	4,974	10/6/99

*October 1999 Total = 10,255 gallons*

November 1999

<b>Manifest #</b>	<b>Amount (gal)</b>	<b>Date Removed</b>
NYG1719018	5,159	11/3/99
NYG1719027	5,092	11/3/99

*November 1999 Total = 10,250 gallons*

December 1999

<b>Manifest #</b>	<b>Amount (gal)</b>	<b>Date Removed</b>
NYG1655577	5,702	12/8/99
NYG1655595	5,113	12/8/99

*December 1999 Total = 10,816 gallons*



• **CUMULATIVE REMOVAL QUANTITIES**

Cumulative gallons removed during quarter under OMMP (July thru September 1999) 42,208 gal

**HISTORICAL SUMMARY OF LEACHATE REMOVAL ACTIVITIES**

<i>Order/Decree</i>	<i>Disposal Facility/Period</i>	<i>Quantities</i>
<b>1991 IGR Order (2/92 - 10/94)</b>	<i>Dupont:</i>	
	<i>1992 (2/98 - 12/98)</i>	221,808
	<i>1993</i>	337,619
	<i>1994 (1/94-10/94)</i>	<u>254,898</u>
	<i>Subtotal</i>	814,325
<b>1994 IGR Order (10/94 - 10/98)</b>	<i>DuPont:</i>	
	<i>1994 (From 10/94)</i>	50,683
	<i>1995</i>	279,164
	<i>1996 (To 5/96)</i>	<u>119,901</u>
	<i>Subtotal (To 5/96)</i>	449,748
	<i>BFI/CECOS:</i>	
	<i>1996</i>	163,446
	<i>1997</i>	269,371
	<i>1998 (1/98-10/98)</i>	<u>207,541</u>
	<i>Subtotal</i>	<u>640,358</u>
	<b>94 IGR Order Total</b>	1,090,106
<b>Final IGR Total</b>		<b>1,904,431</b>
<b>OMM Consent Decree (Beginning 11/98)</b>	<i>BFI/CECOS:</i>	
	<i>1998 (11/98-12/98)</i>	18,423
	<i>1999 (Previous)</i>	146,389
	<i>1999 (10/99 - 12/99)</i>	<u>31,321</u>
	<i>OMM Subtotal</i>	196,133
<b>GRAND TOTAL</b>		<b>2,100,564</b>

**DOCUMENTATION OF DISPOSAL ACTIVITIES:**

- Documentation of leachate treatment and disposal at the BFI/CECOS facility in Niagara Falls, New York is provided in the following.

**October 1999**

<b>BFI/CECOS Work Order Number</b>	<b>Manifest #</b>	<b>Date Disposed</b>
282549	NYG1655541	10/6/99
282553	NYG1655568	10/6/99

**November 1999**

<b>BFI/CECOS Work Order Number</b>	<b>Manifest #</b>	<b>Date Disposed</b>
282609	NYG1719018	11/3/99
282507	NYG1719027	11/3/99

**December 1999**

<b>BFI/CECOS Work Order Number</b>	<b>Manifest #</b>	<b>Date Disposed</b>
282611	NYG1655577	12/8/99
282636	NYG1655595	12/8/99

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

**TABLE 1 - OPERATION AND MONITORING SCHEDULE**

<b>OPERATION AND MONITORING SCHEDULE - PAS OSWEGO SUPERFUND SITE</b>												
	<b>Jan 1999 Removal Events</b>		<b>Feb 1999 Removal Events</b>		<b>Mar 1999 Removal Events</b>		<b>Apr 2000 Removal Events</b>		<b>May 2000 Removal Events</b>		<b>Jun 2000 Removal Events</b>	
	<b>First Event</b>	<b>Cont. Event</b>	<b>First Event</b>	<b>Cont. Event</b>	<b>First Event</b>	<b>Cont. Event</b>	<b>First Event</b>	<b>Cont. Event</b>	<b>First Event</b>	<b>Cont. Event</b>	<b>First Event</b>	<b>Cont. Event</b>
<b>Pre-Pump Monitoring</b>	Jan 3	Jan 17	Feb 7	Feb 21	Mar 6	Mar 20	Apr 3	Apr 17	May 1	May 15	Jun 5	Jun 19
<b>Semi- Annual Monitoring</b>									May 1			
<b>Leachate Removal Schedule</b>	Jan 5	Jan 19	Feb 9	Feb 23	Mar 8	Mar 22	Apr 5	Apr 19	May 3	May 17	Jun 7	Jun 21

**Notes:**

1. Water levels in all LCW-series and SWW-series wells monitored monthly. Water levels in all M-series and L.R-series wells monitored quarterly. Stream water levels monitored semi-annually.
2. Water quality monitored in all LTM-wells (LR-6, LR-8, M-21, M-25 and M-26) semi-annually. Leachate quality in leachate collection wells (LCW-2 and LCW-4) monitored semi-annually. Sediment quality monitored annually during the fall.
3. Leachate will be removed from LCW-series wells as necessary based on pre-pumping water level measurements collected from SWW-series wells. Contingency removal events only conducted if monitoring results collected typically during the third week of the month indicates sufficient leachate volume (i.e., 10,000 gallons) has accumulated in the collection trenches as required by the Operation, Maintenance and Long-Term Monitoring Plan.

# ***Attachment 1***

BBL ENVIRONMENTAL SERVICES, INC.

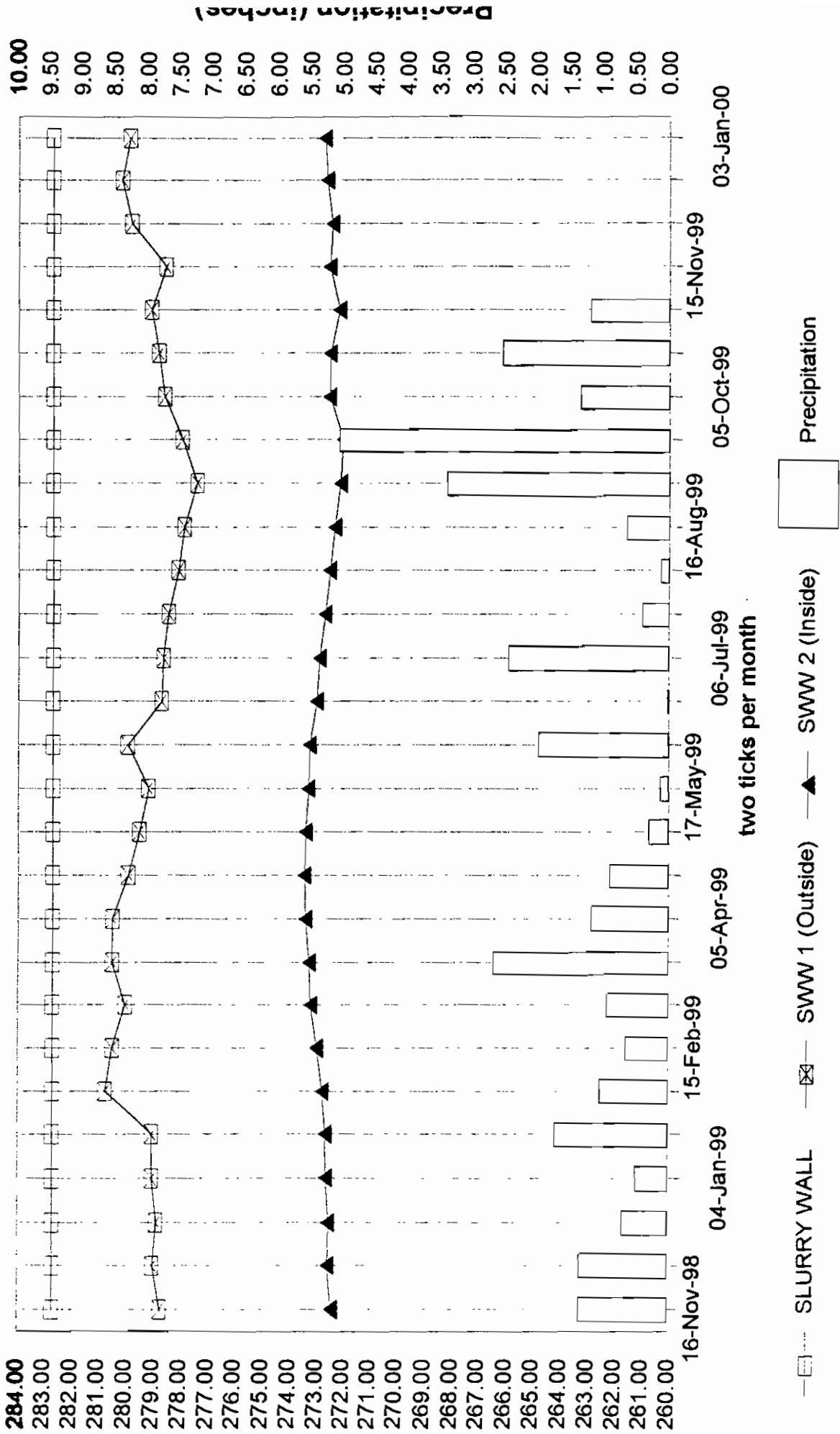
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## ***Ground-Water Elevation Data***



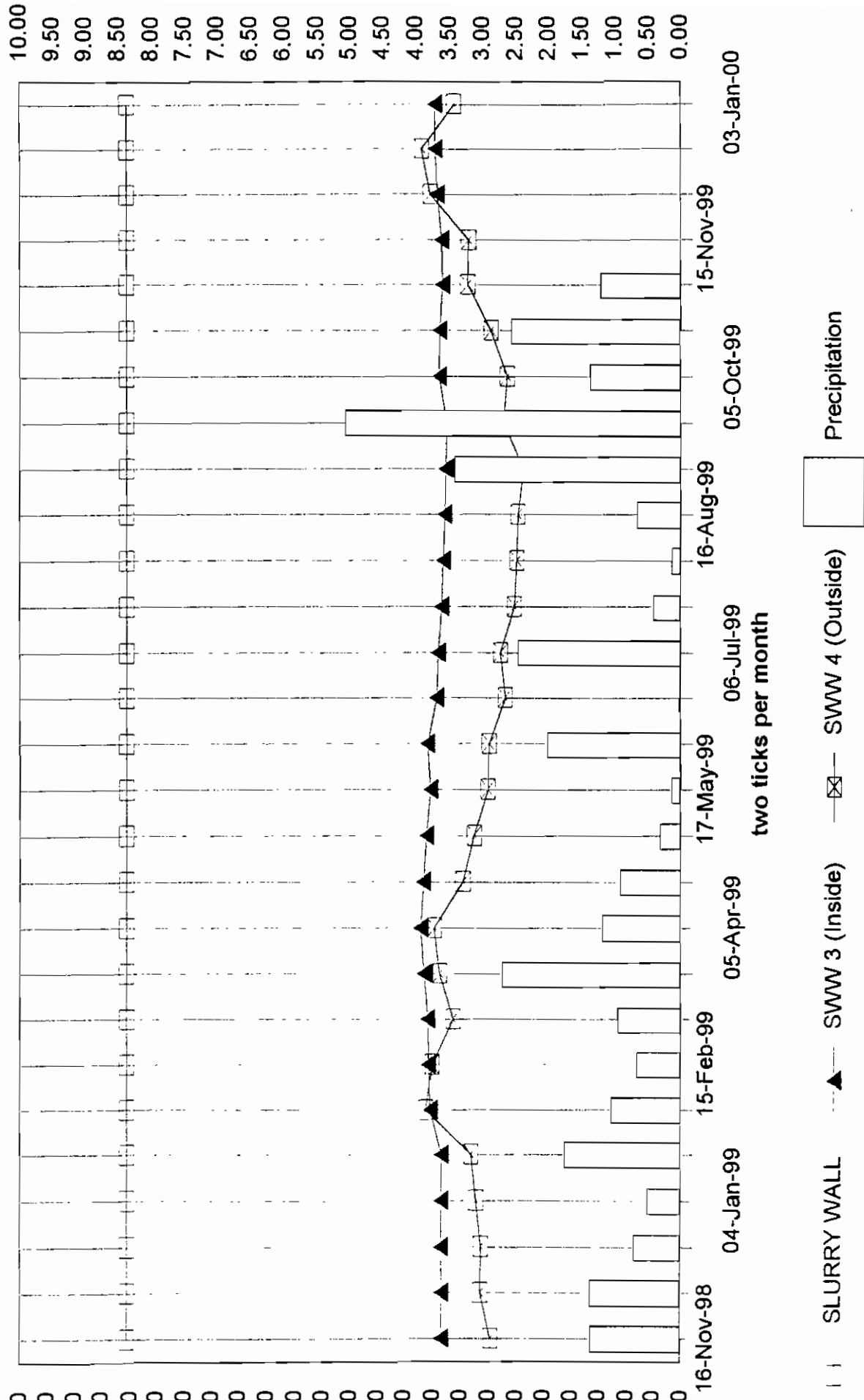
# PAS - OSWEGO

## GROUNDWATER ELEVATIONS (SWW1 & SWW2)



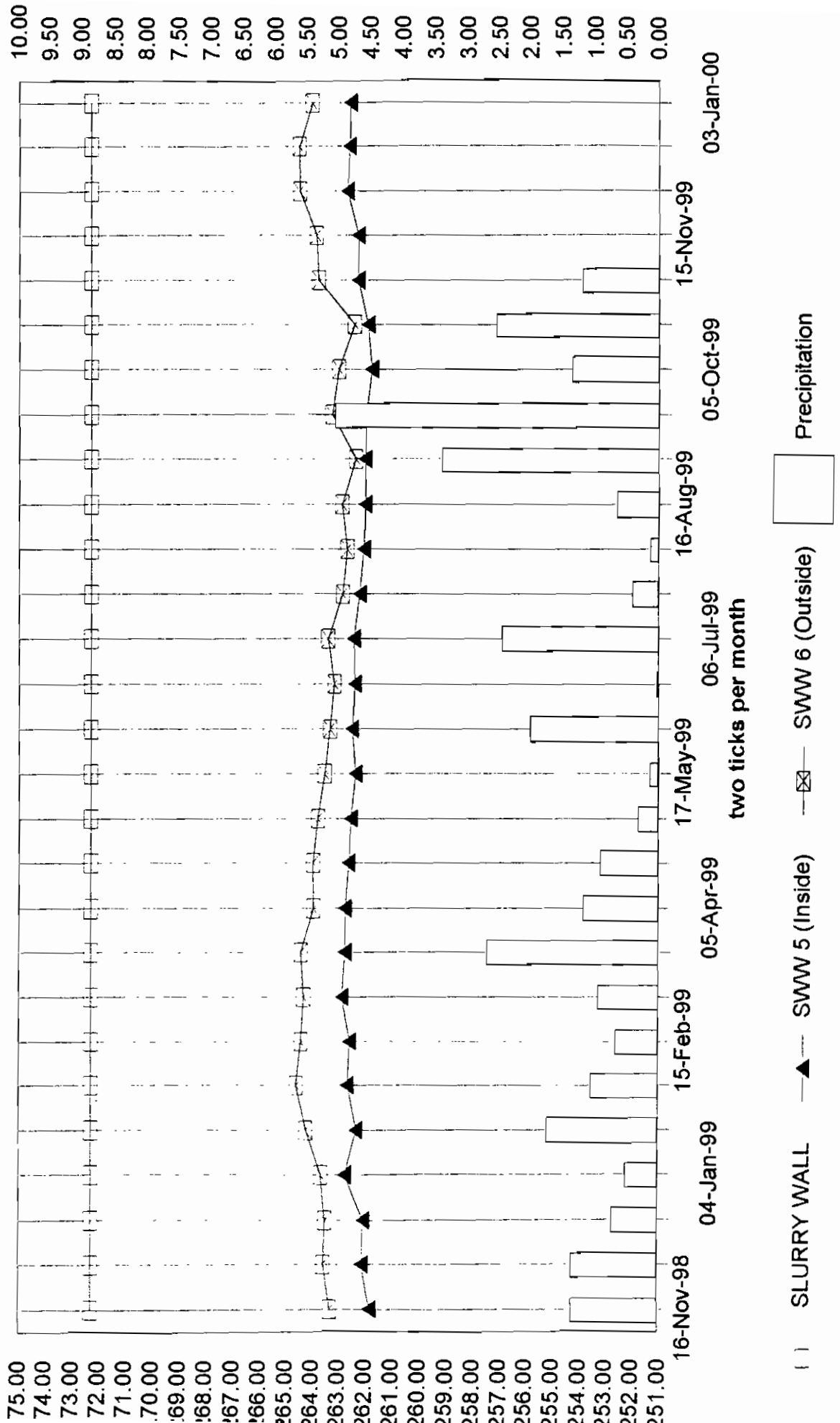
# PAS - OSWEGO

## GROUNDWATER ELEVATIONS (SWW3 & SWW4)



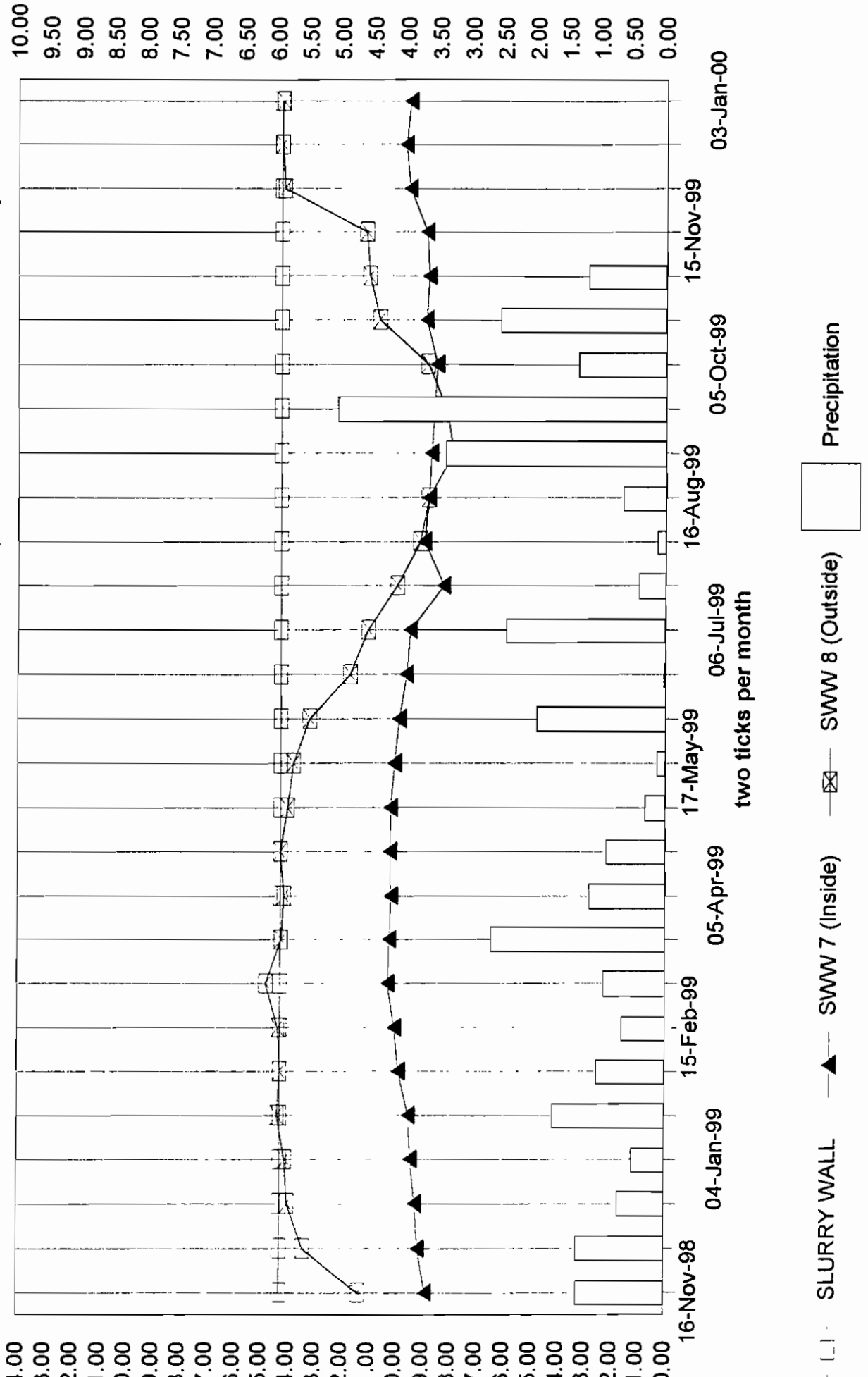
# PAS - OSWEGO

## GROUNDWATER ELEVATIONS (SWW5 & SWW6)



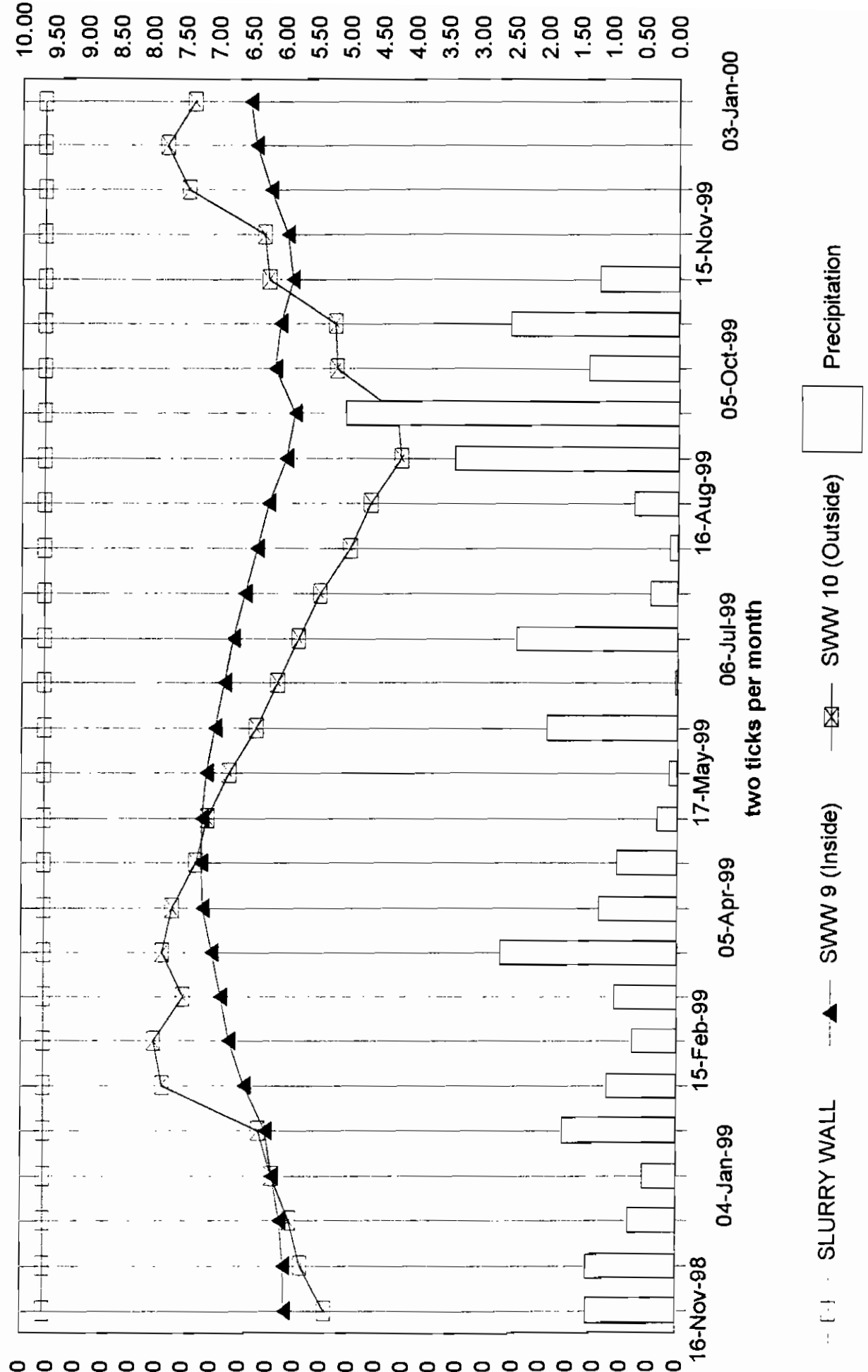
# PAS - OSWEGO

## GROUNDWATER ELEVATIONS (SWW7 & SWW8)



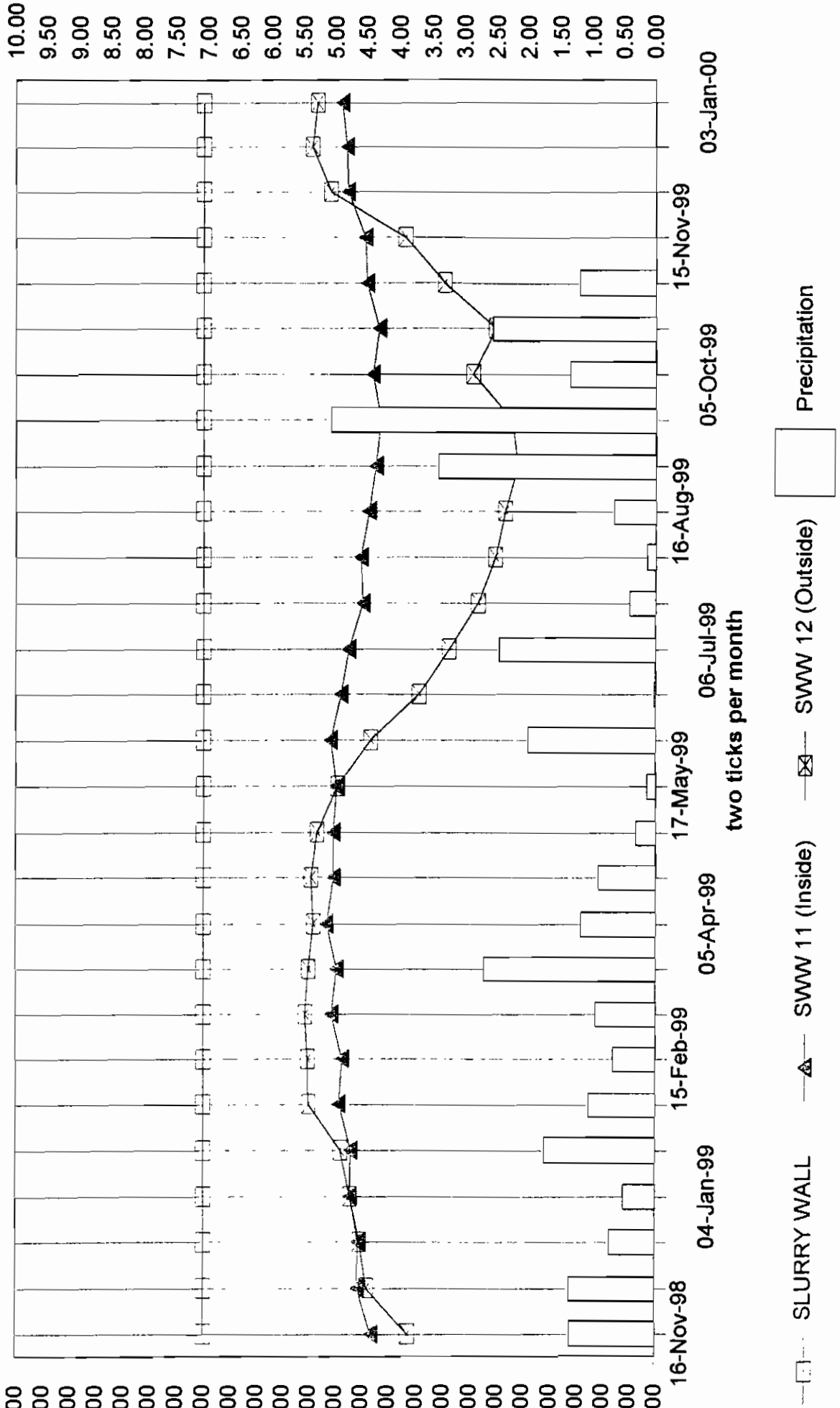
# PAS - OSWEGO

## GROUNDWATER ELEVATIONS (SWW9 & SWW10)



# PAS - OSWEGO

## GROUNDWATER ELEVATIONS (SWW11 & SWW12)



**BBL Environmental Services, Inc.**  
**PAS Site**  
**Oswego, New York**  
**Pre-Pumping Monitoring Well Levels**

10/04/99  
06:15 AM

Well Number	Ground Elevation	Riser Elevation	DTW During Previous Event	Reading 1	Reading 2	Acceptable Range for DTW	Within Range?		Ground-Water Elevation	Reading 3
							Yes	No		
SWW1	286.20	289.33	11.38	11.14	11.14	10.73 to 12.43	x		278.19	
SWW2	286.30	289.37	17.33	17.41	17.41	15.95 to 17.52	x		271.96	
SWW3	286.00	286.50	18.00	18.04	18.04	17.19 to 18.42	x		268.46	
SWW4	282.90	283.60	17.13	17.04	17.04	16.51 to 18.16	x		266.56	
SWW5	275.90	277.02	15.03	14.98	14.98	14.07 to 15.51	x		262.04	
SWW6	270.90	273.06	9.76	9.74	9.74	9.13 to 10.86	x		263.32	
SWW7	273.30	277.93	9.30	9.40	9.40	7.93 to 9.60	x		268.53	
SWW8	275.70	278.24	10.07	9.99	9.99	6.69 to 10.10	x		268.25	
SWW9	283.30	285.55	20.47	20.69	20.69	17.76 to 20.02		x	264.86	20.69
SWW10	279.30	280.43	19.14	18.88	18.88	15.00 to 18.68		x	261.55	18.88
SWW11	271.00	273.50	12.18	12.05	12.05	10.48 to 12.24	x		261.45	
SWW12	270.20	272.82	16.37	15.75	15.75	13.51 to 16.61	x		257.07	
LCW-1	271.40	272.21	12.21	11.47	11.47	10.52 to 12.24	x		260.74	
LCW-2	272.60	274.44	14.44	13.70	13.70	12.78 to 14.49	x		260.74	
LCW-3	283.30	284.36	18.94	19.22	19.22	18.36 to 19.64	x		265.14	
LCW-4	283.80	285.70	21.44	20.70	20.70	19.60 to 21.38	x		265.00	

**BBL Environmental Services, Inc.  
PAS Site**

**Oswego, New York**

**Pre-Pumping Monitoring Well Levels - Contingency Event**

**10/18/99**

**06:30 AM**

Well Number	Ground Elevation	Riser Elevation	DTW During Previous Event	Reading 1	Reading 2	Acceptable Range for DTW	Within Range?		Ground-Water Elevation	Reading 3
							Yes	No		
SWW1	286.20	289.33	11.14	10.31	10.31	10.73 to 12.43		x	279.02	10.31
SWW2	286.30	289.37	17.41	17.34	17.34	15.95 to 17.52	x		272.03	
SWW3	286.00	286.50	18.04	17.95	17.95	17.19 to 18.42	x		268.55	
SWW4	282.90	283.60	17.04	16.28	16.28	16.51 to 18.16		x	267.32	16.28
SWW5	275.90	277.02	14.98	14.83	14.83	14.07 to 15.51	x		262.19	
SWW6	270.90	273.06	9.74	8.89	8.89	9.13 to 10.86		x	264.17	8.89
SWW7	273.30	277.93	9.40	9.07	9.07	7.93 to 9.60	x		268.86	
SWW8	275.70	278.24	9.99	6.79	6.79	6.69 to 10.10	x		271.45	
SWW9	283.30	285.55	20.69	20.70	20.70	17.76 to 20.02		x	264.85	20.70
SWW10	279.30	280.43	18.88	16.34	16.34	15.00 to 18.68	x		264.09	
SWW11	271.00	273.50	12.05	12.11	12.11	10.48 to 12.24	x		261.39	
SWW12	270.20	272.82	15.75	15.74	15.74	13.51 to 16.61	x		257.08	
LCW-1	271.40	272.21	11.47	12.04	12.04	10.52 to 12.24	x		260.17	
LCW-2	272.60	274.44	13.70	14.28	14.28	12.78 to 14.49	x		260.16	
LCW-3	283.30	284.36	19.22	18.63	18.63	18.36 to 19.64	x		265.73	
LCW-4	283.80	285.70	20.70	21.45	21.45	19.60 to 21.38		x	264.25	21.45



BBL Environmental Services, Inc.

PAS Site

Oswego, New York

Pre-Pumping Monitoring Well Levels

11/01/99

06:30 AM

Well Number	Ground Elevation	Riser Elevation	DTW During Previous Event	Reading 1	Reading 2	Acceptable Range for DTW		Within Range?		Ground-Water Elevation	Reading 3
						Yes	No	Yes	No		
SWW1	286.20	289.33	10.31	10.24	10.24	9.81 to 12.43	x			279.09	
SWW2	286.30	289.37	17.34	17.19	17.19	15.95 to 17.52	x			272.18	
SWW3	286.00	286.50	17.95	17.85	17.85	17.19 to 18.42	x			268.65	
SWW4	282.90	283.60	16.28	15.83	15.83	16.51 to 18.16		x		267.77	15.83
SWW5	275.90	277.02	14.83	14.72	14.72	14.07 to 15.51	x			262.30	
SWW6	270.90	273.06	8.89	9.25	9.25	9.13 to 10.86	x			263.81	9.25
SWW7	273.30	277.93	9.07	9.09	9.09	7.93 to 9.60	x			268.84	
SWW8	275.70	278.24	6.79	7.21	7.21	6.69 to 10.10	x			271.03	
SWW9	283.30	285.55	20.70	20.37	20.37	17.76 to 20.02		x		265.18	20.37
SWW10	279.30	280.43	16.34	14.40	14.40	15.00 to 18.68		x		266.03	14.40
SWW11	271.00	273.50	12.11	11.66	11.66	10.48 to 12.24	x			261.84	
SWW12	270.20	272.82	15.74	13.83	13.83	13.51 to 16.61	x			258.99	
LCW-1	271.40	272.21	12.04	11.29	11.29	10.52 to 12.24	x			260.92	
LCW-2	272.60	274.44	14.28	13.51	13.51	12.78 to 14.49	x			260.93	
LCW-3	283.30	284.36	18.63	18.93	18.93	18.36 to 19.64	x			265.43	
LCW-4	283.80	285.70	21.45	20.68	20.68	19.60 to 21.38	x			265.02	
LR-2	287.50	289.85	15.51	14.03	14.03	10.21 to 16.01	x			275.82	
LR-3	275.50	278.06	11.84	10.66	10.66	8.93 to 13.72	x			267.40	
LR-6	270.90	274.39	13.22	12.10	12.10	7.19 to 17.89	x			262.29	
LR-8	270.00	273.42	12.68	12.53	12.53	9.43 to 16.08	x			260.89	
M-21	270.28	272.32	12.15	11.38	11.38	8.93 to 12.04	x			260.94	
M-22	270.40	273.88	13.13	12.08	12.08	10.13 to 12.67	x			261.80	
M-23	267.98	270.49	14.16	13.27	13.27	11.50 to 13.92	x			257.22	
M-24	276.49	277.94	17.39	16.71	16.71	14.01 to 17.57	x			261.23	
M-25	264.56	265.84	9.79	8.62	8.62	6.52 to 9.36	x			257.22	
M-26	271.85	273.38	15.58	13.93	13.93	7.19 to 15.08	x			259.45	

**BBL Environmental Services, Inc.  
PAS Site  
Oswego, New York**

**Pre-Pumping Monitoring Well Levels - Contingency Event**

11/15/99

06:45 AM

Well Number	Ground Elevation	Riser Elevation	DTW During Previous Event	Reading 1	Reading 2	Acceptable Range for DTW		Within Range?		Ground-Water Elevation	Reading 3
						Yes	No	Yes	No		
SWW1	286.20	289.33	10.24	10.78	10.78	9.81 to 12.43	x			278.55	
SWW2	286.30	289.37	17.19	17.07	17.07	15.95 to 17.52	x			272.30	
SWW3	286.00	286.50	17.85	17.81	17.81	17.19 to 18.42	x			268.69	
SWW4	282.90	283.60	15.83	15.88	15.88	16.51 to 18.16		x		267.72	15.88
SWW5	275.90	277.02	14.72	14.72	14.72	14.07 to 15.51	x			262.30	
SWW6	270.90	273.06	9.25	9.18	9.18	9.13 to 10.86	x			263.88	
SWW7	273.30	277.93	9.09	9.02	9.02	7.93 to 9.60	x			268.91	
SWW8	275.70	278.24	7.21	7.11	7.11	6.69 to 10.10	x			271.13	
SWW9	283.30	285.55	20.37	20.19	20.19	17.76 to 20.02		x		265.36	20.19
SWW10	279.30	280.43	14.40	14.23	14.23	15.00 to 18.68		x		266.20	14.23
SWW11	271.00	273.50	11.66	11.59	11.59	10.48 to 12.24	x			261.91	
SWW12	270.20	272.82	13.83	12.38	12.38	13.51 to 16.61		x		260.44	12.38
LCW-1	271.40	272.21	11.29	12.50	12.50	10.52 to 12.24		x		259.71	12.50
LCW-2	272.60	274.44	13.51	14.73	14.73	12.78 to 14.49		x		259.71	14.73
LCW-3	283.30	284.36	18.93	18.74	18.74	18.36 to 19.64	x			265.62	
LCW-4	283.80	285.70	20.68	21.29	21.29	19.60 to 21.38	x			264.41	

**BBL Environmental Services, Inc.**  
**PAS Site**  
**Oswego, New York**  
Pre-Pumping Monitoring Well Levels

12/06/99  
06:45 AM

Well Number	Ground Elevation	Riser Elevation	DTW During Previous Event	Reading 1	Reading 2	Acceptable Range for DTW	Within Range?		Ground-Water	
							Yes	No	Elevation	Reading 3
SWW1	286.20	289.33	10.78	9.52	9.52	9.74 to 11.64		x	279.81	9.52
SWW2	286.30	289.37	17.07	16.91	16.91	16.57 to 17.91	x		272.46	
SWW3	286.00	286.50	17.81	17.65	17.65	17.31 to 18.54	x		268.85	
SWW4	282.90	283.60	15.88	14.50	14.50	15.33 to 17.54		x	269.10	14.50
SWW5	275.90	277.02	14.72	14.32	14.32	14.22 to 15.48	x		262.70	
SWW6	270.90	273.06	9.18	8.56	8.56	8.39 to 10.24	x		264.50	
SWW7	273.30	277.93	9.02	8.38	8.38	8.52 to 9.90		x	269.55	8.38
SWW8	275.70	278.24	7.11	4.04	4.04	6.29 to 10.49		x	274.20	4.04
SWW9	283.30	285.55	20.19	19.57	19.57	19.69 to 21.20		x	265.98	19.57
SWW10	279.30	280.43	14.23	11.52	11.52	13.73 to 19.38		x	268.91	11.52
SWW11	271.00	273.50	11.59	10.94	10.94	11.09 to 12.61		x	262.56	10.94
SWW12	270.20	272.82	12.38	9.62	9.62	11.88 to 16.25		x	263.20	9.62
LCW-1	271.40	272.21	12.50	10.64	10.64	10.79 to 13.00		x	261.57	10.64
LCW-2	272.60	274.44	14.73	12.93	12.93	13.01 to 15.23		x	261.51	12.93
LCW-3	283.30	284.36	18.74	19.04	19.04	18.13 to 19.72	x		265.32	
LCW-4	283.80	285.70	21.29	20.31	20.31	20.18 to 21.95	x		265.39	

**BBL Environmental Services, Inc.**  
**PAS Site**  
**Oswego, New York**  
**Pre-Pumping Monitoring Well Levels - Contingency Event**

**12/20/99**  
**07:00 AM**

Well Number	Ground Elevation	Riser Elevation	DTW During Previous Event	Reading 1	Reading 2	Acceptable Range for DTW		Within Range?		Ground-Water Elevation	Reading 3
						Yes	No	Yes	No		
SWW1	286.20	289.33	9.52	9.17	9.17	9.02 to 11.64	x			280.16	
SWW2	286.30	289.37	16.91	16.73	16.73	16.41 to 17.91	x			272.64	
SWW3	286.00	286.50	17.65	17.57	17.57	17.15 to 18.54	x			268.93	
SWW4	282.90	283.60	14.50	14.20	14.20	14.00 to 17.54	x			269.40	
SWW5	275.90	277.02	14.32	14.39	14.39	13.82 to 15.48	x			262.63	
SWW6	270.90	273.06	8.56	8.53	8.53	8.06 to 10.24	x			264.53	
SWW7	273.30	277.93	8.38	8.23	8.23	7.88 to 9.90	x			269.70	
SWW8	275.70	278.24	4.04	3.95	3.95	3.54 to 10.49	x			274.29	
SWW9	283.30	285.55	19.57	19.05	19.05	19.07 to 21.20		x		266.50	19.05
SWW10	279.30	280.43	11.52	10.73	10.73	11.02 to 19.38		x		269.70	10.73
SWW11	271.00	273.50	10.94	10.90	10.90	10.44 to 12.61	x			262.60	
SWW12	270.20	272.82	9.62	8.91	8.91	9.12 to 16.25		x		263.91	8.91
LCW-1	271.40	272.21	10.64	11.29	11.29	10.14 to 13.00	x			260.92	
LCW-2	272.60	274.44	12.93	13.53	13.53	12.43 to 15.23	x			260.91	
LCW-3	283.30	284.36	19.04	18.68	18.68	18.13 to 19.72	x			265.68	
LCW-4	283.80	285.70	20.31	20.77	20.77	19.81 to 21.95	x			264.93	

## ***Attachment 2***

**BBL ENVIRONMENTAL SERVICES, INC.**

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# ***Leachate Disposal and Inspection Checklists***

BBL Environmental Services, Inc.

PAS Site  
Oswego, New York

Site Inspection Checklist

Date: 10/6/99  
Personnel: JH

Time: 5:50  
Weather: RAIN 40s

Site Feature	Previous Inspection Date	Condition/Maintenance Activity
Cap		
Burrowing Animals		OK
Cap Vegetation		OK
Concrete Drainage Trough		OK
French Drain		OK
Weeds		OK
<b>Leachate Collection System</b>		
Pumps		OK
Pump Controls/Alarms		OK
Tank Level		OK
<b>Monitoring Wells</b>		
Locks		OK
Riser		OK
Surface Completion		OK
<b>General Site Conditions</b>		
Foliage		OK
Perimeter Fence		OK
Site access drive		OK
Stream gauges		OK RECEPT SW6-6
<b>Other Items</b>		
Equipment Storage Shed		OK
Fire Extinguisher		OK
Spill Control Materials		OK

REMARKS/SPECIAL MAINTENANCE: (include separate detailed maintenance report, if necessary)

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BBL Environmental Services, Inc.

PAS Site  
Oswego, New York

Site Inspection Checklist

Date: 11/3/99  
Personnel: Heisen

Time: 630  
Weather: Rain 20MPH WIND

Site Feature	Previous Inspection Date	Condition/Maintenance/Activity
Cap		
Burrowing Animals		OK
Cap Vegetation		OK
Concrete Drainage Trough		OK
French Drain		OK
Weeds		OK
<b>Leachate Collection System</b>		
Pumps		OK
Pump Controls/Alarms		OK
Tank Level		OK
<b>Monitoring Wells</b>		
Locks		OK
Riser		OK
Surface Completion		OK
<b>General Site Conditions</b>		
Foliage		OK
Perimeter Fence		OK
Site access drive		OK
Stream gauges		OK (Sigs 6 will be replaced)
<b>Other Items</b>		
Equipment Storage Shed		OK
Fire Extinguisher		OK
Spill Control Materials		OK

REMARKS/SPECIAL MAINTENANCE: (include separate detailed maintenance report, if necessary)

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BBL Environmental Services, Inc.

PAS Site  
Oswego, New York

Site Inspection Checklist

Date: 12/8/99  
Personnel: TJK

Time: 6:15  
Weather: SUN 42°

Site Feature	Previous Inspection Date	Condition/Maintenance/Activity
Cap		
Burrowing Animals		OK
Cap Vegetation		OK
Concrete Drainage Trough		OK
French Drain		OK
Weeds		OK
Leachate Collection System		
Pumps		OK
Pump Controls/Alarms		OK
Tank Level		OK
Monitoring Wells		
Locks		OK
Riser		OK
Surface Completion		OK
General Site Conditions		
Foliage		OK
Perimeter Fence		OK SEE REMARKS SECTION
Site access drive		OK
Stream gauges		OK
Other Items		
Equipment Storage Shed		OK
Fire Extinguisher		OK
Spill Control Materials		OK

REMARKS/SPECIAL MAINTENANCE: (include separate detailed maintenance report, if necessary)

PREVIOUSLY REPAIRED NORTH PERIMETER FENCE BY LR-8 APPEARED FENCE HAD BEEN CUT SO ACCESS COULD BE GAINED. (POSSIBLY HUNTERS) REATTACHED FENCE TO POST + PUT NEW NO TRESPASS SIGN ON FENCE



BBL Environmental Services, Inc.

PAS Site  
Oswego, New York

Leachate Disposal Checklist

T. HENSON  
BLES Project Personnel

11/16/99  
Date

5:50  
Time On-Site

BFL  
Transportation Subcontractor

CECS  
Leachate Destination

PUMPING RECORD FROM WELLS TO TANK

Well	Leachate Collection Well Pumping		Well Pumping Flow Rate Analysis		Flow Rate Calculation	Remarks
	Start Time	Stop Time	Time	Tank Elev. (Ft. Down)		
LCW-1	5:55	9:07			SEE BELOW	INTERMITTENT OPERATION
LCW-2	5:50	9:20				
JW-3	6:00	9:19				
JW-4	5:50	9:21				

Leachate Holding Tank: USED STICK MEASUREMENT

AVG. PUMP RATE =  $\frac{10,174 \text{ GALS}}{301 \text{ MIN}} = 33.8 \text{ GPM}$

Initial Flow Meter Reading:  
Final Flow Meter Reading: FLOWMETER IN OP

PUMPING FROM TANK TO DISPOSAL TRUCK

Load	(Pre-Loading) Tanker		(Post-Loading) Tanker		Destination	Remarks
	Time	Confirmed Clean	Time	Tanker Volume (By Stick Meas.)	Manifest	
Load #1	8:05	YES	9:40	5074	CELOS NY61655541	W.O. # 282549
Load #2	10:00	YES	10:50	5074	CELOS NY61655568	W.O. # 282553
Load #3						
Load #4						

BBL Environmental Services, Inc.

PAS Site  
Oswego, New York

Leachate Disposal Checklist

T. HENSON 11/3/99 6:30  
 BLES Project Personnel Date Time On-Site  
BFC CELOS  
 Transportation Subcontractor Leachate Destination

PUMPING RECORD FROM WELLS TO TANK

Well	Leachate Collection Well Pumping		Well Pumping Flow Rate Analysis		Flow Rate Calculation	Remarks
	Start Time	Stop Time	Time	Tank Elev. (Fl. Down)		
LCW-1	7:00	8:05			SEE BELOW	INTERMITTENT OPERATION
LCW-2	6:30	9:15				
W-3	7:05	8:11				
JW-4	6:30	9:25				

Leachate Holding Tank: USED STICK MEASUREMENTS

Initial Flow Meter Reading:  
 Final Flow Meter Reading: FLOW METER IN OP

$$Q = \frac{10337 \text{ GALS}}{219 \text{ MIN}} = 47 \text{ GPM}$$

PUMPING FROM TANK TO DISPOSAL TRUCK

Load	(Pre-Loading) Tanker		(Post-Loading) Tanker		Destination Manifest	Remarks
	Time	Confirmed Clean	Time	Tanker Volume (By Stick Meas.)		
Load #1	8:15	YES	9:30	5263	CECOS NY61719018	W.O.# 282609
Load #2	9:31	YES	10:30	5074	CECOS NY61719027	W.O.# 282610
Load #3						
Load #4			TOTAL	10337		

BBL Environmental Services, Inc.

PAS Site  
Oswego, New York

Leachate Disposal Checklist

T. Henson

12/18/99

6:15

BLES Project Personnel

Date

Time On-Site

BFL

CECOS

Transportation Subcontractor

Leachate Destination

PUMPING RECORD FROM WELLS TO TANK

Well	Leachate Collection Well Pumping		Well Pumping Flow Rate Analysis		Flow Rate Calculation	Remarks
	Start Time	Stop Time	Time	Tank Elev. (Ft. Down)		
LCW-1	6:26	9:25			SEE BELOW	INTERMITTANT OPERATION
JW-2	6:20	8:15				J
N-3	6:20	9:07				
JW-4	6:20	8:35				

Leachate Holding Tank: USED STICK MEASUREMENT.

Initial Flow Meter Reading:

Final Flow Meter Reading: METER INOP

$$Q = \frac{10,859 \text{ Gals}}{241 \text{ min}} = 456 \text{ PPM}$$

PUMPING FROM TANK TO DISPOSAL TRUCK

Load	(Pre-Loading) Tanker		(Post-Loading) Tanker		Destination	Remarks
	Time	Confirmed Clean	Time	Tanker Volume (By Stick Meas.)	Manifest	
Load #1	10:00	YES	11:30	5,709	CECOS NY61655577	W.O. # 282611
Load #2	11:35	YES	12:00	5,150	CECOS NY61655595	W.O. # 282636
Load #3						
Load #4						
			TOTAL	10,859		

## ***Attachment 3***

**BBL ENVIRONMENTAL SERVICES, INC.**

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# ***Hazardous Waste Manifests***

NYG 1655568

DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
DIVISION OF SOLID & HAZARDOUS MATERIALS

RECEIVED

HAZARDOUS WASTE MANIFEST  
P.O. Box 12820, Albany, New York 12212

OCT 17 1999

Please type or print. Do not staple

GENERATOR  
TRANSPORTER  
FACILITY  
In case of emergency or spill immediately call the National Response Center (800) 424-6242 and the NYS Department of Environmental Conservation (518) 457-7373

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. **NY 0800051165000**  
Manifest Doc. No. **47**

2. Page 1 of 1  
Information within heavy bold line is required by Federal Regulations  
**GLASSBORO, BOYD & GEE, INC.  
ROCHESTER, NY**

3. Generator's Name and Mailing Address  
**P&S Oswego Site Participation Agreement Parties  
c/o OBL Environmental Services, Inc. Attn: L.W. McBurney  
6723 Tompeth Rd, P.O. Box 66, Syracuse, NY 13214-0066**

A. **NYG 1655568**

4. Generator's Telephone Number **(315) 446-9120**

B. Generator's ID # **LL 1103 ASATC 15 ENT  
Services Site, E. Seneca St. Oswego, NY  
13126**

5. Transporter 1 (Company Name) **Buffalo Fuel Corp.**  
6. US EPA ID Number **NY R020045724**

C. State Transporter's ID **772072 (N)**

7. Transporter 2 (Company Name)

D. Transporter's Telephone **(800) 677-8003**

9. Designated Facility Name and Site Address  
**CECOS International, Inc.  
5600 Niagara Falls Boulevard  
Niagara Falls, NY 14304**  
10. US EPA ID Number **NY 0080336241**

E. State Transporter's ID

F. Transporter's Telephone ( )

G. State Facility ID

H. Facility Telephone ( ) **(716) 282-2676**

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers Number	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. <b>RQ, Waste, Environmentally Hazardous Substance, Liquid, 3, a.o.s., UN3082, PG III, Multi-Source Leachate, 6039 (Benzene Toluene, Xylene)</b>	<b>02-1</b>	<b>105074</b>	<b>g</b>	EPA <b>F039</b> STATE
b.				EPA STATE
c.				EPA STATE
d.				EPA STATE

J. Additional Descriptions for Materials listed Above  
**Water 99%, Toluene 0.000454  
a. Xylene 0.00118, Benzene 0.000074**

K. Handling Codes for Wastes Listed Above  
a.  b.  c.  d.

15. Special Handling Instructions and Additional Information  
**Emergency Response Refer to ERS-31  
24-hour Contacts: (800) 677-6003**  
Product Code: 12285-AAS  
Work Order No.: **282553**

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.  
If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name **Jason AS Agent** Signature **[Signature]** Mo. **10** Day **06** Year **99**

17. Transporter 1 Acknowledgement of Receipt of Materials  
Printed/Typed Name **CHRIS NEWMAN** Signature **[Signature]** Mo. **10** Day **06** Year **99**

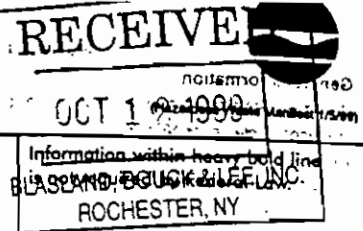
18. Transporter 2 Acknowledgement of Receipt of Materials  
Printed/Typed Name Signature Mo. Day Year

19. Discrepancy Indication Space **QUANTITY REC. 20.76 TONS.**

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.  
Printed/Typed Name **JASON G. SYKES** Signature **[Signature]** Mo. **10** Day **06** Year **99**

NYG 1655541

STATE OF NEW YORK  
DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
DIVISION OF SOLID & HAZARDOUS MATERIALS  
HAZARDOUS WASTE MANIFEST  
P.O. Box 12820, Albany, New York 12212



Please type or print. Do not staple

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. NY 00005115300046	Manifest Doc. No.	2. Page 1 of 1	Information within heavy bold line BLASBAND, BUGLICK & CO. INC. ROCHESTER, NY		
3. Generator's Name and Mailing Address PAS Oswego Site Participation Agreement Parties c/o BEL Environmental Services, Inc. Attn: L.V. McBurney 6723 Tempeth Rd. P.O. Box 66, Syracuse, NY 13214-0066				A. NYG 1655541			
4. Generator's Telephone Number ( ) 315 446-9123		5. Transporter 1 (Company Name) Buffalo Fuel Corp.		6. US EPA ID Number NY 0000000000007224		B. Generator's ID POLLUTION ABATEMENT Services Site, E. Seneca St. Oswego, NY 13126	
7. Transporter 2 (Company Name)		8. US EPA ID Number		C. State Transporter's ID 862170 (NY)		D. Transporter's Telephone 800 677-0003	
9. Designated Facility Name and Site Address CECOS International, Inc. 3600 Niagara Falls Boulevard Niagara Falls, NY 14304				10. US EPA ID Number NY 00000000000041		E. State Transporter's ID	
						F. Transporter's Telephone ( )	
						G. State Facility ID	
						H. Facility Telephone ( ) 716-282-2576	
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)			12. Containers Number	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.	
a. Oil, Waste, Environmentally Hazardous Substance, Liquid, 3, n.o.s., UN3082, PG III, Multi-Source Leachate, F039 (Benzene, Toluene, Xylene)			0.01	TT	05100	G	EPA STATE F039
b.							EPA STATE
c.							EPA STATE
d.							EPA STATE
J. Additional Descriptions for Materials listed Above				K. Handling Codes for Wastes Listed Above			
a. Water 99%, Toluene 0.00007%, Xylene 0.0011%, Benzene 0.00007%				a <input checked="" type="checkbox"/> c <input type="checkbox"/>			
b.				b <input type="checkbox"/> d <input type="checkbox"/>			
15. Special Handling Instructions and Additional Information Emergency Response Refer to ERG-31 24-hour Contact: (800) 677-8003 Product Code: 12283-AAS Work Order No.: 282547							
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.							
Printed/Typed Name T. McBurney for PAS Site Participation Agreement Parties				Signature <i>T. McBurney</i>		Mo. Day Year 11 01 1999	
17. Transporter 1 Acknowledgement of Receipt of Materials							
Printed/Typed Name Robert L. Simcox Jr.				Signature <i>Robert L. Simcox Jr.</i>		Mo. Day Year 11 01 1999	
18. Transporter 2 Acknowledgement of Receipt of Materials							
Printed/Typed Name				Signature		Mo. Day Year	
19. Discrepancy Indication Space QUANTITY REC. 22.04 TONS.							
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.							
Printed/Typed Name Michael J. Cault				Signature <i>Michael J. Cault</i>		Mo. Day Year 11 01 1999	

In case of emergency or spill immediately call the National Response Center (800) 424 J2 and the NYS Department of Environmental Conservation (518) 457-7734

NYG 1719018

DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
DIVISION OF SOLID & HAZARDOUS MATERIALS



HAZARDOUS WASTE MANIFEST  
P.O. Box 12820, Albany, New York 12212

Please type or print. Do not staple

(Hazardous Waste Manifest 1/5/99)

In case of emergency or spill, immediately call the National Response Center (800) 424-2542 and the NYS Department of Environmental Conservation (518) 457-7362

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No. NY 200051165900051	Manifest Doc. No.	2. Page 1 of 1	Information within heavy bold line is not required by Federal Law.	
3 Generator's Name and Mailing Address PAS Oswego Site Participation Agreement Parties c/o W&E Environmental Services, Inc. Attn: L. McNamara 6723 Tompkins Rd., P.O. Box 95, Syracuse, NY 13219-0095				A. <b>NYG 1719018</b>		
4 Generator's Telephone Number (315) 445-9120		6. US EPA ID Number NY 2000004572		B. Generator's ID collection Abatement Services Site, 2. Seneca St. Oswego, NY 13127		
5 Transporter 1 (Company Name) Buffalo Fuel Corp.		8. US EPA ID Number		C. State Transporter's ID 120120		
7 Transporter 2 (Company Name)		10. US EPA ID Number		D. Transporter's Telephone (800) 677-8033		
9 Designated Facility Name and Site Address Cetus International, Inc. 3600 Niagara Falls Blvd. Niagara Falls, New York 14304		10. US EPA ID Number NY 20000336201		E. State Transporter's ID		
11 US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)		12. Containers Number Type		13. Total Quantity		14. Unit Wt/Vol
a. Oil, Waste, Environmentally hazardous substance, Liquid, 9, n.o.s., uncod., Pu III, Multi-Source Leachate, F033 (Benzene, Toluene, Xylene)		1		105263		6
b.						
c.						
d.						
15. Special Handling Instructions and Additional Information Emergency Response Refer to ERC-31 24 Hour Contacts: (607) 677-8033				K. Handling Codes for Wastes Listed Above a. <input type="checkbox"/> b. <input type="checkbox"/> c. <input type="checkbox"/> d. <input type="checkbox"/>		
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.				Product Code: 12255-AA3 Work Order No.: 200209		
17. Transporter 1 Acknowledgement of Receipt of Materials		Signature		Mo Day Year 11/03/99		
18. Transporter 2 Acknowledgement of Receipt of Materials		Signature		Mo Day Year 11/03/99		
19. Discrepancy Indication Space Quantity Rec 2153 TONS						
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19						
Printed/Typed Name TACON E. SYKES		Signature		Mo Day Year 11/03/99		

NYG 1719027

DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
DIVISION OF SOLID & HAZARDOUS MATERIALS



HAZARDOUS WASTE MANIFEST  
P.O. Box 12820, Albany, New York 12212

(Hazardous Waste Manifest 1/5/99)

Please type or print. Do not staple

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No. <b>NY 00 00 511 65 9 000 52</b>	Manifest Doc. No.	2. Page 1 of <b>1</b>	Information within heavy bold line is not required by Federal Law.	
3. Generator's Name and Mailing Address <b>PAS Oswego Site Participation Agreement Parties C/O SOL Environmental Services, Inc. Attn: L.B. McDermoy 6733 Tompkins Rd., P.O. Box 56, Syracuse, New York 13214-0066</b>				A. <b>NYG 1719027</b>		
4. Generator's Telephone Number ( <b>315</b> ) <b>445-9120</b>				B. Generator's ID <b>Pollution Abatement Services, 55 E. Seneca St. Oswego, NY 13126</b>		
5. Transporter 1 (Company Name) <b>Buffalo Fuel Corp.</b>		6. US EPA ID Number <b>NY KB-00 045 72 4</b>		C. State Transporter's ID <b>772072 (NY)</b>		
7. Transporter 2 (Company Name)		8. US EPA ID Number		D. Transporter's Telephone ( <b>300</b> ) <b>677-8003</b>		
9. Designated Facility Name and Site Address <b>CECUS International, Inc. 5600 Niagara Falls Blvd. Niagara Falls, New York 14304</b>		10. US EPA ID Number <b>NY 00 80 33 62 4 1</b>		E. State Transporter's ID		
				F. Transporter's Telephone ( )		
				G. State Facility ID		
				H. Facility Telephone ( <b>716</b> ) <b>262-2676</b>		
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)					12. Containers Number	13. Total Quantity
a. <b>RD, Waste, Environmentally Hazardous Substance, Liquid, #, n.o.s., UN3082, PG III, Multi-Source Leachate, F039 (Benzene, Toluene, Xylene)</b>					0	05074
b.						
c.						
d.						
14. Unit Wt/Vol					I. Waste No. EPA <b>F039</b> STATE	
J. Additional Descriptions for Materials listed Above <b>Water 99%, Toluene 0.00045%</b>					K. Handling Codes for Wastes Listed Above	
a. <b>Xylene 0.0011%, Benzene 0.0003%</b>					I <input type="checkbox"/>	
b.					d <input type="checkbox"/>	
15. Special Handling Instructions and Additional Information <b>Emergency Response Refer to ERG-31 24-Hour Contacts: (800) 677-8003</b>						
<b>Product Code: 12285-AA3</b>						
<b>Work Order No.: 30610</b>						
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.						
Printed/Typed Name <b>THANW - As-Is</b> Signature <i>[Signature]</i> Mo. Day Year <b>11 10 319 9</b>						
17. Transporter 1 Acknowledgement of Receipt of Materials						
Printed/Typed Name <b>Dave C...</b> Signature <i>[Signature]</i> Mo. Day Year <b>11 10 319 9</b>						
18. Transporter 2 Acknowledgement of Receipt of Materials						
Printed/Typed Name Signature Mo. Day Year						
19. Discrepancy Indication Space <b>Quantity Rec.</b>						
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.						
Printed/Typed Name <b>JASON B. SYKES</b> Signature <i>[Signature]</i> Mo. Day Year <b>11 03 99</b>						

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7342



NYG 1655595

STATE OF NEW YORK  
DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
DIVISION OF SOLID & HAZARDOUS MATERIALS



HAZARDOUS WASTE MANIFEST  
P.O. Box 12820, Albany, New York 12212

(Hazardous Waste Manifest 1/5/99)

Please type or print. Do not staple

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7366.

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No. <b>NY D0 00 51 165 9 000 57</b>	Manifest Doc. No.	2. Page 1 of <b>1</b>	Information within heavy bold line is not required by Federal Law.
3. Generator's Name and Mailing Address <b>PAS Oswego Site Participation Agreement Parties c/o EOL Environmental Services, Inc. Attn: Lowell W. McBurney 6723 Toppath Rd. P.O. Box 66, Syracuse, NY 13214-0066</b>			A. <b>NYG 1655595</b>		
4. Generator's Telephone Number ( <b>315</b> ) <b>446-9120</b>			B. Generator's ID <b>Pollution Abatement Services Site, E. Seneca St. Oswego, NY 13126</b>		
5. Transporter 1 (Company Name) <b>Buffalo Fuel Corporation</b>	6. US EPA ID Number <b>NY R0 00 04 572 4</b>		C. State Transporter's ID <b>77207 ZNY</b>		
7. Transporter 2 (Company Name)	8. US EPA ID Number		D. Transporter's Telephone ( <b>800</b> ) <b>677-8003</b>		
9. Designated Facility Name and Site Address <b>CECOS International, Inc. 5600 Niagara Falls Boulevard Niagara Falls, NY 14304</b>			E. State Transporter's ID		
10. US EPA ID Number <b>NY D0 08 033 62 47</b>			F. Transporter's Telephone ( )		
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)			12. Containers Number	13. Total Quantity	14. Unit Wt/Val
a. <b>Waste, Environmentally Hazardous Substance, Liquid, 9 a.s.s. (23082, PG III, Multi-Source Leachate, F039 (Benzene, Toluene, Xylene)</b>			<b>0</b>	<b>01</b>	<b>TT</b>
				<b>051150</b>	<b>G</b>
b.					
c.					
d.					
1. Additional Descriptions for Materials listed Above <b>Water 99%, Toluene 0.00045%</b> <b>Xylene 0.0011%, Benzene 0.00007%</b>			K. Handling Codes for Wastes Listed Above		
c			a	<input checked="" type="checkbox"/>	c
b			b	<input type="checkbox"/>	d
15. Special Handling Instructions and Additional Information <b>Emergency Response Refer to ERU-31 24-hour Contact: (800) 677-8003</b>					
<b>Product Code: 1285-AA5 Work Order No.: 282636</b>					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name <b>Lowell W. McBurney Agent - PAS Site Participation Agreement Parties</b>		Signature		Mo.	Day
				<b>12</b>	<b>08</b>
				<b>4</b>	<b>9</b>
17. Transporter 1 Acknowledgement of Receipt of Materials		Signature		Mo.	Day
Printed/Typed Name <b>E. Wilson</b>				<b>11</b>	<b>20</b>
				<b>8</b>	<b>9</b>
18. Transporter 2 Acknowledgement of Receipt of Materials		Signature		Mo.	Day
Printed/Typed Name					
19. Discrepancy Indication Space <b>Quantity Received <u>21.34</u> + 0.5.</b>					
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.					
Printed/Typed Name <b>Michael J. Coit</b>		Signature		Mo.	Day
				<b>1</b>	<b>2</b>
				<b>03</b>	<b>99</b>

NYG 1655577

STATE OF NEW YORK  
DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
DIVISION OF SOLID & HAZARDOUS MATERIALS



HAZARDOUS WASTE MANIFEST  
P.O. Box 12820, Albany, New York 12212

(Hazardous Waste Manifest 1/3/99)

Please type or print. Do not staple

In case of emergency or spill immediately call the National Response Center (800) 424-9292 and the NYS Department of Environmental Conservation (518) 457-7373

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No. <b>NY D0 00 5 1 1 6 5 9 0 0 0 5b</b>	Manifest Doc. No. <b>5b</b>	2. Page 1 of <b>1</b>	Information within heavy bold line is not required by Federal Law.
3. Generator's Name and Mailing Address <b>PAS Oswego Site Participation Agreement Parties c/o SOL Environmental Services, Inc. Attn: L.W. McBurney 6723 Tompath Rd. P.O. Box 66, Syracuse, NY 13214-0066</b>			A. <b>NYG 1655577</b>		
4. Generator's Telephone Number (315) <del>444-5120</del>			B. Generator's ID <b>Pollution Abatement Services Site, E. Seneca St. Oswego, NY 13126</b>		
5. Transporter 1 (Company Name) <b>Buffalo Fuel Corp.</b>	6. US EPA ID Number <b>NYR 00 00 0 5 7 2 4</b>		C. State Transporter's ID <b>82132V(NY)</b>		
7. Transporter 2 (Company Name)	8. US EPA ID Number		D. Transporter's Telephone (800) <b>677-8003</b>		
9. Designated Facility Name and Site Address <b>CECOS International, Inc. 5600 Niagara Falls Boulevard Niagara Falls, NY 14304</b>			E. State Transporter's ID		
10. US EPA ID Number <b>NY 00 00 3 3 6 2 4 1</b>			F. Transporter's Telephone ( )		
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)			G. State Facility ID		
a. <b>Waste, Environmentally Hazardous Substances, Liquid, 9, n.o.s. UN3082, PG III, Multi-Source Leachate, F039 (Benzene, Toluene, Xylene)</b>			H. Facility Telephone (716) <b>282-2676</b>		
b.			I. Waste No. EPA <b>F039</b>		
c.			STATE		
d.			EPA		
			STATE		
12. Containers Number Type			13. Total Quantity		
a. <b>0 0 1 T</b>			<b>05709 G</b>		
b.					
c.					
d.					
14. Unit Wt/Val			I. Waste No.		
			EPA		
			STATE		
			EPA		
			STATE		
			EPA		
			STATE		
15. Special Handling Instructions and Additional Information <b>Emergency Response Refer to ERG-31 24-Hour Contact: (360) 677-8003</b>			K. Handling Codes for Wastes Listed Above		
a. <b>Water 99%, Toluene 0.00085%, Xylene 0.0011%, Benzene 0.00007%</b>			a. <input checked="" type="checkbox"/> T <input type="checkbox"/> c <input type="checkbox"/>		
b.			b. <input type="checkbox"/> d <input type="checkbox"/>		
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.			Product Code: <b>1225-AAA</b> Mark Order No.: <b>282611</b>		
Printed/Typed Name <b>J. Henson</b> As Agent Signature <i>J. Henson</i>			Mo. Day Year <b>11 2 08 14</b>		
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name <b>Timothy W. Ellis</b> Signature <i>Timothy W. Ellis</i>			Mo. Day Year <b>12 08 19</b>		
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name Signature			Mo. Day Year		
19. Discrepancy Indication Space <b>Gen 2.25g Benzene 2.55 1.5</b>					
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. Printed/Typed Name <b>M. J. C. H.</b> Signature <i>M. J. C. H.</i>			Mo. Day Year <b>12 08 17</b>		

# ***Attachment 4***

BBL ENVIRONMENTAL SERVICES, INC.

---

## ***Waste Treatment/Disposal Certification***

9066-0604-8202 © 1998, Moore Business Solutions Direct. All rights reserved.

1111

Date : 10-06-99 Time In: 14:00:33 Time Out: 15:26:16  
 Ticket # : 006824 CMS # : 0000042 LMS #: 0000100  
 Customer : SEE GENERATOR  
 Vehicle # : 006889 Lic Plates:  
 CECOS  
 Manifest # : 1655560 PO #: Transporter: S  
 Source CD : Generator : NY CECOS OF NEW YORK  
 Comment : BFC Operator: R. SMITH  
 Scale In #: 1 Scale Out #: 1  
 Gross Wt : 39.89 Tare Wt: 18.33 Net Wt: 20.76 t

Item	Descr	Bill Qty	\$/Unit	Extended
SPC	SPC	20.76 t		

Drive Safety!!!!  
 School is in session



CECOS

CECOS INTERNATIONAL, INC.  
 5600 NIAGARA FALLS BLVD.  
 NIAGARA FALLS, NY 14304

No.: 001263

SIGNATURE:

*[Handwritten Signature]*

W<sup>0</sup>  
 # 182553

9006-0804-8202 : 1998 More Business Solutions Direct All rights reserved 1333

Date : 18-06-99 Time In: 14:09:47 Time Out: 16:05:32  
 Ticket # : 006025 CMS # : 0000042 LMS # : 0000100  
 Customer : SEE GENERATOR  
 Vehicle # : 006080 Lic Plate:  
 CECOS  
 Manifest # : 1655541 PO # :  
 Source Cd : Generator : CHY CECOS OF NEW YORK  
 Comment : BFC Operator: AL SMITH  
 Scale In # : 1 Scale Out #: 1  
 Gross Wt : 30.27 Tare Wt: 16.23 Net Wt: 22.04 t

Item	Descr	Bill Qty	\$/Unit	Extended
SPC	SPC	22.04 t		

Drive Safely!!!!  
 School is in session



CECOS

No: 001264

CECOS INTERNATIONAL, INC.  
 5600 NIAGARA FALLS BLVD.  
 NIAGARA FALLS, NY 14304

40 #

282549

SIGNATURE:

1111

Date : 11-03-99 Time In: 13:44:03 Time Out: 15:48:08

Ticket # : A18897 CMS # : 8898842 LMS #: 8888198

Customer : SEE GENERATOR

Vehicle # : 888464 Lic Plates:

CECOS

Manifest # : PO #: Transporter: BFC

Source Cd : Comment : BUFFALO FUEL Operator: RL SMITH

Scale In # : 1 Scale Out #: 1

Gross Wt : 39.43 Tare Wt: 18.18 Net Wt: 21.25 t

Item	Descr	Bill Qty	\$/Unit	Extended
SPC	SPC	21.25 t		

Drive Safely!!!!  
Snow is on it's way!



CECOS

CECOS INTERNATIONAL, INC.  
5600 NIAGARA FALLS BLVD.  
NIAGARA FALLS, NY 14304

No.: 001353

*W0 At 232010*

SIGNATURE: *Flare Barber*

Post-Net brand fax transmittal memo 7671

11/3/99

# of pages 2

To	From
Co. <i>Doug Ruess</i>	Co. <i>John Duffee</i>
Dept. <i>BBC</i>	Phone # <i>CECOS</i>
Fax #	Fax #



CECOS

No.: 001352

CECOS INTERNATIONAL, INC.  
5600 NIAGARA FALLS BLVD.  
NIAGARA FALLS, NY 14304

Date : 11-03-99 Time In: 13:40:16 Time Out: 14:57:87  
 Ticket # : 018896 DNS # : 8088042 LMS # : 8080188  
 Customer : SEE GENERATOR Lic Plate:  
 Vehicle # : 808460  
 CECS  
 Manifest # : PU # : Transporter: BFC  
 Source Cd :  
 Comment : BURNED FUEL Operator: R SMITH  
 Scale In # : 1 Scale Out # : 1  
 Gross Wt : 37.82 Tare Wt: 16.29 Net Wt: 21.53 t

Item	Descr	Bill Qty	\$/Unit	Extended
SPC	SPC		21.53 t	

Drive Safely!!!!  
Snow is on it's way!

*WD # 202109*

SIGNATURE:



CECOS

No.: UU1441

date : 12 MS 77      Time In: 10:17:40      Time Out: 10:17:40  
 sheet # : 414242      CMS # : 000042      LMS # : 9964104  
 plant : SEC GENERATOR      Lic Plate:  
 phone # : 640-70

CECOS INTERNATIONAL, INC.  
 5600 NIAGARA FALLS BLVD.  
 NIAGARA FALLS, NY 14304

Manifest # :      PO # :      Transporter: BFC  
 source Co :      Generator : LMS      CECOS OF NEW YORK  
 amount : BFC      Operator: AL SMITH  
 scale in # : 1      Scale Out #: 1  
 gross wt : 39.44      Tare Wt: 15.64      Net Wt: 23.80 t

Fee	Descr	Bill Qty	\$/Unit	Extended
40	SPC	23.80	t	

*Handwritten:* CW # 232611

Have a Safe and Happy Holiday!

SIGNATURE: \_\_\_\_\_

*Handwritten signature*





CECOS

No.: 001440

Date : 12-08-99 Time In: 15:29:00 Time Out: 17:09:26  
 Ticket # : A14376 CMS # : 0000042 LMS #: 0000100  
 Customer : SEE GENERATOR  
 Vehicle # : 000461 Lic Plate:

CECOS INTERNATIONAL, INC.  
 5600 NIAGARA FALLS BLVD.  
 NIAGARA FALLS, NY 14304

CECOS  
 Manifest # : PO # : Transporters: BFC  
 Source Cd : Generator : CNY CECOS OF NEW YORK  
 Comment : BUFFALO FUEL Operator: AL SMITH  
 Scale In # : 1 Scale Out # : 1  
 Gross Wt : 39.51 Tare Wt: 18.17 Net Wt: 21.34 t

Item	Descr	Bill Qty	\$/Unit	Extended
SPC	SFC	21.34 t		

W# 282636

Have a Safe and Happy Holiday!

SIGNATURE: *[Handwritten Signature]*

Post-It® Fax Note	7671	Date	12/8/99	# of pages	2
To	Dave R.	From	Mik Caulton		
Co./Dept.	BBL	Co.	CECOS		
Phone #		Phone #			
Fax #	252-6715	Fax #	282-6073		

# ***Attachment 5***

BBL ENVIRONMENTAL SERVICES, INC.

---

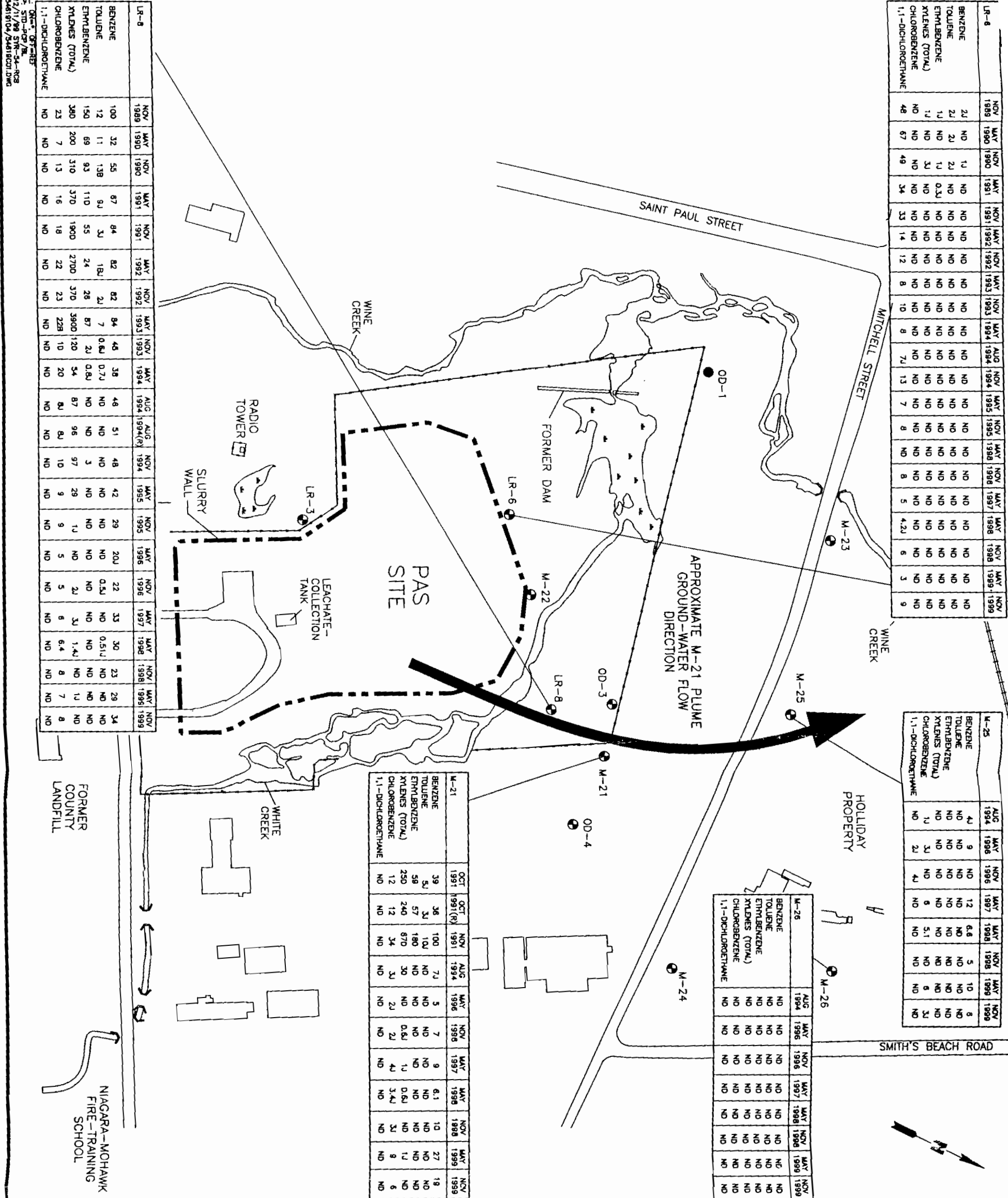
LR-6	NOV 1989	MAY 1990	NOV 1990	MAY 1991	NOV 1991	MAY 1992	NOV 1992	MAY 1993	NOV 1993	MAY 1994	NOV 1994	MAY 1995	NOV 1995	MAY 1996	NOV 1996	MAY 1997	NOV 1997	MAY 1998	NOV 1998	MAY 1999	NOV 1999
BENZENE	24	ND	21	11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TOLUENE	11	ND	21	11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
ETHYLBENZENE	11	ND	21	11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
XYLENES (TOTAL)	11	ND	21	11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CHLOROBENZENE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-DICHLOROETHANE	48	67	49	34	33	14	8	10	8	71	13	7	8	ND	ND	ND	ND	ND	ND	ND	ND

M-25	AUG 1994	MAY 1996	NOV 1996	MAY 1997	MAY 1998	NOV 1998	MAY 1999	NOV 1999
BENZENE	41	9	ND	12	6.6	5	10	8
TOLUENE	ND	ND	ND	ND	ND	ND	ND	ND
ETHYLBENZENE	ND	ND	ND	ND	ND	ND	ND	ND
XYLENES (TOTAL)	ND	31	ND	8	5.1	8	31	ND
CHLOROBENZENE	ND	21	41	ND	ND	ND	ND	ND
1,1-DICHLOROETHANE	ND	ND	ND	ND	ND	ND	ND	ND

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

M-21	OCT 1991	OCT 1991(R)	NOV 1991	AUG 1994	MAY 1996	NOV 1996	MAY 1997	MAY 1998	NOV 1998	MAY 1999	NOV 1999
BENZENE	39	31	100	71	5	7	9	6.1	10	27	19
TOLUENE	58	57	180	30	ND	ND	ND	ND	ND	ND	ND
ETHYLBENZENE	250	240	870	31	21	0.61	11	0.61	ND	ND	ND
XYLENES (TOTAL)	12	12	34	ND	ND	0.61	41	3.41	ND	ND	ND
CHLOROBENZENE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-DICHLOROETHANE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

LR-8	NOV 1989	MAY 1990	NOV 1990	MAY 1991	NOV 1991	MAY 1992	NOV 1992	MAY 1993	NOV 1993	MAY 1994	AUG 1994	AUG 1994(R)	NOV 1994	MAY 1995	NOV 1995	MAY 1996	NOV 1996	MAY 1997	MAY 1998	NOV 1998	MAY 1999	NOV 1999
BENZENE	100	32	55	87	84	82	82	84	46	38	48	51	48	42	29	201	22	33	30	23	29	34
TOLUENE	12	11	138	91	55	24	21	7	0.61	0.71	ND	ND	ND	ND	ND	0.51	ND	0.51	ND	ND	ND	ND
ETHYLBENZENE	150	69	93	110	31	28	28	87	21	0.81	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
XYLENES (TOTAL)	380	200	310	370	190	2700	370	3900	120	54	87	96	97	29	11	ND	21	31	1.41	ND	11	ND
CHLOROBENZENE	23	7	13	16	18	22	23	228	10	20	81	81	10	9	5	ND	5	8	6.4	8	7	8
1,1-DICHLOROETHANE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND



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

**HISTORICAL CONCENTRATIONS OF VOCs  
OF CONCERN DETECTED IN CONSENT  
DECREE WELLS (1989-1999)**

**BBL** BUSLAND, BOUCK & LEE, INC.  
engineers & scientists

FIGURE 3

**EXPLANATION**

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

DATE OF SAMPLING LOCATION

DESIGNATION OF SAMPLING LOCATION (R=REPLICATE)

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

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

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., INC. (DEC. 1994), TITLED "BORING, WELL & TEST PIT PLOT PLAN."  
2. ANALYTICAL DATA PRIOR TO AUGUST 1994 OBTAINED FROM GOLDER ASSOCIATES, INC. (1993a) AND URS COMPANY, INC. (1994)  
3. FIGURE PROVIDED BY ROUX ASSOCIATES, INC. (PROJECT NO. 32702M06, FILE D0610002, DATED 3/98) AND PREVIOUSLY PRESENTED IN "REVIEW OF INTERIM GROUNDWATER REMOVAL AND LONG-TERM MONITORING PROGRAM DATA FOR PAS SITE" (MARCH 1998).

GRAPHIC SCALE  
0 200' 400'

LR6

**Appendix B  
BBL Environmental Services, Inc.  
PAS Site  
Oswego, New York**

**Operation and Maintenance and Long-Term Monitoring Plan**

**Ground-Water Sampling Field Data Sheet**

Sample Identifier: LR6 Site Name: PAS  
 Date: 11-1-99 Time: 750  
 Personnel: PAS  
 Weather: ~ 35°F sunny  
 Sample Location: LR6  
 Screen/Sample Depth: ~ 55'  
 Sampling Device: Groundhog

**Ground-Water Purging**

Initial Static Water Level: 12.10 TD: 60.33

Well Volume: \_\_\_\_\_

2-Inch Casing: X Feet of Water x 0.16 Gallon/Foot = \_\_\_\_\_ Gallons

3-Inch Casing: \_\_\_\_\_ Feet of Water x 0.36 Gallons/Foot = \_\_\_\_\_ Gallons

4-Inch Casing: \_\_\_\_\_ Feet of Water x 0.65 Gallons/Foot = \_\_\_\_\_ Gallons

Volume of ground water purged: ~ 5.0

Purging Device: BROWNS

Purge Water Disposition (e.g., contained): yes

Sample Description: \_\_\_\_\_

Color: not clear

Odor: none

Other: \_\_\_\_\_

Sample Analyzed for: VOCS @ 845 (MS/MSD)

QC Samples at this Location: yes

QC Samples Analyzed for: MS/MSD

Field Tests	750	755	8:00	845	820	830	840	845
Redox Potential (mV):	0.0	06.5	-47.9	-55.1	-64.1	-69.7	-73.2	Sum 20
pH:	6.33	6.65	7.09	7.04	7.03	7.07	7.04	
Conductivity (uS/cm):	0.951	1.015	1.100	1.107	1.114	1.122	1.120	
Turbidity (NTU):	85.2	55.4	55.5	1.2	1.3	1.1	0.88	
Dissolved Oxygen (mg/l):	3.91	3.53	2.21	1.32	1.35	1.27	0.88	
PID (ambient):	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Comments:	<del>yes</del>							
DTW	12.55	12.73	12.77	12.47	12.48	12.50	12.52	
Temp:	11.11	11.2	12.82	2.58	12.81	13.22	13.12	

LR 8

**Appendix B  
BBL Environmental Services, Inc.  
PAS Site  
Oswego, New York**

**Operation and Maintenance and Long-Term Monitoring Plan**

Ground-Water Sampling Field Data Sheet

Sample Identifier: LR 8 Site Name: PAS

Date: 11/1/99 Time: 1300

Personnel: TJH PAS

Weather: SUN 60S

Sample Location: LR 8

Screen/Sample Depth: \_\_\_\_\_

Sampling Device: LOWFOS

**Ground-Water Purging**

Initial Static Water Level: 12.53 TD = 40.10

Well Volume: \_\_\_\_\_

2-Inch Casing: X Feet of Water x 0.16 Gallon/Foot = \_\_\_\_\_ Gallons

3-Inch Casing: \_\_\_\_\_ Feet of Water x 0.36 Gallons/Foot = \_\_\_\_\_ Gallons

4-Inch Casing: \_\_\_\_\_ Feet of Water x 0.65 Gallons/Foot = \_\_\_\_\_ Gallons

Volume of ground water purged: \_\_\_\_\_

Purging Device: LOWFOS

Purge Water Disposition (e.g., contained): CONTAINED

Sample Description: VOC @ 1355

Color: Clear

Odor: A2S 150s odor

Other: \_\_\_\_\_

Sample Analyzed for: VOC

QC Samples at this Location: NONE

QC Samples Analyzed for: NONE

Field Tests	Time	1320	1325	1330	1335	1340	1345	1350
Redox Potential (mV):		-73.5	-78.4	-101.7	-116.9	-115.3	-113.7	-119.7
pH:		5.45	6.38	6.78	6.81	6.83	6.84	6.83
Conductivity (µS/cm):		1.679	1.754	1.774	1.769	1.756	1.757	1.762
Turbidity (NTU):		4.2	3.7	2.4	3.1	2.6	0.2	0.2
Dissolved Oxygen (mg/l):		9.03	0.38	0.28	0.24	0.26	0.29	0.23
PID (ambient):		0.0	0.0	0.0	0.0	0.0	0.0	0.0
Comments: <u>wc</u>		12.64	12.67	12.66	12.66	12.68	<del>12.70</del> 13.70	12.61
Temp:		12.24	12.42	12.46	12.38	12.42	12.46	12.38

M-21

**Appendix B  
BBL Environmental Services, Inc.  
PAS Site  
Oswego, New York**

**Operation and Maintenance and Long-Term Monitoring Plan**

**Ground-Water Sampling Field Data Sheet**

Sample Identifier: MW-21 m-21 Site Name: PAS  
 Date: 11-1-97 Time: 1208  
 Personnel: PAS, TSM  
 Weather: ~65 °F Sunny  
 Sample Location: MW-21 m-21  
 Screen/Sample Depth: 35.0'  
 Sampling Device: Grundfos

**Ground-Water Purging**

Initial Static Water Level: 11.38 TD-39.85

Well Volume: 4.38 TD-39.85

2-Inch Casing: \_\_\_\_\_ Feet of Water x 0.16 Gallon/Foot = \_\_\_\_\_ Gallons

3-Inch Casing: \_\_\_\_\_ Feet of Water x 0.36 Gallons/Foot = \_\_\_\_\_ Gallons

4-Inch Casing:  Feet of Water x 0.65 Gallons/Foot = \_\_\_\_\_ Gallons

Volume of ground water purged: 24.0 gallons

Purging Device: Grundfos

Purge Water Disposition (e.g., contained): \_\_\_\_\_

Sample Description: VOCs

Color: Clear

Odor: None

Other: \_\_\_\_\_

Sample Analyzed for: DOC

QC Samples at this Location: NO

QC Samples Analyzed for: NO

Field Tests	Time	1208	1210	1215	1220	1225	1230	1235	1240	1245
Redox Potential (mV):		-71.7	-110.7	-105.5	-112.7	-125.6	-125.2	-136.4	-143.2	-150.2
pH:		7.68	7.53	7.51	7.47	7.45	7.50	7.52	7.52	7.53
Conductivity (µS/cm):		0.99	0.945	0.947	0.945	0.978	0.739	0.920	0.898	0.999
Turbidity (NTU):		70.7	64.4	49.4	16.5	9.1	7.5	4.7	2.2	0.9
Dissolved Oxygen (mg/l):		3.90	1.93	4.60	0.73	0.72	0.95	0.74	0.68	0.50
PID (ambient):		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Comments: Temp		11.98	10.79	12.13	11.91	11.23	12.02	12.94	12.77	11.71
WL'		11.47	11.49	12.10	12.13	13.15	12.02	11.00	11.58	11.80
							12.17			

Appendix B  
 BBL Environmental Services, Inc.  
 PAS Site  
 Oswego, New York

Operation and Maintenance and Long-Term Monitoring Plan

Ground-Water Sampling Field Data Sheet

Sample Identifier: M-25 Site Name: PAS  
 Date: 11/1/99 Time: 1030  
 Personnel: Tim Hanson, Peter Spence  
 Weather: ~ 55° F sunny  
 Sample Location: M-25  
 Screen/Sample Depth: \_\_\_\_\_  
 Sampling Device: GROWFUS

Ground-Water Purging

Initial Static Water Level: 8.67 TO = 34.94  
 Well Volume: \_\_\_\_\_  
 2-Inch Casing: \_\_\_\_\_ Feet of Water x 0.16 Gallon/Foot = \_\_\_\_\_ Gallons  
 3-Inch Casing: \_\_\_\_\_ Feet of Water x 0.36 Gallons/Foot = \_\_\_\_\_ Gallons  
 6-Inch Casing: X Feet of Water x 0.65 Gallons/Foot = \_\_\_\_\_ Gallons

Volume of ground water purged: \_\_\_\_\_  
 Purging Device: GROWFUS  
 Purge Water Disposition (e.g., contained): CONTAINED

Sample Description: WOL @ 115  
 Color: clear  
 Odor: M-25 like very faint  
 Other: \_\_\_\_\_

Sample Analyzed for: WOL  
 QC Samples at this Location: None  
 QC Samples Analyzed for: \_\_\_\_\_

Field Tests	Time	1030	1035	1040	1045	1050	1055	1100	1105	1110	1115
Redox Potential (mV):		-87.8	-126.1	-123.2	-118.4	-100.7	-84.7	-71.9	-101.2	-104.4	
pH:		7.22	7.19	7.14	7.05	6.93	6.89	6.90	6.89	6.90	Sampled
Conductivity (µS/cm):		0.883	0.860	0.850	0.750	0.671	0.657	0.680	0.690	0.699	
Turbidity (NTU):		75.3	33.4	30.6	10.1	3.7	1.2	0.4	0.0	0.3	
Dissolved Oxygen (mg/l):		4.74	2.00	2.14	1.89	1.84	1.72	1.79	1.60	1.52	
PID (ambient):		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Comments: <u>WOL</u>		4.90	4.98	9.10	9.15	9.16	9.18	9.19	9.19	9.20	
Temperature °C		13.38	13.71	14.72	14.99	14.97	15.02	15.10	15.14	15.15	

M26

+ Blind Dup - 1

Appendix B  
BBL Environmental Services, Inc.  
PAS Site  
Oswego, New York

Operation and Maintenance and Long-Term Monitoring Plan

Ground-Water Sampling Field Data Sheet

Sample Identifier: M-26 Site Name: PAS  
Date: 11/11/99 Time: 700  
Personnel: TJA, PAS  
Weather: ~38° Sunny  
Sample Location: M-26  
Screen/Sample Depth: 44'  
Sampling Device: GRANFOS Pump

Ground-Water Purging

Initial Static Water Level: 13.93 TD = 44.46

Well Volume: \_\_\_\_\_

2-Inch Casing: \_\_\_\_\_ Feet of Water x 0.16 Gallon/Foot = \_\_\_\_\_ Gallons

3-Inch Casing: \_\_\_\_\_ Feet of Water x 0.36 Gallons/Foot = \_\_\_\_\_ Gallons

6-Inch Casing: X Feet of Water x 0.65 Gallons/Foot = \_\_\_\_\_ Gallons

Volume of ground water purged: ~5.0

Purging Device: GRANFOS Pump

Purge Water Disposition (e.g., contained): yes

Sample Description: VOL @ 740

Color: Clear

Odor: None

Other: \_\_\_\_\_

Sample Analyzed for: VOCs

QC Samples at this Location: Duplicate (Blind Dup - 1)

QC Samples Analyzed for: VOCs

Field Tests

	655	700	705	710	715	720	725	730	735
Redox Potential (mV):	144.1	121.2	117.1	100.8	108.1	112.9	118.8	102.3	
pH:	7.44	6.85	6.55	6.8	6.95	6.97	6.96	6.95	
Conductivity (µS/cm):	2.00	2.09	2.03	2.01	1.98	1.625	1.489	1.484	
Turbidity (NTU):	2.1	2.7	3.5	4.5	5.2	5.2	21.6	20.5	
Dissolved Oxygen (mg/l):	7.26	5.98	5.16	3.59	2.97	2.73	2.51	2.33	
PID (ambient):	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Comments:	DTW	14.00	14.04	13.00	14.22	14.22	14.22	14.22	
	Temp	11.91	12.59	13.00	13.15	13.09	12.97	12.61	12.95





SUBJECT AS SITE Oswego NY	PROJ. NO. 54619 PJ	BY TJH	DATE
------------------------------	-----------------------	-----------	------

LCW - 2

LCW - 4

PH 6.83

6.70

COND 2.29

4.87

TEMP 12.9°C

12.6°C

TURB 9

26

**Appendix C**  
**BBL Environmental Services, Inc.**  
**PAS Site**  
**Oswego, New York**

**Operation and Maintenance and Long-Term Monitoring Plan**

**Sediment Sampling Field Data Sheet**

Personnel (print): TIM HANSON, PETER SPENCE

Date: 1/1/99

Site Name: PAS SITE

Time: 6:00 AM

Weather: SUN 37°

1. Sediment Sampling

Sample Location Number	Sample Time	Physical Observations
<u>SS-1</u>	<u>1500</u>	<u>BROWN SILT WITH GREY SOFT CLAY</u>
<u>SS-3</u>	<u>8:30</u>	<u>DARK BROWN SILT WITH ORGANICS</u>
<u>SS-4A + 8mo DP2</u>	<u>10:30</u>	<u>BROWN SILT + GREY FINE SAND</u>

2. Ambient Air Sampling

Wind Direction: CALM

Sample Location Number	Sample Time	Comments
<u>SS-1</u>	<u>1500</u>	<u>0.0PPM</u>
<u>SS-3</u>	<u>8:30</u>	<u>0.0PPM</u>
<u>SS-4A</u>	<u>10:30</u>	<u>0.0PPM</u>

# ***Attachment B***

BBL ENVIRONMENTAL SERVICES, INC.

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**Blasland, Bouck & Lee  
Project: PAS Site - Oswego**

**SDG: L55405  
Login: L55405**

**Summary Data Package  
for samples collected  
November 1, 1999**

**Data Package sent to:**

**Mr. Lowell McBurney  
Blasland, Bouck & Lee  
6723 Towpath Rd.  
Box 66  
Syracuse, NY 13214**



Table of Contents – Summary Data Package

Blasland, Bouck & Lee  
Project: PAS Site - Oswego

SDG: L55405  
Login: L55405

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6601 Kirkville Road  
E. Syracuse, NY 13057-0369  
Phone: (315) 432-5227  
Fax: (315) 437-0571  
www.galsonlabs.com

Mr. Lowell McBurney  
Blasland, Bouck & Lee  
6723 Towpath Road, Box 66  
Syracuse, NY 13214

RE: PAS Site, Oswego; Project No. 546.19.101  
SDG L55405

The following package contains the analytical results of the samples submitted to our laboratory on November 2, 1999. The samples were received intact and under proper chain of custody. The temperature of the samples was checked upon receipt. The sample temperature, as recorded with a temperature gun, was 3°C. The samples were assigned to login and sample delivery group (SDG) L55405.

The samples were reported according to ASP Category B guidelines. Samples LR-6 and SS-3 were submitted for matrix spike and spike duplicate analyses. The samples were analyzed by SW846 method 8260 for site specific volatile list.

I certify that this package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the *package review checklist*. Release of the data contained in this hardcopy data package has been authorized by the laboratory manager or manager's designee, as verified by the following signature.

**Galson Laboratories**

A handwritten signature in black ink that reads "Lowell McBurney". The signature is written in a cursive style with a circular flourish at the end.

Date: November 22, 1999



GC/MS VOLATILES PACKAGE REVIEW CHECKLIST

Client: BPL Project: PAS Oswego SDG: L55705

	<u>YES</u>	<u>NO</u>	<u>NA</u>
DEC FORMS: Present and Complete	<u>✓</u>	<u>—</u>	<u>—</u>
Hold Times Met	<u>✓</u>	<u>—</u>	<u>—</u>

Comments: \_\_\_\_\_

FORM 1A: Present and Complete	<u>✓</u>	<u>—</u>	<u>—</u>
FORM 1E: Present and Complete	<u>—</u>	<u>—</u>	<u>✓</u>
Raw Data Present for All Samples	<u>✓</u>	<u>—</u>	<u>—</u>

Comments: \_\_\_\_\_

FORM 2A/B: Present and Complete	<u>✓</u>	<u>—</u>	<u>—</u>
Surrogate Recoveries in Limits	<u>—</u>	<u>✓</u>	<u>—</u>
If No, sample(s) reanalyzed.	<u>✓</u>	<u>(*)</u>	<u>—</u>

Comments: (\*) SS-1 was not reanalyzed due to an oversight. There was nothing detected in this sample therefore the high recovery of 1,2-dichloroethane does not affect the data.

FORM 3A/B: Present and Complete	<u>✓</u>	<u>—</u>	<u>—</u>
Spike Recoveries in Limits	<u>✓</u>	<u>—</u>	<u>—</u>

Comments: \_\_\_\_\_

FORM 4A: Present and Complete	<u>✓</u>	<u>—</u>	<u>—</u>
FORM 5A: Present and Complete	<u>✓</u>	<u>—</u>	<u>—</u>
MDLs: Present and Complete	<u>✓</u>	<u>—</u>	<u>—</u>

GC/MS VOLATILES PACKAGE REVIEW CHECKLIST

Client: BBL Project: PAS Oswego SDG: L55705

	<u>YES</u>	<u>NO</u>	<u>NA</u>
FORM 6A: Present and Complete Calibration(s) Pass	<u>✓</u> <u>✓</u>	<u>—</u> <u>—</u>	<u>—</u> <u>—</u>

Comments: \_\_\_\_\_

FORM 7A: Present and Complete Calibration(s) Pass	<u>✓</u> <u>✓</u>	<u>—</u> <u>—</u>	<u>—</u> <u>—</u>
---	----------------------	----------------------	----------------------

Comments: \_\_\_\_\_

FORM 8A: Present and Complete Internal Std Areas in Limits	<u>✓</u> <u>✓</u>	<u>—</u> <u>✓</u>	<u>—</u> <u>—</u>
If Not, Sample(s) Reanalyzed			

Comments: \_\_\_\_\_

FORM 1A - Method Blanks, MS/MSD/MSB:			
Present and Complete Raw Data Present	<u>✓</u> <u>✓</u>	<u>—</u> <u>—</u>	<u>—</u> <u>—</u>
Method Blanks <MDL	<u>✓</u>	<u>—</u>	<u>—</u>
If not, Associated Data Flagged "B"			<u>✓</u>

Comments: \_\_\_\_\_

INTERNAL CHAIN OF CUSTODY: Present ✓ — —

PERCENT MOISTURE SHEET: Present ✓ — —

SECTION SUPERVISOR: [Signature] DATE: \_\_\_\_\_

QC REVIEWER: \_\_\_\_\_ DATE: \_\_\_\_\_



NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
 SAMPLE IDENTIFICATION AND ANALYTICAL REQUIREMENT SUMMARY

ADIV : L55405 SDG : L55405 MATRIX : Water

Client Sample Code	Laboratory Sample Code	If CLP, Indicate year of protocol 1991														
		VOA	Hg BNA	Pest./PCB's	Organophos. Pesticides	Chlor. Herb.	T. Dithio. Carbamates	Heavy Metals	Organics List #	ETU	Katid.	CN- Total	CN- Amen.	Metals List #	Diag. Metals List #	Wet Chem. List #
LR-6	L55405-1	X														
LR-6HS	L55405-2	X														
LR-6HSD	L55405-3	X														
LR-8	L55405-4	X														
H-21	L55405-5	X														
H-25	L55405-6	X														
H-26	L55405-7	X														
BLIND DUP-1	L55405-8	X														
RINSE BLANK-1	L55405-9	X														
TRIP BLANK	L55405-10	X														
RINSE BLANK-2	L55405-16	X														
HSB	L55405-18	X														

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
 SAMPLE IDENTIFICATION AND ANALYTICAL REQUIREMENT SUMMARY

JOB : L55405 SDG : L55405 MATRIX : SOIL

Client Sample Code	Laboratory Sample Code	If CLP, indicate year of protocol 1991														
		VOA	MS BNA	Peat/PCB's	Organophosphoricides	Chlor Herb	T Dithio Carbamates	Methy Carbamates	Organics	ETU	Karb.	CN: Total	CN: Amen.	Metals List #	Dis. Metals List #	Wet / Chem. / Lact / #
SS-1	L55405-11	X														
SS-2	L55405-12	X														
SS-3MS	L55405-13	X														
SS-3MSD	L55405-14	X														
SS-4A	L55405-15	X														
BLIND DUP-2	L55405-17	X														
MSB	L55405-19	X														

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
SAMPLE PREPARATION AND ANALYSIS SUMMARY - VOLATILE

Sample ID	Matrix	Analytical Protocol	Extraction Method	Auxiliary Clean up	Dil/Conc Factor
BLIND DUP-1 L55405-8	WATER	SW846 8260	NA		1
BLIND DUP-2 L55405-17	SOIL	SW846 8260	NA		1
BLIND DUP-2 RE L55405-17 RE	SOIL	SW846 8260	NA		1
LR-6 L55405-1	WATER	SW846 8260	NA		1
LR-6MS L55405-2	WATER	SW846 8260	NA		1
LR-6MSD L55405-3	WATER	SW846 8260	NA		1
LR-8 L55405-4	WATER	SW846 8260	NA		1
M-21 L55405-5	WATER	SW846 8260	NA		1
M-25 L55405-6	WATER	SW846 8260	NA		1
M-26 L55405-7	WATER	SW846 8260	NA		1
RINSE BLANK-1 L55405-9	WATER	SW846 8260	NA		1
RINSE BLANK-2 L55405-16	WATER	SW846 8260	NA		1
SS-1 L55405-11	SOIL	SW846 8260	NA		1
SS-3 L55405-12	SOIL	SW846 8260	NA		1
SS-3MS L55405-13	SOIL	SW846 8260	NA		1
SS-3MSD L55405-14	SOIL	SW846 8260	NA		1

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY - VOLATILE

Sample ID	Matrix	Analytical Protocol	Extraction Method	Auxiliary Clean up	Dil/Conc Factor
SS-4A L55405-15	SOIL	SW846 8260	NA		1
SS-4A RE L55405-15 RE	SOIL	SW846 8260	NA		1
TRIP BLANK L55405-10	WATER	SW846 8260	NA		1



**GALSON LABORATORIES**  
 6601 Kirkville Road East  
 E. Syracuse, NY 13057  
 315-432-0506  
 800-950-0506

Company Name  
**DBL INC**

Project Name / Number  
**AMS DEUSEGID**  
**5/16/19/101**

Turn-Around Time  
 Standard Service  
 \* Rush Service

Date requested by:  
**PH# 315 446-9120**

Page 1 of 1  
 PARAMETERS FOR ANALYSIS

Send Report to: **Lowell McQuarney**  
**DBL INC**

Send Invoice to: **Lowell McQuarney**  
**DBL INC**

P.O. # **54619.101**

SAMPLE ID

Date

Time

TYPE

Comp

Grab

Aqueous

Other

**Chain of Custody Record**

Laboratory ID Number

L55405-1 L55405-2 L55405-3

L55405-4

L55405-5

L55405-6

L55405-7

L55405-8

L55405-9

L55405-10

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

Total Containers: **20**

REMARKS:

**82003 FOR THE FOLLOWING COMPOUNDS - Benzene, Chlorobenzene, 1,1-Dichloroethane, Ethylbenzene, Toluene, Xylenes**

SAMPLER'S NAME:

**Tom Heason**

SIGNATURE:

*[Signature]*

VOC Pres

U P AU NA

Custody Seal Intact?

Yes  No  N/A

Shipment Complete?

Yes  No

Temp 3 °C TS TB TM

Airbil #

**HAND DELIVERED**

NAME:

**Tom Heason**

DATE:

**11/8/19**

SIGNATURE:

*[Signature]*

DATE:

**7:50**

NAME:

**Tom Heason**

DATE:

**11/12/19**

SIGNATURE:

*[Signature]*

DATE:

**7:50**

NAME:

**Tom Heason**

DATE:

**11/12/19**

SIGNATURE:

*[Signature]*

DATE:

**7:50**



6601 Kirkville Road East  
 E. Syracuse, New York 13057  
 315 437-7252 • 888-577-5227

Company Name: PBL Inc  
 Project Name / Number: PAS. OSWEGO

Turn-Around Time  
 Standard Service  
 Rush Service

Date requested by: 11/15/19  
 Ph # 315-446-9180  
 Fax # ( ) -

Send Report to: Lowell McBurney  
PBL Inc

Send Invoice to: Lowell McBurney  
PBL Inc

P.O. # 54619

USDA 8260B  
MS/MSD

SAMPLE ID	Date	Time	TYPE				Laboratory	ID	Number	Total Containers
			Comp	Grab	Aqueous	Soil				
SS-1	11/19/19	1520	X			X			1	
SS-3	11/19/19	1630	X			X			1	
SS-4A	11/19/19	1630	X			X			1	
Revised Blank - 2	11/19/19	1430							1	
Blinds Dup-2	11/19/19								1	

REMARKS: 8260B For the following compounds - BENZENES, CHLOROBENZENE, 1,1-DICHLOROETHYLENE, ETHYLBENZENE, TOLUENE, XYLENES

SAMPLER'S NAME: Jim Pearson SIGNATURE: [Signature]

SAMPLES RELINQUISHED BY: [Signature] DATE: 11/21/19 TIME: 7:50

SAMPLES RECEIVED BY: [Signature] DATE: 11/21/19 TIME: 7:50

NAME: Jim Pearson DATE: 11/21/19 TIME: 7:50

SIGNATURE: [Signature]

NAME: [Signature] DATE: 11/21/19 TIME: 7:50

SIGNATURE: [Signature]

VOC Pres  U  P  AU  NA

Custody Seal Intact?  Yes  No  N.A.

Shipment Complete?  Yes  No

Temp 3 °C TS TB TM TY

Airbill # How's Delivered

Samples received by (print name): M. Krause

Samples received by (signature): M. Krause

Case #: L55405  
 SDG #: L55405  
 Login date: 11/2/99

Login #

Client ID

Remarks

REMARKS:

1. Custody Present / Absent

Seals Intact / Broken

2. Custody Seal # NA

Walk-In? Yes / No

3. COC Present / Absent

Records N/A

4. Traffic Repts Present / Absent

Packing List N/A

5. Airbill Airbill / Sticker

NA Present / Absent

6. Airbill # walk-in

NA

7. Sample Tag #s Listed / Not Listed

8. Sample Intact / Broken

Condition Leaking

9. Does the Information

Agree? Yes / No

10. Date Rec'd 11/2/99

11. Time Rec'd 7:50 AM

12. Temperature: 3

(use Temp. Gun)

L55405-123	LR-6
1 -4	LR-8
-5	M-21
-6	M-25
-7	M-26
-8	Blind Dup-1
-9	Rinse Blank-1
-10	Trip Blank
-11	SS-1
-12	SS-3
-15	SS-4A
-16	Rinse Blank-2
-17	Blind Dup-2
-13	SS-3 ms
✓ -14	SS-3 MSD

Galson Laboratories Internal Chain of Custody Receipt and Termination Form

Client: BAL PAS Sewer  
 Login: L55405  
 VTSR: 11/2/99 7:50 AM

\* = See attached pH adjustment sheet  
 VTSR = Validated Time of Sample Receipt  
 NR = None returned, entire sample used

Login #	Client ID	Matrix	pH	Contrs Rec'd	Storage Area	Analytes Circle Requests	Hazard Level	Containers Taken / Retn'd
1,2,3	LR-6	ms/msd	W	NA	6	GICMS VOA (8260)		/
-4	LR-8				2			/
-5	m-21							/
-6	m-25							/
-7	m-26							/
-8	Blind Dup-1							/
-9	Rinse Blank-1							/
-10	Teip Blank							/
-11	SS-1	↓		↓				/
12,13,14	SS-3				6			/
-15	SS-4A	↓			2			/
-16	Rinse Blank-2	W						/
-17	Blind Dup-2	↓	↓	↓				/
								/
								/
								/
								/
								/
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								/
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								/
								/
								/

Total # of containers on this page: 34

Total # Taken: \_\_\_\_\_

Sample storage done by: A. Krause on 11/2/99 7:50 AM (date / time)

Total # Retn'd: \_\_\_\_\_

Sample disposal done by: \_\_\_\_\_ on \_\_\_\_\_ (date / time)

Released to \_\_\_\_\_ (sig) Released by \_\_\_\_\_ (sig) on \_\_\_\_\_ (date / time)

Returned by \_\_\_\_\_ (sig) Returned to \_\_\_\_\_ (sig) on \_\_\_\_\_ (date / time)







# Galson Laboratories GC/MS Volatile Internal Chain of Custody

Client: myl (MS) divergence  
 Login: LSHMS  
 Method: 624 8260 B260TCLP 95-1 Other: \_\_\_\_\_

Samples stored in refrigerator: # 1  
 Received by: COBERT

\* 1 = 40 ml VOA vial    2 = 40 ml VOA vial dip    3 = Soil or Bulk

Login	Client ID	Sample container type *	Sample removal and return tracking						Comments & disposal date	
			Date and time out	Removed by	for	Date and time in	Date and time out	Removed by		for
SS405-1	LR-6	1,2	11-02-99 17:50	SS	A	11-02-99 01:30	11-03-99 14:30	A	11-03-99 14:45	
-2	MS	1,2								
-3	MSD	1,2	11-03-99 15:30		A	11-03-99 16:30				
-4	LR-8	1,2								
5	M-21	1,2								
-6	M-25	1,2								
-7	M-26	1,2								
-8	Blind Dup-1	1,2								
-9	Rinse Blank-1	1,2	11-02-99 16:00			11-02-99 16:30	11-03-99 14:10	A	11-03-99 14:45	
-10	Trip Blank	1,2								
-11	SS-1	3	11/3/99 17:36	SKS	A	11/3/99 18:00				
-12	SS-3	3	"							
-13	MS	3								
-14	MSD	3								
-15	SS-4A	3								
-16	Rinse Blank. 2	1,2	11-02-99 16:50		A	11-02-99 17:30				

Reason for removal:    A - analysis    D - disposal    O - other (specify in comments)

# Galson Laboratories GC/MS Volatile Internal Chain of Custody

Samples stored in refrigerator: # 1

Client: MYL PMS 230920

Login: LSS405

Received by: CS

17

Method: 624 8260 8260TCLP 95-1 Other: \_\_\_\_\_

\* 1 = 40 ml VOA vial 2 = 40 ml VOA vial dup 3 = Soil or Bulk

Login	Client ID	Sample container type *	Sample removal and return tracking						Comments & disposal date											
			Date and time out	Removed by	Removed for	Date and time in	Date and time out	Removed by		Removed for	Date and time in									
LSS405-17	Blind dup-2	3	11-05-19 14130	✓	A	11-05-19 15130														

CS

Reason for removal: A - analysis D - disposal O - other (specify in comments)

## Organic Data Reporting Qualifiers

- Value - If the result is a value greater than or equal to the detection limit, the value is reported.
- U - Indicates the compound was analyzed for but not detected. The number is the minimum attained detection limit for the sample.
- J - Indicates an estimated value. This flag is used to estimate a concentration for tentatively identified compounds (TICs) where a 1:1 response is assumed or when the mass spectral data indicate identification criteria, but the result is less than the specified detection limit.
- C - Applies to pesticide parameters when the identification has been confirmed by GC/MS.
- NC - Peak not confirmed.
- B - Used when the analyte is found in the method blank, as well as a sample. It indicates possible/probable laboratory contamination and warns the data user to take appropriate action.
- E - Identifies compounds whose concentrations exceed the calibration range of the instruments.
- D - Identifies all compounds analyzed at a secondary dilution.
- A - Indicates that a tentatively identified compound (TIC) is a suspected aldol-condensation product.
- RE - Analysis performed on a re-extracted sample.
- X - Ion abundance exceeded mass spectrometer range. Value is estimated (biased low).
- I - Indicates interferences present in the matrix which affected the result.
- P - This flag is used for a pesticide/Aroclor target analyte when there is greater than 25% difference for detected concentrations between the two GC columns (see Form X). The lower of the two values is flagged and reported on Form 1.
- N - Identifies tentatively identified compounds (TICs) where the identification is based on a mass spectral library search.
- NR - Compound not required to be analyzed.
- T - Used to indicate when the analyte is also found in the TCLP Blank.

## **Sample Results**

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

BLIND DUP-1

Lab Name: GALSON LABORATORIES                      Contract: Blasland, B

Lab Code:                      Case No.: 1                      SAS No.:                      SDG No.: L55405

Matrix: (soil/water) Water                      Lab Sample ID: L55405-8

Sample wt/vol: 5                      (g/mL) mL                      Lab File ID: BC110508

Level: (low/med) LOW                      Date Received: 11/02/99

%Moisture: not dec.                      Date Analyzed: 11/05/99

GC Column: HP-624                      ID: .25 (mm)                      Dilution Factor: 1

Soil Extract Volume:                      (uL)                      Soil Aliquot Volume:                      (uL)

CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/l                      Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/l	Q
75-34-3-----	1,1-Dichloroethane_____	5	U
71-43-2-----	Benzene_____	.7	U
108-88-3-----	Toluene_____	5	U
108-90-7-----	Chlorobenzene_____	5	U
100-41-4-----	Ethylbenzene_____	5	U
000-00-0-----	m,p-Xylene_____	5	U
95-47-6-----	o-Xylene_____	5	U

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

Lab Name: GALSON LABORATORIES

Contract: Blasland, B

BLIND DUP-2

Lab Code: Case No.: 1

SAS No.:

SDG No.: L55405

Matrix: (soil/water) Soil

Lab Sample ID: L55405-17

Sample wt/vol: 5 (g/mL) g

Lab File ID: BC110510

Level: (low/med) LOW

Date Received: 11/02/99

%Moisture: not dec. 30

Date Analyzed: 11/05/99

GC Column: HP-624 ID: .25 (mm)

Dilution Factor: 1

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/kg Q

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/kg	Q
75-34-3-----	1,1-Dichloroethane	14	U
71-43-2-----	Benzene	14	U
108-88-3-----	Toluene	14	U
108-90-7-----	Chlorobenzene	14	U
100-41-4-----	Ethylbenzene	14	U
000-00-0-----	m,p-Xylene	14	U
95-47-6-----	o-Xylene	14	U



1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

Lab Name: GALSON LABORATORIES

Contract: Blasland, B

BLIND DUP-2 RE

Lab Code:

Case No.: 1

SAS No.:

SDG No.: L55405

Matrix: (soil/water) Soil

Lab Sample ID: L55405-17RE

Sample wt/vol: 5 (g/mL) g

Lab File ID: BC110514

Level: (low/med) LOW

Date Received: 11/02/99

%Moisture: not dec. 30

Date Analyzed: 11/05/99

GC Column: HP-624 ID: .25 (mm)

Dilution Factor: 1

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/kg Q

CAS NO.	COMPOUND	ug/kg	Q
75-34-3-----	1,1-Dichloroethane	14	U
71-43-2-----	Benzene	14	U
108-88-3-----	Toluene	14	U
108-90-7-----	Chlorobenzene	14	U
100-41-4-----	Ethylbenzene	14	U
000-00-0-----	m,p-Xylene	14	U
95-47-6-----	o-Xylene	14	U

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

Lab Name: GALSON LABORATORIES	Contract: Blasland, B	LR-6
Lab Code:	Case No.: 1	SAS No.: SDG No.: L55405
Matrix: (soil/water) Water		Lab Sample ID: L55405-1
Sample wt/vol: 5 (g/mL) mL		Lab File ID: BC110305
Level: (low/med) LOW		Date Received: 11/02/99
%Moisture: not dec.		Date Analyzed: 11/03/99
GC Column: HP-624 ID: .25 (mm)		Dilution Factor: 1
Soil Extract Volume: (uL)		Soil Aliquot Volume: (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/l	Q
75-34-3-----	1,1-Dichloroethane_____	9	
71-43-2-----	Benzene_____	.7	U
108-88-3-----	Toluene_____	5	U
108-90-7-----	Chlorobenzene_____	5	U
100-41-4-----	Ethylbenzene_____	5	U
000-00-0-----	m, p-Xylene_____	5	U
95-47-6-----	o-Xylene_____	5	U

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SS-1

Lab Name: GALSON LABORATORIES                      Contract: Blasland, B

Lab Code:                      Case No.: 1                      SAS No.:                      SDG No.: L55405

Matrix: (soil/water) Soil                      Lab Sample ID: L55405-11

Sample wt/vol: 5                      (g/mL) g                      Lab File ID: BC110319

Level: (low/med) LOW                      Date Received: 11/02/99

%Moisture: not dec. 28                      Date Analyzed: 11/03/99

GC Column: HP-624                      ID: .25 (mm)                      Dilution Factor: 1

Soil Extract Volume:                      (uL)                      Soil Aliquot Volume:                      (uL)

CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/kg      Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/kg	Q
75-34-3-----	1,1-Dichloroethane	14	U
71-43-2-----	Benzene	14	U
108-88-3-----	Toluene	14	U
108-90-7-----	Chlorobenzene	14	U
100-41-4-----	Ethylbenzene	14	U
000-00-0-----	m,p-Xylene	14	U
95-47-6-----	o-Xylene	14	U

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO

SS-3

b Name: GALSON LABORATORIES                      Contract: Blasland, B

Lab Code:                      Case No.: 1                      SAS No.:                      SDG No.: L55405

Matrix: (soil/water) Soil                      Lab Sample ID: L55405-12

Sample wt/vol: 5                      (g/mL) g                      Lab File ID: BC110315

Level: (low/med) LOW                      Date Received: 11/02/99

%Moisture: not dec. 75                      Date Analyzed: 11/03/99

GC Column: HP-624                      ID: .25 (mm)                      Dilution Factor: 1

Soil Extract Volume:                      (uL)                      Soil Aliquot Volume:                      (uL)

CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/kg Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/kg	Q
75-34-3-----	1,1-Dichloroethane	40	U
71-43-2-----	Benzene	40	U
108-88-3-----	Toluene	40	U
108-90-7-----	Chlorobenzene	40	U
100-41-4-----	Ethylbenzene	40	U
000-00-0-----	m,p-Xylene	40	U
95-47-6-----	o-Xylene	40	U

- 1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NC

Lab Name: GALSON LABORATORIES

Contract: Blasland, B

SS-4A

Lab Code: Case No.: 1

SAS No.:

SDG No.: L55405

Matrix: (soil/water) Soil

Lab Sample ID: L55405-15

Sample wt/vol: 5 (g/mL) g

Lab File ID: BC110318

Level: (low/med) LOW

Date Received: 11/02/99

%Moisture: not dec. 30

Date Analyzed: 11/03/99

GC Column: HP-624 ID: .25 (mm)

Dilution Factor: 1

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/kg Q

CAS NO.	COMPOUND	(ug/L or ug/Kg)	ug/kg	Q
75-34-3	1,1-Dichloroethane	14		U
71-43-2	Benzene	14		U
108-88-3	Toluene	14		U
108-90-7	Chlorobenzene	14		U
100-41-4	Ethylbenzene	14		U
000-00-0	m,p-Xylene	14		U
95-47-6	o-Xylene	14		U

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE 1

Lab Name: GALSON LABORATORIES

Contract: Blasland, B

SS-4A RE

Lab Code:

Case No.: 1

SAS No.:

SDG No.: L55405

Matrix: (soil/water) Soil

Lab Sample ID: L55405-15RE

Sample wt/vol: 5 (g/mL) g

Lab File ID: BC110509

Level: (low/med) LOW

Date Received: 11/02/99

%Moisture: not dec. 30

Date Analyzed: 11/05/99

GC Column: HP-624 ID: .25 (mm)

Dilution Factor: 1

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/kg Q

CAS NO.

COMPOUND

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/kg	Q
75-34-3-----	1,1-Dichloroethane	14	U
71-43-2-----	Benzene	14	U
108-88-3-----	Toluene	14	U
108-90-7-----	Chlorobenzene	14	U
100-41-4-----	Ethylbenzene	14	U
000-00-0-----	m,p-Xylene	14	U
95-47-6-----	o-Xylene	14	U

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE *1A*

TRIP BLANK

Lab Name: GALSON LABORATORIES      Contract: Blasland, B

Lab Code:                                    Case No.: 1                                    SAS No.:                                    SDG No.: L55405

Matrix: (soil/water) Water                                    Lab Sample ID: L55405-10

Sample wt/vol: 5                                    (g/mL) mL                                    Lab File ID: BC110307

Level: (low/med) LOW                                    Date Received: 11/02/99

%Moisture: not dec.                                    Date Analyzed: 11/03/99

GC Column: HP-624                                    ID: .25 (mm)                                    Dilution Factor: 1

Soil Extract Volume:                                    (uL)                                    Soil Aliquot Volume:                                    (uL)

CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/l      Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/l	Q
75-34-3-----	1,1-Dichloroethane	5	U
71-43-2-----	Benzene	.7	U
108-88-3-----	Toluene	5	U
108-90-7-----	Chlorobenzene	5	U
100-41-4-----	Ethylbenzene	5	U
000-00-0-----	m, p-Xylene	5	U
95-47-6-----	o-Xylene	5	U

Surrogate Spike Results

Matrix Spike / Matrix Spike Duplicate  
Blank Spike Results

QA/QC  
backup was  
stop board.  
JMS  
4/24/00



6601 Kirkville Road  
E. Syracuse, NY 13057-0369  
Phone: (315) 432-5227  
Fax: (315) 437-0571  
www.galsonlabs.com

November 24, 1999

DOH ELAP# 11626

Mr. Lowell McBurney  
Blasland, Bouck & Lee  
6723 Towpath Road  
Box 66  
Syracuse, NY 132101

Re: Client Account# 10624

Login # L55402

Dear Mr. McBurney:

Enclosed are the analytical results of the samples received by our laboratory November 2, 1999. Samples submitted for TOC were subcontracted to OBG Laboratories, Inc. and samples submitted for BOD & COD were subcontracted to Certified Environmental Services, Inc. Their reports are enclosed in their entirety.

Please contact our Client Services Department at (315) 437-7252, extension 116, if you would like any additional information regarding this report.

Thank you for using Galson Laboratories.

Sincerely,

Galson Laboratories

A handwritten signature in black ink, appearing to read "F. Joseph Unangst" with a stylized flourish at the end. Below the signature, the word "FOR:" is written in a smaller, handwritten font.

F. Joseph Unangst  
Laboratory Director

Enclosure(s)





## VOLATILE ANALYTICAL REPORT



Client : Blasland, Bouck & Lee  
 Account # : 10624  
 Site : PAS - Oswego, NY

Date Received : 02-NOV-99  
 Date Sampled : 01-NOV-99  
 Date Extracted: NA

Matrix : Water  
 Method : SW846 8260  
 Units : ug/l

Galson ID:	L55402-1	L55402-2	L55402-3
Client ID:	LCW-2	LCW-4	TRIP BLANK
1,1-Dichloroethane	56.	99.	<5
Benzene	120	460	<0.7
Toluene	<5	550	<5
Chlorobenzene	33.	180	<5
Ethylbenzene	55.	820	<5
m,p-Xylene	12.	1400	<5
o-Xylene	7.	370	<5
Analysis Date	11/04/99	11/04/99	11/02/99
Dilution Factor	1	5	1

Approved by : PJT  
 Date : 12-NOV-99  
 QC by : *[Signature]*  
 Date : 11/17/99  
 NYS DOH # : 11626  
 Footnotes:



## VOLATILE ANALYTICAL REPORT



**Galson**  
Laboratories

Client : Blasland, Bouck & Lee  
 Account # : 10624  
 Site : PAS - Oswego, NY

Date Received : 02-NOV-99  
 Date Sampled : 01-NOV-99  
 Date Extracted: NA

Matrix : Water  
 Method : SW846 8260  
 Units : ug/l

Galson ID:	WG18229-1	WG18313-1
Client ID:	Method Blank	Method Blank

1,1-Dichloroethane	<5	<5
Benzene	<0.7	<0.7
Toluene	<5	<5
Chlorobenzene	<5	<5
Ethylbenzene	<5	<5
m,p-Xylene	<5	<5
o-Xylene	<5	<5
Analysis Date	11/02/99	11/04/99
Dilution Factor	1	1

Approved by : PJT  
 Date : 12-NOV-99  
 QC by : *[Signature]*  
 Date : 11/17/99  
 NYS DOH # : 11626  
 Footnotes:



INORGANIC ANALYTICAL REPORT



Client : Blasland, Bouck & Lee  
 Account # : 10624  
 Site : PAS - Oswego, NY

Date Received : 02-NOV-99  
 Date Sampled : 01-NOV-99

Matrix : Water

Galson ID:		L55402-1	L55402-2
Client ID:		LCW-2	LCW-4
	Method	Units	
T. Dissolved Solids	EPA 160.1	mg/l	1387
T. Suspended Solids	EPA 160.2	mg/l	23
			2954
			116

Approved by : KSB  
 Date : 04-NOV-99  
 QC by : *[Signature]*  
 Date : 11/17/99  
 NYS DOH # : 11626  
 Footnotes:





**Certified  
Environmental  
Services, Inc.**

1401 Erie Blvd. East  
Syracuse, NY 13210  
Phone 315-478-2374  
Fax 315-478-2107

REPORT OF ANALYSES

GALS LABORATORIES  
6601 NIRKVILLE RD. EAST  
E. SYRACUSE, NY 13057-  
Attn: MR. MICHAEL BUCHANAN

PROJECT NAME: L55402  
DATE: 11/16/99

SAMPLE NUMBER- 201516    SAMPLE ID- LCW-2    SAMPLE MATRIX- WA  
DATE SAMPLED- 11/01/99    TIME SAMPLED- 1500  
DATE RECEIVED- 11/03/99    SAMPLER- Information Not Provided    RECEIVED BY- DJS  
TIME RECEIVED- 1445    DELIVERED BY- Dan Leone    TYPE SAMPLE- Grab

Page 1 of 1

ANALYSIS	METHOD	ANALYSIS		BY	RESULT	UNITS
		DATE	TIME			
BIOCHEMICAL OXYGEN DEMANDS	SM18 5210	11/03/99		KBM	*NA	mg/L
CHEMICAL OXYGEN DEMAND	SM18 5220B	11/15/99		LRC	170.	mg/L

\*NA - Not Available due to Laboratory Accident.

NYSDOH LAB ID NO. 11246

APPROVED BY: 



**Certified  
Environmental  
Services, Inc.**

1401 Erie Blvd. East  
Syracuse, NY 13210  
Phone 315-478-2374  
Fax 315-478-2107

REPORT OF ANALYSES

GALSON LABORATORIES  
6601 KIRKVILLE RD. EAST  
E. SYRACUSE, NY 13057-  
Attn: MR. MICHAEL BUCHANAN

PROJECT NAME: L55402  
DATE: 11/16/99

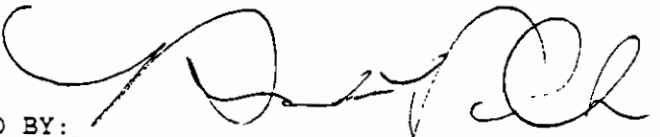
SAMPLE NUMBER- 201517    SAMPLE ID- LCW-4    SAMPLE MATRIX- WA  
DATE SAMPLED- 11/01/99    TIME SAMPLED- 1530  
DATE RECEIVED- 11/03/99    SAMPLER- Information Not Provided    RECEIVED BY- DJS  
TIME RECEIVED- 1445    DELIVERED BY- Dan Leone    TYPE SAMPLE- Grab

Page 1 of 1

ANALYSIS	METHOD	ANALYSIS			RESULT UNITS
		DATE	TIME	BY	
BIOCHEMICAL OXYGEN DEMANDS	SM18 5210	11/03/99		KBM	*NA mg/L
CHEMICAL OXYGEN DEMAND	SM18 5220B	11/15/99		LRC	596. mg/L

\*NA - Not Available due to Laboratory Accident.

NYSDOH LAB ID NO. 11246

APPROVED BY: 

# O'Brien & Gere Laboratories, Inc.

# Analytical Results Wet Chemistry

Client: Galson Laboratories  
Project: East Syracuse, New York  
Proj. Desc:

Job No.: 2078.001.517  
Certification NY No.: 10155

Sample: N4267  
Samp. Description: LCW-2

Collected: 11/01/99      Matrix: Water  
Received: 11/03/99 14:50

Parameter	Result	Qual	MDL	RL	Units	Method	Prepared	Analyzed	QC Batch	Note
Total organic carbon	42.				mg/L	EPA 415.1		11/09/99	110999W22	

Notes:

Sample: N4268  
Samp. Description: LCW-4

Collected: 11/01/99      Matrix: Water  
Received: 11/03/99 14:50

Parameter	Result	Qual	MDL	RL	Units	Method	Prepared	Analyzed	QC Batch	Note
Total organic carbon	140.				mg/L	EPA 415.1		11/09/99	110999W22	

Notes:

U-Undetected at reported level. J-reported value is estimated.

Authorized: Monika Santucci  
Date: November 11, 1999      Monika Santucci



6601 Kirkville Road East  
E. Syracuse, New York 13057  
315 437-7252 • 888-577-5227

Company Name  
**BBE INC.**

Project Name / Number

Around Time  
 Standard Service  
 \* Rush Service

Date requested by:

Ph # (315) 446-9120

Fax # ( ) - -

Send Report to: **Lowell McRaney**  
**BBE INC.**

Send Invoice to:

P.O. #

PARAMETERS FOR ANALYSIS

USPA 8608	X	805 405.1																		
805 410.4	X																			
TDS 166.4	X																			
TU 415.1	X																			
TSS 160.2	X																			

Total Containers - 15

Chain of Custody Record

Sample ID	Date	Time	Type	Comp	Grab	Aqueous	Soil	Other	Laboratory	ID	Number
LCW-2	11/19/99	1500	Comp	X	X	X					
LCW-4	11/19/99	1530	Comp	X	X	X					
TRIP BLANK	11/19/99										

REMARKS: 8608 FOR THE FOLLOWING COMPOUNDS - BENZENE, CHLOROBENZENE, 1,1-DICHLOROETHANE, ETHYLBENZENE, TOLUENE, XYLENES

SAMPLER'S NAME: **Jim Hansen** SIGNATURE: *[Signature]*

SAMPLES RELINQUISHED BY: NAME: **Jim Hansen** DATE: 11/19/99 TIME: 750

SAMPLES RECEIVED BY: NAME: **Lowell McRaney** DATE: 11/19/99 TIME: 750

VOC Pres U P AU NA

Custody Seal Intact?  Yes  No  N.A.

Shipment Complete?  Yes  No

Temp 3 °C TS TB TM

Airbill # **HAND DELIVERED**



# Galson Laboratories

6601 Kirkville Road  
E. Syracuse, NY 13057-0369  
Phone: (315) 432-5227  
Fax: (315) 437-0571  
www.galsonlabs.com

November 29, 1999

DOH ELAP# 11626

Mr. Lowell McBurney  
Blasland, Bouck & Lee  
6723 Towpath Road  
Box 66  
Syracuse, NY 132101

Re: Client Account# 10624

Login # L55803

Dear Mr. McBurney:

Enclosed are the analytical results of the samples received by our laboratory November 15, 1999 and subcontracted to Certified Environmental Services, Inc. Their report is enclosed in its entirety..

Please contact our Client Services Department at (315) 437-7252, extension 116, if you would like any additional information regarding this report.

Thank you for using Galson Laboratories.

Sincerely,

Galson Laboratories

F. Joseph Unangst  
Laboratory Director

Enclosure(s)









**Certified  
Environmental  
Services, Inc.**

1401 Erie Blvd. East  
Syracuse, NY 13210  
Phone 315-478-2374  
Fax 315-478-2107

REPORT OF ANALYSES

GALSON LABORATORIES  
6601 KIRKVILLE RD. EAST  
E. SYRACUSE, NY 13057-  
Attn: MR. MICHAEL BUCHANAN

PROJECT NAME: L55803  
DATE: 11/23/99

SAMPLE NUMBER- 202285    SAMPLE ID- LCW-4    SAMPLE MATRIX- WA  
DATE SAMPLED- 11/15/99    TIME SAMPLED- 1300  
DATE RECEIVED- 11/16/99    SAMPLER- Information Not Provided    RECEIVED BY- CAM  
TIME RECEIVED- 1300    DELIVERED BY- M. Krause    TYPE SAMPLE- Grab

Page 1 of 1

ANALYSIS	METHOD	ANALYSIS			RESULT UNITS
		DATE	TIME	BY	
BIOCHEMICAL OXYGEN DEMAND5	SM18 5210	11/16/99	LRC		131. mg/L

NYSDOH LAB ID NO. 11246

APPROVED BY: 



**Certified  
Environmental  
Services, Inc.**

1401 Erie Blvd. East  
Syracuse, NY 13210  
Phone 315-478-2374  
Fax 315-478-2107

REPORT OF ANALYSES

GALSON LABORATORIES  
6601 KIRKVILLE RD. EAST  
E. SYRACUSE, NY 13057-  
Attn: MR. MICHAEL BUCHANAN

PROJECT NAME: L55803  
DATE: 11/23/99

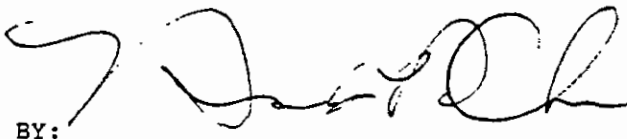
SAMPLE NUMBER- 202286 SAMPLE ID- LCW-2  
DATE SAMPLED- 11/15/99  
DATE RECEIVED- 11/16/99 SAMPLER- Information Not Provided  
TIME RECEIVED- 1300 DELIVERED BY- M. Krause

SAMPLE MATRIX- WA  
TIME SAMPLED- 1330  
RECEIVED BY- CAM  
TYPE SAMPLE- Grab

Page 1 of 1

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT UNITS
BIOCHEMICAL OXYGEN DEMANDS	SM18 5210	11/16/99		LRC	24.0 mg/L

NYSDOH LAB ID NO. 11246

APPROVED BY: 

**Blasland, Bouck & Lee  
Project: PAS Site - Oswego**

**SDG: L55405  
Login: L55405**

**GC/MS Volatiles Data Package  
for samples collected  
November 1, 1999**

**Data Package sent to:**

**Mr. Lowell McBurney  
Blasland, Bouck & Lee  
6723 Towpath Rd.  
Box 66  
Syracuse, NY 13214**



Table of Contents - GC/MS Volatiles Data Package

Blasland, Bouck & Lee  
Project: PAS Site - Oswego

SDG: L55405  
Login: L55405

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kept

most of the rest was stop boxed.  
EPA has copy.  
JCS  
4/24/00.





# Galson Laboratories

6601 Kirkville Road  
E. Syracuse, NY 13057-0369  
Phone: (315) 432-5227  
Fax: (315) 437-0571  
www.galsonlabs.com

Mr. Lowell McBurney  
Blasland, Bouck & Lee  
6723 Towpath Road, Box 66  
Syracuse, NY 13214

RE: PAS Site, Oswego; Project No. 546.19.101  
SDG L55405

The following package contains the analytical results of the samples submitted to our laboratory on November 2, 1999. The samples were received intact and under proper chain of custody. The temperature of the samples was checked upon receipt. The sample temperature, as recorded with a temperature gun, was 3°C. The samples were assigned to login and sample delivery group (SDG) L55405.

The samples were reported according to ASP Category B guidelines. Samples LR-6 and SS-3 were submitted for matrix spike and spike duplicate analyses. The samples were analyzed by SW846 method 8260 for site specific volatile list.

I certify that this package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the *package review checklist*. Release of the data contained in this hardcopy data package has been authorized by the laboratory manager or manager's designee, as verified by the following signature.

Galson Laboratories

Date: November 22, 1999



NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
SAMPLE PREPARATION AND ANALYSIS SUMMARY - VOLATILE

Sample ID	Matrix	Date Collected	Date Rec at Lab	Date Extracted	Date Analyzed
BLIND DUP-1 L55405-8	WATER	01-NOV-99	02-NOV-99	NA	05-NOV-99
BLIND DUP-2 L55405-17	SOIL	01-NOV-99	02-NOV-99	NA	05-NOV-99
BLIND DUP-2 RE L55405-17 RE	SOIL	01-NOV-99	02-NOV-99	NA	05-NOV-99
LR-6 L55405-1	WATER	01-NOV-99	02-NOV-99	NA	03-NOV-99
LR-6MS L55405-2	WATER	01-NOV-99	02-NOV-99	NA	02-NOV-99
LR-6MSD L55405-3	WATER	01-NOV-99	02-NOV-99	NA	02-NOV-99
LR-8 L55405-4	WATER	01-NOV-99	02-NOV-99	NA	03-NOV-99
M-21 L55405-5	WATER	01-NOV-99	02-NOV-99	NA	03-NOV-99
M-25 L55405-6	WATER	01-NOV-99	02-NOV-99	NA	05-NOV-99
M-26 L55405-7	WATER	01-NOV-99	02-NOV-99	NA	05-NOV-99
RINSE BLANK-1 L55405-9	WATER	01-NOV-99	02-NOV-99	NA	03-NOV-99
RINSE BLANK-1 L55405-9	WATER	01-NOV-99	02-NOV-99	NA	03-NOV-99
RINSE BLANK-2 L55405-16	WATER	01-NOV-99	02-NOV-99	NA	02-NOV-99
SS-1 L55405-11	SOIL	01-NOV-99	02-NOV-99	NA	03-NOV-99
SS-3 L55405-12	SOIL	01-NOV-99	02-NOV-99	NA	03-NOV-99
SS-3MS L55405-13	SOIL	01-NOV-99	02-NOV-99	NA	03-NOV-99





NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
 SAMPLE PREPARATION AND ANALYSIS SUMMARY - VOLATILE

Sample ID	Matrix	Analytical Protocol	Extraction Method	Auxiliary Clean up	Dil/Conc Factor
BLIND DUP-1 L55405-8	WATER	SW846 8260	NA		1
BLIND DUP-2 L55405-17	SOIL	SW846 8260	NA		1
BLIND DUP-2 RE L55405-17 RE	SOIL	SW846 8260	NA		1
LR-6 L55405-1	WATER	SW846 8260	NA		1
LR-6MS L55405-2	WATER	SW846 8260	NA		1
LR-6MSD L55405-3	WATER	SW846 8260	NA		1
LR-8 L55405-4	WATER	SW846 8260	NA		1
M-21 L55405-5	WATER	SW846 8260	NA		1
M-25 L55405-6	WATER	SW846 8260	NA		1
M-26 L55405-7	WATER	SW846 8260	NA		1
RINSE BLANK-1 L55405-9	WATER	SW846 8260	NA		1
RINSE BLANK-1 L55405-9	WATER	SW846 8260	NA		1
RINSE BLANK-2 L55405-16	WATER	SW846 8260	NA		1
SS-1 L55405-11	SOIL	SW846 8260	NA		1
SS-3 L55405-12	SOIL	SW846 8260	NA		1
SS-3MS L55405-13	SOIL	SW846 8260	NA		1





**GALSON LABORATORIES**  
 6601 Kirkville Road East  
 E. Syracuse, NY 13057  
 315-432-0506  
 800-950-0506

Company Name

*DBL INC*

Project Name / Number  
*MS DEUSE*  
*546.19.101*

Turn-Around Time

Standard Service  
 Rush Service

Date requested by: *3/15/99*  
 Ph # *315 446-9120*  
 Fax # *( ) -*

Send Report to: *Lowell McDevany*  
*DBL INC*

Send Invoice to: *Lowell McDevany*  
*DBL INC*

P.O. # *546.19.101*

SAMPLE ID

Date

TYPE  
 Comp. Grab Aqueous  
 5oz 1oz

**Chain of Custody Record**

Laboratory ID Number

MS/MSD

LABORATORY ID	NUMBER	DATE	INITIALS
L55405-1	1	11/19/98	MS/MSD
L55405-2	2	12/15/98	
L55405-3	3	1/15/99	
L55405-4	4	1/15/99	
L55405-5	5	1/15/99	
L55405-6	6	1/15/99	
L55405-7	7	1/15/99	
L55405-8	8	1/15/99	
L55405-9	9	1/15/99	
L55405-10	10	1/15/99	

*LR-6*

*11/19/98*

*X X X X*

*L55405-1*

*1*

*M-21*

*12/15/98*

*X X X X*

*L55405-2*

*2*

*M-25*

*1/15/99*

*X X X X*

*L55405-3*

*3*

*M-26*

*1/15/99*

*X X X X*

*L55405-4*

*4*

*BLIND DUP -1*

*1/15/99*

*X X X X*

*L55405-5*

*5*

*PAUSE BLANK -1*

*1/15/99*

*X X X X*

*L55405-6*

*6*

*TRIP BLANK*

*1/15/99*

*X X X X*

*L55405-7*

*7*

REMARKS: *8X603 FOR THE FOLLOWING COMPOUNDS - BENZENE, CHLOROFORM, 1,1-DICHLOROETHANE, ETHYLACETATE, TOLUENE, XYLENES*

*Total Containers - 20*

SAMPLER'S NAME: *Jim Hanson*

SIGNATURE: *Jim Hanson*

VOC Pres U P AU NA

SAMPLES RELINQUISHED BY:

SAMPLES RECEIVED BY:

NAME: *Jim Hanson* DATE: *11/18/98*

NAME: *Jim Hanson* DATE: *11/18/98*

SIGNATURE: *Jim Hanson* TIME: *7:50*

SIGNATURE: *Jim Hanson* TIME: *7:50*

NAME: *Jim Hanson* DATE: *11/18/98*

NAME: *Jim Hanson* DATE: *11/18/98*

SIGNATURE: *Jim Hanson* TIME: *7:50*

SIGNATURE: *Jim Hanson* TIME: *7:50*

NAME: *Jim Hanson* DATE: *11/18/98*

NAME: *Jim Hanson* DATE: *11/18/98*

Custody Seal Intact?  Yes  No  
 Shipment Complete?  Yes  No

Temp *3* °C TS TB TM

Alphal # *11*



6601 Kirkville Road East  
 E. Syracuse, New York 13057  
 315 437-7252 • 888-577-5227

Company Name

*PBL INC*

Project Name / Number

*PMS OSWEGO*

Turn-Around Time

Standard Service  
 Rush Service

Date requested by:

*Ph # 315-446-9110*

Fax # ( ) -

Send Report to:

*Lowell McBurney  
 PBL INC*

Send Invoice to:

*Lowell McBurney  
 PBL INC*

P.O. #

*54619*

Chain of Custody Record

SAMPLE ID	Date	Time	TYPE			Laboratory	ID	Number	Total Containers
			Comp.	Lab	Sequence				
<i>SS-1</i>	<i>11/19</i>	<i>8:20</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<i>155405-11</i>		<i>1</i>	
<i>SS-3</i>	<i>11/19</i>	<i>8:30</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<i>155405-12</i>	<i>155405-13</i>	<i>1</i>	
<i>SS-4/A</i>	<i>11/19</i>	<i>16:30</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<i>155405-15</i>		<i>1</i>	
<i>PURIST BLANK-2</i>	<i>11/19</i>	<i>14:30</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<i>155405-16</i>		<i>1</i>	
<i>BLIND DUP-2</i>	<i>11/19</i>	<i>14:30</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<i>155405-17</i>		<i>1</i>	

*USED 8260B  
 PMS/MSD*

Total Containers

REMARKS:

*8260B FOR THE EXTENDING COMPANIES - BENZENE'S  
 ETHYL BENZENE, TOLUENE, XYLENES*

SAMPLER'S NAME:

*Tom Heason*

SIGNATURE:

*Tom Heason*

SAMPLES RELINQUISHED BY:

SAMPLES RECEIVED BY:

VOC Pres U P AU NA  
 Custody Seal Intact?  Yes  No  N/A  
 Shipment Complete?  Yes  No

NAME: *Tom Heason*

DATE: *11/19/93*

SIGNATURE:

DATE: *11/19/93*

SIGNATURE: *Tom Heason*

DATE: *11/19/93*

SIGNATURE:

DATE: *11/19/93*

NAME: *Tom Heason*

DATE: *11/19/93*

SIGNATURE:

DATE: *11/19/93*

NAME: *Tom Heason*

DATE: *11/19/93*

SIGNATURE:

DATE: *11/19/93*

Temp *3* °C TS TB TM *TY*  
 Airbill # *Hummin Nelson*

# Sample Login Sheet

 Cooler Number: 1

 Page 1 of 1

 Samples received by (print name): M. Krause

 Samples received by (signature): M. Krause

 Case #: L55405

 SDG #: L55405

 Login date: 11/2/99
**Login #**
**Client ID**
**Remarks**
**REMARKS:**

		Login #	Client ID	Remarks
REMARKS:		L55405-123	LR-6	
1. Custody	Present / <u>Absent</u>	-4	LR-8	
Seals	Intact / Broken	-5	M-21	
2. Custody Seal #	<u>NA</u>	-6	M-25	
Walk-In ?	<u>Yes</u> / No	-7	M-26	
3. COC	<u>Present</u> / Absent	-8	Blind Dup-1	
Records	NA	-9	Rinse Blank-1	
4. Traffic Repts	Present / Absent	-10	Trip Blank	
Packing List	<u>N/A</u>	-11	SS-1	
5. Airbill	Airbill / Sticker	-12	SS-3	
	<u>NA</u> Present / Absent	-15	SS-4A	
6. Airbill #	<u>walk-in</u>	-16	Rinse Blank-2	
	<u>NA</u>	-17	Blind Dup-2	
7. Sample Tag #s	<u>Listed</u> / Not Listed	-13	SS-3 ms	
		✓ -14	SS-3 MSD	
8. Sample Condition	<u>Intact</u> / Broken			
	Leaking			
9. Does the Information Agree?	<u>Yes</u> / No			
10. Date Rec'd	<u>11/2/99</u>			
11. Time Rec'd	<u>7:50 AM</u>			
12. Temperature:	<u>3</u>			
(use Temp. Gun)				

**Galson Laboratories Internal Chain of Custody Receipt and Termination Form**

Client: BBL PAS Oswego  
 Login: LS5405  
 Date: 11/2/99 7:50 AM

Page 1 of    

\* = See attached pH adjustment sheet  
 VTSR = Validated Time of Sample Receipt  
 NR = None returned, entire sample used

Log In /	Client ID	Matrix	pH	Contrs Rec'd	Storage Area	Analytes Circle Requests	Hazard Level	Containers Taken / Retn'd
23	LR-6	ms/mso	W	NA	6	GCMS VOA (8260)		/
-4	LR-8				2			/
-5	m-21							/
-6	m-25							/
-7	m-26							/
-8	Blind Dup-1							/
-9	Rinse Blank-1							/
-10	Teip Blank							/
-11	SS-1							/
12,13,14	SS-3				6			/
-15	SS-4A				2			/
16	Rinse Blank-2	W						/
-17	Blind Dup-2	↓	↓	↓				/
								/
								/
								/
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								/
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								/
								/

Total # of containers on this page: 34

Total # Taken   

Sample storage done by: A Krause on 11/2/99 7:50 AM (date / time)

Total # Retn'd   

Sample disposal done by:            on            (date / time)

Released to                    (sig) Released by                    (sig) on                    (date / time)

Returned by                    (sig) Returned to                    (sig) on                    (date / time)

Galson Laboratories Internal Chain of Custody Receipt and Termination Form

Client: BBL PAS Cewego  
 Origin: L55405  
 Date: 11/2/99 7:50 AM

Page 1 of     

\* = See attached pH adjustment sheet  
 VTSR = Validated Time of Sample Receipt  
 NR = None returned, entire sample used

In #	Client ID	Matrix	pH	Contrs Rec'd	Storage Area	Analytes Circle Requests	Hazard Level	Containers Taken / Returned
23	LR-6	m/s/msd	W	NA	6	GCMS V: A (S260)		6 / NR
-4	LR-8				2			2 / 1
-5	m-21							1 / 1
-6	m-25							1 / 1
-7	m-26							1 / 1
-8	Blind Dup-1							1 / 1
-9	Rinse Blank-1							1 / 1
-10	Teip Blank							1 / 1
-11	SS-1							1 / 1
1314	SS-3				6			6 / NR
-15	SS-4A				2			2 / 1
-16	Rinse Blank-2	W			2			2 / 1
-17	Blind Dup-2							1 / 1
								1 / 1
								1 / 1
								1 / 1
								1 / 1
								1 / 1
								1 / 1
								1 / 1
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								1 / 1
								1 / 1
								1 / 1
								1 / 1
								1 / 1
								1 / 1

Total # of containers on this page: 34

Total # Taken: 23  
 Total # Returned: 11

Sample storage done by: J Krause on 11/2/99 7:50 AM (date / time)  
 Sample disposal done by:          on          (date / time)

Released to          (sig) Released by J Krause (sig) on 11-2-99 (date / time)  
 Returned by          (sig) Returned to          (sig) on          (date / time)

Galson Laboratories Internal Chain of Custody Receipt and Termination Form

Client: BBL PAS Oswego  
 Login: L55405  
 TS: 11/2/99 7:50 AM

\* = See attached pH adjustment sheet  
 VTSR = Validated Time of Sample Receipt  
 NR = None returned, entire sample used

gln #	Client ID	Matrix	pH	Contra Rec'd	Storage Area	Analytes Circle Requests	Hazard Level	Containers Taken / Retn'd
<del>23</del>	LR-6	m3/msd	w	ND	6	GCMS w/FA (8260)		1
-4	LR-8				2			1
-5	m-21							1
-6	m-25							1
-7	m-26							1
-8	Blind Dup-1							1
-9	Rinse Blank-1							1
-10	Teip Blank							1
-11	SS-1							1/1
21314	SS-3				6			1/1
-15	SE-4A				2			1/1
-16	Rinse Blank-2	w						1
-17	Blind Dup-2							1/1
								1
								1
								1
								1
								1
								1
								1
								1
								1
								1
								1
								1
								1
								1
								1
								1
								1
								1

Total # of containers on this page: 34

Total # Taken: 1  
 Total # Retn'd: 4

Sample storage done by: J. Krause on 11/2/99 7:50 AM (date / time)  
 Sample disposal done by: \_\_\_\_\_ on \_\_\_\_\_ (date / time)

Released to: [Signature] (sig) Released by: [Signature] (sig) on 11/2/99 7:50 AM (date / time)  
 Returned to: [Signature] (sig) Returned to: [Signature] (sig) on 11/2/99 10:00 AM (date / time)



# **GC/MS Volatiles**

## **Sample Data**

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

Lab Name: GALSON LABORATORIES

Contract: Blasland, B

BLIND DUP-1

Lab Code:

Case No.: 1

SAS No.:

SDG No.: L55405

Matrix: (soil/water) Water

Lab Sample ID: L55405-8

Sample wt/vol: 5 (g/mL) mL

Lab File ID: BC110508

Level: (low/med) LOW

Date Received: 11/02/99

%Moisture: not dec.

Date Analyzed: 11/05/99

GC Column: HP-624 ID: .25 (mm)

Dilution Factor: 1

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CAS NO.

COMPOUND

CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/l

Q

75-34-3-----	1,1-Dichloroethane	5	U
71-43-2-----	Benzene	.7	U
108-88-3-----	Toluene	5	U
108-90-7-----	Chlorobenzene	5	U
100-41-4-----	Ethylbenzene	5	U
000-00-0-----	m,p-Xylene	5	U
95-47-6-----	o-Xylene	5	U

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

Lab Name: GALSON LABORATORIES

Contract: Blasland, B

BLIND DUP-2

Lab Code:

Case No.: 1

SAS No.:

SDG No.: L55405

Matrix: (soil/water) Soil

Lab Sample ID: L55405-17

Sample wt/vol: 5 (g/mL) g

Lab File ID: BC110510

Level: (low/med) LOW

Date Received: 11/02/99

%Moisture: not dec. 30

Date Analyzed: 11/05/99

GC Column: HP-624 ID: .25 (mm)

Dilution Factor: 1

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

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

75-34-3	1,1-Dichloroethane	14	U
71-43-2	Benzene	14	U
108-88-3	Toluene	14	U
108-90-7	Chlorobenzene	14	U
100-41-4	Ethylbenzene	14	U
000-00-0	m,p-Xylene	14	U
95-47-6	o-Xylene	14	U

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

BLIND DUP-2 RE

Lab Name: GALSON LABORATORIES

Contract: Blasland, B

Lab Code:

Case No.: 1

SAS No.:

SDG No.: L55405

Matrix: (soil/water) Soil

Lab Sample ID: L55405-17RE

Sample wt/vol: 5 (g/mL) g

Lab File ID: BC110514

Level: (low/med) LOW

Date Received: 11/02/99

%Moisture: not dec. 30

Date Analyzed: 11/05/99

GC Column: HP-624 ID: .25 (mm)

Dilution Factor: 1

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/kg Q

CAS NO.

COMPOUND

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/kg	Q
75-34-3	1,1-Dichloroethane	14	U
71-43-2	Benzene	14	U
108-88-3	Toluene	14	U
108-90-7	Chlorobenzene	14	U
100-41-4	Ethylbenzene	14	U
000-00-0	m,p-Xylene	14	U
95-47-6	o-Xylene	14	U

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

LR-6

Lab Name: GALSON LABORATORIES      Contract: Blasland, B

Lab Code:                                  Case No.: 1                                  SAS No.:                                  SDG No.: L55405

Matrix: (soil/water) Water                                  Lab Sample ID: L55405-1

Sample wt/vol: 5                                  (g/mL) mL                                  Lab File ID: BC110305

Level: (low/med) LOW                                  Date Received: 11/02/99

%Moisture: not dec.                                  Date Analyzed: 11/03/99

GC Column: HP-624                                  ID: .25 (mm)                                  Dilution Factor: 1

Soil Extract Volume:                                  (uL)                                  Soil Aliquot Volume:                                  (uL)

CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/l      Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/l	Q
75-34-3-----	1,1-Dichloroethane	9	
71-43-2-----	Benzene	.7	U
108-88-3-----	Toluene	5	U
108-90-7-----	Chlorobenzene	5	U
100-41-4-----	Ethylbenzene	5	U
000-00-0-----	m,p-Xylene	5	U
95-47-6-----	o-Xylene	5	U

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

LR-8

Lab Name: GALSON LABORATORIES

Contract: Blasland, B

Lab Code:

Case No.: 1

SAS No.:

SDG No.: L55405

Matrix: (soil/water) Water

Lab Sample ID: L55405-4

Sample wt/vol: 5 (g/mL) mL

Lab File ID: BC110308

Level: (low/med) LOW

Date Received: 11/02/99

%Moisture: not dec.

Date Analyzed: 11/03/99

GC Column: HP-624 ID: .25 (mm)

Dilution Factor: 1

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/l

CAS NO.

COMPOUND

Q

75-34-3-----	1,1-Dichloroethane	5	U
71-43-2-----	<b>Benzene</b>	34	
108-88-3-----	Toluene	5	U
108-90-7-----	<b>Chlorobenzene</b>	8	
100-41-4-----	Ethylbenzene	5	U
000-00-0-----	m, p-Xylene	5	U
95-47-6-----	o-Xylene	5	U

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

M-21

Lab Name: GALSON LABORATORIES

Contract: Blasland, B

Lab Code:

Case No.: 1

SAS No.:

SDG No.: L55405

Matrix: (soil/water) Water

Lab Sample ID: L55405-5

Sample wt/vol: 5 (g/mL) mL

Lab File ID: BC110309

Level: (low/med) LOW

Date Received: 11/02/99

%Moisture: not dec.

Date Analyzed: 11/03/99

GC Column: HP-624 ID: .25 (mm)

Dilution Factor: 1

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/l

CAS NO.

COMPOUND

Q

75-34-3-----	1,1-Dichloroethane	5	U
71-43-2-----	<b>Benzene</b>	19	
108-88-3-----	Toluene	5	U
108-90-7-----	<b>Chlorobenzene</b>	6	
100-41-4-----	Ethylbenzene	5	U
000-00-0-----	m,p-Xylene	5	U
95-47-6-----	o-Xylene	5	U

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

M-25

Lab Name: GALSON LABORATORIES

Contract: Blasland, B

Lab Code:

Case No.: 1

SAS No.:

SDG No.: L55405

Matrix: (soil/water) Water

Lab Sample ID: L55405-6

Sample wt/vol: 5 (g/mL) mL

Lab File ID: BC110506

Level: (low/med) LOW

Date Received: 11/02/99

%Moisture: not dec.

Date Analyzed: 11/05/99

GC Column: HP-624 ID: .25 (mm)

Dilution Factor: 1

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) ug/l

CAS NO.

COMPOUND

Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/l	Q
75-34-3-----	1,1-Dichloroethane	5	U
71-43-2-----	Benzene	6	
108-88-3-----	Toluene	5	U
108-90-7-----	Chlorobenzene	3	J
100-41-4-----	Ethylbenzene	5	U
000-00-0-----	m,p-Xylene	5	U
95-47-6-----	o-Xylene	5	U



1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

M-26

Lab Name: GALSON LABORATORIES                      Contract: Blasland, B

Lab Code:                      Case No.: 1                      SAS No.:                      SDG No.: L55405

Matrix: (soil/water) Water                      Lab Sample ID: L55405-7

Sample wt/vol: 5                      (g/mL) mL                      Lab File ID: BC110507

Level: (low/med) LOW                      Date Received: 11/02/99

%Moisture: not dec.                      Date Analyzed: 11/05/99

GC Column: HP-624                      ID: .25 (mm)                      Dilution Factor: 1

Soil Extract Volume:                      (uL)                      Soil Aliquot Volume:                      (uL)

CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/l                      Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/l	Q
75-34-3-----	1,1-Dichloroethane	5	U
71-43-2-----	Benzene	.7	U
108-88-3-----	Toluene	5	U
108-90-7-----	Chlorobenzene	5	U
100-41-4-----	Ethylbenzene	5	U
000-00-0-----	m,p-Xylene	5	U
95-47-6-----	o-Xylene	5	U

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

Lab Name: GALSON LABORATORIES	Contract: Blasland, B	RINSE BLANK-1
Lab Code:	Case No.: 1	SAS No.:                      SDG No.: L55405
Matrix: (soil/water) Water		Lab Sample ID: L55405-9
Sample wt/vol: 5 (g/mL) mL		Lab File ID: BC110306
Level: (low/med) LOW		Date Received: 11/02/99
%Moisture: not dec.		Date Analyzed: 11/03/99
GC Column: HP-624 ID: .25 (mm)		Dilution Factor: 1
Soil Extract Volume: (uL)		Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/l      Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/l	Q
75-34-3-----	1,1-Dichloroethane	5	U
71-43-2-----	Benzene	.7	U
108-88-3-----	Toluene	5	U
108-90-7-----	Chlorobenzene	5	U
100-41-4-----	Ethylbenzene	5	U
000-00-0-----	m,p-Xylene	5	U
95-47-6-----	o-Xylene	5	U

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

RINSE BLANK-2

Lab Name: GALSON LABORATORIES

Contract: Blasland, B

Lab Code:

Case No.: 1

SAS No.:

SDG No.: L55405

Matrix: (soil/water) Water

Lab Sample ID: L55405-16

Sample wt/vol: 5 (g/mL) mL

Lab File ID: BC110214

Level: (low/med) LOW

Date Received: 11/02/99

%Moisture: not dec.

Date Analyzed: 11/02/99

GC Column: HP-624 ID: .25 (mm)

Dilution Factor: 1

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/l Q

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/l	Q
75-34-3	1,1-Dichloroethane	5	U
71-43-2	Benzene	.7	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
000-00-0	m,p-Xylene	5	U
95-47-6	o-Xylene	5	U

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SS-1

Lab Name: GALSON LABORATORIES

Contract: Blasland, B

Lab Code:

Case No.: 1

SAS No.:

SDG No.: L55405

Matrix: (soil/water) Soil

Lab Sample ID: L55405-11

Sample wt/vol: 5 (g/mL) g

Lab File ID: BC110319

Level: (low/med) LOW

Date Received: 11/02/99

%Moisture: not dec. 28

Date Analyzed: 11/03/99

GC Column: HP-624 ID: .25 (mm)

Dilution Factor: 1

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:  
(ug/L or ug/Kg) ug/kg Q

CAS NO.

COMPOUND

75-34-3-----	1,1-Dichloroethane	14	U
71-43-2-----	Benzene	14	U
108-88-3-----	Toluene	14	U
108-90-7-----	Chlorobenzene	14	U
100-41-4-----	Ethylbenzene	14	U
000-00-0-----	m,p-Xylene	14	U
95-47-6-----	o-Xylene	14	U

▽

*de maximis, inc.*

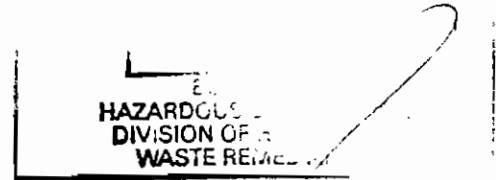
10243 Sunrise Place  
Bainbridge Island, WA 98110  
(206) 780-6852  
(206) 780-6872 FAX

*Reviewed  
11/3/99*

*JULY-SEP 7 1999  
John St  
FYA  
Terry and I  
are meeting  
with EPA  
in DEC*

Via Facsimile and First Class Mail

October 9, 1999



Ms. Patricia Simmons  
Central New York Remedial Section  
New York Remediation Branch  
Emergency and Remedial Response Division  
U.S. Environmental Protection Agency, Region II  
20<sup>th</sup> Floor, 290 Broadway  
New York, NY 10007

*Can you outline  
what might be  
appropriate (and  
easy) for a  
quarterly report  
for EPA.  
I want to  
come to  
some  
agreement  
on this  
issue  
prior to  
our  
meeting.*

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

Dear Ms. Simmons:

The October 1999 Quarterly Progress Report is submitted under Consent Decree 98-CV0112NPMGJD for operation, maintenance and long-term monitoring activities at the PAS Site in Oswego, New York (Consent Decree) is attached. This attached Progress Report, which covers the period July 1999 through September 1999, conforms with the requirements of Paragraph 30 of the Consent Decree, which was entered on August 10, 1998.

If you have any questions, please call me at (206) 780-6852.

Sincerely,  
*de maximis, inc.*

Mark Valentine

*John St.  
Terry and I are meeting  
with EPA in December.  
Can you outline what might  
be appropriate (and easy) for a  
quarterly report for EPA.  
I want to come to some  
agreement on this issue prior to  
our meeting.  
Jerry 10/29/99*

- cc: Performing Settling Defendants  
J. Singerman, U.S. EPA Region II  
G. Rider, NYSDEC, Division of Hazardous Waste Remediation  
C. Branagh, NYSDEC, Region 7 Office  
R. Heerkens, NYDOH, Office of Public Health  
L. McBurney, BBLES



**QUARTERLY PROGRESS REPORT**  
**Pollution Abatement Services Site - Oswego, New York**

**OCTOBER 9, 1999**

**PROJECT NAME:** Pollution Abatement Services Site  
Oswego, New York  
Operation, Maintenance and Long-Term Monitoring Activities

**PERIOD COVERED:** JULY - SEPTEMBER 1999

**ACTIONS TAKEN TOWARD COMPLIANCE DURING PREVIOUS QUARTER (JUL - SEP 1999):**

- Conducted leachate removal activities at the site in accordance with the USEPA-approved Operation, Maintenance and Long-term Monitoring Plan (OMMP) (BBL Environmental Services, 1998). BBL Environmental Services (BBLES) removed a total of 42,208 gallons of leachate during the third quarter of 1999. Four leachate removal events were conducted during the quarter. Specific quantities of leachate removed during each month, along with removal dates and manifest numbers, are described in this progress report under the section entitled Documentation of Removal Activities. Subsequent to each removal event, leachate and ground water were disposed of at the BFI/CECOS treatment and disposal facility in Niagara Falls, New York. BBL Environmental Services (BBLES) coordinated the leachate removal program. Buffalo Fuels Corporation was the transportation subcontractor.
- BBLES performed operational ground-water elevation monitoring (includes SWW- and LCW-series wells) at the site on July 6 and 19, August 6 and 18, and September 7 and 20 in accordance with the OMMP.
- BBLES performed routine maintenance activities in accordance with the OMMP. These routine maintenance activities included inspection of spill control materials and trimming and clearing of the concrete drainage troughs, as well as trimming around the storage shed, leachate collection tank, and electrical boxes. On August 18, the interior SWW wells were re-labeled using a white paint marker to better identify these well locations. In addition, the entrance gate was adjusted slightly to reduce the clearance space beneath the gate and "No Trespassing" signs were installed on the perimeter fence to maintain site security.
- BBLES also performed non-routine maintenance activities that included replacement of the Gorman-Rupp leachate collection pumps at LCW-1 and LCW-3 with Grundfos stainless steel submersible pumps (Model No. 40-S-20-7 - See July 1999 Quarterly Progress Report for Grundfos pump documentation.) The LCW-1 and LCW-3 pumps were replaced on July 19 and September 7, respectively. The operation of the newly-installed Grundfos pumps was tested and determined to be performing properly. The two Gorman-Rupp pumps removed were decontaminated and stored in the storage shed at the site.

**ACTION ITEMS FOR FOLLOWING QUARTER (OCT - DEC 1999):**

- Leachate removal activities will be performed in October, November and December 1999 in accordance with the OMMP. Table 1 provides a schedule for operation and monitoring activities for the period July through September 1999 (In addition, the tentative schedule for operation and monitoring activities for the period October through November 1999 is also shown on Table 1.) The planned leachate removal activities include pumping 15,000 gallons of leachate during the first week of the month, or whatever volume can be efficiently removed during a one-day pumping event, up to 15,000 gallons. The ground-water slurry wall wells and leachate wells will be monitored during the beginning of the third week of the month. If the leachate elevations measured during the third week indicate that an additional 10,000 gallons of removable leachate has accumulated in the trenches, then a contingency removal event will be promptly scheduled to remove the 10,000 gallons of additional leachate.
- BBLES will perform routine maintenance activities including inspection of spill control materials, site perimeter fence, french drains and concrete drainage trenches. The french drains and concrete drainage trenches will be cleared of vegetation, as necessary. These maintenance activities will be performed in accordance with the OMMP.

**ANTICIPATED DELAYS/PROBLEMS:**

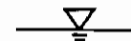
- The Performing Settling Defendants (PSDs) are waiting for USEPA's approval of the Environmental Protection Easement and Restrictive Covenant to be used in obtaining institutional controls for the Site. The PSDs will proceed with best efforts to obtain institutional controls in accordance with the Consent Decree upon USEPA approval of the Environmental Protection Easement and Restrictive Covenant.

**RESULTS OF FIELD ACTIVITIES:**

- Ground-water elevation data collected on July 6 and 19, August 2 and 16, and September 7 and 20, 1999 are attached (See Attachment 1).
- The routine leachate disposal and inspection checklists are attached (See Attachment 2).

**DOCUMENTATION OF REMOVAL ACTIVITIES:**

- Hazardous Waste Manifests and Gallons Removed (See Attachment 3)
- Waste Treatment/Disposal Certification (See Attachment 4)



• **MONTHLY REMOVAL QUANTITIES**

The monthly leachate removal events are summarized in the following.

**July 1999**

<b>Manifest #</b>	<b>Amount (gal)</b>	<b>Date Removed</b>
NYB5664789	4,804	7/7/99
NYB5664798	5,317	7/7/99

***July 1999 Total = 10,121 gallons***

**August 1999**

<b>Manifest #</b>	<b>Amount (gal)</b>	<b>Date Removed</b>
NYB5664834	5,576	8/6/99
NYB5664816	5,175	8/6/99
NYB5664807	5,944	8/18/99
NYB5664825	5,137	8/18/99

***August 1999 Total = 21,832 gallons***

**September 1999**

<b>Manifest #</b>	<b>Amount (gal)</b>	<b>Date Removed</b>
NYG165514	5,259	9/8/99
NYG165532	4,996	9/8/99

***September 1999 Total = 10,255 gallons***



• **CUMULATIVE REMOVAL QUANTITIES**

Cumulative gallons removed during quarter under OMMP (July thru September 1999) 42,208 gal

**HISTORICAL SUMMARY OF LEACHATE REMOVAL ACTIVITIES**

<b>Order/Decree</b>	<b>Disposal Facility/Period</b>	<b>Quantities</b>
<b>1991 IGR Order (2/92 - 10/94)</b>	<i>DuPont:</i>	
	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
<b>1994 IGR Order (10/94 - 10/98)</b>	<i>DuPont:</i>	
	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
	<i>BFI/CECOS:</i>	
	1996	163,446
	1997	269,371
	<u>1998 (1/98-10/98)</u>	<u>207,541</u>
	<i>Subtotal</i>	<u>640,358</u>
	<b>94 IGR Order Total</b>	1,090,106
<b>Final IGR Total</b>		<b>1,904,431</b>
<b>OMM Consent Decree (Beginning 11/98)</b>	<i>BFI/CECOS:</i>	
	1998 (11/98-12/98)	18,423
	1999 (Previous)	104,181
	<u>1999 (7/99 - 9/99)</u>	<u>42,208</u>
	<i>OMM Subtotal</i>	164,812
<b>GRAND TOTAL</b>		<b>2,069,243</b>

**DOCUMENTATION OF DISPOSAL ACTIVITIES:**

- Documentation of leachate treatment and disposal at the BFI/CECOS facility in Niagara Falls, New York is provided in the following.

**July 1999**

<b>BFI/CECOS Work Order Number</b>	<b>Manifest #</b>	<b>Date Disposed</b>
282392	NYB5664789	7/7/99
282475	NYB5664798	7/7/99

**August 1999**

<b>BFI/CECOS Work Order Number</b>	<b>Manifest #</b>	<b>Date Disposed</b>
282476	NYB5664834	8/6/99
282477	NYB5664816	8/6/99
282478	NYB5664807	8/18/99
282507	NYB5664825	8/18/99

**September 1999**

<b>BFI/CECOS Work Order Number</b>	<b>Manifest #</b>	<b>Date Disposed</b>
282508	NYG1655514	9/8/99
282548	NYG1655532	9/8/99

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

**TABLE 1 - OPERATION AND MONITORING SCHEDULE**

<b>OPERATION AND MONITORING SCHEDULE - PAS OSWEGO SUPERFUND SITE</b>												
	<b>Oct 1999 Removal Events</b>		<b>Nov 1999 Removal Events</b>		<b>Dec 1999 Removal Events</b>		<b>Jan 2000 Removal Events</b>		<b>Feb 2000 Removal Events</b>		<b>Mar 2000 Removal Events</b>	
	<b>First Event</b>	<b>Cont. Event</b>	<b>First Event</b>	<b>Cont Event</b>	<b>First Event</b>	<b>Cont Event</b>	<b>First Event</b>	<b>Cont Event</b>	<b>First Event</b>	<b>Cont Event</b>	<b>First Event</b>	<b>Cont Event</b>
<b>Pre-Pump Monitoring</b>	Oct 4	Oct 18	Nov 1	Nov 15	Dec 6	Dec 20	Jan 3	Jan 17	Feb 7	Feb 21	Mar 6	Mar 20
<b>Semi- Annual Monitoring</b>			Nov 1									
<b>Leachate Removal Schedule</b>	Oct 6	Oct 20	Nov 3	Nov 17	Dec 8	Dec 22	Jan 5	Jan 19	Feb 9	Feb 23	Mar 8	Mar 22

**Notes:**

Water levels in all LCW-series and SWW-series wells monitored monthly. Water levels in all M-series and LR-series wells monitored quarterly. Stream water levels monitored semi-annually.  
 Water quality monitored in all LTM-wells (LR-6, LR-8, M-21, M-25 and M-26) semi-annually. Leachate quality in leachate collection wells (LCW-2 and LCW-4) monitored semi-annually. Sediment quality monitored annually during the fall.  
 Leachate will be removed from LCW-series wells as necessary based on pre-pumping water level measurements collected from SWW-series wells. Contingency removal events only conducted if monitoring results collected typically during the third week of the month indicates sufficient leachate volume (i.e., 10,000 gallons) has accumulated in the collection trenches as required by the Operation, Maintenance and Long-Term Monitoring Plan.

# ***Attachment 1***

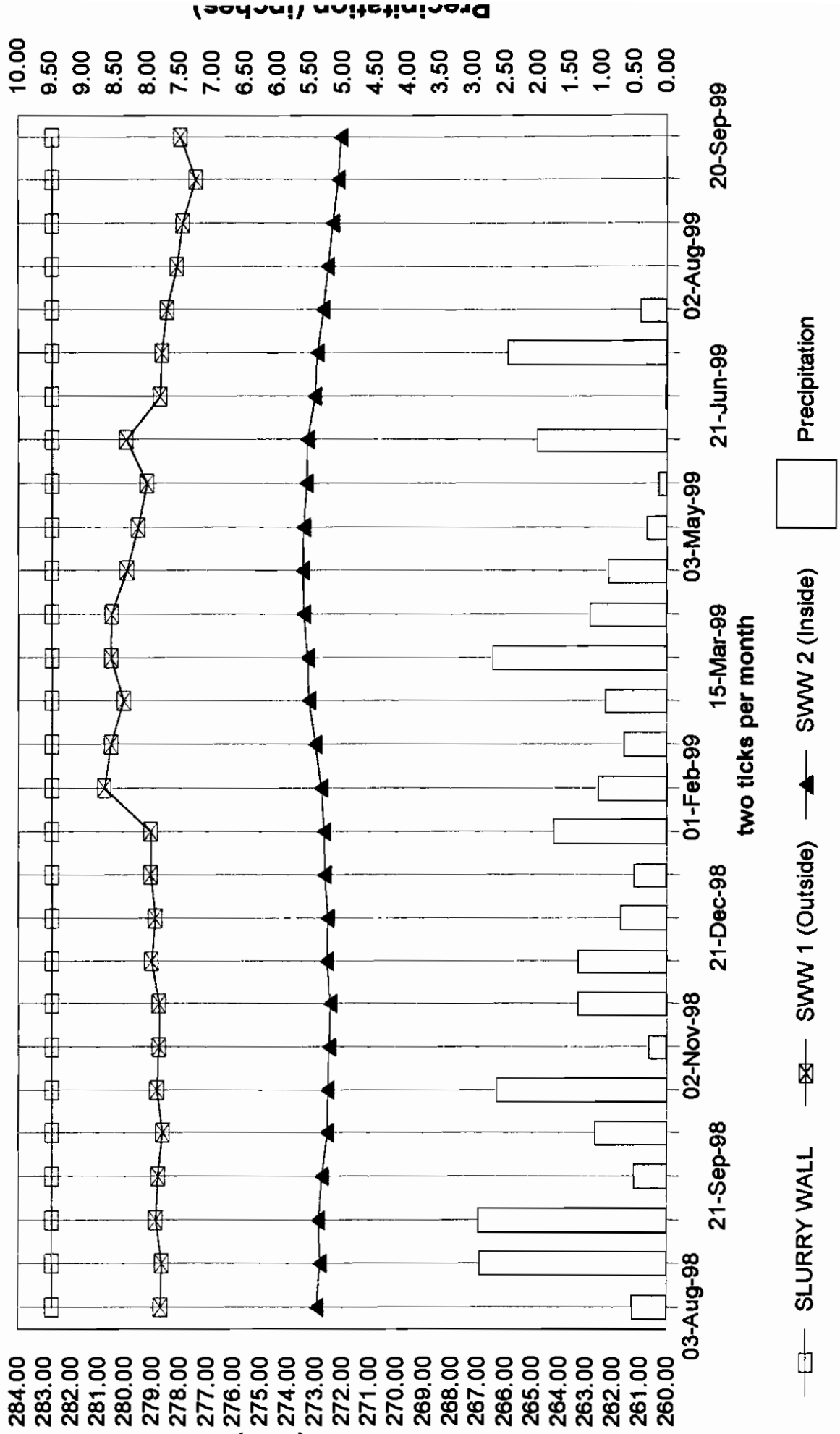
BBL ENVIRONMENTAL SERVICES, INC.

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## ***Ground-Water Elevation Data***

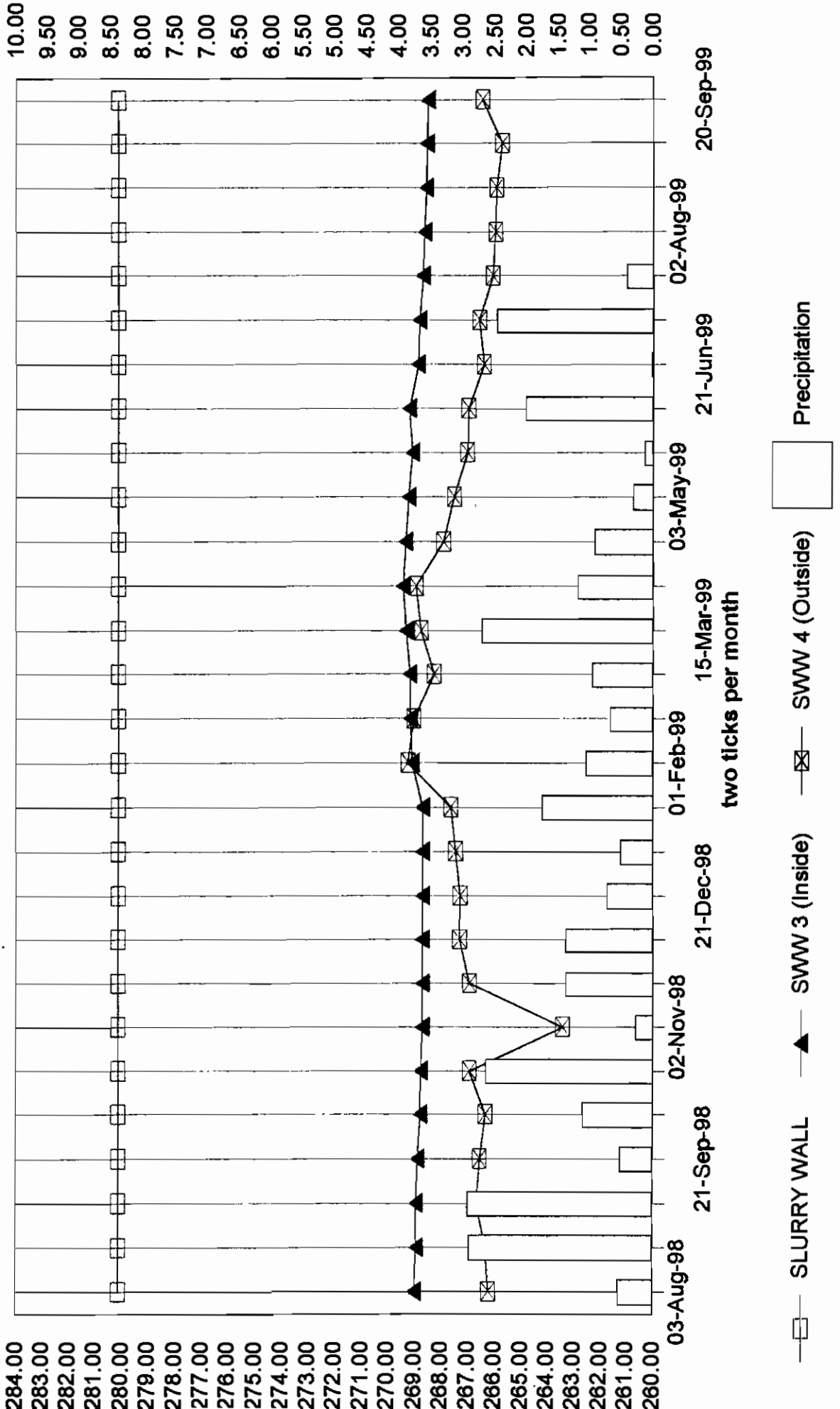
# PAS - OSWEGO

## GROUNDWATER ELEVATIONS (SWW1 & SWW2)



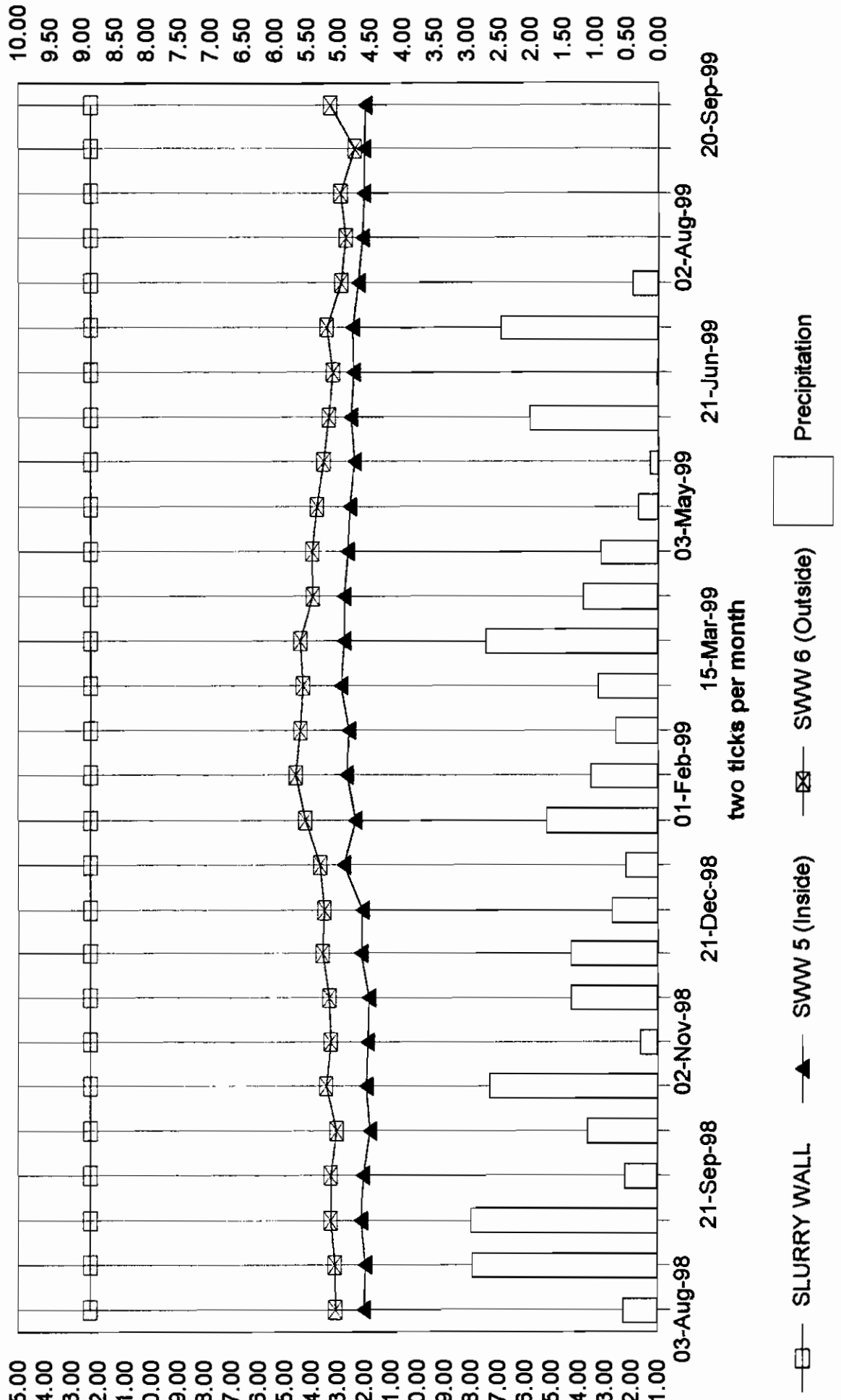
# PAS - OSWEGO

## GROUNDWATER ELEVATIONS (SWW3 & SWW4)



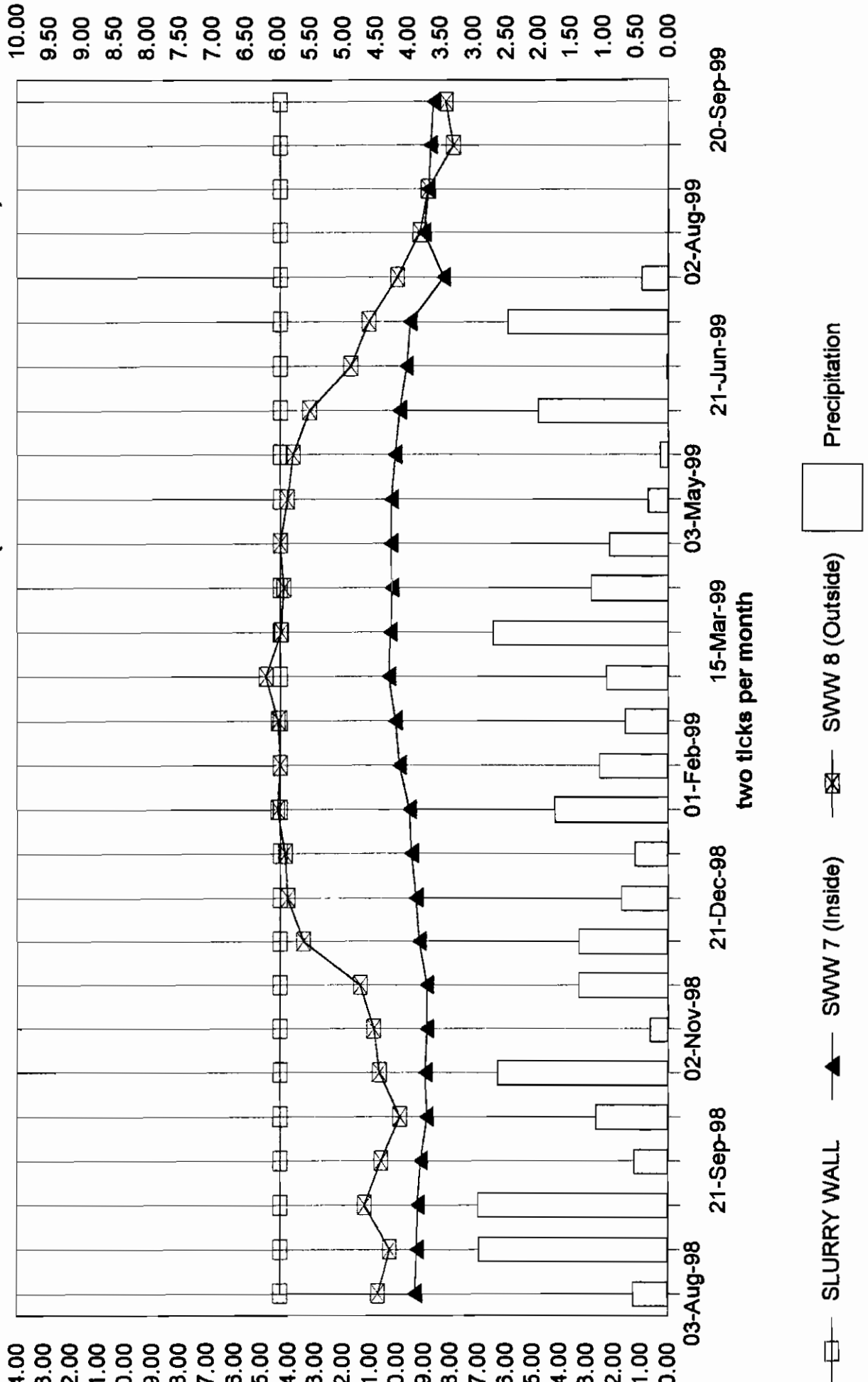
# PAS - OSWEGO

## GROUNDWATER ELEVATIONS (SWW5 & SWW6)



# PAS - OSWEGO

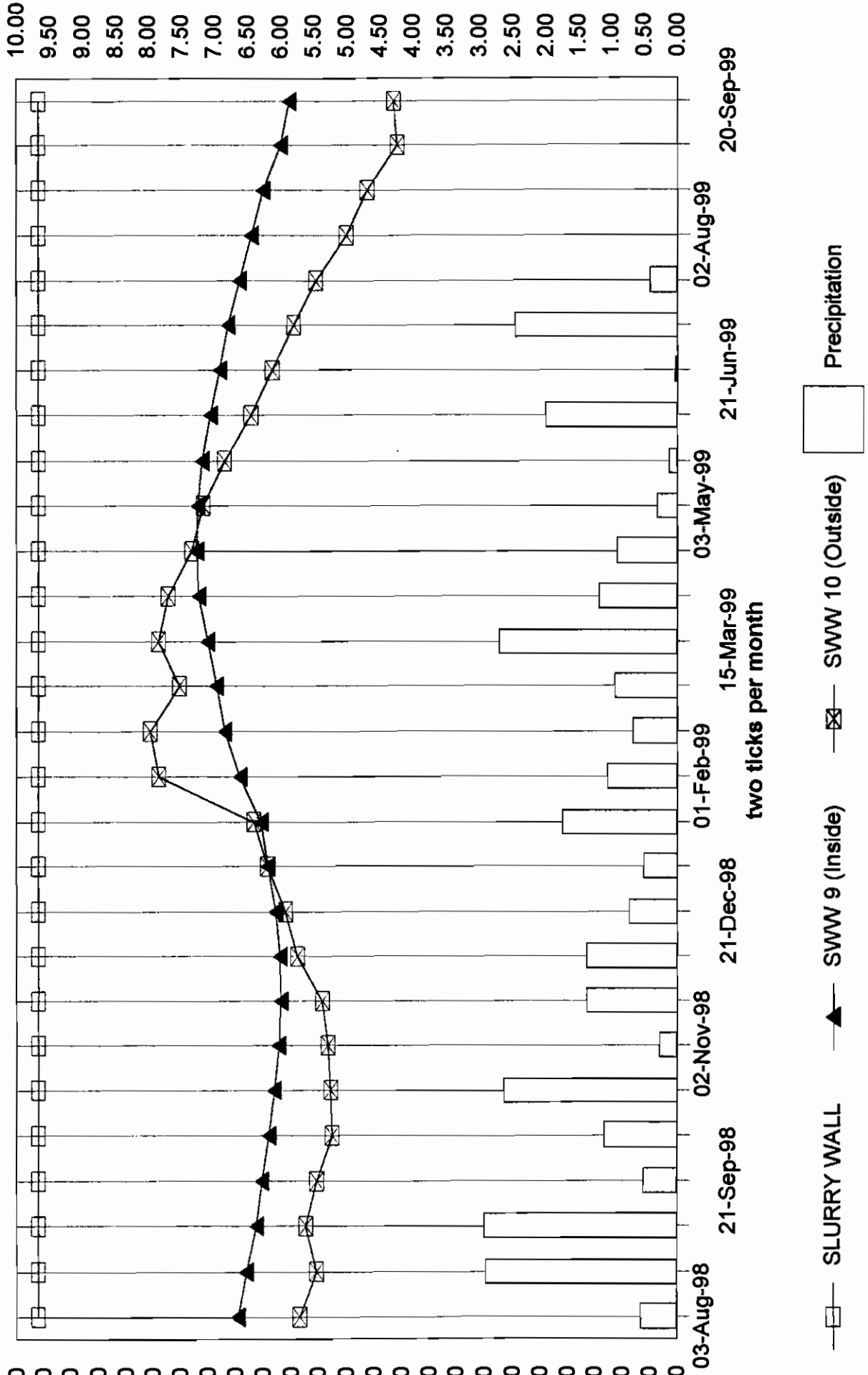
## GROUNDWATER ELEVATIONS (SWW7 & SWW8)





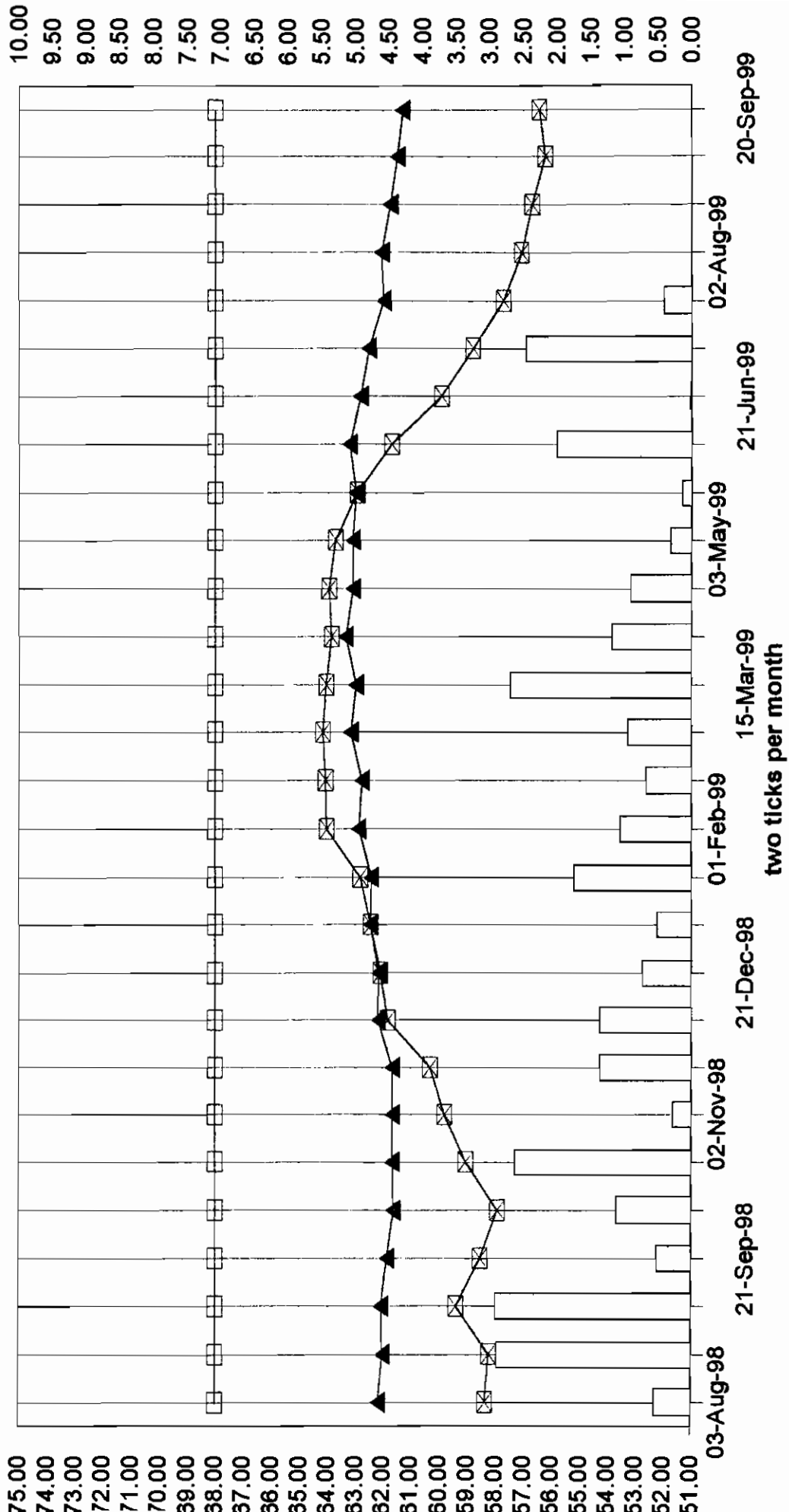
# PAS - OSWEGO

## GROUNDWATER ELEVATIONS (SWW9 & SWW10)



# PAS - OSWEGO

## GROUNDWATER ELEVATIONS (SWW11 & SWW12)



**BBL Environmental Services, Inc.**  
**PAS Site**  
**Oswego, New York**  
**Pre-Pumping Monitoring Well Levels**

07/06/99  
06:15 AM

Well Number	Ground Elevation	Riser Elevation	DTW During Previous Event	Reading 1	Reading 2	Acceptable Range for DTW		Within Range?		Ground-Water Elevation	Reading 3
						Yes	No	Yes	No		
SWW1	286.20	289.33	10.63	10.67	10.67	8.88 to 11.13	x			278.66	
SWW2	286.30	289.37	16.35	16.45	16.45	15.45 to 16.85	x			272.92	
SWW3	286.00	286.50	17.63	17.69	17.69	16.79 to 18.13	x			268.81	
SWW4	282.90	283.60	17.20	17.01	17.01	15.59 to 17.70	x			266.59	
SWW5	275.90	277.02	14.61	14.57	14.57	13.98 to 15.14	x			262.45	
SWW6	270.90	273.06	9.86	9.63	9.63	8.76 to 10.36	x			263.43	
SWW7	273.30	277.93	8.30	8.43	8.43	7.23 to 8.80	x			269.50	
SWW8	275.70	278.24	6.53	7.19	7.19	3.70 to 7.03		x		271.05	7.19
SWW9	283.30	285.55	17.96	18.26	18.26	16.66 to 18.46	x			267.29	
SWW10	279.30	280.43	14.74	15.50	15.50	11.73 to 15.24		x		264.93	15.50
SWW11	271.00	273.50	10.68	10.98	10.98	9.79 to 11.18	x			262.52	
SWW12	270.20	272.82	12.89	14.01	14.01	8.60 to 13.39		x		258.81	14.01
LCW-1	271.40	272.21	10.80	11.18	11.18	9.51 to 12.01	x			261.03	
LCW-2	272.60	274.44	13.03	13.40	13.40	12.53 to 14.28	x			261.04	
LCW-3	283.30	284.36	19.00	18.89	18.89	18.35 to 19.51	x			265.47	
LCW-4	283.80	285.70	20.35	20.56	20.56	19.85 to 21.99	x			265.14	

**BBL Environmental Services, Inc.**  
**PAS Site**  
**Oswego, New York**  
**Pre-Pumping Monitoring Well Levels - Contingency Event**

**07/19/99**  
**06:00 AM**

Well Number	Ground Elevation	Riser Elevation	DTW During Previous Event	Reading 1	Reading 2	Acceptable Range for DTW		Within Range?		Ground-Water Elevation	Reading 3
						Yes	No	Yes	No		
SWW1	286.20	289.33	10.67	10.88	10.88	8.88 to 11.13	x			278.45	
SWW2	286.30	289.37	16.45	16.66	16.66	15.45 to 16.85	x			272.71	
SWW3	286.00	286.50	17.69	17.81	17.81	16.79 to 18.13	x			268.69	
SWW4	282.90	283.60	17.01	17.53	17.53	15.59 to 17.70	x			266.07	
SWW5	275.90	277.02	14.57	14.79	14.79	13.98 to 15.14	x			262.23	
SWW6	270.90	273.06	9.63	10.17	10.17	8.76 to 10.36	x			262.89	
SWW7	273.30	277.93	8.43	8.65	8.65	7.23 to 8.80	x			269.28	
SWW8	275.70	278.24	7.19	8.26	8.26	3.70 to 7.03		x		269.98	8.26
SWW9	283.30	285.55	18.26	18.66	18.66	16.66 to 18.46		x		266.89	18.66
SWW10	279.30	280.43	15.50	16.31	16.31	11.73 to 15.24		x		264.12	16.31
SWW11	271.00	273.50	10.98	11.51	11.51	9.79 to 11.18		x		261.99	11.51
SWW12	270.20	272.82	14.01	15.09	15.09	8.60 to 13.39		x		257.73	15.09
LCW-1	271.40	272.21	11.18	11.49	11.49	9.51 to 12.01	x			260.72	
LCW-2	272.60	274.44	13.40	13.84	13.84	12.53 to 14.28	x			260.60	
LCW-3	283.30	284.36	18.89	18.86	18.86	18.35 to 19.51	x			265.50	
LCW-4	283.80	285.70	20.56	20.88	20.88	19.85 to 21.99	x			264.82	

BBL Environmental Services, Inc.

PAS Site

Oswego, New York

Pre-Pumping Monitoring Well Levels

08/02/99

06:30 AM

Well Number	Ground Elevation	Riser Elevation	DTW During Previous Event	Reading 1	Reading 2	Acceptable Range for DTW	Within Range?		Ground-Water Elevation	Reading 3
							Yes	No		
SWW1	286.20	289.33	10.88	11.23	11.23	8.88 to 11.13		x	278.10	11.23
SWW2	286.30	289.37	16.66	16.84	16.84	15.45 to 16.85	x		272.53	
SWW3	286.00	286.50	17.81	17.87	17.87	16.79 to 18.13	x		268.63	
SWW4	282.90	283.60	17.53	17.61	17.61	15.59 to 17.70	x		265.99	
SWW5	275.90	277.02	14.79	14.95	14.95	13.98 to 15.14	x		262.07	
SWW6	270.90	273.06	10.17	10.36	10.36	8.76 to 10.36	x		262.70	
SWW7	273.30	277.93	8.65	8.93	8.93	7.23 to 8.80		x	269.00	8.93
SWW8	275.70	278.24	8.26	9.10	9.10	3.70 to 7.03		x	269.14	9.10
SWW9	283.30	285.55	18.66	19.11	19.11	16.66 to 18.46		x	266.44	19.11
SWW10	279.30	280.43	16.31	17.42	17.42	11.73 to 15.24		x	263.01	17.42
SWW11	271.00	273.50	11.51	11.43	11.43	9.79 to 11.18		x	262.07	11.43
SWW12	270.20	272.82	15.09	15.74	15.74	8.60 to 13.39		x	257.08	15.74
LCW-1	271.40	272.21	11.49	11.02	11.02	9.51 to 12.01	x		261.19	
LCW-2	272.60	274.44	13.84	13.28	13.28	12.53 to 14.28	x		261.16	
LCW-3	283.30	284.36	18.86	19.14	19.14	18.35 to 19.51	x		265.22	
LCW-4	283.80	285.70	20.88	20.10	20.10	19.85 to 21.99	x		265.60	
LR-2	287.50	289.85	13.97	15.51	15.51	12.66 to 14.99		x	274.34	15.51
LR-3	275.50	278.06	9.08	11.84	11.84	8.33 to 11.21		x	266.22	11.84
LR-6	270.90	274.39	11.17	13.22	13.22	8.33 to 11.21		x	261.17	13.22
LR-8	270.00	273.42	10.89	12.68	12.68	10.21 to 12.76	x		260.74	
M-21	270.28	272.32	10.37	12.15	12.15	8.93 to 12.04		x	260.17	12.15
M-22	270.40	273.88	11.10	13.13	13.13	10.13 to 12.67		x	260.75	13.13
M-23	267.98	270.49	12.85	14.16	14.16	11.50 to 13.92		x	256.33	14.16
M-24	276.49	277.94	15.64	17.39	17.39	14.01 to 17.57	x		260.55	
M-25	264.56	265.84	8.18	9.79	9.79	6.52 to 9.36		x	256.05	9.79
M-26	271.85	273.38	11.91	15.58	15.58	7.19 to 15.08		x	257.80	15.58

**BBL Environmental Services, Inc.**

**PAS Site**

**Oswego, New York**

**Pre-Pumping Monitoring Well Levels - Contingency Event**

08/16/99

06:15 AM

Well Number	Ground Elevation	Riser Elevation	DTW During Previous Event	Reading 1	Reading 2	Acceptable Range for DTW	Within Range?		Ground-Water Elevation	Reading 3
							Yes	No		
SWW1	286.20	289.33	11.23	11.46	11.46	8.88 to 11.13		x	277.87	11.46
SWW2	286.30	289.37	16.84	17.02	17.02	15.45 to 16.85		x	272.35	17.02
SWW3	286.00	286.50	17.87	17.92	17.92	16.79 to 18.13	x		268.58	
SWW4	282.90	283.60	17.61	17.66	17.66	15.59 to 17.70	x		265.94	
SWW5	275.90	277.02	14.95	15.01	15.01	13.98 to 15.14	x		262.01	
SWW6	270.90	273.06	10.36	10.16	10.16	8.76 to 10.36	x		262.90	
SWW7	273.30	277.93	8.93	9.10	9.10	7.23 to 8.80		x	268.83	
SWW8	275.70	278.24	9.10	9.60	9.60	3.70 to 7.03		x	268.64	9.60
SWW9	283.30	285.55	19.11	19.52	19.52	16.66 to 18.46		x	266.03	19.52
SWW10	279.30	280.43	17.42	18.18	18.18	11.73 to 15.24		x	262.25	18.18
SWW11	271.00	273.50	11.43	11.74	11.74	9.79 to 11.18		x	261.76	11.74
SWW12	270.20	272.82	15.74	16.11	16.11	8.60 to 13.39		x	256.71	16.11
LCW-1	271.40	272.21	11.02	11.74	11.74	9.51 to 12.01	x		260.47	
LCW-2	272.60	274.44	13.28	13.99	13.99	12.53 to 14.28	x		260.45	
LCW-3	283.30	284.36	19.14	19.01	19.01	18.35 to 19.51	x		265.35	
LCW-4	283.80	285.70	20.10	20.44	20.44	19.85 to 21.99	x		265.26	

**BBL Environmental Services, Inc.**  
**PAS Site**  
**Oswego, New York**  
**Pre-Pumping Monitoring Well Levels**

09/07/99

06:45 AM

Well Number	Ground Elevation	Riser Elevation	DTW During Previous Event	Reading 1	Reading 2	Acceptable Range for DTW		Within Range?		Ground-Water Elevation	Reading 3
						Yes	No	Yes	No		
SWW1	286.20	289.33	11.46	11.93	11.93	10.17 to 11.96	x			277.40	
SWW2	286.30	289.37	17.02	17.23	17.23	15.95 to 17.52	x			272.14	
SWW3	286.00	286.50	17.92	17.96	17.96	17.19 to 18.42	x			268.54	
SWW4	282.90	283.60	17.66	17.87	17.87	16.51 to 18.16	x			265.73	
SWW5	275.90	277.02	15.01	15.00	15.00	14.07 to 15.51	x			262.02	
SWW6	270.90	273.06	10.16	10.69	10.69	9.13 to 10.86	x			262.37	
SWW7	273.30	277.93	9.10	9.18	9.18	7.93 to 9.60	x			268.75	
SWW8	275.70	278.24	9.60	10.33	10.33	6.69 to 10.10		x		267.91	10.33
SWW9	283.30	285.55	19.52	20.15	20.15	17.76 to 20.02		x		265.40	20.15
SWW10	279.30	280.43	18.18	19.27	19.27	15.00 to 18.68		x		261.16	19.27
SWW11	271.00	273.50	11.74	12.00	12.00	10.48 to 12.24	x			261.50	
SWW12	270.20	272.82	16.11	16.58	16.58	13.51 to 16.61	x			256.24	
LCW-1	271.40	272.21	11.74	11.65	11.65	10.52 to 12.24	x			260.56	
LCW-2	272.60	274.44	13.99	13.88	13.88	12.78 to 14.49	x			260.56	
LCW-3	283.30	284.36	19.01	19.20	19.20	18.36 to 19.64	x			265.16	
LCW-4	283.80	285.70	20.44	20.72	20.72	19.60 to 21.38	x			264.98	

**BBL Environmental Services, Inc.**  
**PAS Site**  
**Oswego, New York**  
**Pre-Pumping Monitoring Well Levels - Contingency Event**

09/20/99  
07:00 AM

Well Number	Ground Elevation	Riser Elevation	DTW During Previous Event	Reading 1	Reading 2	Acceptable Range for DTW		Within Range?		Ground-Water Elevation	Reading 3
						Yes	No	Yes	No		
SWW1	286.20	289.33	11.93	11.38	11.38	10.17 to 11.96		x		277.95	
SWW2	286.30	289.37	17.23	17.33	17.33	15.95 to 17.52		x		272.04	
SWW3	286.00	286.50	17.96	18.00	18.00	17.19 to 18.42		x		268.50	
SWW4	282.90	283.60	17.87	17.13	17.13	16.51 to 18.16		x		266.47	
SWW5	275.90	277.02	15.00	15.03	15.03	14.07 to 15.51		x		261.99	
SWW6	270.90	273.06	10.69	9.76	9.76	9.13 to 10.86		x		263.30	
SWW7	273.30	277.93	9.18	9.30	9.30	7.93 to 9.60		x		268.63	
SWW8	275.70	278.24	10.33	10.07	10.07	6.69 to 10.10		x		268.17	
SWW9	283.30	285.55	20.15	20.47	20.47	17.76 to 20.02			x	265.08	20.47
SWW10	279.30	280.43	19.27	19.14	19.14	15.00 to 18.68			x	261.29	19.14
SWW11	271.00	273.50	12.00	12.18	12.18	10.48 to 12.24		x		261.32	
SWW12	270.20	272.82	16.58	16.37	16.37	13.51 to 16.61		x		256.45	
LCW-1	271.40	272.21	11.65	12.21	12.21	10.52 to 12.24		x		260.00	
LCW-2	272.60	274.44	13.88	14.44	14.44	12.78 to 14.49		x		260.00	
LCW-3	283.30	284.36	19.20	18.94	18.94	18.36 to 19.64		x		265.42	
LCW-4	283.80	285.70	20.72	21.44	21.44	19.60 to 21.38			x	264.26	21.44



## ***Attachment 2***

**BBL ENVIRONMENTAL SERVICES, INC.**

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# ***Leachate Disposal and Inspection Checklists***

BBL Environmental Services, Inc.

PAS Site  
Oswego, New York

Leachate Disposal Checklist

T. Henson  
BLES Project Personnel  
BEL  
Transportation Subcontractor

7/7/99  
Date  
CECOS  
Leachate Destination  
6:20  
Time On-Site

PUMPING RECORD FROM WELLS TO TANK

Well	Leachate Collection Well Pumping		Well Pumping Flow Rate Analysis		Flow Rate Calculation	Remarks
	Start Time	Stop Time	Time	Tank Elev. (Ft. Down)		
LCW-1	<del>6:25</del>				See Below	Pump is Inop
LCW-2	6:25	8:30				INTERMITTENT OPERATION
W-3	6:25	8:05				↓
W-4	6:25	8:25				

Leachate Holding Tank: USED STICK MEASUREMENT

Initial Flow Meter Reading:

Final Flow Meter Reading: WATER INOP

Avg Pump Rate:  $\frac{10,400 \text{ gal}}{178 \text{ mins}} = 58 \text{ GPM}$

PUMPING FROM TANK TO DISPOSAL TRUCK

Load	(Pre-Loading) Tanker		(Post-Loading) Tanker		Destination	Remarks
	Time	Confirmed Clean	Time	Tanker Volume (By Stick Mess.)	Manifest	
Load #1	9:00	YES	10:25	5,200	<u>CECOS</u> NYB 564789	W.O.# 282392
Load #2	10:30	YES	11:30	5,200	<u>CECOS</u> NYB 564798	W.O.# 282475
Load #3						
Load #4			TOTAL	10,400		

BBL Environmental Services, Inc.

PAS Site  
Oswego, New York

Leachate Disposal Checklist

Tim Henson  
BBL Project Personnel  
BFC  
Transportation Subcontractor

8/6/99  
Date  
CECOS  
Leachate Destination  
6:30 AM  
Time On-Site

PUMPING RECORD FROM WELLS TO TANK

Well	Leachate Collection Well Pumping		Well Pumping Flow Rate Analysis		Flow Rate Calculation	Remarks
	Start Time	Stop Time	Time	Tank Elev. (FT. Down)		
LCW-1	6:35	9:15			SEE BELOW INTERMITTANT OPERATION ↓	
LCW-2	6:35	9:18				
LCW-3	6:35	9:04				
LCW-4	6:35	9:20				
Leachate Holding Tank: USED STICK MEASUREMENT						
Initial Flow Meter Reading: METER INOP						
Final Flow Meter Reading: METER INOP						
AVG PUMP RATE = $\frac{10,750 \text{ GALS}}{260 \text{ MIN}} = 41 \text{ GPM}$						

PUMPING FROM TANK TO DISPOSAL TRUCK

Load	(Pre-Loading) Tanker		(Post-Loading) Tanker		Destination	Remarks
	Time	Confirmed Clean	Time	Tanker Volume (By Stick Meas.)	Manifest	
Load #1	9:15	YES	10:50	5,550	CECOS NYB 5664834	W.O. # 282476
Load #2	10:55	YES	11:30	5,200	CECOS NYB 5664816	W.O. # 282477
Load #3						
Load #4			TOTAL	10,750		

BBL Environmental Services, Inc.

PAS Site  
Oswego, New York

Leachate Disposal Checklist

T. Henson  
BLES Project Personnel  
BFC  
Transportation Subcontractor

8/18/99  
Date  
6:40  
Time On-Site  
CECOS  
Leachate Destination

PUMPING RECORD FROM WELLS TO TANK

Well	Leachate Collection Well Pumping		Well Pumping Flow Rate Analysis		Flow Rate Calculation	Remarks
	Start Time	Stop Time	Time	Tank Elev. (Ft. Down)		
LCW-1	6:45	8:30			SEE BELOW	INTERMITTANT OPERATION ↓
LCW-2	6:45	10:12				
W-3	6:45	9:05				
JW-4	6:45	10:13				
<p>Leachate Holding Tank: <u>USED STICK MEASUREMENT</u></p> <p>Initial Flow Meter Reading: <u>meter 1100</u></p> <p>Final Flow Meter Reading: <u>meter 1100</u></p> <p>Avg Pump Rate = <math>\frac{10870 \text{ Gals}}{285 \text{ min}} = 38 \text{ GPM}</math></p>						

PUMPING FROM TANK TO DISPOSAL TRUCK

Load	(Pre-Loading) Tanker		(Post-Loading) Tanker		Destination Manifest	Remarks
	Time	Confirmed Clean	Time	Tanker Volume (By Stick Meas.)		
Load #1	9:00	YES	11:20	5,700	CECOS NYB5064807	W.O.# 282478
Load #2	11:25	YES	11:45	5,170	CECOS NYB5064805	W.O.# 282507
Load #3						
Load #4				TOTAL 10,870		

AT APPROX. 9:50 TJH CALLED BFC CHECK ON ARRIVAL TIME OF TANKER TRUCKS AND BFC SAID THAT NO TRUCKS WERE SCHEDULED FOR THIS WEEK, TJH CALLED DOUG RUSZCZYK OF BBL + INFORMED HIM OF PROBLEM, APPARENTLY BFC FAILED TO SCHEDULE TRUCKS AFTER RECEIVING FAX FROM DOUG.

BBL Environmental Services, Inc.

PAS Site  
Oswego, New York

Leachate Disposal Checklist

T. Henson  
BLES Project Personnel  
BFC  
Transportation Subcontractor

9/8/99  
Date  
CECOS  
Leachate Destination

6:40 AM  
Time On-Site

PUMPING RECORD FROM WELLS TO TANK

Well	Leachate Collection Well Pumping		Well Pumping Flow Rate Analysis		Flow Rate Calculation	Remarks
	Start Time	Stop Time	Time	Tank Elev. (Ft. Down)		
LCW-1	6:51	14:33			SEE BELOW	INTERMITTENT OPERATION
LCW-2	7:00	14:15				
W-3	7:12	7:13				
JW-4	6:38	14:20				

Leachate Holding Tank: USED STILL MEASUREMENT

Initial Flow Meter Reading: METER IN OP

Final Flow Meter Reading: METER IN OP

Avg Pump Rate =  $\frac{10400 \text{ Gals}}{183 \text{ min}} = 56 \text{ G.P.M.}$

PUMPING FROM TANK TO DISPOSAL TRUCK

Load	(Pre-Loading) Tanker		(Post-Loading) Tanker		Destination Manifest	Remarks
	Time	Confirmed Clean	Time	Tanker Volume (By Stick Meas.)		
Load #1	2:30P	YES	4:00P	5,200	CECOS NY 1655514	W.O.# 282508
Load #2	4:05P	YES	5:00P	5,200	CECOS NY 1655532	W.O.# 282548
Load #3						
Load #4			TOTAL	10,400		

BBL Environmental Services, Inc.

PAS Site  
Oswego, New York

Site Inspection Checklist

Date: 7/17/90  
Personnel: T.H.

Time: 6:30 7/17/90  
Weather: SUN 70.5

Site Feature	Previous Inspection Date	Condition/Maintenance/Activity
Cap		
Burrowing Animals		OK
Cap Vegetation		OK
Concrete Drainage Trough		OK TRIMMED SOME WEEDS ALONG SIDES
French Drain		OK
Weeds		OK
Leachate Collection System		
Pumps		Low-1 Pump Inop
Pump Controls/Alarms		OK
Tank Level		OIL
Monitoring Wells		
Locks		OK
Riser		OK
Surface Completion		OK
General Site Conditions		
Foliage		OK
Perimeter Fence		OK
Site access drive		OK
Stream gauges		OK
Other Items		
Equipment Storage Shed		OK
Fire Extinguisher		OK
Spill Control Materials		OK

REMARKS/SPECIAL MAINTENANCE: (include separate detailed maintenance report, if necessary)

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BBL Environmental Services, Inc.

PAS Site  
Oswego, New York

Site Inspection Checklist

Date: 7/19/99 Time: 7:00 Am  
 Personnel: TH HENNING / PETER SPENCE Weather: SUN 80'S

Site Feature	Previous Inspection Date	Condition/Maintenance Activity
Cap		
Burrowing Animals		
Cap Vegetation		
Concrete Drainage Trough		
French Drain		
Weeds		
<b>Leachate Collection System</b>		
Pumps		REPLACED pump in LCW-1
Pump Controls/Alarms		
Tank Level		
<b>Monitoring Wells</b>		
Locks		
Riser		
Surface Completion		
<b>General Site Conditions</b>		
Foliage		
Perimeter Fence		ADJUSTED BOTH ACCESS GATES
Site access drive		
Stream gauges		
<b>Other Items</b>		
Equipment Storage Shed		
Fire Extinguisher		
Spill Control Materials		

REMARKS/SPECIAL MAINTENANCE: (include separate detailed maintenance report, if necessary)

- INSTALLED NEW PUMP in LCW-1. PULLED EXISTING PUMP OUT + GOT APPROX 1 FOOT OF SCHED 80 2" PIPE FROM EXISTING PIPING + HAD RETREADER - RAN NEW FLANG THROUGH SEVERAL TESTS + PUMP IS RUNNING PROPERLY.
- LOWERED SLIDING ACCESS GATE APPROX 1.5' + INSPECTED FOR PROPER FUNCTION. ALSO ADJUSTED MAIN ACCESS GATES SO MINIMUM SPACE BETWEEN THE TWO SURVEY GATES WAS ACHIEVED.

BBL Environmental Services, Inc.

PAS Site  
Oswego, New York

Site Inspection Checklist

Date: 8/6/99  
Personnel: Jim Hanson

Time: 6:30am  
Weather: SUN 70'S

Site Feature	Previous Inspection Date	Condition/Maintenance Activity
Cap		
Burrowing Animals		
Cap Vegetation		
Concrete Drainage Trough		USED GAS POWERED BRUSH CUTTER TO CLEAR WEEDS
French Drain		
Weeds		
<b>Leachate Collection System</b>		
Pumps		
Pump Controls/Alarms		
Tank Level		
<b>Monitoring Wells</b>		
Locks		
Riser		
Surface Completion		
<b>General Site Conditions</b>		
Foliage		
Perimeter Fence		
Site access drive		
Stream gauges		
<b>Other Items</b>		
Equipment Storage Shed		
Fire Extinguisher		
Spill Control Materials		

REMARKS/SPECIAL MAINTENANCE: (include separate detailed maintenance report, if necessary)

- CLEARED APPROX 500' OF WEED GROWTH AROUND EDGES OF CONCRETE DRAINAGE TROUGH.

- KNOCKED DOWN GRASS + WEEDS AROUND SHED, COLLECTION TANK, + ELECTRICAL BOX AREAS WITH BRUSH CUTTER.



BBL Environmental Services, Inc.

PAS Site  
Oswego, New York

Site Inspection Checklist

Date: 8/18/99  
Personnel: TJH

Time: 6:40  
Weather: Overcast 70°

Site Feature	Previous Inspection Date	Condition/Maintenance Activity
Cap		
Burrowing Animals		OK
Cap Vegetation		OK
Concrete Drainage Trough		OK Trimmed ~500' OF TRENCH
French Drain		OK
Weeds		OK
Leachate Collection System		
Pumps		OK
Pump Controls/Alarms		OK
Tank Level		OK
Monitoring Wells		
Locks		OK
Riser		OK
Surface Completion		OK
General Site Conditions		
Foliage		OK
Perimeter Fence		OK
Site access drive		OK
Stream gauges		OK
Other Items		
Equipment Storage Shed		OK
Fire Extinguisher		OK
Spill Control Materials		OK

REMARKS/SPECIAL MAINTENANCE: (include separate detailed maintenance report, if necessary)

- USED GAS POWERED BRUSH CUTTER TO TRIM ~500' MORE OF CONCRETE DRAINAGE TRENCH. (ALONG BOTH SIDES OF TRENCH)

- ALSO USED WHITE PAINT MARKER TO LABEL WELLS ON MONDAY 8/16/99

BBL Environmental Services, Inc.

PAS Site  
Oswego, New York

Site Inspection Checklist

Date: 9/7/99  
Personnel: Jim Henson, Peter Spence

Time: 6:45am  
Weather: Rain 70S

Site Feature	Previous Inspection Date	Condition/Maintenance/Activity
Cap		
Burrowing Animals		
Cap Vegetation		
Concrete Drainage Trough		
French Drain		
Weeds		
<b>Leachate Collection System</b>		
Pumps		Replace pump in LEW-3
Pump Controls/Alarms		
Tank Level		
<b>Monitoring Wells</b>		
Locks		
Riser		
Surface Completion		
<b>General Site Conditions</b>		
Foliage		
Perimeter Fence		
Site access drive		
Stream gauges		
<b>Other Items</b>		
Equipment Storage Shed		
Fire Extinguisher		
Spill Control Materials		

REMARKS/SPECIAL MAINTENANCE: (include separate detailed maintenance report, if necessary)

- TJH + PAS ONSITE FOR PUMP REPLACEMENT ACTIVITIES FOR LEW-3
- Add NO TRESPASSING SIGNS ON BOTH ACCESS GATES

BBL Environmental Services, Inc.

PAS Site  
Oswego, New York

Site Inspection Checklist

Date: 9/8/99  
Personnel: J. HENSON

Time: 6:40  
Weather: OVERCAST 80'S VERY HUMID

Site Feature	Previous Inspection Date	Condition/Maintenance/Activity
Cap		
Burrowing Animals		
Cap Vegetation		
Concrete Drainage Trough		
French Drain		
Weeds		
<b>Leachate Collection System</b>		
Pumps		
Pump Controls/Alarms		
Tank Level		
<b>Monitoring Wells</b>		
Locks		
Riser		
Surface Completion		
<b>General Site Conditions</b>		
Foliage		
Perimeter Fence		
Site access drive		
Stream gauges		<u>SWG-6 STREAM GAUGE IS MISSING AND NEEDS REPLENISHMENT.</u>
<b>Other Items</b>		
Equipment Storage Shed		
Fire Extinguisher		
Spill Control Materials		

REMARKS/SPECIAL MAINTENANCE: (include separate detailed maintenance report, if necessary)

- PREVIOUSLY DAMAGED STREAM GAUGES ARE AS FOLLOWS, SWG-1, SWG-5  
- APPEARS THAT GAUGE WAS TAKEN OUT BY A FALLING TREE.

## ***Attachment 3***

**BBL ENVIRONMENTAL SERVICES, INC.**

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# ***Hazardous Waste Manifests***

STATE OF NEW YORK  
DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
DIVISION OF HAZARDOUS SUBSTANCES REGULATION

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Form Approved. OMB No. 2050-0039. Expires 9-30-94

Please print or type. Do not Staple.

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA No. <b>NYD00051165900031</b>		Manifest Document No. <b>31</b>		2. Page 1 of <b>1</b>		Information in the shaded areas is not required by Federal Law.			
3. Generator's Name and Mailing Address <b>FAS Group Site Participation Agreement Parties c/o DEL Environmental Services, Inc. 6723 Tempoth Road, Box 66, Syracuse, NY 13214-0066</b>						A. State Manifest Document No. <b>NY B 556478 9</b>					
4. Generator's Phone <b>(315) 446-9120</b>						B. Generator's ID <b>Site, E. Seneca St., Oswego, NY 13126</b>					
5. Transporter 1 (Company Name) <b>Buffalo Fuel Corp.</b>				6. US EPA ID Number <b>NYR000045724</b>		C. State Transporter's ID <b>86A170 (NY)</b>		D. Transporter's Phone <b>505-577-8005</b>			
7. Transporter 2 (Company Name)				8. US EPA ID Number		E. State Transporter's ID		F. Transporter's Phone ( )			
9. Designated Facility Name and Site Address <b>CECOS International, Inc. 5000 Niagara Falls Boulevard Niagara Falls, NY 14304</b>						10. US EPA ID Number <b>NYD080336241</b>		G. State Facility's ID			
						H. Facility's Phone <b>(716) 282-2676</b>					
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)						12. Containers		13. Total		14. Unit	
a. <b>20, Seals, Environmentally Hazardous Substance, Liquid, 9, A.C.S., UN332, PG 111, Multi-source Leachate, F039 (Benzene, Toluene, Xylene)</b>						No. Type		Quantity		Wt/Vol	
						b. 0 1 1 7 8		05200 c		EPA Waste No. <b>F039</b>	
b.										EPA STATE	
c.										EPA STATE	
d.										EPA STATE	
J. Additional Descriptions for Materials listed Above						K. Handling Codes for Wastes Listed Above					
a. <b>Water 20%, Toluene 0.0001%</b>						a. <input checked="" type="checkbox"/> b. <input type="checkbox"/> c. <input type="checkbox"/> d. <input type="checkbox"/>					
a. <b>Xylene 0.0011%, Benzene 0.0007%</b>						b. <input type="checkbox"/> c. <input type="checkbox"/> d. <input type="checkbox"/>					
b.						b. <input type="checkbox"/> c. <input type="checkbox"/> d. <input type="checkbox"/>					
15. Special Handling Instructions and Additional Information <b>Emergency Response Refer to ENR-31 24-Hour Contacts: (800) 677-6003</b>						<b>Product Codes: 12285-AAS</b>					
						<b>Work Order No.: 282392</b>					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am a large quantity generator, I certify that I have program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a small generator, I have made a good faith effort to minimize my waste and select the best waste management method that is available to me and that I can afford.											
Printed/Typed Name <b>T. HENSON</b>				Signature <i>T. Henson</i>				Mo. Day Year <b>07 07 97</b>			
17. Transporter 1 (Acknowledgement of Receipt of Materials)											
Printed/Typed Name <b>JDH G 116 512 616</b>				Signature <i>John Henson</i>				Mo. Day Year <b>07 07 97</b>			
18. Transporter 2 (Acknowledgement or Receipt of Materials)											
Printed/Typed Name				Signature				Mo. Day Year			
19. Discrepancy Indication Space <b>Quantity Received 20.05 tons</b>											
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.											
Printed/Typed Name <b>Patrick Omilian</b>				Signature <i>Patrick Omilian</i>				Mo. Day Year <b>ASent for CECOS 07 07 97</b>			

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the N.Y. Dept. of Environmental Conservation (518) 457-7362.

STATE OF NEW YORK  
DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
DIVISION OF HAZARDOUS SUBSTANCES REGULATION  
**HAZARDOUS WASTE MANIFEST**

Form Approved, OMB No. 2050-0039, Expires 9-30-94

Please print or type. Do not Staple.

P.O. Box 12820, Albany, New York 12212

900) 424-8802 and the N.Y. Dept. of Environmental Conservation (518) 457-7362.

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA No. <b>NYD00031165000032</b>		Manifest Document No.		2. Page 1 of 1		Information in the shaded areas is not required by Federal Law.	
3. Generator's Name and Mailing Address <b>FAS Genco Site Participation Agreement Parties c/o NE Environmental Services, Inc. 673 Tempah Road, Box 66, Syracuse, NY 13214-0066</b>		6. US EPA ID Number <b>NYR0000045724</b>		7. State Manifest Program No. <b>NY-B000479</b>		B. Generator's ID <b>Site: E. Seneca St., Syracuse, NY 13212</b>			
4. Generator's Phone <b>(315) 446-9120</b>		5. Transporter 1 (Company Name) <b>Buffalo Fuel Corp.</b>		8. US EPA ID Number		C. State Transporter's ID <b>10926514</b>		D. Transporter's Phone <b>606-477-0003</b>	
7. Transporter 2 (Company Name)		9. Designated Facility Name and Site Address <b>CECOX INTERNATIONAL INC. 5600 NIAGARA FALLS BOULEVARD NIAGARA FALLS, NY 14304</b>		10. US EPA ID Number <b>NYD000336241</b>		E. State Transporter's ID		F. Transporter's Phone	
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)		12. Containers		13. Total Quantity		14. Unit		EPA Waste No.	
a. <b>24, Waste, Environmentally Hazardous Substance, Liquid, 9, a.c.s., UN2822, PG III, Multi-Source Leachate, 7039 (Benzene, Toluene, Xylene)</b>		No. Type		0 01 13 05200 g		Wt/Vol		STATE	
b.								EPA STATE	
c.								EPA STATE	
d.								EPA STATE	
J. Additional Descriptions for Materials listed Above <b>Water 99%, Toluene 0.0001%, Xylene 0.0017%, Benzene 0.0007%</b>		K. Handling Codes for Wastes Listed Above		a <input checked="" type="checkbox"/>		c <input type="checkbox"/>		b <input type="checkbox"/>	
15. Special Handling Instructions and Additional Information <b>Emergency Response Refer to CERCLA 24-Hour Contacts: (800) 677-6883</b>		Product Codes <b>11205-048</b>		Surf Order No.: <b>280475</b>					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am a large quantity generator, I certify that I have program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a small generator, I have made a good faith effort to minimize my waste and select the best waste management method that is available to me and that I can afford.		Printed/Typed Name <b>J. Hansen</b> -As Agent		Signature <i>[Signature]</i>		Mo. Day Year <b>07 07 99</b>			
17. Transporter 1 (Acknowledgement of Receipt of Materials)		Printed/Typed Name <b>E. Wilson</b>		Signature <i>[Signature]</i>		Mo. Day Year <b>07 07 99</b>			
18. Transporter 2 (Acknowledgement or Receipt of Materials)		Printed/Typed Name		Signature		Mo. Day Year			
19. Discrepancy Indication Space <b>Quantity Received 22.19 tons</b>		20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.		Printed/Typed Name <b>Patrick Omilian</b>		Signature <i>[Signature]</i> Agent for CECOS		Mo. Day Year <b>07 07 99</b>	

STATE OF NEW YORK  
DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
DIVISION OF HAZARDOUS SUBSTANCES REGULATION  
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P.O. Box 12820 Albany, New York 12212

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA No. <b>NY 000005110000000000</b>		Manifest Document No. <b>000000</b>		2. Page 1 of <b>1</b>		Information in the shaded areas is not required by Federal Law.			
3. Generator's Name and Mailing Address <b>PAS Site Participation Agreement Parties c/o EMI Environmental Services, Inc., Attn: L.M. McBurney 6721 Tompeth Road, P.O. Box 66, Syracuse, NY 13210-0066</b>						A. State <b>NY</b>					
4. Generator's Phone <b>(315) 446-9130</b>						B. Generator's ID <b>NY B 500000</b>					
5. Transporter 1 (Company Name) <b>Buffalo Fuel Corp.</b>				6. US EPA ID Number <b>NY 0000000005720</b>		C. State Transporter's ID <b>000000</b>					
7. Transporter 2 (Company Name)				8. US EPA ID Number		D. Transporter's Phone					
9. Designated Facility Name and Site Address <b>CECOS International, Inc. 3600 Niagara Falls Boulevard Niagara Falls, NY 14304</b>						10. US EPA ID Number <b>NY 00000000036200</b>					
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)						12. Containers		13. Total Quantity		14. Unit	
a. <b>Oil, Waste, Environmentally Hazardous Substance, Liquid, 9, 2.2.2., UN002, PG III, Multi-Source Leachate, F003, (Hexane, Toluene, Xylene)</b>						No. Type		Quantity		Waste No.	
								5550		EPA F003	
										STATE	
										EPA	
										STATE	
										EPA	
										STATE	
J. Additional Descriptions for Materials listed Above						K. Handling Codes for Wastes Listed Above					
a. <b>Hexane, Toluene, Xylene</b>						a. <input checked="" type="checkbox"/> b. <input type="checkbox"/> c. <input type="checkbox"/> d. <input type="checkbox"/>					
b. <b>Xylene</b>						b. <input type="checkbox"/> c. <input type="checkbox"/> d. <input type="checkbox"/>					
c. <b>Toluene</b>						c. <input type="checkbox"/> d. <input type="checkbox"/>					
d. <b>Hexane</b>						d. <input type="checkbox"/>					
15. Special Handling Instructions and Additional Information <b>Emergency Response Refer to ERC-21 24-Hour Contacts: (800) 677-8203</b> <b>Product Code: 12105-000</b> <b>Stock Order No.: 282476</b>											
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am a large quantity generator, I certify that I have program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a small generator, I have made a good faith effort to minimize my waste and select the best waste management method that is available to me and that I can afford.											
Printed/Typed Name <b>T. Henson</b>				Signature <i>T. Henson</i>				Mo. Day Year <b>08 06 99</b>			
17. Transporter 1 (Acknowledgement of Receipt of Materials)											
Printed/Typed Name <b>C. Wilson</b>				Signature <i>C. Wilson</i>				Mo. Day Year <b>08 06 99</b>			
18. Transporter 2 (Acknowledgement or Receipt of Materials)											
Printed/Typed Name				Signature				Mo. Day Year			
19. Discrepancy Indication Space <b>Quantity Received 2327 tons</b>											
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in 19. <b>BLASLAND BROWN &amp; LEE, INC. ROCHESTER, NY</b>											
Printed/Typed Name <b>Patrick Omlin</b>				Signature <i>Patrick Omlin</i>				Mo. Day Year <b>08 06 99</b>			

In case of an emergency or spill immediately call the National Response Center (800) 424-8802 and the N.Y. Dept. of Environmental Conservation (518) 457-7382.

STATE OF NEW YORK  
DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
DIVISION OF HAZARDOUS SUBSTANCES REGULATION  
**HAZARDOUS WASTE MANIFEST**  
P.O. Box 12820, Albany, New York 12212

Form Approved, OMB No. 2050-0039. Expires 9-30-94

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<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA No. <b>NY 000052165300031</b>		Manifest Document No.		2. Page 1 of 1		Information in the shaded areas is not required by Federal Law.			
3. Generator's Name and Mailing Address <b>PAS Geopac Site Participation Agreement Parties c/o DEL Environmental Services, Inc. Attn: L.N. McBurney 6723 Tappan Road, P.O. Box 66, Syracuse, NY 13214-0066</b>						A. State Manifest Document No. <b>NY B 566481 6</b>					
4. Generator's Phone <b>(315) 446-9128</b>						B. Generator's ID <b>Site, E. Sisson St., Geopac, NY 13212</b>					
5. Transporter 1 (Company Name) <b>Buffalo Fuel Corp.</b>				6. US EPA ID Number <b>NY R 000045724</b>		C. State Transporter's ID <b>60985 (14)</b>		D. Transporter's Phone <b>(800) 477-8083</b>			
7. Transporter 2 (Company Name)				8. US EPA ID Number		E. State Transporter's ID		F. Transporter's Phone			
9. Designated Facility Name and Site Address <b>CECOS International, Inc. 5600 Niagara Falls Boulevard Niagara Falls, NY 14304</b>				10. US EPA ID Number <b>NY B 0000336201</b>		G. State Facility's ID		H. Facility's Phone <b>(716) 382-2676</b>			
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)						12. Containers		13. Total Quantity		14. Unit	
a. <b>DR. WASTE, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, 9, H.O.S., UN3092, PG 111, MULTI-SOURCE LEACHATE, FOOD (BENZENE, TOLUENE, XYLENE)</b>						No. Type		Quantity		Wt/Vol	
						8 0 1 1 1		052000		EPA Waste No.	
b.										EPA STATE	
c.										EPA STATE	
d.										EPA STATE	
J. Additional Descriptions for Materials listed Above						K. Handling Codes for Wastes Listed Above					
a. <b>Refer to 9. Volume 0.000147</b>						a. <input checked="" type="checkbox"/> T <input type="checkbox"/>					
b. <b>Volume 0.000147</b>						b. <input type="checkbox"/> <input type="checkbox"/>					
c.						c. <input type="checkbox"/>					
d.						d. <input type="checkbox"/>					
15. Special Handling Instructions and Additional Information <b>Emergency Response Refer to ERO-51 24-hour Contacts: (800) 477-8083</b>						<b>Product Codes 12285-448</b> <b>Sort Order No.: 282477</b>					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am a large quantity generator, I certify that I have program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a small generator, I have made a good faith effort to minimize my waste and select the best waste management method that is available to me and that I can afford.											
Printed/Typed Name <b>T. Henson</b>				Signature <i>T. Henson</i>				Mo. Day Year <b>08 06 99</b>			
17. Transporter 1 (Acknowledgement of Receipt of Materials)											
Printed/Typed Name <b>JOHN GIESELER</b>				Signature <i>John Gieseler</i>				Mo. Day Year <b>08 06 99</b>			
18. Transporter 2 (Acknowledgement or Receipt of Materials)											
Printed/Typed Name				Signature				Mo. Day Year			
19. Discrepancy Indication Space <b>Quantity Received 21,600 tons</b>											
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest, except as noted in Item 9.											
Printed/Typed Name <b>Patrick Omilian</b>				Signature <i>Patrick Omilian</i>				Mo. Day Year <b>08 06 99</b>			

In case of emergency or spill immediately call the National Response Center (800) 424-9602 and the N.Y. Dept. of Environmental Conservation (518) 457-7382.



STATE OF NEW YORK  
DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
DIVISION OF HAZARDOUS SUBSTANCES REGULATION

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Form Approved. OMB No. 2050-0039 Expires 9-30-94

Please print or type. Do not Staple.

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA No <b>NY D 0 0 0 5 1 1 5 9 0 0 0 0 1</b>		Manifest Document No. <b>1</b>		2. Page 1 of 1		Information in the shaded areas is not required by Federal Law.							
3. Generator's Name and Mailing Address <b>PAS Waste Site Participation Agreement Parties c/o SBL Environmental Services, Inc. Attn: L.W. McNamoy 6723 Tonawanda Road, P.O. Box 66, Syracuse, NY 13214-0066</b>						A. State Manifest Document No. <b>NY B 566480 7</b>									
4. Generator's Phone <b>(315) 446-9110</b>						B. Generator's ID Pollution Abatement Services Site, E. Seneca St., Tonawanda, NY 13126									
5. Transporter 1 (Company Name) <b>Buffalo Fuel Corp.</b>				6. US EPA ID Number <b>NY R 0 0 0 0 0 4 3 7 2 4</b>		C. State Transporter's ID <b>8621 ID (NY)</b>									
7. Transporter 2 (Company Name)				8. US EPA ID Number		D. Transporter's Phone <b>(800) 677-0003</b>									
9. Designated Facility Name and Site Address <b>CECOS International, Inc. 5000 Niagara Falls Boulevard Niagara Falls, NY 14304</b>						10. US EPA ID Number <b>NY D 0 0 0 3 3 6 2 4 1</b>		E. State Transporter's ID							
								F. Transporter's Phone ( )							
								G. State Facility's ID							
								H. Facility's Phone <b>(716) 282-2676</b>							
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)						12. Containers		13. Total		14. Unit		15. Waste No.			
a. <b>84, 242kg, Environmentally Hazardous Substances, Liquid, 9, n.o.s., UN3082, PG III, Multi-Source Leachate, P019 (Benzene, Toluene, Xylene)</b>						No. Type <b>8 0 1 TT</b>		Quantity <b>05700 G</b>		Wt/Vol		EPA Waste No. <b>F039</b>			
b. <b>RECEIVED</b>												STATE			
c. <b>BLASLAND, BUCK &amp; LEE, INC. ROCHESTER, NY</b>												EPA STATE			
d.												EPA STATE			
J. Additional Descriptions for Materials listed Above						K. Handling Codes for Wastes Listed Above									
a. <b>Water 99%, Toluene 0.0004%</b>						a. <input checked="" type="checkbox"/> Y <input type="checkbox"/> c <input type="checkbox"/>									
b. <b>Xylene 0.001%, Benzene 0.0007%</b>						b. <input type="checkbox"/> d <input type="checkbox"/>									
15. Special Handling Instructions and Additional Information <b>Emergency Response Refer to EPC-31 24-Hour Contacts: (800) 677-0003</b>						<b>Product Code: 12285-AMZ</b> <b>Work Order No.: 282470</b>									
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am a large quantity generator, I certify that I have program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment. OR if I am a small generator, I have made a good faith effort to minimize my waste and select the best waste management method that is available to me and that I can afford.															
Printed/Typed Name <b>J. HENSON</b> <b>-As Agent for PAS Site Participation Agreement Parties</b>				Signature <i>[Signature]</i>				Mo. Day Year <b>08 18 99</b>							
17. Transporter 1 (Acknowledgement of Receipt of Materials)				Printed/Typed Name <b>Richard Sharkey</b>				Signature <i>[Signature]</i>				Mo. Day Year <b>08 18 99</b>			
18. Transporter 2 (Acknowledgement or Receipt of Materials)				Printed/Typed Name				Signature				Mo. Day Year			
19. Discrepancy Indication Space <b>QUANTITY REC. 24.81 TONS</b>															
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.															
Printed/Typed Name <b>JASON G. SYKES</b>				Signature <i>[Signature]</i>				Mo. Day Year <b>08 18 99</b>							

In case of emergency or spill immediately call the National Response Cf (800) 424-8802 and the N.Y. Dept. of Environmental Conservation (518) 457-7362.

STATE OF NEW YORK  
DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
DIVISION OF HAZARDOUS SUBSTANCES REGULATION

**HAZARDOUS WASTE MANIFEST**

P.O. Box 12820, Albany, New York 12212

Form Approved OMB No. 2050-0039. Expires 9-30-94

Please print or type. Do not Staple.

In case of emergency or spill immediately call the National Response Cr (800) 424-9802 and the N.Y. Dept. of Environmental Conservation (518) 457-7362.

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA No. <b>NY000051165900010</b>		Manifest Document No. <b>10</b>		2. Page 1 of 1		Information in the shaded areas is not required by Federal Law.		
3. Generator's Name and Mailing Address <b>PAS Omega Site Participation Agreement Parties c/o OSL Environmental Services, Inc. Attn: L.M. McNamery 6723 Tempah Road, P.O. Box 66, Syracuse, NY 13214-0066</b>						A. State Manifest Document No. <b>NY B 566482 5</b>				
4. Generator's Phone <b>(315) 446-9128</b>						B. Generator's ID <b>POLLUTION Abatement Serv Site, E. Jones St., Oswego, NY 13126</b>				
5. Transporter 1 (Company Name) <b>Buffalo Fuel Corp.</b>			6. US EPA ID Number <b>NYR0000045724</b>			C. State Transporter's ID <b>7707Z (NY)</b>		D. Transporter's Phone <b>(800) 677-8003</b>		
7. Transporter 2 (Company Name)			8. US EPA ID Number			E. State Transporter's ID		F. Transporter's Phone ( )		
9. Designated Facility Name and Site Address <b>CECOS International, Inc. 5600 Niagara Falls Boulevard Niagara Falls, NY 14304</b>						10. US EPA ID Number <b>NYD000336241</b>		G. State Facility's ID		
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)						12. Containers		13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. <b>NO. WASTE, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, 9, H.C.S., 803082, PC 111, MULTI-SOURCE LEACHATE, 7039 (BENZENE, TOLUENE, XYLENE)</b>						No. Type		Quantity	Wt/Vol	EPA STATE
						0 0 1 TT		05170 g		EPA STATE
b.										EPA STATE
c.										EPA STATE
d.										EPA STATE
J. Additional Descriptions for Materials listed Above <b>Water 99%, Toluene 0.00045%</b>						K. Handling Codes for Wastes Listed Above				
a. <b>Xylene 0.0017%, Benzene 0.00007%</b>						a		T	c	
b.						b			d	
15. Special Handling Instructions and Additional Information <b>Emergency Responder refer to EPC-31 24-hour Contact: (800) 677-8003</b>						<b>Product Code: 12285-883</b> <b>Merch Order No.: 282507</b>				
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am a large quantity generator, I certify that I have program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment, OR if I am a small generator, I have made a good faith effort to minimize my waste and select the best waste management method that is available to me and that I can afford.										
Printed/Typed Name <b>T. Hansen</b>				Signature <i>T. Hansen</i>				Mo. Day Year <b>08 18 99</b>		
17. Transporter 1 (Acknowledgement of Receipt of Materials)										
Printed/Typed Name <b>Robert L. Simcox Jr.</b>				Signature <i>Robert L. Simcox Jr.</i>				Mo. Day Year <b>08 18 99</b>		
18. Transporter 2 (Acknowledgement or Receipt of Materials)										
Printed/Typed Name				Signature				Mo. Day Year		
19. Discrepancy Indication Space <b>QUANTITY REC. 21.44 TONS.</b>										
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.										
Printed/Typed Name <b>JASON G. SYKES</b>				Signature <i>Jason G. Sykes</i>				Mo. Day Year <b>08 18 99</b>		

NYG 1655514



**HAZARDOUS WASTE MANIFEST**  
P.O. Box 12820, Albany, New York 12212

(Hazardous Waste Manifest 1/5/99)

Please type or print. Do not staple

In case of emergency or spill immediately call the National Response Center (800) 457-8802 and the NYS Department of Environmental Conservation (518) 457-8802

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No. <b>NY 000051165900041</b>	Manifest Doc. No. <b>1</b>	2. Page 1 of <b>1</b>	Information within heavy bold line is not required by Federal Law.
3. Generator's Name and Mailing Address <b>PAS Oswego Site Participation Agreement Parties a/o GBL Environmental Services, Inc. Attn: L.V. McBurney 6713 Tompath Road, P.O. Box 66, Syracuse, NY 13214-0066</b>				A. <b>NYG 1655514</b>	
4. Generator's Telephone Number ( 315 ) <b>446-9120</b>		6. US EPA ID Number <b>NY 2000045720</b>		B. Generator's ID <b>Pollution Abatement Services Site, E. Seneca St., Oswego, NY 13126</b>	
5. Transporter 1 (Company Name) <b>Buffalo Fuel Corp.</b>		7. Transporter 2 (Company Name)		C. State Transporter's ID <b>81211D (NY)</b>	
9. Designated Facility Name and Site Address <b>CECOS International, Inc. 5600 Niagara Falls Boulevard Niagara Falls, NY 14304</b>		10. US EPA ID Number <b>NY 0000336241</b>		D. Transporter's Telephone ( 800 ) <b>677-8085</b>	
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number) <b>a. Waste, Environmentally Hazardous Substance, Liquid, 9, n.o.s., UN3082, PG III, Multi-Source Leachate, F039 (Benzene, Toluene, Xylene)</b>		12. Containers Number Type <b>0 0 1 T T</b>		13. Total Quantity <b>0 5 2 0 0 G</b>	
I. Waste No. EPA <b>F039</b> STATE		14. Unit Wt/Val <b>G</b>		EPA STATE	
b.				EPA STATE	
c.				EPA STATE	
d.				EPA STATE	
J. Additional Descriptions for Materials listed Above <b>Water 99%, Toluene 0.00045%, Xylene 0.0011%, Benzene 0.00037%</b>				K. Handling Codes for Wastes Listed Above a <input checked="" type="checkbox"/> c <input type="checkbox"/> b <input type="checkbox"/> d <input type="checkbox"/>	
15. Special Handling Instructions and Additional Information <b>Emergency Response Refer to ERG-31 24-Hour Contact: (800) 677-4883</b> <b>Product Code: 12185-AA8</b> <b>Work Order No.: 282508</b>					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name <b>T. HENSON -As Agent</b>		Signature <i>[Signature]</i>		Mo. Day Year <b>09 08 99</b>	
17. Transporter 1 Acknowledgement of Receipt of Materials					
Printed/Typed Name <i>[Signature]</i>		Signature <i>[Signature]</i>		Mo. Day Year <b>09 08 99</b>	
18. Transporter 2 Acknowledgement of Receipt of Materials					
Printed/Typed Name		Signature		Mo. Day Year	
19. Discrepancy Indication Space					
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.					
Printed/Typed Name <b>M. J. C. H.</b>		Signature <i>[Signature]</i>		Mo. Day Year <b>0 7 0 7 9 9</b>	

NYG 165532



**HAZARDOUS WASTE MANIFEST**  
P.O. Box 12820, Albany, New York 12212

(Hazardous Waste Manifest 1/5/99)

Please type or print. Do not staple

In c. of emergency or spill immediately call the National Response Center (800) .8802 and the NYS Department of Environmental Conservation (518) 457 2

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No. <b>NY 000051165900042</b>	Manifest Doc. No. <b>42</b>	2. Page 1 of <b>1</b>	Information within heavy bold line is not required by Federal Law.	
3. Generator's Name and Mailing Address <b>PAS Omega Site Participation Agreement Parties c/o IUL Environmental Services, Inc. Attn: L.S. McBurney 6723 Tompath Road, P.O. Box 66, Syracuse, NY 13214-0066</b>				A. <b>NYG 165532</b>		
4. Generator's Telephone Number ( <b>315</b> ) <b>446-9120</b>		6. US EPA ID Number <b>UYR 000045720</b>		B. Generator's ID <b>Pollution Abatement Services Site, E. Seneca St., Omega, NY 13126</b>		
5. Transporter 1 (Company Name) <b>Buffalo Fuel Corp.</b>		8. US EPA ID Number		C. State Transporter's ID <b>7720TZ(NY)</b>		
7. Transporter 2 (Company Name)		10. US EPA ID Number <b>NY 0080336241</b>		D. Transporter's Telephone ( <b>800</b> ) <b>677-8003</b>		
9. Designated Facility Name and Site Address <b>CECOS International, Inc. 5600 Niagara Falls Boulevard Niagara Falls, NY 14304</b>		11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number) <b>a. 20, Waste, Environmentally Hazardous Substance, Liquid, 9, n.o.s., UN3082, PG III, Multi-Source Leachate, F039 (Benzene, Toluene, Xylene)</b>		12. Containers Number   Type		14. Unit Wt/Val
				13. Total Quantity		1. Waste No. EPA <b>F039</b> STATE
				0   0   1   T   70   500   G		EPA
						STATE
						EPA
						STATE
						EPA
						STATE
						EPA
						STATE
J. Additional Descriptions for Materials listed Above		K. Handling Codes for Wastes Listed Above				
Water 99%, Toluene 0.00045%		c		a		<input checked="" type="checkbox"/>
Xylene 0.0011%, Benzene 0.0007%		d		b		<input type="checkbox"/>
b						<input type="checkbox"/>
15. Special Handling Instructions and Additional Information <b>Emergency Response Refer to ERG-31 24-hour Contact: (800) 677-8003</b> <b>Product Code: 12285-AAS</b> <b>Batch Order No.: 282548</b>						
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.						
Printed/Typed Name <b>T. K. ... -As Agent</b>		Signature <i>[Signature]</i>		Mo. Day Year <b>09   08   99</b>		
17. Transporter 1 Acknowledgement of Receipt of Materials						
Printed/Typed Name <b>[Name]</b>		Signature <i>[Signature]</i>		Mo. Day Year <b>09   08   99</b>		
18. Transporter 2 Acknowledgement of Receipt of Materials						
Printed/Typed Name		Signature		Mo. Day Year		
19. Discrepancy Indication Space						
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.						
Printed/Typed Name <b>Michael J. Carlton</b>		Signature <i>[Signature]</i>		Mo. Day Year <b>0   9   0   9   9   9</b>		

# ***Attachment 4***

**BBL ENVIRONMENTAL SERVICES, INC.**

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# ***Waste Treatment/Disposal Certification***

BFC:454

Post-It™ brand fax transmittal memo 7671		# of pages > 1
To Doug Russet	From Pat Omilian	
Co. BBL Environmental	Co. CECOS	
Dept.	Phone # 716 282-2676	Ext. 220
Fax # 716 292 6715	Fax #	

WO# 282392

GROSS 36.20  
 TARE 16.15  
 20.05 NET

SIGNATURE: \_\_\_\_\_

in: 3:15 out: 4:15 7/7/99



CECOS

No.: 001107

CECOS INTERNATIONAL, INC.  
 5800 NIAGARA FALLS BLVD.  
 NIAGARA FALLS, NY 14304

B.F.C.-451

WO# 282475

GROSS 40.32  
 TARE 18.13  
 22.19

SIGNATURE: \_\_\_\_\_



CECOS INTERNATIONAL, INC.  
5600 NIAGARA FALLS BLVD.  
NIAGARA FALLS, NY 14304

BFC #461

WO# 282476

GROSS: 39.45

TARE 16.18

NET 23.27

To: Doug Russett  
From: Paulina - CECOS  
1 Page  
292-6715

SIGNATURE: [Signature]

1,2:45 OUT: 4:40 8/6/99



CECOS

No.: 001156

CECOS INTERNATIONAL, INC.  
5600 NIAGARA FALLS BLVD.  
NIAGARA FALLS, NY 14304

BFC 454

WO# 282477

GROSS 39.85

TARE 18.25

21.60 NET

SIGNATURE: [Signature]



No.: 001184

CECOS INTERNATIONAL, INC.  
5600 NIAGARA FALLS BLVD.  
NIAGARA FALLS, NY 14304

Date : 00-10-99 Time In: 15:32:29 Time Out: 16:42:55  
Ticket # : 001229 CDS # : 0000042 LMS #: 0000100  
Customer : SEE GENERATOR  
Vehicle # : 000457 Lic Plates

CECOS  
Manifest # : 566400 7 PO #: Transporter: BFC  
Source Co : Generator : DRY CECOS OF NEW YORK  
Comment : BFC Operator: AL SMITH  
Scale In # : 1 Scale Out #: 1  
Gross Wt : 41.01 Tare Wt: 16.20 Net Wt: 24.81 t

Item Descr Bill Qty \$/Unit Extended  
SFC SFC 24.81 t

Have a Happy and Safe Summer!!

WD # 102478

SIGNATURE: *R Shady*





No.: 001185

CECOS

CECOS INTERNATIONAL, INC.  
5600 NIAGARA FALLS BLVD.  
NIAGARA FALLS, NY 14304

Date : 08-18-99 Time In: 15:34:25 Time Out: 17:19:59  
 Ticket # : 081230 CMS # : 0000042 LMS #: 0000100  
 Customer : SEE GENERATOR  
 Vehicle # : 006008 Lic Plate:  
 CECS  
 Manifest # : 566482 5 PD #: Transporter: S  
 Source Cd : Generator : CMY CECS OF NEW YORK  
 Comment : Operator: AL SMITH  
 Scale In # : 1 Scale Out #: 1  
 Gross Wt : 39.58 Tare Wt: 18.14 Net Wt: 21.44 t

Item	Descr	Bill Qty	\$/Unit	Extended
SPC	SPC	21.44	t	

Have a Happy and Safe Summer!!

*W<sup>o</sup> #287507*

SIGNATURE: *A. Luma*



CECOS

No.: 001217

Date : 09-09-99 Time In: 07:30:41 Time Out: 09:40:22  
Ticket # : A03563 CMS # : 0000042  
CECOS INTERNATIONAL, INC.  
5600 NIAGARA FALLS BLVD.  
NIAGARA FALLS, NY 14050-1100

Customer : SEE GENERATOR

Vehicle # : W00471

Lic Plate:

CECOS

Manifest # :

PO #:

Transporter: BFC

Source Cd :

Comment : BUFFALO FUEL

Operator: PAM SCOTT

Scale In # : 1

Scale Out # : 1

Gross Wt : 38.64

Tare Wt: 16.69

Net Wt: 21.95 t

Item	Descr	Bill Qty	\$/Unit	Extended
SPC	SPC	21.95 t		

W00471  
202508

Drive Safely!!!!  
School is in session

SIGNATURE: *[Signature]*

Post-It™ brand fax transmittal memo 7671 # of pages > 2

To <i>Doug Russett</i>	From <i>Mike Carlton</i>
Co. <i>BBL</i>	Co. <i>CECOS</i>
Dept.	Phone #
Fax # <i>292-6715</i>	Fax # <i>282-6073</i>



CECOS

No.: 001218

CECOS INTERNATIONAL, INC.  
5600 NIAGARA FALLS BLVD.  
NIAGARA FALLS, NY 14304

Date : 09-09-99 Time In: 08:28:35 Time Out: 10:10:40  
Ticket # : A03577 CMS # : 0000042 LMS # : 0000100  
Customer : SEE GENERATOR

Vehicle # : 000461 Lic Plate:  
CECOS

Manifest # : PO # : Transporter: BFC

Source Cd : Comment : BUFFALO FUEL Operator: FAM SCOTT

Scale In # : 1 Scale Out # : 1  
Gross Wt : 38.91 Tare Wt: 18.06 Net Wt: 20.85 t

*60 # 282548*

Item	Descr	Bill Qty	\$/Unit	Extended
SPC	SPC	20.85 t		

=====  
Drive Safely!!!!  
School is in session

SIGNATURE: *X [Signature]*

▽  
de maximis, inc.

10243 Sunrise Place  
Bainbridge Island, WA 98110  
(206) 780-6852  
(206) 780-6872 FAX

APRIL-JUNE 1999  
John ST  
PYR  
7/23  
jstrany  
OK, 7/29/99

Via Facsimile and First Class Mail

July 9, 1999

I currently don't  
send approval of  
report to P. Simmons  
or M. Valentine of  
de maximis.  
jvs

Ms. Patricia Simmons  
Central New York Remedial Section  
New York Remediation Branch  
Emergency and Remedial Response Division  
U.S. Environmental Protection Agency, Region II  
20<sup>th</sup> Floor, 290 Broadway  
New York, NY 10007

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

Dear Ms. Simmons:

The July 1999 Quarterly Progress Report is submitted under Consent Decree 98-CV0112NPMGJD for operation, maintenance and long-term monitoring activities at the PAS Site in Oswego, New York (Consent Decree) is attached. This attached Progress Report, which covers the period April 1999 through June 1999, conforms with the requirements of Paragraph 30 of the Consent Decree, which was entered on August 10, 1998.

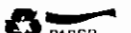
If you have any questions, please call me at (206) 780-6852.

Sincerely,  
de maximis, inc.

Mark Valentine



cc: Performing Settling Defendants  
J. Singerman, U.S. EPA Region II  
G. Rider, NYSDEC, Division of Hazardous Waste Remediation  
C. Branagh, NYSDEC, Region 7 Office  
R. Heerkens, NYDOH, Office of Public Health  
L. McBurney, BBLES  
L. McTiernan, Roux



## **QUARTERLY PROGRESS REPORT** **Pollution Abatement Services Site - Oswego, New York**

**JULY 9, 1999**

**PROJECT NAME:** Pollution Abatement Services Site  
Oswego, New York  
Operation, Maintenance and Long-Term Monitoring Activities

**PERIOD COVERED:** APRIL - JUNE 1999

### **ACTIONS TAKEN TOWARD COMPLIANCE DURING PREVIOUS QUARTER (APR - JUN 1999):**

- Conducted leachate removal activities at the site in accordance with the USEPA-approved Operation, Maintenance and Long-term Monitoring Plan (OMMP) (BBL Environmental Services, 1998). BBL Environmental Services (BBLES) removed a total of 62,361 gallons of leachate during the second quarter of 1999. Five leachate removal events were conducted during the quarter. Specific quantities of leachate removed during each month, along with removal dates and manifest numbers, are described in this progress report under the section entitled Documentation of Removal Activities. Subsequent to each removal event, leachate and ground water were disposed of at the BFI/CECOS treatment and disposal facility in Niagara Falls, New York. BBL Environmental Services (BBLES) coordinated the leachate removal program. Buffalo Fuels Corporation was the transportation subcontractor.
- BBLES performed operational ground-water elevation monitoring (includes SWW- and LCW-series wells) at the site on April 5 and 19, May 3 and 17, and June 8 and 21 in accordance with the OMMP. Leachate quality samples were collected from leachate collection wells LCW-2 and LCW-4 as part of operational monitoring activities conducted at the site the first week of May 1999.
- Semi-annual monitoring activities were conducted at the site on May 3 and 4, 1999. In addition to the operational monitoring described above, the semi-annual monitoring included collection of ground-water quality samples from Long-Term Monitoring (LTM) wells LR-6, LR-8, M-21, M-25, and M-26 and surface water levels from locations in the adjacent creeks as specified in the OMMP. The results of the LTM well sampling are provided in Figure 3 as attached.
- BBLES performed routine quarterly maintenance activities on May 19, 1999, including inspection of spill control materials, trimming of the vegetation adjacent to the french drains and drainage trough, and the removal of silt from the drainage trough. In addition, on June 7, 1999 the cap was mowed and string trimming of the fenceline along East Seneca Street was conducted. The mown grass was subsequently removed from the concrete drainage trough. Other maintenance activities performed included covering the equipment storage shed siding with a waterproof stain and replacing the doors on the leachate storage tank building and staining them with waterproofing. These maintenance activities were performed in accordance with the approved OMMP.
- BBLES initiated procurement of replacement pumps for leachate collection wells LCW-1 and LCW-3 as the existing Gorman-Rupp pumps in these well locations were operating inefficiently. Specifically BBLES ordered two Grundfos stainless steel submersible pumps (Model No. 40-S-20-7) to replace the existing Gorman-Rupp pumps in the LCW-1 and LCW-3.



**ACTION ITEMS FOR FOLLOWING QUARTER (JUL - SEP 1999):**

- Leachate removal activities will be performed in July, August and September 1999 in accordance with the OMMP. Table 1 provides a schedule for operation and monitoring activities for the period July through September 1999 (In addition, the tentative schedule for operation and monitoring activities for the period October through November 1999 is also shown on Table 1.) The planned leachate removal activities include pumping 15,000 gallons of leachate during the first week of the month, or whatever volume can be efficiently removed during a one-day pumping event, up to 15,000 gallons. The ground-water slurry wall wells and leachate wells will be monitored during the beginning of the third week of the month. If the leachate elevations measured during the third week indicate that an additional 10,000 gallons of removable leachate has accumulated in the trenches, then a contingency removal event will be promptly scheduled to remove the 10,000 gallons of additional leachate.
- BBLES will perform routine maintenance activities including inspection of spill control materials, site perimeter fence, french drains and concrete drainage trenches. The french drains and concrete drainage trenches will be cleared of vegetation, as necessary. These maintenance activities will be performed in accordance with the OMMP.
- As discussed with USEPA, BBLES will install two new leachate collection pumps (Grundfos Model No. 40-S-20-7) during the third week of July. As noted above, these pumps will replace the existing pumps in leachate collection wells LCW-1 and LCW-3. Information on the leachate replacement pumps is presented in Attachment 6.

**ANTICIPATED DELAYS/PROBLEMS:**

- The Performing Settling Defendants (PSDs) are waiting for USEPA's approval of the Environmental Protection Easement and Restrictive Covenant to be used in obtaining institutional controls for the Site. The PSDs will proceed with best efforts to obtain institutional controls in accordance with the Consent Decree upon USEPA approval of the Environmental Protection Easement and Restrictive Covenant.

**RESULTS OF FIELD ACTIVITIES:**

- Ground-water elevation data collected on April 5 and 19, May 3 and 17, and June and 21, 1999 are attached (Attachment 1).
- The routine leachate disposal and inspection checklists are attached (Attachment 2).
- The analytical results of the semi-annual monitoring of the LTM wells are attached (Attachment 5).

**DOCUMENTATION OF REMOVAL ACTIVITIES:**

- Hazardous Waste Manifests and Gallons Removed (Attachment 3)
- Waste Treatment/Disposal Certification (Attachment 4)

• **MONTHLY REMOVAL QUANTITIES**

The monthly leachate removal events are summarized in the following.

April 1999

Manifest #	Amount (gal)	Date Removed
NYB5664645	6,378	4/7/99
NYB5664654	5,829	4/7/99
NYB5664663	5,139	4/7/99
NYB5664672	5,494	4/21/99
NYB5664717	5,269	4/21/99

*April 1999 Total = 28,109 gallons*

May 1999

Manifest #	Amount (gal)	Date Removed
NYB5664681	5,178	5/5/99
NYB5664708	5,238	5/5/99
NYB5664726	3,151	5/5/99

*May 1999 Total = 13,567 gallons*

June 1999

Manifest #	Amount (gal)	Date Removed
NYB5664735	5,149	6/9/99
NYB5664744	5,080	6/9/99
NYB5664753	5,288	6/23/99
NYB5664771	5,168	6/23/99

*June 1999 Total = 20,685 gallons*

• **CUMULATIVE REMOVAL QUANTITIES**

Cumulative gallons removed during quarter under OMMP (April thru June 1999) 62,361 gal

**HISTORICAL SUMMARY OF LEACHATE REMOVAL ACTIVITIES**

<i>Order/Decree</i>	<i>Disposal Facility/Period</i>	<i>Quantities</i>
<b>1991 IGR Order (2/92 - 10/94)</b>	<i>DuPont:</i>	
	<i>1992 (2/98 - 12/98)</i>	221,808
	<i>1993</i>	337,619
	<i>1994 (1/94-10/94)</i>	<u>254,898</u>
	<i>Subtotal</i>	814,325
<b>1994 IGR Order (10/94 - 10/98)</b>	<i>DuPont:</i>	
	<i>1994 (From 10/94)</i>	50,683
	<i>1995</i>	279,164
	<i>1996 (To 5/96)</i>	<u>119,901</u>
	<i>Subtotal (To 5/96)</i>	449,748
	<i>BFI/CECOS:</i>	
	<i>1996</i>	163,446
	<i>1997</i>	269,371
	<i>1998 (1/98-10/98)</i>	<u>207,541</u>
	<i>Subtotal</i>	<u>640,358</u>
	<i>94 IGR Order Total</i>	1,090,106
<b>Final IGR Total</b>		<b>1,904,431</b>
<b>OMM Consent Decree (Beginning 11/98)</b>	<i>BFI/CECOS:</i>	
	<i>1998 (11/98-12/98)</i>	18,423
	<i>1999 (Previous)</i>	41,820
	<i>1999 (4/99 - 6/99)</i>	<u>62,361</u>
	<i>OMM Subtotal</i>	122,604
<b>GRAND TOTAL</b>		<b>2,027,035</b>



**DOCUMENTATION OF DISPOSAL ACTIVITIES:**

- Documentation of leachate treatment and disposal at the BFI/CECOS facility in Niagara Falls, New York is provided in the following.

**April 1999**

BFI/CECOS Work Order Number	Manifest #	Date Disposed
282061	NYB5664645	4/7/99
282062	NYB5664654	4/7/99
282239	NYB5664663	4/7/99
282240	NYB5664672	4/21/99
282241	NYB5664717	4/21/99

**May 1999**

BFI/CECOS Work Order Number	Manifest #	Date Disposed
282340	NYB5664681	5/5/99
282341	NYB5664708	5/5/99
282342	NYB5664726	5/5/99

**June 1999**

BFI/CECOS Work Order Number	Manifest #	Date Disposed
282343	NYB5664735	6/9/99
282344	NYB5664744	6/9/99
282390	NYB5664753	6/23/99
282391	NYB5664771	6/23/99

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

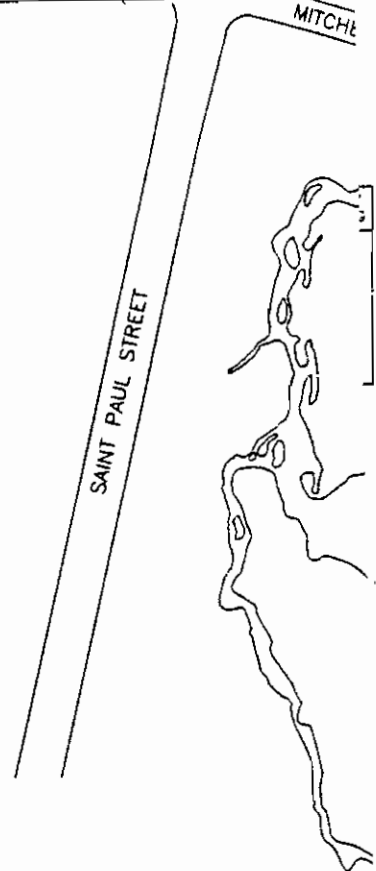
TABLE 1 - OPERATION AND MONITORING SCHEDULE

OPERATION AND MONITORING SCHEDULE - PAS OSWEGO SUPERFUND SITE												
	Jul 1999 Removal Events		Aug 1999 Removal Events		Sep 1999 Removal Events		Oct 1999 Removal Events		Nov 1999 Removal Events		Dec 1999 Removal Events	
	First Event	Cont. Event	First Event	Cont. Event	First Event	Cont. Event	First Event	Cont. Event	First Event	Cont. Event	First Event	Cont. Event
Pre-Pump Monitoring	Jul 6	Jul 19	Aug 2	Aug 16	Sep 7	Sep 20	Oct 4	Oct 18	Nov 1	Nov 15	Dec 6	Dec 20
Semi-Annual Monitoring									Nov 1			
Leachate Removal Schedule	Jul 7	Jul 21	Aug 4	Aug 18	Sep 8	Sep 22	Oct 6	Oct 20	Nov 3	Nov 17	Dec 8	Dec 22

**Notes:**

- Water levels in all LCW-series and SWW-series wells monitored monthly. Water levels in all M-series and LR-series wells monitored quarterly. Stream water levels monitored semi-annually.
- Water quality monitored in all LTM-wells (LR-6, LR-8, M-21, M-25 and M-26) semi-annually. Leachate quality in leachate collection wells (LCW-2 and LCW-4) monitored semi-annually. Sediment quality monitored annually during the fall.
- Leachate will be removed from LCW-series wells as necessary based on pre-pumping water level measurements collected from SWW-series wells. Contingency removal events only conducted if monitoring results collected typically during the third week of the month indicates sufficient leachate volume (i.e., 10,000 gallons) has accumulated in the collection trenches as required by the Operation, Maintenance and Long-Term Monitoring Plan.

LR-6	NOV 1989	MAY 1990	NOV 1990	MAY 1991	NOV 1991	MAY 1992	NOV 1992	MAY 1993	NOV 1993	MAY 1994
BENZENE	2J	ND	1J	NO	ND	ND	ND	ND	ND	ND
TOLUENE	2J	2J	2J	ND	ND	ND	ND	ND	ND	ND
ETHYLBENZENE	1J	ND	1J	0.3J	ND	ND	ND	ND	ND	ND
XYLENES (TOTAL)	1J	ND	3J	ND	ND	ND	ND	ND	ND	ND
CHLOROBENZENE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-DICHLOROETHANE	48	67	49	34	33	14	12	8	10	8



**EXPLANATION**

LR-6 ● LOCATION AND DESIGNATION OF EXISTING BEDROCK MONITORING WELL

OD-1 ● LOCATION AND DESIGNATION OF ABANDONED BEDROCK MONITORING WELL

———— FENCE (SITE BOUNDARY)

----- SLURRY WALL

▲ ▲ LAND AREAS SUBJECT TO FREQUENT, SHALLOW INUNDATION

— DESIGNATION OF SAMPLING LOCATION

— DATE OF SAMPLING EVENT (R=REPLICATE)

M-25	AUG 1994	MAY 1996	NOV 1996	MAY 1997
BENZENE	4J	9	ND	12
TOLUENE	ND	ND	ND	ND
ETHYLBENZENE	ND	ND	ND	ND
XYLENES (TOTAL)	ND	ND	ND	ND
CHLOROBENZENE	1J	3J	ND	8
1,1-DICHLOROETHANE	ND	2J	4J	ND

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

ND -- NOT DETECTED

J -- ESTIMATED CONCENTRATION (LESS THAN SAMPLE QUANTITATION LIMIT)

D -- CONCENTRATION CALCULATED FROM SECONDARY DILUTION

B -- COMPOUND DETECTED IN QUALITY CONTROL BLANKS

**NOTES:**

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., INC. (DEC. 1994), TITLED "BORING, WELL & TEST PIT PLOT PLAN."

2. ANALYTICAL DATA PRIOR TO AUGUST 1994 OBTAINED FROM GOLDER ASSOCIATES, INC. (1993a) AND URS COMPANY, INC. (1994)

3. FIGURE PROVIDED BY ROUX ASSOCIATES, INC. (PROJECT No. 32702M06, FILE D0610002, DATED 3/98) AND PREVIOUSLY PRESENTED IN "REVIEW OF INTERIM GROUNDWATER REMOVAL AND LONG-TERM MONITORING PROGRAM DATA FOR PAS SITE" (MARCH 1998).



LR-6	NOV 1989	MAY 1990	NOV 1990	MAY 1991	NOV 1991	MAY 1992	NOV 1992	MAY 1993	NOV 1993
BENZENE	100	32	55	87	84	82	82	84	45
TOLUENE	12	11	138	9J	3J	18J	2J	7	0.6J
ETHYLBENZENE	150	69	93	110	55	24	28	87	2J
XYLENES (TOTAL)	380	200	310	370	1900	2700	370	3900	120
CHLOROBENZENE	23	7	13	16	18	22	23	22B	10
1,1-DICHLOROETHANE	ND	ND	ND	ND	NO	ND	NO	ND	ND

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

**HISTORICAL CONCENTRATIONS OF VOCs  
OF CONCERN DETECTED IN CONSENT  
DECREE WELLS (1989-1999)**

L: ON=\*, OFF=REF  
P: STD=PCP/BL  
7/1/99 SYR-34-RCB  
34619104/34619001.DWG

**BBL**

BLASLAND, BOUCK & LEE, INC.  
engineers & scientists

FIGURE  
**3**

# ***Attachment 1***

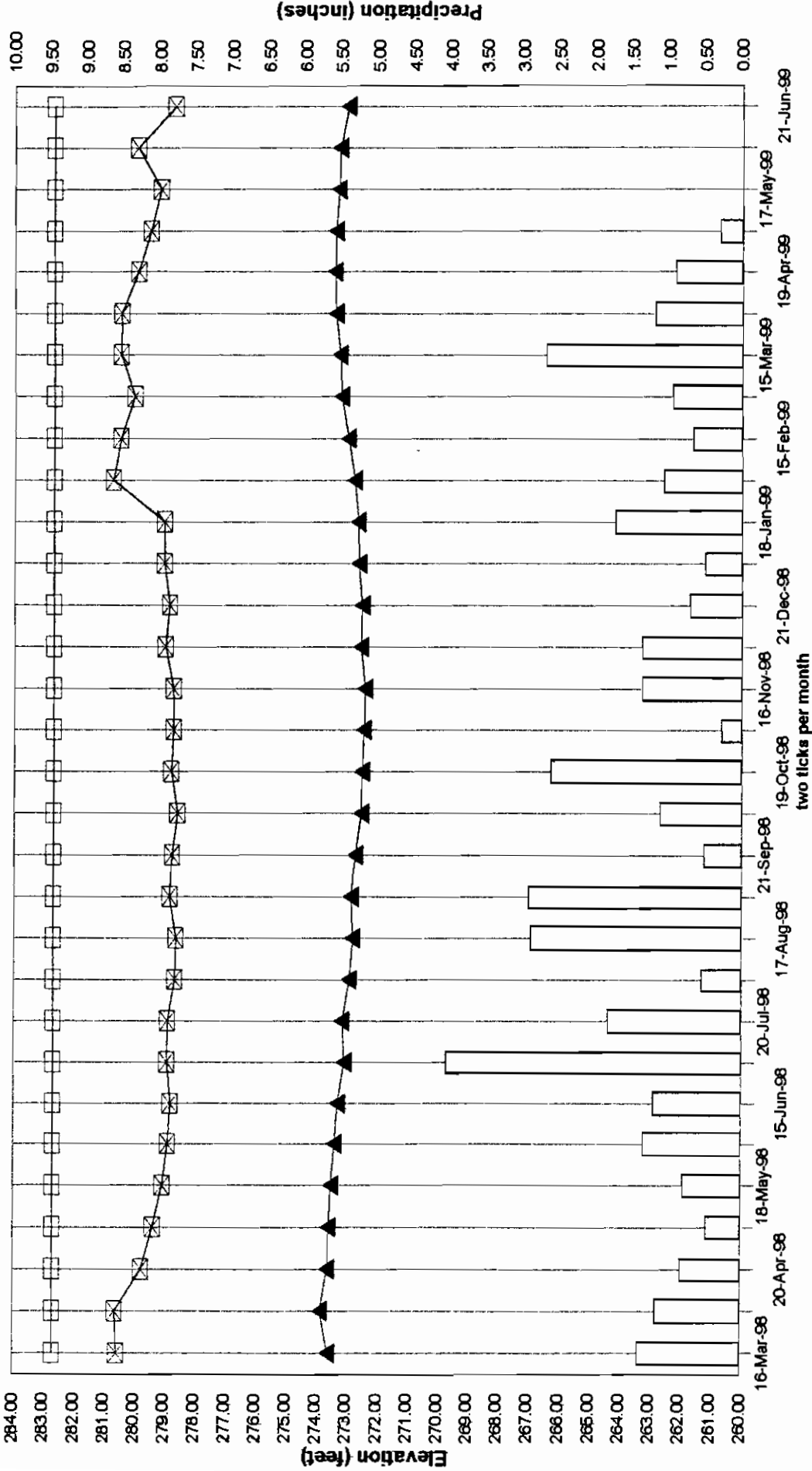
**BBL ENVIRONMENTAL SERVICES, INC.**

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## ***Ground-Water Elevation Data***

# PAS - OSWEGO

## GROUNDWATER ELEVATIONS (SWW1 & SWW2)

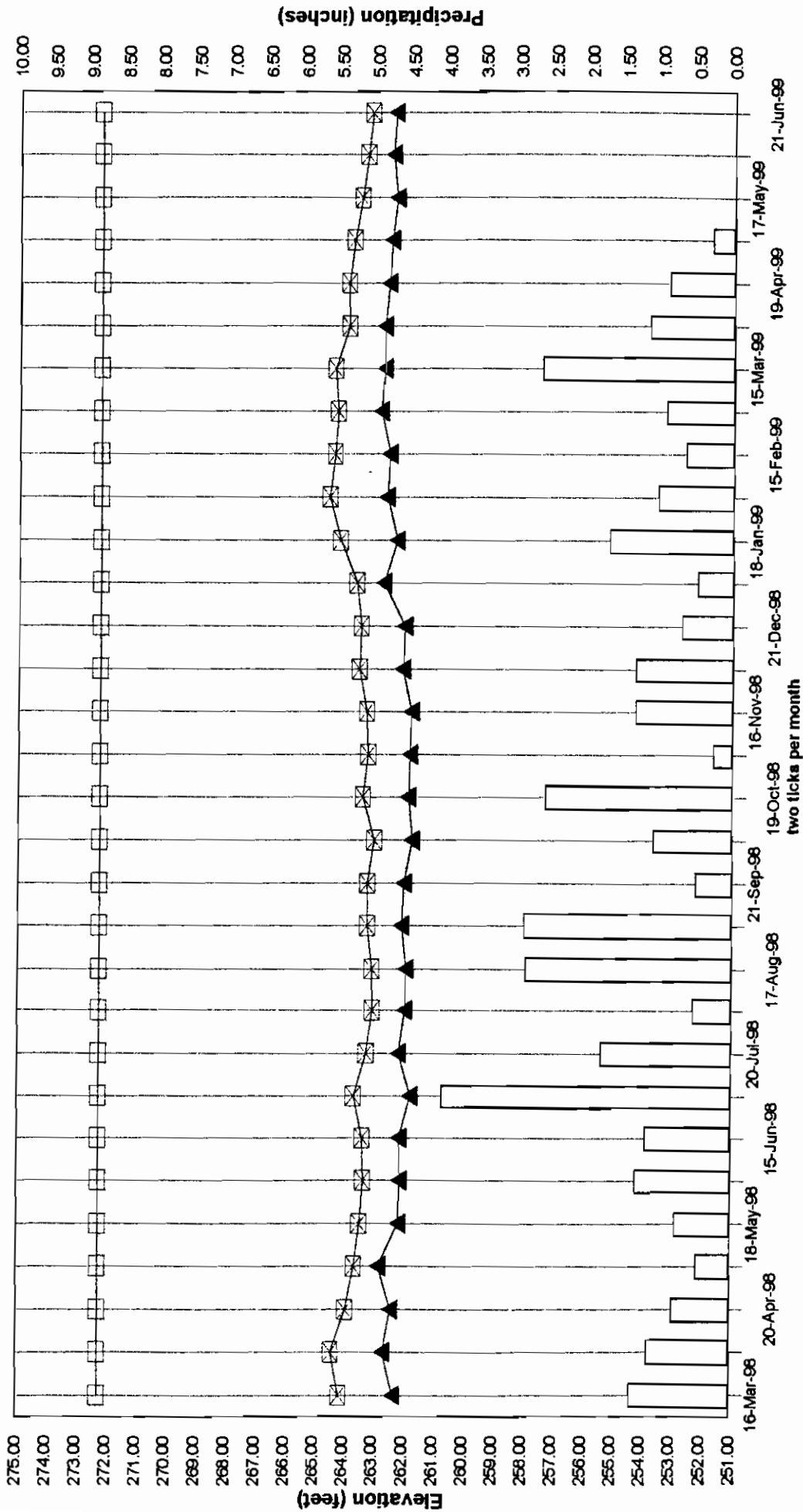


PREPARED by de maximis  
6/28/99

SLURRY WALL    
  SWW 1 (Outside)    
  SWW 2 (Inside)    
  Precipitation

# PAS - OSWEGO

## GROUNDWATER ELEVATIONS (SWW5 & SWW6)



PREPARED by de maximis  
6/28/99

Precipitation

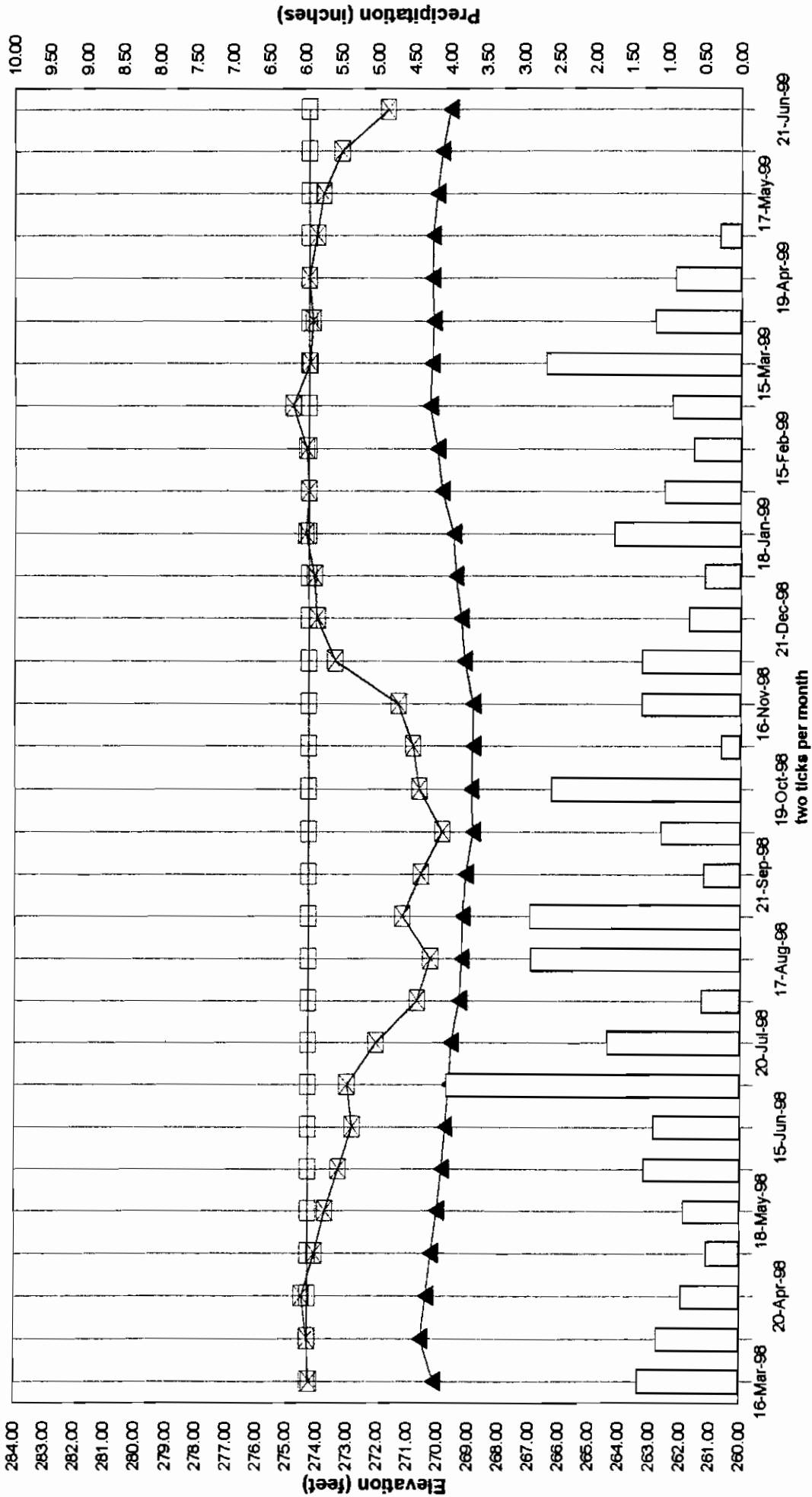
SWW 6 (Outside)

SWW 5 (Inside)

SLURRY WALL

# PAS - OSWEGO

## GROUNDWATER ELEVATIONS (SWW7 & SWW8)

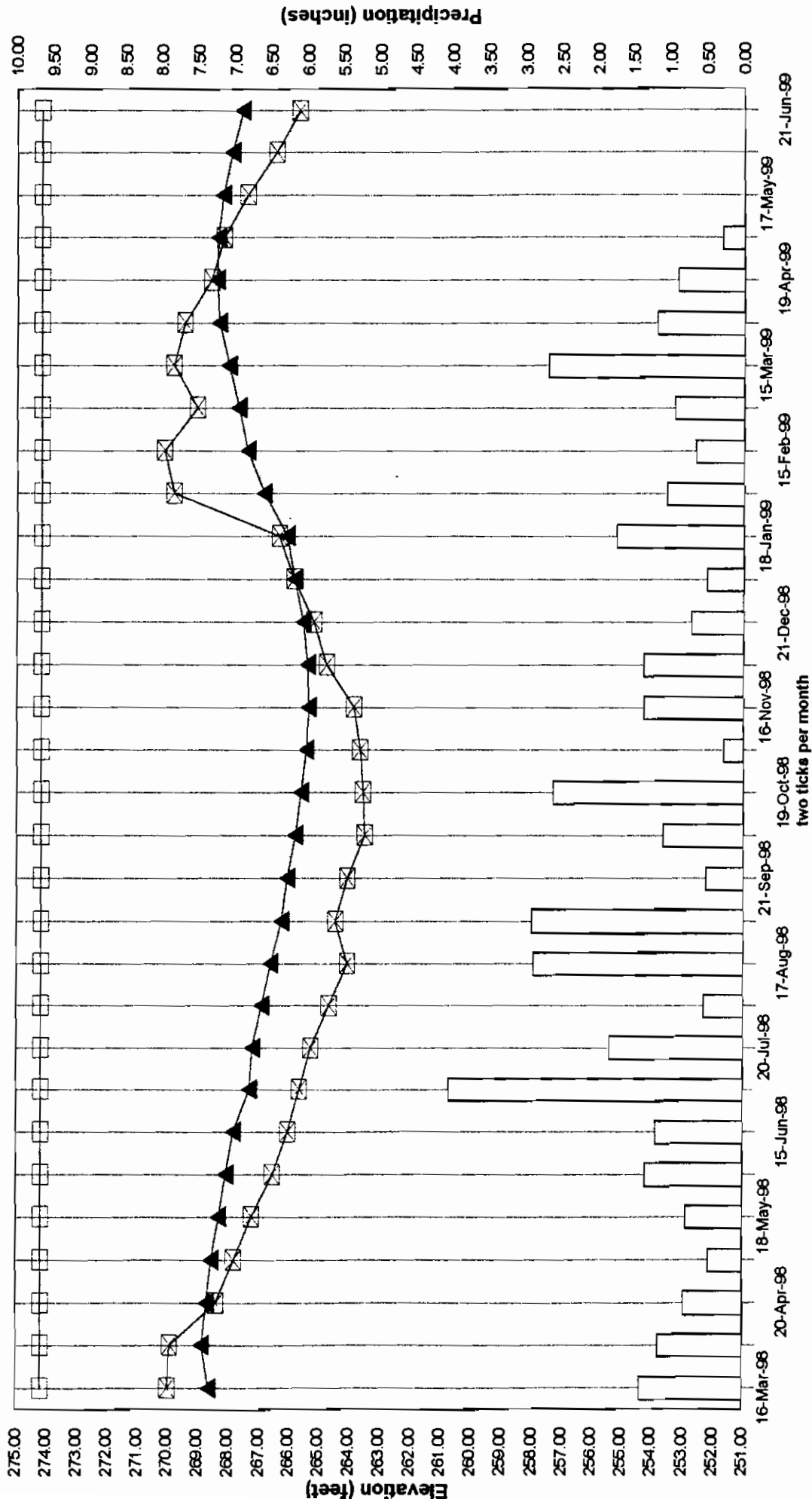


PREPARED by de maximis  
6/28/99

SLURRY WALL    
  SWW 7 (Inside)    
  SWW 8 (Outside)    
  Precipitation

# PAS - OSWEGO

## GROUNDWATER ELEVATIONS (SWW9 & SWW10)



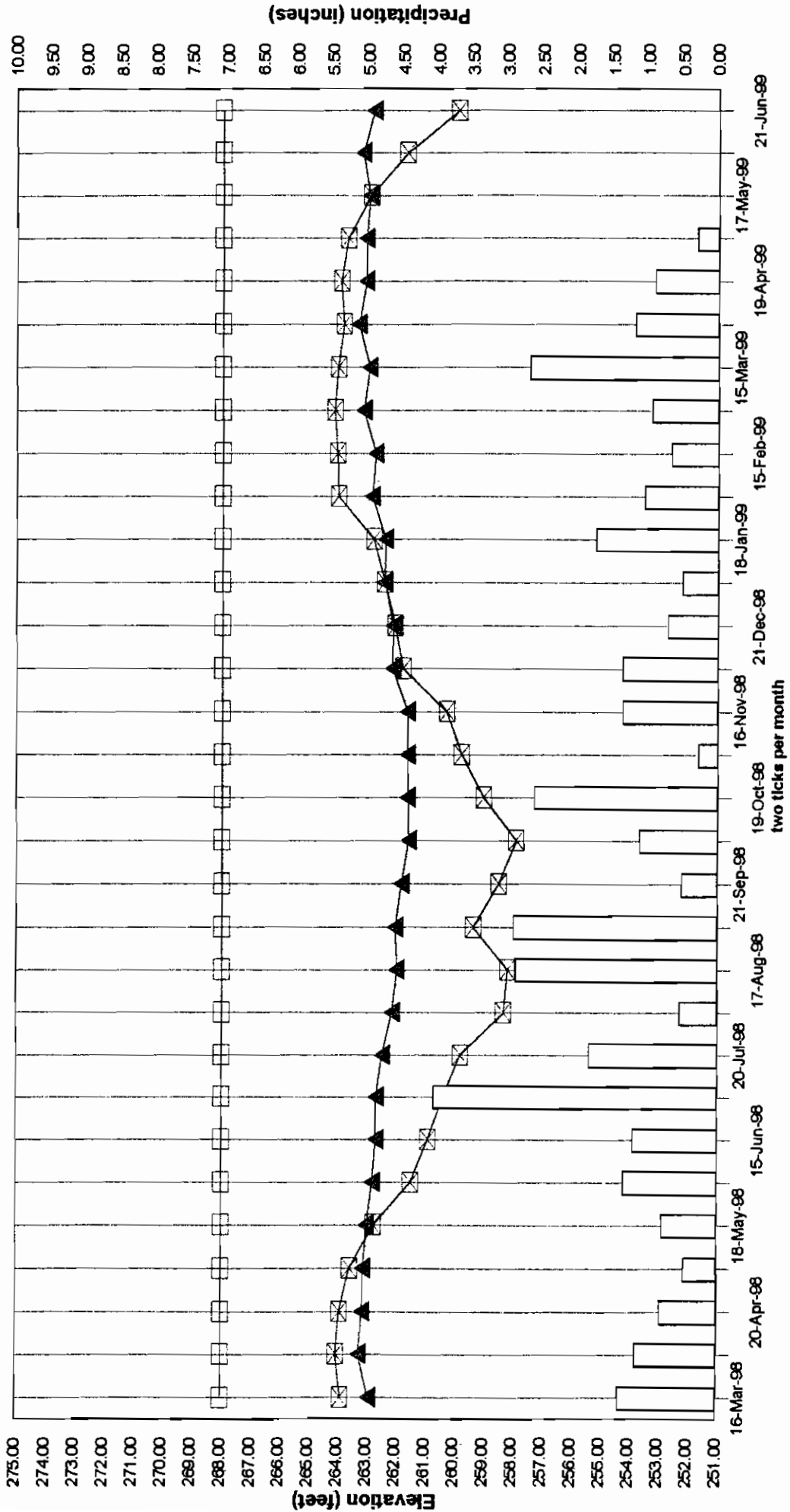
PREPARED by de maximis  
6/28/99

- □ — SLURRY WALL
- ▲ — SWW 9 (Inside)
- ▣ — SWW 10 (Outside)
- ▨ — Precipitation

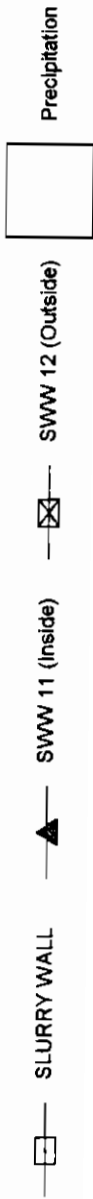


# PAS - OSWEGO

## GROUNDWATER ELEVATIONS (SWW11 & SWW12)



PREPARED by de maximis  
6/28/99



**BBL Environmental Services, Inc.**  
**PAS Site**  
**Oswego, New York**  
**Pre-Pumping Monitoring Well Levels**

04/05/99

06:45 AM

Well Number	Ground Elevation	Riser Elevation	DTW During Previous Event	Reading 1	Reading 2	Acceptable Range for DTW		Within Range?		Ground-Water Elevation	Reading 3
						Yes	No	Yes	No		
SWW1	286.20	289.33	8.82	8.84	8.84	8.07 to 9.78	x		280.49		
SWW2	286.30	289.37	16.09	15.96	15.96	15.59 to 17.09	x		273.41		
SWW3	286.00	286.50	17.20	17.07	17.07	16.70 to 17.93	x		269.43		
SWW4	282.90	283.60	14.86	14.65	14.65	13.85 to 15.83	x		268.95		
SWW5	275.90	277.02	14.26	14.25	14.25	13.63 to 14.94	x		262.77		
SWW6	270.90	273.06	8.63	9.10	9.10	7.95 to 9.23	x		263.96		
SWW7	273.30	277.93	7.69	7.74	7.74	7.13 to 8.53	x		270.19		
SWW8	275.70	278.24	3.97	4.06	4.06	2.91 to 4.47	x		274.18		
SWW9	283.30	285.55	17.52	17.20	17.20	17.02 to 19.19	x		268.35		
SWW10	279.30	280.43	10.60	10.95	10.95	9.80 to 11.87	x		269.48		
SWW11	271.00	273.50	10.53	10.15	10.15	9.83 to 11.24	x		263.35		
SWW12	270.20	272.82	8.77	8.96	8.96	8.16 to 9.29	x		263.86		
LCW-1	271.40	272.21	11.32	9.99	9.99	9.95 to 11.99	x		262.22		
LCW-2	272.60	274.44	13.65	12.23	12.23	12.18 to 14.23	x		262.21		
LCW-3	283.30	284.36	18.59	18.84	18.84	18.09 to 19.67	x		265.52		
LCW-4	283.80	285.70	21.17	19.94	19.94	19.71 to 21.67	x		265.76		

**BBL Environmental Services, Inc.**  
**PAS Site**  
**Oswego, New York**

**Pre-Pumping Monitoring Well Levels - Contingency Event**

**04/19/99**

**07:00 AM**

Well Number	Ground Elevation	Riser Elevation	DTW During Previous Event	Reading 1	Reading 2	Acceptable Range for DTW	Within Range?		Ground-Water Elevation	Reading 3
							Yes	No		
SWW1	286.20	289.33	8.84	9.41	9.41	8.07 to 9.78	x		279.92	
SWW2	286.30	289.37	15.96	15.91	15.91	15.59 to 17.09	x		273.46	
SWW3	286.00	286.50	17.07	17.17	17.17	16.70 to 17.93	x		269.33	
SWW4	282.90	283.60	14.65	15.69	15.69	13.85 to 15.83	x		267.91	
SWW5	275.90	277.02	14.25	14.40	14.40	13.63 to 14.94	x		262.62	
SWW6	270.90	273.06	9.10	9.07	9.07	7.95 to 9.23	x		263.99	
SWW7	273.30	277.93	7.74	7.70	7.70	7.13 to 8.53	x		270.23	
SWW8	275.70	278.24	4.06	3.94	3.94	2.91 to 4.47	x		274.30	
SWW9	283.30	285.55	17.20	17.13	17.13	17.02 to 19.19	x		268.42	
SWW10	279.30	280.43	10.95	11.82	11.82	9.80 to 11.87	x		268.61	
SWW11	271.00	273.50	10.15	10.41	10.41	9.83 to 11.24	x		263.09	
SWW12	270.20	272.82	8.96	8.86	8.86	8.16 to 9.29	x		263.96	
LCW-1	271.40	272.21	9.99	11.13	11.13	9.95 to 11.99	x		261.08	
LCW-2	272.60	274.44	12.23	13.37	13.37	12.18 to 14.23	x		261.07	
LCW-3	283.30	284.36	18.84	18.70	18.70	18.09 to 19.67	x		265.66	
LCW-4	283.80	285.70	19.94	20.75	20.75	19.71 to 21.67	x		264.95	

BBL Environ. tal Services, Inc.  
PAS Site  
Oswego, New York  
Pre-Pumping Monitoring Well Levels  
05/03/99  
06:30 AM

Well Number	Ground Elevation	Riser Elevation	DTW During Previous Event	Reading 1	Reading 2	Acceptable Range for DTW		Within Range?		Ground-Water Elevation	Reading 3
						Yes	No	Yes	No		
SWW1	286.20	289.33	8.84	9.80	9.80	8.32 to 9.91	x		279.53		
SWW2	286.30	289.37	15.96	15.95	15.95	15.41 to 16.65	x		273.42		
SWW3	286.00	286.50	17.07	17.29	17.29	16.57 to 17.83	x		269.21		
SWW4	282.90	283.60	14.65	16.09	16.09	14.15 to 16.19	x		267.51		
SWW5	275.90	277.02	14.25	14.48	14.48	13.63 to 14.90	x		262.54		
SWW6	270.90	273.06	9.10	9.26	9.26	8.13 to 9.60	x		263.80		
SWW7	273.30	277.93	7.74	7.73	7.73	7.13 to 8.24	x		270.20		
SWW8	275.70	278.24	4.06	4.20	4.20	2.91 to 4.56	x		274.04		
SWW9	283.30	285.55	17.20	17.16	17.16	16.63 to 18.35	x		268.39		
SWW10	279.30	280.43	10.95	12.23	12.23	10.10 to 12.32	x		268.20		
SWW11	271.00	273.50	10.15	10.41	10.41	9.65 to 11.03	x		263.09		
SWW12	270.20	272.82	8.96	9.10	9.10	8.16 to 9.46	x		263.72		
ICW-1	271.40	272.21	9.99	11.31	11.31	9.49 to 11.82	x		260.90		
ICW-2	272.60	274.44	12.23	13.54	13.54	11.73 to 14.15	x		260.90		
ICW-3	283.30	284.36	18.84	18.85	18.85	18.09 to 19.57	x		265.51		
ICW-4	283.80	285.70	19.94	20.85	20.85	19.44 to 21.67	x		264.85		
LR-2	287.50	289.85	14.53	13.97	13.97	14.03 to 15.03		x	275.88	13.97	
LR-3	275.50	278.06	10.59	9.08	9.08	14.03 to 15.03		x	268.98	9.08	
LR-6	270.90	274.39	12.27	11.17	11.17	11.77 to 12.77		x	263.22	11.17	
LR-8	270.00	273.42	12.15	10.89	10.89	10.09 to 11.09	x		262.53		
M-21	270.28	272.32	11.64	10.37	10.37	11.14 to 12.14		x	261.95	10.37	
M-22	270.40	273.88	12.68	11.10	11.10	12.18 to 13.18		x	262.78	11.10	
M-23	267.98	270.49	13.55	12.85	12.85	13.05 to 14.05		x	257.64	12.85	
M-24	276.49	277.94	17.18	15.64	15.64	16.68 to 17.68		x	262.30	15.64	
M-25	264.56	265.84	9.01	8.18	8.18	11.77 to 12.77		x	257.66	8.18	
M-26	271.85	273.38	14.98	11.91	11.91	14.48 to 15.48		x	261.47	11.91	

U:\PAS\5\_99\050399.WB2

**BBL Environmental Services, Inc.**  
**PAS Site**  
**Oswego, New York**

**Pre-Pumping Monitoring Well Levels - Contingency Event**

**05/17/99**

**06:30 AM**

Well Number	Ground Elevation	Riser Elevation	DTW During Previous Event	Reading 1	Reading 2	Acceptable Range for DTW		Within Range?		Ground-Water Elevation	Reading 3
						Yes	No	Yes	No		
SWW1	286.20	289.33	9.80	10.14	10.14	8.32 to 9.91			x	279.19	10.14
SWW2	286.30	289.37	15.95	16.05	16.05	15.41 to 16.65	x			273.32	
SWW3	286.00	286.50	17.29	17.42	17.42	16.57 to 17.83	x			269.08	
SWW4	282.90	283.60	16.09	16.58	16.58	14.15 to 16.19			x	267.02	16.58
SWW5	275.90	277.02	14.48	14.64	14.64	13.63 to 14.90	x			262.38	
SWW6	270.90	273.06	9.26	9.51	9.51	8.13 to 9.60	x			263.55	
SWW7	273.30	277.93	7.73	7.85	7.85	7.13 to 8.24	x			270.08	
SWW8	275.70	278.24	4.20	4.40	4.40	2.91 to 4.56	x			273.84	
SWW9	283.30	285.55	17.16	17.32	17.32	16.63 to 18.35	x			268.23	
SWW10	279.30	280.43	12.23	13.00	13.00	10.10 to 12.32			x	267.43	13.00
SWW11	271.00	273.50	10.41	10.52	10.52	9.65 to 11.03	x			262.98	
SWW12	270.20	272.82	9.10	9.89	9.89	8.16 to 9.46			x	262.93	9.89
LCW-1	271.40	272.21	11.31	11.51	11.51	9.49 to 11.82	x			260.70	
LCW-2	272.60	274.44	13.54	13.78	13.78	11.73 to 14.15	x			260.66	
LCW-3	283.30	284.36	18.85	18.99	18.99	18.09 to 19.57	x			265.37	
LCW-4	283.80	285.70	20.85	21.49	21.49	19.44 to 21.67	x			264.21	

**BBL Environmental Services, Inc.**  
**PAS Site**  
**Oswego, New York**  
**Pre-Pumping Monitoring Well Levels**

06/08/99  
09:45 AM

Well Number	Ground Elevation	Riser Elevation	DTW During Previous Event	Reading 1	Reading 2	Acceptable Range for DTW		Within Range?		Ground-Water Elevation	Reading 3
						Yes	No	Yes	No		
SWW1	286.20	289.33	10.14	9.38	9.38	8.34 to 10.64	x			279.95	
SWW2	286.30	289.37	16.05	16.08	16.08	15.41 to 16.55	x			273.29	
SWW3	286.00	286.50	17.42	17.31	17.31	16.57 to 17.92	x			269.19	
SWW4	282.90	283.60	16.58	16.62	16.62	14.15 to 17.08	x			266.98	
SWW5	275.90	277.02	14.64	14.52	14.52	13.75 to 15.14	x			262.50	
SWW6	270.90	273.06	9.51	9.71	9.71	8.57 to 10.01	x			263.35	
SWW7	273.30	277.93	7.85	8.02	8.02	7.20 to 8.35	x			269.91	
SWW8	275.70	278.24	4.40	5.02	5.02	3.44 to 4.90		x		273.22	5.02
SWW9	283.30	285.55	17.32	17.61	17.61	16.63 to 17.82	x			267.94	
SWW10	279.30	280.43	13.00	13.96	13.96	10.45 to 13.50		x		266.47	13.96
SWW11	271.00	273.50	10.52	10.29	10.29	9.65 to 11.02	x			263.21	
SWW12	270.20	272.82	9.89	11.13	11.13	8.36 to 10.39		x		261.69	11.13
LCW-1	271.40	272.21	11.51	10.01	10.01	9.49 to 12.01	x			262.20	
LCW-2	272.60	274.44	13.78	13.16	13.16	11.73 to 14.28	x			261.28	
LCW-3	283.30	284.36	18.99	19.01	19.01	18.20 to 19.49	x			265.35	
LCW-4	283.80	285.70	21.49	20.83	20.83	19.44 to 21.99	x			264.87	

**BBL Environmental Services, Inc.**  
**PAS Site**  
**Oswego, New York**

**Pre-Pumping Monitoring Well Levels - Contingency Event**

**06/21/99**

**06:30 AM**

Well Number	Ground Elevation	Riser Elevation	DTW During Previous Event	Reading 1	Reading 2	Acceptable Range for DTW	Within Range?		Ground-Water Elevation	Reading 3
							Yes	No		
SWW1	286.20	289.33	9.38	10.63	10.63	8.34 to 10.64	x		278.70	
SWW2	286.30	289.37	16.08	16.35	16.35	15.41 to 16.55	x		273.02	
SWW3	286.00	286.50	17.31	17.63	17.63	16.57 to 17.92	x		268.87	
SWW4	282.90	283.60	16.62	17.20	17.20	14.15 to 17.08		x	266.40	17.20
SWW5	275.90	277.02	14.52	14.61	14.61	13.75 to 15.14	x		262.41	
SWW6	270.90	273.06	9.71	9.86	9.86	8.57 to 10.01	x		263.20	
SWW7	273.30	277.93	8.02	8.30	8.30	7.20 to 8.35	x		269.63	
SWW8	275.70	278.24	5.02	6.53	6.53	3.44 to 4.90		x	271.71	6.53
SWW9	283.30	285.55	17.61	17.96	17.96	16.63 to 17.82		x	267.59	17.96
SWW10	279.30	280.43	13.96	14.74	14.74	10.45 to 13.50		x	265.69	14.74
SWW11	271.00	273.50	10.29	10.68	10.68	9.65 to 11.02	x		262.82	
SWW12	270.20	272.82	11.13	12.89	12.89	8.36 to 10.39		x	259.93	12.89
LCW-1	271.40	272.21	10.01	10.80	10.80	9.49 to 12.01	x		261.41	
LCW-2	272.60	274.44	13.16	13.03	13.03	11.73 to 14.28	x		261.41	
LCW-3	283.30	284.36	19.01	19.00	19.00	18.20 to 19.49	x		265.36	
LCW-4	283.80	285.70	20.83	20.35	20.35	19.44 to 21.99	x		265.35	

## ***Attachment 2***

**BBL ENVIRONMENTAL SERVICES, INC.**

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# ***Leachate Disposal and Inspection Checklists***



BBL Environmental Services, Inc.

PAS Site  
Oswego, New York

Leachate Disposal Checklist

T. Henson  
38LES Project Personnel  
BFC  
Transportation Subcontractor

4/7/99  
Date  
CECOS  
Leachate Destination

5:55 Am  
Time On-Site

PUMPING RECORD FROM WELLS TO TANK

Well	Leachate Collection Well Pumping		Well Pumping Flow Rate Analysis		Flow Rate Calculation	Remarks
	Start Time	Stop Time	Time	Tank Elev. (Ft. Down)		
LCW-1	600	703			SEE BELOW	INTERMITTANT OPERATION
LCW-2	600	915				↓
W-3	600	804				
JW-4	600	910				

Leachate Holding Tank: USED STICK MEASUREMENT

Initial Flow Meter Reading:  
Final Flow Meter Reading: FLOW METER INOP

AVG PUMP RATE =  $\frac{17,546 \text{ Gals}}{278 \text{ min}} = 63 \text{ GPM}$

PUMPING FROM TANK TO DISPOSAL TRUCK

Load	(Pre-Loading) Tanker		(Post-Loading) Tanker		Destination	Remarks
	Time	Confirmed Clean	Time	Tanker Volume (By Stick Meas.)	Manifest	
Load #1	925	Yes	1100	6,400	CECOS NYB5664645	W.O.# 282061
Load #2	1105	Yes	1220	5,946	CECOS NYB5664654	W.O.# 282062
Load #3	1225	Yes	1345	5,200	CECOS NYB5664663	W.O.# 282239 KING #24
Load #4				17,546		

BBL Environmental Services, Inc.

PAS Site  
Oswego, New York

Site Inspection Checklist

Date: 4/7/99  
Personnel: TJH

Time: 600  
Weather: forecast 51° Very Windy

Site Feature	Previous Inspection Date	Condition/Maintenance/Activity
<b>Cap</b>		
Burrowing Animals	/	
Cap Vegetation	/	
Concrete Drainage Trough	/	
French Drain	/	
Weeds	/	
<b>Leachate Collection System</b>		
Pumps	/	
Pump Controls/Alarms	/	Pump FOR LCW-1 IS STILL INOP.
Tank Level	/	
<b>Monitoring Wells</b>		
Locks	/	
Riser	/	
Surface Completion	/	
<b>General Site Conditions</b>		
Foliage	/	
Perimeter Fence	/	
Site access drive	/	
Stream gauges	/	
<b>Other Items</b>		
Equipment Storage Shed	/	
Fire Extinguisher	/	
Spill Control Materials	/	

REMARKS/SPECIAL MAINTENANCE: (include separate detailed maintenance report, if necessary)

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BBL Environmental Services, Inc.

PAS Site  
Oswego, New York

Leachate Disposal Checklist

T. HENSON  
BLES Project Personnel

4/21/99  
Date

5:30 AM  
Time On-Site

BFC  
Transportation Subcontractor

CECOS  
Leachate Destination

PUMPING RECORD FROM WELLS TO TANK

Well	Leachate Collection Well Pumping		Well Pumping Flow Rate Analysis		Flow Rate Calculation	Remarks
	Start Time	Stop Time	Time	Tank Elev. (Ft. Down)		
LCW-1	6:40	6:50			SEE BELOW	
LCW-2	6:40	9:00				
W-3	6:40	9:07				
JW-4	6:40	9:01				

Leachate Holding Tank: USED STICK MEASUREMENT

Initial Flow Meter Reading:

Final Flow Meter Reading: METER INOP.

AVG PUMP RATE =  $\frac{11,155 \text{ Gals}}{200 \text{ MIN}} = 56 \text{ GPM}$

PUMPING FROM TANK TO DISPOSAL TRUCK

Load	(Pre-Loading) Tanker		(Post-Loading) Tanker		Destination	Remarks
	Time	Confirmed Clean	Time	Tanker Volume (By Stick Meas.)	Manifest	
Load #1	8:05	YES	9:55	54" 5875 gal	CECOS NYB5664672	W.O.# 282240
Load #2	10:00	YES	10:45	5280	CECOS NYB5664717	W.O.# 282241
Load #3						
Load #4			TOTAL	11,155		

BBL Environmental Services, Inc.

PAS Site  
Oswego, New York

Site Inspection Checklist

Date: 4/21/99  
Personnel: DJ

Time: 6:40  
Weather: SUN 58°

Site Feature	Previous Inspection Date	Condition/Maintenance Activity
Cap		
Barrowing Animals		OK
Cap Vegetation		OK
Concrete Drainage Trough		OK
French Drain		OK
Weeds		OK
Leachate Collection System		
Pumps		LCW-1 STILL HAS MECHANICAL PROBLEMS
Pump Controls/Alarms		OK
Tank Level		OK
Monitoring Wells		
Stacks		OK
Encoder		OK
Surface Completion		OK
General Site Conditions		
Billage		OK
Perimeter Fence		OK
Site access drive		OK
Stream gauges		OK
Other Items		
Equipment Storage Shed		OK
Fire Extinguisher		OK
Spill Control Materials		OK

REMARKS/SPECIAL MAINTENANCE: (include separate detailed maintenance report, if necessary)  
LCW-1 DID NOT PUMP WATER ON 2<sup>nd</sup> ATTEMPT. PUMP WHINED UNTIL SHUT OFF.

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BBL Environmental Services, Inc.

PAS Site  
Oswego, New York

Leachate Disposal Checklist

T. HEWSON 5/5/99 555 Am  
 BLES Project Personnel Date Time On-Site  
BFC CECS  
 Transportation Subcontractor Leachate Destination

PUMPING RECORD FROM WELLS TO TANK

Well	Leachate Collection Well Pumping		Well Pumping Flow Rate Analysis		Flow Rate Calculation	Remarks
	Start Time	Stop Time	Time	Tank Elev. (Ft. Down)		
LCW-1	600	600			SEE BELOW	INTERMITTANT OPERATION
LCW-2	600	935				
N-3	600	905				
JN-4	600	930				
Leachate Holding Tank: USED STICK MEASUREMENT Initial Flow Meter Reading: METER IN OP Final Flow Meter Reading: METER IN OP Avg. Pump Rate = $\frac{13,514 \text{ Gals}}{299 \text{ min}} = 45 \text{ GPM}$						

PUMPING FROM TANK TO DISPOSAL TRUCK

Load	(Pre-Loading) Tanker		(Post-Loading) Tanker		Destination	Remarks
	Time	Confirmed Clean	Time	Tanker Volume (By Stick Meas.)	Manifest	
Load #1	900	YES	1020	5200	CECOS NYB5664681	W.O.# 282340
Load #2	1025	YES	1115	5100	CECOS NYB5664708	W.O.# 282341
Load #3	1120	YES	1145	3214	CECOS NYB5664706	W.O.# 282342
Load #4			TOTAL	13,514		

BBL Environmental Services, Inc.

PAS Site  
Oswego, New York

Site Inspection Checklist

Date: 5/5/99  
Personnel: JJA

Time: 600  
Weather: SW 540 High 75°

Site Feature	Previous Inspection Date	Condition/Maintenance/Activity
Cap		
Burrowing Animals		OK
Cap Vegetation		OK
Concrete Drainage Trough		<del>OK</del> WILL NEED CLEANING
French Drain		OK
Weeds		OK
Leachate Collection System		
Pumps		PUMP IN LCW-1 RAN FOR APPROX 10 SEC + COULD NOT RESTART
Pump Controls/Alarms		OK
Tank Level		OK
Monitoring Wells		
Locks		OK
Riser		OK
Surface Completion		OK
General Site Conditions		
Foliage		OK
Perimeter Fence		OK
Site access drive		OK
Stream gauges		OK
Other Items		
Equipment Storage Shed		OK
Fire Extinguisher		OK
Spill Control Materials		OK

REMARKS/SPECIAL MAINTENANCE: (include separate detailed maintenance report, if necessary)

PUMP IN LCW-1 RAN FOR APPROX 10 SECONDS BEFORE TRIPPING BREAKER, PUMP MADE LOUD WHIRLING NOISES BEFORE STOPPING. COULD NOT RESTART PUMP. EACH ATTEMPT RESULTED IN BREAKER TRIPPING IMMEDIATELY

Date: 5/19/99  
 Personnel: J. H. Pearson  
 Time: 8:00 Am  
 Weather: Overcast 60's

**Maintenance Activity Schedule Summary**

Site Feature	Frequency	Description of Maintenance Activity
Burrowing animals	As required	Remove burrowing animal(s) and repair cap areas damaged from the burrowing.
Leachate collection system	As required	Repair or replace leachate collection system equipment and components.
Monitoring wells	As required	Repair or replace damaged well locks, casings, or risers.
Perimeter fence	As required	Maintain signage and the perimeter fence line.
Site access drive	As required	Maintain the integrity of the access drive pavement and remove snow during the winter.
Stream gauges	As required	Reset stream gauges and survey the top of the gauge for elevation.
Weeds	As required	Remove weeds from the perennial grasses established on the cap.
Fire extinguisher	Monthly/Annually	Maintain a charged fire extinguisher in storage shed, inspect monthly, and service annually.
Drainage system	Quarterly	Trim vegetation in french drains and drainage trough, and remove obstructions in drainage trough.
Spill control materials	Quarterly	Maintain absorbent material, absorbent booms, shovel, and drum in storage shed.
Cap vegetation	Annually	Mow grass on cap inside and adjacent to the security fence.
Cap vegetation	Annually	Trim vegetation around storage shed, leachate collection tank, and on-site monitoring wells.
Equipment storage shed	Annually	Repair damage to storage shed.
Foliage	Annually	Trim vegetation within 5 ft. of fence along E. Seneca St. and along western fence line.

**Maintenance Observations:**

- CONCRETE TRENCH HAD LAYER OF SILT IN BOTTOM + VEGETATION GROWING AROUND TOP EDGES
- SHED WAS IN NEED OF A FRESH STAINING DUE TO WEATHERING

**Maintenance Activities Performed:**

- CLEANED DEBRIS FROM CONCRETE DRAINS + TRIMMED VEGETATION AROUND TRENCH
- STAINED FRONT + BACK OF SHED - WILL CONTINUE STAINING SITES + COLLECTED RAIN TANK HOUSING AT A LATER DATE.

BEL Environmental Services, Inc.

PAS Site  
Oswego, New York

Leachate Disposal Checklist

T. Henson  
BLES Project Personnel  
BFC  
Transportation Subcontractor

4/9/99  
Date  
CECOS  
Leachate Destination

6:15  
Time On-Site

PUMPING RECORD FROM WELLS TO TANK

Well	Leachate Collection Well Pumping		Well Pumping Flow Rate Analysis		Flow Rate Calculation	Remarks
	Start Time	Stop Time	Time	Tank Elev. (Ft. Down)		
LCW-1	—	—			SEE BELOW	PUMP IN OP
LCW-2	6:20	8:50				INTERMITTENT OPERATION
W-3	6:20	8:04				
LCW-4	6:20	8:50				

Leachate Holding Tank: USED STICK MEASUREMENT  
 Initial Flow Meter Reading:  
 Final Flow Meter Reading: METAL INQ  
 AVG PUMP RATE =  $\frac{10,400 \text{ GALS}}{177 \text{ min}} = 59 \text{ GPM}$

PUMPING FROM TANK TO DISPOSAL TRUCK

Load	(Pre-Loading) Tanker		(Post-Loading) Tanker		Destination	Remarks
	Time	Confirmed Clean	Time	Tanker Volume (By Stick Mass.)	Manifest	
Load #1	8:30	YES	9:30	5,200	CECOS NYB5664735	W.O. # 282343
Load #2	10:35	YES		5,200	CECOS NYB5664744	W.O. # 282344 VT-10
Load #3						
Load #4			TOTAL	10,400		



BBL Environmental Services, Inc.

PAS Site  
Oswego, New York

Site Inspection Checklist

Date: 6/9/99  
Personnel: TJH

Time: 6:15  
Weather: SUN 70° AREA HAS HAD VERY LITTLE RAIN THIS MONTH.

Site Feature	Previous Inspection Date	Condition/Maintenance/Activity
Cap		
Burrowing Animals		OK
Cap Vegetation		GRASS HAS BEEN CUT
Concrete Drainage Trough		OK
French Drain		OK
Weeds		OK
Leachate Collection System		
Pumps		PUMP FOR LCWT IS INOP
Pump Controls/Alarms		OK
Tank Level		OK
Monitoring Wells		
Locks		OK
Riser		OK
Surface Completion		OK
General Site Conditions		
Foliage		OK
Perimeter Fence		OK
Site access drive		OK
Stream gauges		OK
Other Items		
Equipment Storage Shed		OK
Fire Extinguisher		OK
Spill Control Materials		OK

REMARKS/SPECIAL MAINTENANCE: (include separate detailed maintenance report, if necessary)

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BBL Environmental Services, Inc.

PAS Site  
Oswego, New York

Leachate Disposal Checklist

T. HENSON 6/23/99 600  
BLES Project Personnel Date Time On-Site  
BFL CECOS  
Transportation Subcontractor Leachate Destination

PUMPING RECORD FROM WELLS TO TANK

Well	Leachate Collection Well Pumping		Well Pumping Flow Rate Analysis		Flow Rate Calculation	Remarks
	Start Time	Stop Time	Time	Tank Elev. (FL. Down)		
LCW-1					SEE BELOW	PUMP INOP
LCW-2	6:03	8:30				INTERMITTANT OPERATION
W-3	6:03	8:04				
JW-4	6:03	8:35				↓

Leachate Holding Tank: USED STICK MEASUREMENT

Initial Flow Meter Reading: \_\_\_\_\_

Final Flow Meter Reading: METER INOP

Avg Pump Rate:  $\frac{10,400 \text{ Gals}}{193 \text{ min}} = 54 \text{ GPM}$

PUMPING FROM TANK TO DISPOSAL TRUCK

Load	(Pre-Loading) Tanker		(Post-Loading) Tanker		Destination	Remarks
	Time	Confirmed Clean	Time	Tanker Volume (By Stick Mass.)	Manifest	
Load #1	940	YES	1130	5200	CECOS NY B5664753	W.O.# 282390
Load #2	1135	YES	1235	5200	CECOS NY B5664771	W.O.# 282391
Load #3						
Load #4						

BBL Environmental Services, Inc.

PAS Site  
Oswego, New York

Site Inspection Checklist

Date: 6/23/99  
Personnel: TJH

Time: 6:00AM  
Weather: SUN 70°-85°

Site Feature	Previous Inspection Date	Condition/Maintenance Activity
Cap		
Burrowing Animals		OK
Cap Vegetation		OK
Concrete Drainage Trough		OK
French Drain		OK
Weeds		OK
Leachate Collection System		
Pumps		LCW-1 Pump WIP
Pump Controls/Alarms		OK
Tank Level		OK
Monitoring Wells		
Locks		OK
Riser		OK
Surface Completion		OK
General Site Conditions		
Foliage		OK
Perimeter Fence		OK
Site access drive		OK
Stream gauges		OK
Other Items		
Equipment Storage Shed		FINISHED STAINING SIDE OF SHED + FRONT + BACK
Fire Extinguisher	OK	OF LEACHATE TANK
Spill Control Materials	OK	OK

REMARKS/SPECIAL MAINTENANCE: (include separate detailed maintenance report, if necessary)

6/21/99 PURCHASED A 1/2" SHEET OF PLYWOOD + CUT A NEW FRONT ACCESS DOOR FOR LEACHATE COLLECTION TANK. OLD DOOR HAD ROTTED OUT + PULVED OUT OF ITS HINGES. STAINED NEW DOOR ON 6/23/99

## ***Attachment 3***

**BBL ENVIRONMENTAL SERVICES, INC.**

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# ***Hazardous Waste Manifests and Gallons Removed***

STATE OF NEW YORK  
DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
DIVISION OF HAZARDOUS SUBSTANCES REGULATION

**HAZARDOUS WASTE MANIFEST**  
P.O. Box 12820 Albany, New York 12212

Form Approved, OMB No. 2050-0039, Expires 9-30-94

Please print or type. Do not Staple.

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA No. <b>NY 000 000 000 000 000</b>		Manifest Document No. <b>110</b>		2. Page 1 of <b>1</b>		Information in the shaded areas is not required by Federal Law	
3. Generator's Name and Mailing Address <b>P&amp;S Group Site Participation Agreement Parties c/o SR Environmental Services, Inc. Attn: L.R. McFarney 6723 Tenth Road, P.O. Box 66, Syracuse, NY 13214-0066</b>		6. US EPA ID Number <b>NY 000 000 000 000 000</b>		A. State Manifest Identification No. <b>NY B 500 161 5</b>		B. Generator's ID # <b>000 000 000 000 000</b>		C. State Transporter's ID # <b>000 000 000 000 000</b>	
4. Generator's Phone <b>315 446-7120</b>		5. Transporter 1 (Company Name) <b>Buffalo Fuel Corp.</b>		8. US EPA ID Number <b>NY 000 000 000 000 000</b>		D. Transporter's Phone <b>(315) 477-0000</b>		E. State-Transporter's ID # <b>000 000 000 000 000</b>	
7. Transporter 2 (Company Name)		9. Designated Facility Name and Site Address <b>CECOS International, Inc. 5620 Niagara Falls Boulevard Niagara Falls, NY 14304</b>		10. US EPA ID Number <b>NY 000 000 000 000 000</b>		F. Transporter's Phone		G. State Facility's ID	
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)		12. Containers		13. Total Quantity		14. Unit		15. Waste No.	
a. <b>20, Ketch, Environmentally Hazardous Substances, Liquid, 9, 2.0.2., UN3091, PG III, Multi-Source Leachate, PCB (Hexanes, Toluene, Xylene)</b>		No. <b>6</b> Type <b>111</b>		<b>06400</b>		<b>g</b>		EPA <b>7000</b> STATE <b>0000</b>	
b.								EPA <b>10</b> STATE <b>0000</b>	
c.								EPA <b>0000</b> STATE <b>0000</b>	
d.								EPA <b>0000</b> STATE <b>0000</b>	
J. Additional Descriptions for Materials listed Above <b>Water 200, Toluene 5,000, Xylene 5,000, Hexane 5,000</b>		K. Handling Codes for Wastes Listed Above		a <input checked="" type="checkbox"/> b <input type="checkbox"/> c <input type="checkbox"/> d <input type="checkbox"/>		a <input type="checkbox"/> b <input type="checkbox"/> c <input type="checkbox"/> d <input type="checkbox"/>			
15. Special Handling Instructions and Additional Information <b>Emergency Response Refer to EPC-31 24-Hour Contact: (800) 677-0003</b>		Product Code: <b>12345-432</b>		Work Order No.: <b>282061</b>					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am a large quantity generator, I certify that I have program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a small generator, I have made a good faith effort to minimize my waste and select the best waste management method that is available to me and that I can afford.		Printed/Typed Name <b>T. McFarney - As Agent for P&amp;S Site Participation Agreement Parties</b>		Signature <i>T. McFarney</i>		Mo. <b>04</b> Day <b>07</b> Year <b>99</b>			
17. Transporter 1 (Acknowledgement of Receipt of Materials)		Printed/Typed Name <b>KEN WASKIEWICZ</b>		Signature <i>Kon Waskiewicz</i>		Mo. <b>04</b> Day <b>07</b> Year <b>99</b>			
18. Transporter 2 (Acknowledgement or Receipt of Materials)		Printed/Typed Name		Signature		Mo. Day Year			
19. Discrepancy Indication Space <b>Quant, Recd. 26.62 TONS</b>									
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.		Printed/Typed Name <b>DAVID T PEBY</b>		Signature <i>David T Peby</i>		Mo. <b>04</b> Day <b>07</b> Year <b>99</b>			

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the N.Y. Dept. of Environmental Conservation (518) 457-7362.

HAZARDOUS WASTE MANIFEST

P.O. Box 12820 Albany, New York 12212

Form Approved OMB No. 2050-0039 Expires 9-30-94

Please print or type. Do not Staple.

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA No. NY 00000000000000000000000000000000	Manifest Document No. NY 00000000000000000000000000000000	2. Page 1 of	Information in the shaded areas is not required by Federal Law.			
3. Generator's Name and Mailing Address <b>745 George St. Participation Agreement Parties c/o EML Environmental Services, Inc. Attn: L.R. Maloney 673 Tenth St., P.O. Box 80, Syracuse, NY 13210-0080</b>				B. Generator's ID NY B 00000000000000000000000000000000				
4. Generator's Phone 315 446-0120				C. State Transporter's ID NY 00000000000000000000000000000000				
5. Transporter 1 (Company Name) <b>Buffalo Fuel Corp.</b>				D. Transporter's Phone 716 836-3800				
6. US EPA ID Number <b>NY 000000000045723</b>				E. State Transporter's ID NY 00000000000000000000000000000000				
7. Transporter 2 (Company Name)				F. Transporter's Phone				
8. US EPA ID Number				G. State Facility's ID				
9. Designated Facility Name and Site Address <b>CECOS International, Inc. 2600 Niagara Falls Boulevard Niagara Falls, NY 14304</b>				10. US EPA ID Number NY 00000000000000000000000000000000				
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)				12. Containers No. Type	13. Total Quantity	14. Unit Wt/Vol	15. Waste No. EPA STATE	
a. <b>Oil, Waste, Environmentally Hazardous Substance, Liquid, 3, R.S.L., MS302, Pt III, Multi-Source Leachate, 7039 (Benzene, Toluene, Xylene)</b>				001 7 10		5946		EPA STATE
b.						EPA STATE		
c.						EPA STATE		
d.						EPA STATE		
J. Additional Descriptions for Materials Listed Above <b>Solar 300, Benzene/Hexane/Toluene 0.00432 Xylene 0.00173, Benzene 0.00074</b>				K. Handling Codes for Wastes Listed Above a <input checked="" type="checkbox"/> b <input type="checkbox"/> c <input type="checkbox"/> d <input type="checkbox"/>				
15. Special Handling Instructions and Additional Information <b>Emergency Response Refer to ERG-37 24-Hour Contact: (800) 677-6883</b>				<b>Product Codes: 12125-400 Mark Order No.: 282062</b>				
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name, and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am a large quantity generator, I certify that I have program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a small generator, I have made a good faith effort to minimize my waste and select the best waste management method that is available to me and that I can afford.								
Printed/Typed Name <b>MEMORIAL - As Agent for PMS Site Participation Agreement Parties</b>				Signature 		Mo. Day Year <b>04 07 99</b>		
17. Transporter 1 (Acknowledgement of Receipt of Materials)				Printed/Typed Name <b>E. Wilson</b>		Signature 		
18. Transporter 2 (Acknowledgement or Receipt of Materials)				Printed/Typed Name		Signature		
19. Discrepancy Indication Space <b>Quantity Received <u>24.33</u> TONS</b>								
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.								
Printed/Typed Name <b>DAVID T RABY</b>				Signature 		Mo. Day Year <b>04 07 99</b>		

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the N.Y. Dept. of Environmental Conservation (518) 457-7362.

GENERATOR TRANSPORTER FACILITY

STATE OF NEW YORK  
DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
DIVISION OF HAZARDOUS SUBSTANCES REGULATION

HAZARDOUS WASTE MANIFEST

P.O. Box 12820 Albany, New York 12212

Form Approved OMB No. 2050-0039 Expires 9-30-94

Please print or type. Do not Staple.

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA No. <b>NY 000 000 1 000 001 8</b>		Manifest Document # <b>18</b>		2. Page 1 of 1		Information in the shaded areas is not required by Federal Law.	
3. Generator's Name and Mailing Address <b>PAS Super Site Remediation Agreement Parties c/o 22L Environmental Services, Inc. Attn: L.E. Mahoney 6721 Joseph Road, P.O. Box 62, Syracuse, NY 13214-0062</b>		4. Generator's Phone (315) 446-9128		6. US EPA ID Number <b>NY 000 000 0 N 37 2 A</b>		7. State Manifest Number <b>NY B 556 185 3</b>		B. Generator's ID <b>Service Site, C. Mahoney</b>	
5. Transporter 1 (Company Name) <b>Suffate Fuel Corp.</b>		6. US EPA ID Number <b>NY 000 000 0 N 37 2 A</b>		7. Transporter 2 (Company Name)		8. US EPA ID Number		C. State Transporter's ID <b>72072</b>	
9. Designated Facility Name and Site Address <b>CECOS International, Inc. 5600 Niagara Falls Boulevard Niagara Falls, NY 14304</b>		10. US EPA ID Number <b>NY 000 000 3 262 4 1</b>		11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number) <b>a. 20, Waste, Environmentally Hazardous Substance, Liquid, 9, H.C.S., UN3082, PG III, Multi-Source Leachate (Sulfate, Chloride, Nitrate) F033 (Sulfate, Nitrate, Arsenic)</b>		12. Containers No. <b>001</b> Type <b>DRUM</b>		13. Total Quantity <b>05200 G</b>	
J. Additional Descriptions for Materials Listed Above <b>Water 20, Volume 0.000000</b>		K. Handling Codes for Wastes Listed Above <b>a. T c</b>		14. EPA Code <b>STATE F033</b>		15. Special Handling Instructions and Additional Information <b>Emergency Response Refer to EEE-31</b> <b>24-Hour Contact: (300) 677-8005</b>		Product Codes: <b>12263-148</b> Sort Order No.: <b>282239</b>	
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am a large quantity generator, I certify that I have program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a small generator, I have made a good faith effort to minimize my waste and select the best waste management method that is available to me and that I can afford.									
Printed/Typed Name <b>T. HANON - As Agent for PAS Site Remediation Agreement Parties</b>		Signature		Mo. Day Year <b>04 07 99</b>		17. Transporter 1 (Acknowledgement of Receipt of Materials) Printed/Typed Name <b>MARK FAHISKO</b>			
Signature		Signature		Mo. Day Year <b>04 07 99</b>		18. Transporter 2 (Acknowledgement of Receipt of Materials) Printed/Typed Name			
Signature		Signature		Mo. Day Year		19. Discrepancy Indication Space <b>Quantity Received 21.45 TONS</b>			
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. Printed/Typed Name <b>DAVID T RABY</b>									
Signature		Signature		Mo. Day Year <b>04 08 99</b>					

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the N.Y. Dept. of Environmental Conservation (516) 457-7362.

DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
DIVISION OF HAZARDOUS SUBSTANCES REGULATION  
**HAZARDOUS WASTE MANIFEST**

P.O. Box 12820, Albany, New York 12212

Please print or type. Do not Staple.

Form Approved, OMB No. 2050-0039, Expires 9-30-92

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA No. <b>NY 000 000 000 000 000 000</b>	Manifest Document No. <b>000 000 000 000 000 000</b>	2. Page 1 of <b>1</b>	Information in the shaded areas is not required by Federal Law.
3. Generator's Name and Mailing Address <b>FMS Waste Site Participation Agreement Parties</b> <b>c/o SBL Environmental Services, Inc. Attn: L.L. Mulvaney</b> <b>4775 Trench Road, P.O. Box 66, Syracuse, NY 13214-0066</b>			A. State <b>NY</b>		B. Generator's ID <b>000 000 000 000 000 000</b>
4. Generator's Phone <b>315 446-3120</b>		5. Transporter 1 (Company Name) <b>Buffalo Fuel Corp.</b>		C. State Transporter's ID <b>000 000 000 000 000 000</b>	
6. US EPA ID Number <b>NY 000 000 000 5 7 2 0</b>		7. Transporter 2 (Company Name)		D. Transporter's Phone <b>(315) 477-0000</b>	
8. US EPA ID Number		9. Designated Facility Name and Site Address <b>CCRS International, Inc.</b> <b>3400 Niagara Falls Boulevard</b> <b>Niagara Falls, NY 14304</b>		E. State Transporter's ID <b>82132V CV</b>	
10. US EPA ID Number <b>NY 00 00 00 3 3 6 2 4 1</b>		G. State Facility's ID		F. Transporter's Phone <b>(315) 477-0000</b>	
H. Facility's Phone <b>(716) 382-2678</b>		11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)		12. Containers	13. Total
a. <b>50, Waste, Environmentally Hazardous Substance, Liquid, 9, H.S.,</b> <b>UN3077, PG III, Multi-source Leachate, F039 (Benzene, Toluene,</b> <b>Xylene)</b>		No.		Type	Quantity
		Unit		Wt/Vol	EPA Waste No.
					STATE
					EPA
					STATE
					EPA
					STATE
J. Additional Descriptions for Materials listed Above <b>Water 99%, Toluene 0.0004%</b> <b>Xylene 0.0011%, Benzene 0.0007%</b>		K. Handling Codes for Wastes Listed Above			
		a. <input checked="" type="checkbox"/> b. <input type="checkbox"/> c. <input type="checkbox"/> d. <input type="checkbox"/>			
15. Special Handling Instructions and Additional Information					
<b>Emergency Response Refer to ERG-31</b>			<b>Product Code: 12215-118</b>		
<b>24-hour Contact: (315) 677-8083</b>			<b>Work Order No. 782240</b>		
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.					
If I am a large quantity generator, I certify that I have program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a small generator, I have made a good faith effort to minimize my waste and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name <b>Peter A. Spence - As Agent</b> <b>for FMS Site Participation Agreement Parties</b>		Signature <i>[Signature]</i>		Mo. Day Year <b>04 21 99</b>	
17. Transporter 1 (Acknowledgement of Receipt of Materials)		Printed/Typed Name <b>Robert Pusch</b>		Signature <i>[Signature]</i>	
18. Transporter 2 (Acknowledgement or Receipt of Materials)		Printed/Typed Name		Signature	
19. Discrepancy Indication Space <b>Quantity Received 22.93 tons</b>		20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.			
Printed/Typed Name <b>Patrick Omilian</b>		Signature <i>[Signature]</i> <b>Agent for CCRS</b>		Mo. Day Year <b>04 21 99</b>	

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the N.Y. Dept. of Environmental Conservation (518) 457-7362.



STATE OF NEW YORK DEPARTMENT OF ENVIRONMENTAL CONSERVATION DIVISION OF HAZARDOUS SUBSTANCES REGULATION

HAZARDOUS WASTE MANIFEST

P.O. Box 12820 Albany, New York 12212

Form Approved, OMB No. 2050-0039 Expires 9-30-94

Please print or type. Do not staple.

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA No. <b>NY 000000000000000000</b>		Manifest Document No. <b>000000000000000000</b>		2. Page 1 of 1		Information in the shaded areas is not required by Federal Law	
3. Generator's Name and Mailing Address <b>PAS Site Participation Agreement Parties c/o EN Environmental Services, Inc. Attn: L.N. McHorney 673 Tappan Road, P.O. Box 44, Syracuse, NY 13214-0044</b>		4. Generator's Phone <b>(315) 466-9126</b>		6. US EPA ID Number <b>NY 00 00 00 00 37 20</b>		B. Generator's ID <b>NYB000000000000000000</b>		C. State Transporter's ID <b>000000000000000000</b>	
5. Transporter 1 (Company Name) <b>Buffalo Fuel Corp.</b>		7. Transporter 2 (Company Name)		8. US EPA ID Number		D. Transporter's Phone		E. State Transporter's ID	
9. Designated Facility Name and Site Address <b>CECOS International, Inc. 5600 Niagara Falls Boulevard Niagara Falls, NY 14304</b>		10. US EPA ID Number <b>NY 00 00 00 00 3 62 1 1</b>		12. Containers No. Type		13. Total Quantity		14. Unit Wt/Vol	
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)		a. <b>80, Waste, Environmentally Hazardous Substance, Liquid, 9, 2.8-2.9, UN3082, PG III, Multi-Source Leachate, F015 (Benzene, Toluene, Xylene)</b>		0 0 1 1 1 0 5280 G		EPA STATE		Waste No.	
J. Additional Descriptions for Materials listed Above		a. <b>Water 99%, Toluene 0.000456 Xylene 0.0011, Benzene 0.000478</b>		K. Handling Codes for Wastes Listed Above		a. <input checked="" type="checkbox"/>		c. <input type="checkbox"/>	
15. Special Handling Instructions and Additional Information <b>Emergency Response Refer to ERG-11</b> <b>24-Hour Contacts: (800) 677-6883</b> <b>Product Code: 1285-ASB</b> <b>Work Order No.: 282241</b>									
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am a large quantity generator, I certify that I have program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a small generator, I have made a good faith effort to minimize my waste and select the best waste management method that is available to me and that I can afford.									
Printed/Typed Name <b>Peter A. Spence - As Agent for PAS Site Participation Agreement Parties</b>		Signature 		Mo. Day Year <b>04/2/99</b>					
17. Transporter 1 (Acknowledgement of Receipt of Materials)		Printed/Typed Name <b>CHAS HOWARD</b>		Signature 		Mo. Day Year <b>04/2/99</b>			
18. Transporter 2 (Acknowledgement or Receipt of Materials)		Printed/Typed Name		Signature		Mo. Day Year			
19. Discrepancy Indication Space <b>Quantity Received: 21.99 TONS</b>									
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.									
Printed/Typed Name <b>Patrick Omlian</b>		Signature 		Mo. Day Year <b>4/7/99</b>					

In case of emergency or spill immediately call the National Response Center 424-8802 and the N.Y. Dept. of Environmental Conservation (518) 457-7382.

DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
DIVISION OF HAZARDOUS SUBSTANCES REGULATION

**HAZARDOUS WASTE MANIFEST**

P.O. Box 12820, Albany, New York 12212

ROCHESTER, NY  
MAY 07 1999  
Form Approved, OMB No. 2050-0039, Expires 9-30-94

Please print or type. Do not Staple.

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA No. <b>NY 000516330001</b>		Manifest Document No.		2. Page 1		Information in the shaded areas of BLASAND, BOYK & CO. INC.							
3. Generator's Name and Mailing Address <b>P&amp;S Site Participation Agreement Parties c/o NE Environmental Services, Inc. Attn: L.J. McNamee 672 Tenthred Road, P.O. Box 66, Syracuse, NY 13214-0066</b>						A. State Manifest Document No. <b>NY B 558331</b>									
4. Generator's Phone (315) 466-9128						B. Generator's ID <b>2132V (15)</b>									
5. Transporter 1 (Company Name) <b>Buffalo Fuel Corp.</b>				6. US EPA ID Number <b>NYR 000043724</b>		C. State Transporter's ID									
7. Transporter 2 (Company Name)				8. US EPA ID Number		D. Transporter's Phone ( )									
9. Designated Facility Name and Site Address <b>CECOS International, Inc. 3686 Niagara Falls Boulevard Niagara Falls, NY 14304</b>				10. US EPA ID Number <b>NY 000336241</b>		E. State Transporter's ID									
						F. Transporter's Phone ( )									
						G. State Facility's ID									
						H. Facility's Phone (716) 282-340									
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)						12. Containers		13. Total Quantity		14. Unit					
a. <b>20, Waste, Environmentally Hazardous Substance, Liquid, P, a.c.t., UN3082, PG III, Multi-Source Leachate, F039 (Benzene, Toluene, Xylene)</b>						No. Type		Quantity		Wt/Vol					
						001TT		05200 c		EPA Waste No. <b>F039</b>					
b.										STATE					
c.										EPA STATE					
d.										EPA STATE					
J. Additional Descriptions for Materials listed Above						K. Handling Codes for Wastes Listed Above									
a. <b>Water 99%, Toluene 0.00043%</b>						a. <input checked="" type="checkbox"/> T									
b. <b>Xylene 0.0011%, Benzene 0.00007%</b>						b. <input type="checkbox"/>									
c. <input type="checkbox"/>						c. <input type="checkbox"/>									
d. <input type="checkbox"/>						d. <input type="checkbox"/>									
15. Special Handling Instructions and Additional Information															
<b>Emergency Response Refer to ERG-11</b>						<b>Product Code: 12285-148</b>									
<b>24-Hour Contact: (800) 677-8000</b>						<b>Mark Order No.: 282340</b>									
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am a large quantity generator, I certify that I have program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a small generator, I have made a good faith effort to minimize my waste and select the best waste management method that is available to me and that I can afford.															
Printed/Typed Name <b>T. Hanson - As Agent for P&amp;S Site Participation Agreement Parties</b>				Signature <i>T. Hanson</i>				Mo. Day Year <b>05 05 99</b>							
17. Transporter 1 (Acknowledgement of Receipt of Materials)				Printed/Typed Name <b>Charlie Colvin</b>				Signature <i>Charlie Colvin</i>				Mo. Day Year <b>05 05 99</b>			
18. Transporter 2 (Acknowledgement or Receipt of Materials)				Printed/Typed Name				Signature				Mo. Day Year			
19. Discrepancy Indication Space <b>Quantity Received 21.6t tons</b>															
20. Facility Owner or Operator; Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.															
Printed/Typed Name <b>Patrick Omilian</b>				Signature <i>Patrick Omilian</i> Agent for CECOS				Mo. Day Year <b>05 05 99</b>							

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the N.Y. Dept. of Environmental Conservation (518) 457-7362.

STATE OF NEW YORK  
DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
DIVISION OF HAZARDOUS SUBSTANCES REGULATION

**HAZARDOUS WASTE MANIFEST**  
P.O. Box 12820 Albany, New York 12212

Form Approved OMB No. 2050-0039 Expires 9-30-94

Please print or type. Do not Staple.

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA No. <b>NY 000000000000000000</b>		Manifest Document No. <b>20</b>		2. Page 1 of		Information in the shaded areas is not required by Federal Law.	
3. Generator's Name and Mailing Address <b>P&amp;S Waste Site Participation Agreement Parties c/o ERI Environmental Services, Inc. Attn: L.M. McNamee 5723 Tonawanda Road, P.O. Box 84, Syracuse, NY 13214-0084</b>		4. Generator's Phone <b>(315) 446-9126</b>		6. US EPA ID Number <b>NY 000000000000000000</b>		A. State Manifest ID <b>NY B 568470-8</b>		B. Generator's ID <b>Service Site, E. Green St., Tonawanda</b>	
5. Transporter 1 (Company Name) <b>Buffete Fuel Corp.</b>		7. Transporter 2 (Company Name)		8. US EPA ID Number		C. State Transporter's ID <b>86217D100</b>		D. Transporter's Phone <b>(800) 677-8003</b>	
9. Designated Facility Name and Site Address <b>CECOS International, Inc. 5600 Niagara Falls Boulevard Niagara Falls, NY 14304</b>		10. US EPA ID Number <b>NY 000000000000000000</b>		E. State Transporter's ID		F. Transporter's Phone		G. State Facility's ID	
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number) <b>a. 20, Waste, Environmentally Hazardous Substance, Liquid, 9, H.C.S., UN3082, PG III, Multi-Source Leachate, F039 (Benzene, Toluene, Xylene)</b>		12. Containers No. Type <b>0 0 1 1 1</b>		13. Total Quantity <b>05/00 c</b>		14. Unit Wt/Vol		Waste No. EPA <b>F039</b> STATE	
J. Additional Descriptions for Materials listed Above <b>a. Water 99%, Toluene 0.00001%</b> <b>b. Xylene 0.0011%, Benzene 0.00001%</b>		K. Handling Codes for Wastes Listed Above a <input checked="" type="checkbox"/> b <input type="checkbox"/> c <input type="checkbox"/> d <input type="checkbox"/>		15. Special Handling Instructions and Additional Information <b>Emergency Response Refer to ERG-31</b> <b>24-Hour Contacts: (800) 677-8003</b> <b>Product Code: 12285-148</b> <b>Work Order No.: 282381</b>		16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am a large quantity generator, I certify that I have program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a small generator, I have made a good faith effort to minimize my waste and select the best waste management method that is available to me and that I can afford.			
Printed/Typed Name <b>for P&amp;S Site Participation Agreement Parties</b>		Signature <i>[Signature]</i>		Mo. Day Year <b>05 05 99</b>		17. Transporter 1 (Acknowledgement of Receipt of Materials) Printed/Typed Name <b>E. Wilson</b> Signature <i>[Signature]</i> Mo. Day Year <b>05 05 99</b>			
Printed/Typed Name		Signature		Mo. Day Year		18. Transporter 2 (Acknowledgement or Receipt of Materials) Printed/Typed Name Signature Mo. Day Year			
19. Discrepancy Indication Space <b>Quantity Received 21.86 tons</b>		20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. Printed/Typed Name <b>Patrick Omilian</b> Signature <i>[Signature]</i> Agent for <b>CECOS</b> Mo. Day Year <b>05 06 99</b>							

In case of emergency or spill immediately call the National Response Center (1) 424-8802 and the N.Y. Dept. of Environmental Conservation (518) 457-7362.

DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
DIVISION OF HAZARDOUS SUBSTANCES REGULATION

**HAZARDOUS WASTE MANIFEST**

P.O. Box 12820, Albany, New York 12212

ROCHESTER NY  
MAY 07 1999

Form Approved. OMB No. 2050-0039. Expires 9-30-99

Please print or type. Do not Staple.

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA No. <b>NY 000011125000</b>		Manifest Document No. <b>23</b>		2. Page 1 of 1		Information is to be provided by the generator or transporter.	
3. Generator's Name and Mailing Address <b>PAS Geopac Site Participation Agreement Parties c/o EHL Environmental Services, Inc. Attn: L.E. McHorney 6723 Tomahawk Road, P.O. Box 66, Syracuse, NY 13214-0066</b>						A. State Manifest Document No. <b>NY B 566472 6</b>			
4. Generator's Phone <b>(315) 446-9128</b>						B. Generator's ID <b>Service Site, T. James St., Geopac</b>			
5. Transporter 1 (Company Name) <b>Buffalo Fuel Corp.</b>				6. US EPA ID Number <b>NY 20 000 03 72 4</b>		C. State Transporter's ID <b>172072 (M)</b>		D. Transporter's Phone <b>(800) 677-6003</b>	
7. Transporter 2 (Company Name)				8. US EPA ID Number		E. State Transporter's ID		F. Transporter's Phone	
9. Designated Facility Name and Site Address <b>CECOS International, Inc. 3608 Niagara Falls Boulevard Niagara Falls, NY 14304</b>				10. US EPA ID Number <b>NY 20 000 03 36 24 1</b>		G. State Facility's ID		H. Facility's Phone <b>(716) 282-2676</b>	
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)						12. Containers		13. Total	
a. <b>80, Waste, Environmentally Hazardous Substance, Liquid, 9, n.o.s., UN3082, PG III, Multi-Source Leachate, F033 (Benzene, Toluene, Xylene)</b>						No. Type		Quantity	
						8 0 1 1 T		032 14 G	
b.								EPA Waste No. STATE	
c.								EPA Waste No. STATE	
d.								EPA Waste No. STATE	
J. Additional Descriptions for Materials listed Above <b>Water 97%, Toluene 0.00047%</b>						K. Handling Codes for Wastes Listed Above			
a. <b>Xylene 0.0017%, Benzene 0.00057%</b>						a		<input checked="" type="checkbox"/>	
b.						b		<input type="checkbox"/>	
c.						c		<input type="checkbox"/>	
d.						d		<input type="checkbox"/>	
15. Special Handling Instructions and Additional Information <b>Emergency Response Refer to ERG-31</b> <b>24-Hour Contact: (800) 677-6003</b> <b>Product Codes: 12285-AMB</b> <b>Work Order No.: 282342</b>									
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am a large quantity generator, I certify that I have program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a small generator, I have made a good faith effort to minimize my waste and select the best waste management method that is available to me and that I can afford.									
Printed/Typed Name <b>T. HANSON - As Agent for PAS Site Participation Agreement Parties</b>				Signature <i>T. Hanson</i>		Mo. Day Year <b>05 05 99</b>			
17. Transporter 1 (Acknowledgement of Receipt of Materials)				Printed/Typed Name <b>LEON GULIANI</b>		Signature <i>Leon Guliani</i>		Mo. Day Year <b>05 05 99</b>	
18. Transporter 2 (Acknowledgement or Receipt of Materials)				Printed/Typed Name		Signature		Mo. Day Year	
19. Discrepancy Indication Space <b>Quantity Received 13.15 tons</b>									
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.									
Printed/Typed Name <b>Patrick Omilian</b>				Signature <i>Patrick Omilian</i>		Mo. Day Year <b>05 05 99</b>		Agent for <b>CECOS</b>	

In case of emergency or spill immediately call the National Response Center (800) 424-9602 and the N.Y. Dept. of Environmental Conservation (516) 457-7382.

STATE OF NEW YORK  
DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
DIVISION OF HAZARDOUS SUBSTANCES REGULATION  
**HAZARDOUS WASTE MANIFEST**  
P.O. Box 12820, Albany, New York 12212

Form Approved. OMB No. 2050-0039. Expires 9-30-94

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In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the N.Y. Dept. of Environmental Conservation (518) 457-7362.

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA No. <b>NY D 000 31 1 6 39 0 0 0 36</b>		Manifest Document No. <b>36</b>	2. Page 1 of 1	Information in the shaded areas is not required by Federal Law.	
3. Generator's Name and Mailing Address <b>PAS-Sewage Site Participation Agreement Parties c/o EEL Environmental Services, Inc. Attn: L.W. McBurney 6723 Tompash Road, P.O. Box 64, Syracuse, NY 13214-0064</b>					A. State Manifest Document No. <b>NY B 556473 5</b>		
4. Generator's Phone <b>(315) 444-9120</b>					B. Generator's ID <b>Facilities Abatement Services Site, C. Sewer St., Genesee</b>		
5. Transporter 1 (Company Name) <b>Buffalo Fuel Corp.</b>		6. US EPA ID Number <b>NY R 0 0 0 0 0 5 7 2 4</b>		C. State Transporter's ID <b>86217D NY</b>		D. Transporter's Phone <b>(800) 677-6005</b>	
7. Transporter 2 (Company Name)		8. US EPA ID Number		E. State Transporter's ID		F. Transporter's Phone	
9. Designated Facility Name and Site Address <b>Cecos International, Inc. 5600 Niagara Falls Boulevard Niagara Falls, NY 14304</b>					10. US EPA ID Number <b>NY D 0 0 0 0 3 3 6 2 A 1</b>		
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)					12. Containers	13. Total Quantity	14. Unit
a. <b>20, Waste, Environmentally Hazardous Substance, Liquid, 9, 2.2.2., UN3082, PG III, Multi-Source Leachate, F019 (Benzene, Toluene, Xylene)</b>					No. Type		Wt/Vol
						<b>52</b>	
					<b>00 1 TT</b>	<b>08600</b>	<b>g</b>
J. Additional Descriptions for Materials listed Above					K. Handling Codes for Wastes Listed Above		
a. <b>Water 99%, Toluene 0.00001%</b>					a	<input checked="" type="checkbox"/>	c
b. <b>Xylene 0.001%, Benzene 0.00001%</b>					b	<input type="checkbox"/>	d
15. Special Handling Instructions and Additional Information							
<b>Emergency Response Refer to ERG-31</b>					<b>Product Code: 12103-1A1</b>		
<b>24-hour Contact: (800) 677-6005</b>					<b>Work Order No.: 282343</b>		
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am a large quantity generator, I certify that I have program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a small generator, I have made a good faith effort to minimize my waste and select the best waste management method that is available to me and that I can afford.							
Printed/Typed Name <b>T. Henson - As Agent for PAS Site Participation Agreement Parties</b>				Signature <i>T. Henson</i>		Mo. Day Year <b>06 09 99</b>	
17. Transporter 1 (Acknowledgement of Receipt of Materials)				Printed/Typed Name <b>Charles Blain</b>		Signature <i>Charles Blain</i>	
18. Transporter 2 (Acknowledgement or Receipt of Materials)				Printed/Typed Name		Signature	
19. Discrepancy Indication Space				Quantity Received <b>21.20 tons</b>			
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.				BLASLAND, BOUCK & LEE, INC. ROCHESTER, NY			
Printed/Typed Name <b>Patrick Omilian</b>				Signature <i>Patrick Omilian</i>		Mo. Day Year <b>06 09 99</b>	

**HAZARDOUS WASTE MANIFEST**

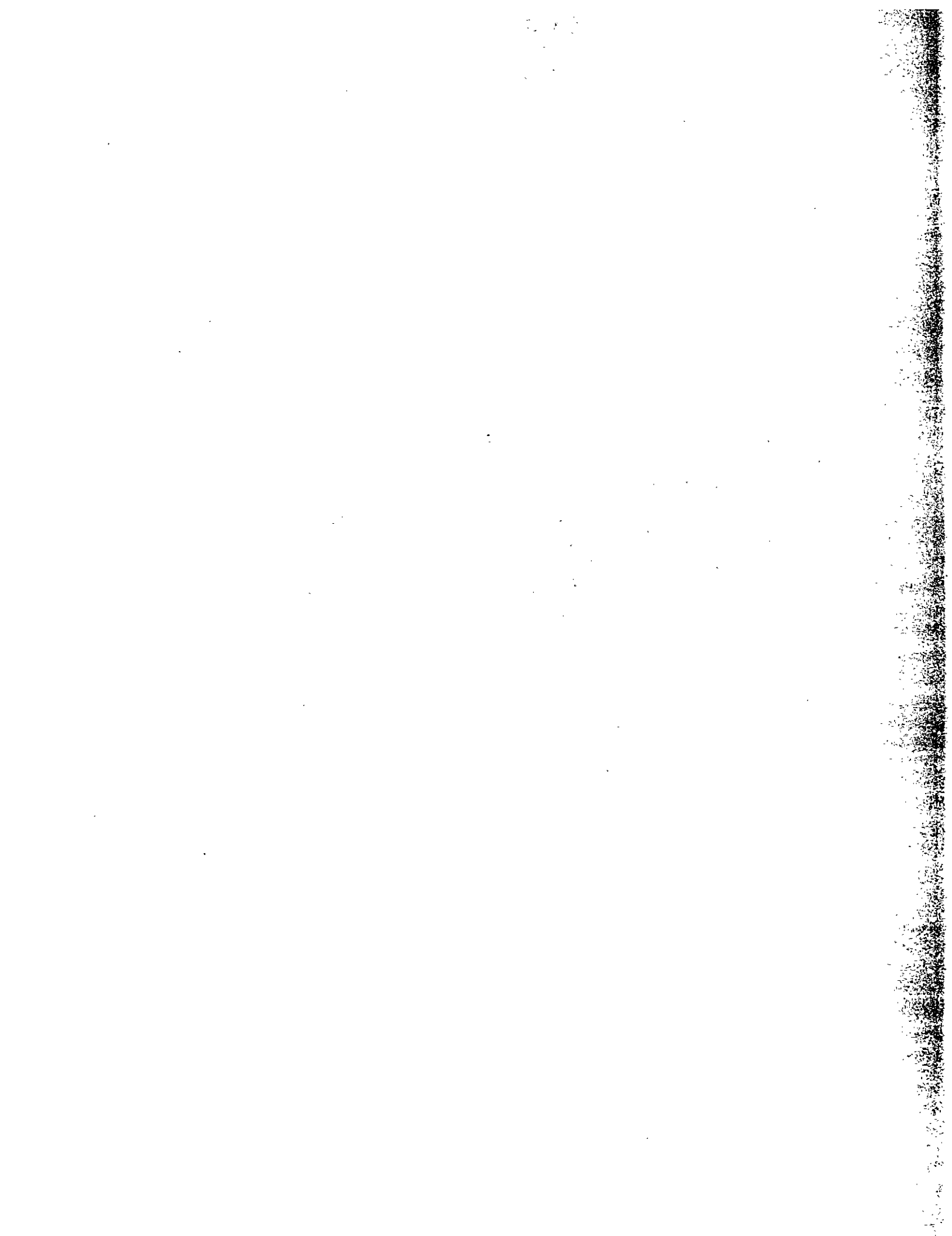
P.O. Box 12820, Albany, New York 12212

Form Approved. OMB No. 2050-0039. Expires 9-30-94

Please print or type. Do not Staple.

In case of emergency or spill immediately call the National Response Cent (800) 424-8802 and the N.Y. Dept. of Environmental Conservation (518) 457-7362.

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA No. <b>NY 00005116300007</b>		Manifest Document No. <b>7</b>		2. Page 1 of 1		Information in the shaded areas is not required by Federal Law.		
3. Generator's Name and Mailing Address <b>PAS Waste Site Participation Agreement Parties c/o SML Environmental Services, Inc. Attn: L.J. McBurney 6723 Inman Road, P.O. Box 66, Syracuse, NY 13214-0066</b>						A. State Manifest Document No. <b>NY B 565474 4</b>				
4. Generator's Phone (315) 446-9128						B. Generator's ID <b>Pollution Abatement Services Site, E. Seneca St., Seneca</b>				
5. Transporter 1 (Company Name) <b>Buffalo Fuel Corp.</b>				6. US EPA ID Number <b>NY 0000003724</b>		C. State Transporter's ID <b>99423F003</b>		D. Transporter's Phone (800) 677-8083		
7. Transporter 2 (Company Name)				8. US EPA ID Number		E. State Transporter's ID		F. Transporter's Phone ( )		
9. Designated Facility Name and Site Address <b>CECOS International, Inc. 3600 Niagara Falls Boulevard Niagara Falls, NY 14304</b>						10. US EPA ID Number <b>NY 0000336201</b>		G. State Facility's ID		
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)						12. Containers		13. Total	14. Unit	I.
						No. Type		Quantity	WT/Vol	Waste No.
a. <b>20, Units, Environmentally Hazardous Substances, Liquid, 9, 2.000, UN302, PC III, Multi-Source Leachate, PCB (Benzene, Toluene, Xylene)</b>						0 1 T T		0.5200	G	EPA Waste No. <b>PCB</b>
b.										EPA STATE
c.										EPA STATE
d.										EPA STATE
J. Additional Descriptions for Materials Listed Above						K. Handling Codes for Wastes Listed Above				
Water 99%, Toluene 0.000450								T		
a. Xylene 0.0018, Benzene 0.000070						c			c	
b.						d			d	
15. Special Handling Instructions and Additional Information <b>Emergency Response Refer to EPC-31 24-Hour Contact: (800) 677-8083</b>						<b>Product Codes 12185-AAB Work Order No. 282344</b>				
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am a large quantity generator, I certify that I have program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a small generator, I have made a good faith effort to minimize my waste and select the best waste management method that is available to me and that I can afford.										
Printed/Typed Name <b>L. HENSON - As Agent for PAS Site Participation Agreement Parties</b>				Signature <i>L. Henson</i>		Mo. Day Year <b>06 09 99</b>				
17. Transporter 1 (Acknowledgement of Receipt of Materials)				Printed/Typed Name <b>JOHN GIESSELI</b>		Signature <i>John Giessele</i>		Mo. Day Year <b>06 09 99</b>		
18. Transporter 2 (Acknowledgement or Receipt of Materials)				Printed/Typed Name		Signature		Mo. Day Year		
19. Discrepancy Indication Space <b>Quantity Received 21.49 tons</b>										
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.						<b>BLASLAND BOUNICK &amp; LEE, INC. ROCHESTER, NY</b>				
Printed/Typed Name <b>Patrick Omilian</b>				Signature <i>Patrick Omilian</i>		Mo. Day Year <b>06 09 99</b>				



STATE OF NEW YORK  
DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
DIVISION OF HAZARDOUS SUBSTANCES REGULATION

**HAZARDOUS WASTE MANIFEST**  
P.O. Box 12820, Albany, New York 12212

Form Approved OMB No. 2050-0039 Expires 9-30-94  
HOOKER/LEW MA  
STEE INC

Please print or type. Do not Staple.

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA No. NY 20 00 045 11 63 300 0 20		Manifest Document No. 28		2. Page 1 of 1		Information in the shaded areas is not required by Federal Law.																															
3. Generator's Name and Mailing Address <b>PAS Garage Site Participation Agreement Parties c/o EEL Environmental Services, Inc. Attn: L.M. McMorney 6723 Trenchard Road, P.O. Box 46, Syracuse, NY 13214-0046</b>						A. State Manifest Document No. NY-B 568475 3																																	
4. Generator's Phone (315) 446-9120						B. Generator's ID Participation Agreement Garage Site, E. Trenchard St., Garage																																	
5. Transporter 1 (Company Name) <b>Buffalo Fuel Corp.</b>			6. US EPA ID Number NY 20 00 045 72 4			C. State Transporter's ID 862170 (M)		D. Transporter's Phone (518) 477-6005																															
7. Transporter 2 (Company Name)			8. US EPA ID Number			E. State Transporter's ID		F. Transporter's Phone																															
9. Designated Facility Name and Site Address <b>CECOS International, Inc. 3600 Niagara Falls Boulevard Niagara Falls, NY 14304</b>						10. US EPA ID Number NY 20 00 03 35 24 8		G. State Facility's ID																															
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)						12. Containers		13. Total Quantity		14. Unit Wt/Vol																													
						No.		Type		Quantity		Wt/Vol		Waste No.																									
						a.		b.		c.		d.		EPA																									
						STATE		STATE		STATE		STATE		STATE																									
						EPA		EPA		EPA		EPA		EPA																									
J. Additional Descriptions for Materials Listed Above						K. Handling Codes for Wastes Listed Above																																	
a. <b>Water 99%, Toluene 0.0000%</b>						a. <input checked="" type="checkbox"/> T <input type="checkbox"/> C <input type="checkbox"/> D																																	
b. <b>Xylene 0.0011%, Benzene 0.0000%</b>						b. <input type="checkbox"/> T <input type="checkbox"/> C <input type="checkbox"/> D																																	
15. Special Handling instructions and Additional Information						Product Codes 11285-AAS																																	
<b>Emergency Response Refer to ERG-31</b>						Work Order No.: 282390																																	
24-Hour Contacts (800) 677-6003																																							
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.																																							
If I am a large quantity generator, I certify that I have program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a small generator, I have made a good faith effort to minimize my waste and select the best waste management method that is available to me and that I can afford.																																							
Printed/Typed Name <b>J. Hanson - As Agent for PAS Site Participation Agreement Parties</b>					Signature <i>J. Hanson</i>					Mo. Day Year <b>062399</b>																													
17. Transporter 1 (Acknowledgement of Receipt of Materials)					Printed/Typed Name <b>Charles Olson</b>					Signature <i>Charles Olson</i>					Mo. Day Year <b>062399</b>																								
18. Transporter 2 (Acknowledgement or Receipt of Materials)					Printed/Typed Name					Signature					Mo. Day Year																								
19. Discrepancy Indication Space										Quantity Received <b>22.07 tons</b>																													
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.										Printed/Typed Name <b>Patrick Omligan</b>										Signature <i>Patrick Omligan</i> Agent for <b>CECOS</b>										Mo. Day Year <b>062399</b>									

In case of emergency or spill immediately call the National Response Center (1) 424-6802 and the N.Y. Dept. of Environmental Conservation (516) 457-7362.



STATE OF NEW YORK  
 DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
 DIVISION OF HAZARDOUS SUBSTANCES REGULATION  
**HAZARDOUS WASTE MANIFEST**  
 P.O. Box 12820, Albany, New York 12212

Form Approved: OMB No. 2050-0039. Expires 9-30-94

Please print or type. Do not Staple.

In case of emergency or spill immediately call the National Response Center (1) 424-8802 and the N.Y. Dept. of Environmental Conservation (518) 457-7362.

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA No. <b>NY 000 05 1 8 6 5 9 0 0 0 0 2 7</b>		Manifest Document No. <b>27</b>		2. Page 1 of 1		Information in the shaded areas is not required by Federal Law.			
3. Generator's Name and Mailing Address <b>PAS Geopac Site Participation Agreement Parties c/o EN Environmental Services, Inc. Attn: L.N. McBurney 677 Tompess Road, P.O. Box 64, Syracuse, NY 13214-0064</b>						A. State Manifest Document No. <b>NY/B 566477 1</b>					
4. Generator's Phone <b>315 446-9120</b>						B. Generator's ID <b>Service Site, 2. Kenos St., Geopac</b>					
5. Transporter 1 (Company Name) <b>Buffalo Fuel Corp.</b>				6. US EPA ID Number <b>NY 20 00 04 57 2 4</b>		C. State Transporter's ID <b>609265 NY</b>					
7. Transporter 2 (Company Name)				8. US EPA ID Number		D. Transporter's Phone <b>(800) 477-8003</b>					
9. Designated Facility Name and Site Address <b>CECOS International, Inc. 5400 Niagara Falls Boulevard Niagara Falls, NY 14304</b>						10. US EPA ID Number <b>NY 00 20 3 2 6 2 4 1</b>					
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number) <b>a. 8Q, Waste, Environmentally Hazardous Substance, Liquid, 9, 2.2.2., UN3082, PG III, Multi-Source Leachate, F039 (Benzene, Toluene, Xylene)</b>						12. Containers No. <b>0101</b> Type <b>TT</b>		13. Total Quantity <b>052.00 c</b>		14. Unit Wt/Vol	
										Waste No. EPA <b>F039</b> STATE	
J. Additional Descriptions for Materials listed Above <b>a. Water 99%, Toluene 0.0000%</b> <b>b. Xylene 0.0019%, Benzene 0.0007%</b>						K. Handling Codes for Wastes Listed Above <b>a. T</b> <b>c.</b>					
15. Special Handling Instructions and Additional Information <b>Emergency Response Refer to EPC-31</b> <b>24-Hour Contact: (800) 477-8003</b>						<b>Product Codes: 12285-448</b> <b>Work Order No.: 282391</b>					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am a large quantity generator, I certify that I have program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a small generator, I have made a good faith effort to minimize my waste and select the best waste management method that is available to me and that I can afford.											
Printed/Typed Name <b>T. Herson</b> <b>for PAS Site Participation Agreement Parties</b>				Signature <i>T. Herson</i>		Mo. Day Year <b>06 23 99</b>					
17. Transporter 1 (Acknowledgement of Receipt of Materials) Printed/Typed Name <b>JOHN GIESELER</b>				Signature <i>John Gieseler</i>		Mo. Day Year <b>06 23 99</b>					
18. Transporter 2 (Acknowledgement or Receipt of Materials) Printed/Typed Name				Signature		Mo. Day Year					
19. Discrepancy Indication Space <b>Quantity Received 21.57 tons</b>											
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. Printed/Typed Name <b>Patrick Amilian</b>											
Signature <i>Patrick Amilian</i>				Agent for <b>CECOS</b>		Mo. Day Year <b>06 23 99</b>					

## ***Attachment 4***

**BBL ENVIRONMENTAL SERVICES, INC.**

---

# ***Waste Treatment/Disposal Certification***

• BOX VANS • F. STREDS • LOWBOYS

No. 000360

5

CFE

1000 UNITARY

LIST PRICE

130.00

130.00

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130.00

2062

Unit Qty Unit Extended

SPC 34.33

has Spring

SIGNATURE



CECOS

No.: 000862

CECOS INTERNATIONAL, INC.  
5600 NIAGARA FALLS BLVD.  
NIAGARA FALLS, NY 14304

Date : 04-08-99 Time In: 09:23:21 Time Out: 10:33:47  
Ticket # : A24513 CMS # : 0000042 LMS #: 0000100  
Customer : SEE GENERATOR  
Vehicle # : B06626 Lic Plates:

CECOS  
Manifest # : PO #: Transporter: BFC  
Source Cd : Generator : CNY CECOS OF NEW YORK  
Comment : BUFFALO FUEL Operator: PAM SCOTT  
Scale In # : 1 Scale Out #: 1  
Gross Wt : 48.27 Tare Wt: 18.82 Net Wt: 21.45 t

Item	Descr	Bill Qty	g/Unit	Extended
SPC	SPC	21.45	t	

Spring has Sprung!!!!

#282239  
Wo

SIGNATURE: *[Handwritten Signature]*

48-14-1 (3/78)-71

Please print or type.

STATE OF NEW YORK  
DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
DIVISION OF HAZARDOUS SUBSTANCES



No.: 000922

CECOS

CECOS INTERNATIONAL, INC.  
5600 NIAGARA FALLS BLVD.  
NIAGARA FALLS, NY 14304

Date : 04-21-99 Time In: 13:49:16 Time Out: 16:04:49  
 Ticket # : A25906 CNS # : 0000042 LMS # : 0000100  
 Customer : SEE GENERATOR  
 Vehicle # : 000458 Lic Plate:  
 CECOS  
 Manifest # : PO # : Transporter: BFC  
 Source Cd : Generator : CMY CECOS OF NEW YORK  
 Content : BUFFALO FUEL Operator: ALBERT SMITH  
 Scale In # : Manual Scale Out # : 1  
 Gross Wt : 38.47 Tare Wt : 15.54 Net Wt : 22.93 t

Item	Descr	Bill Qty	\$/Unit	Extended
SPC	SPC	22.93 t		

Spring has Sprung!!!!

WO # 282240

SIGNATURE:

Post-It™ brand fax transmittal memo 7671 # of pages 2

To	Doug Russet
From	Patrick Omlin
Co.	CECOS
Phone #	716 282 2676 x220
Fax #	716 292 6715

*See 1st page*

No.: 000921



CECOS INTERNATIONAL, INC.  
8600 NIAGARA FALLS BLVD.  
NIAGARA FALLS, NY 14304

Date: 04-21-99 Time In: 13:41:23 Time Out: 15:29:23  
 Ticket #: 120784 DMS #: 0000042 LMS #: 0000100  
 Customer: SEE GENERATOR  
 Vehicle #: 000021 Lic Plates:

Manifest #: PO #: Transporters: BFC  
 Source Cd: Generator: CHY CECOS OF NEW YORK  
 Comment: BUFFALO FUEL Operator: ALBERT SMITH  
 Scale In #: 1 Scale Out #: 1  
 Gross Wt: 48.41 Tare Wt: 18.42 Net Wt: 21.99 t

Item	Driver	Bill Qty	\$/Unit	Extended
SFC	SFC	21.99 t		Extended

Spring has Sprung!!!!

WO# 282241

SIGNATURE: *[Handwritten Signature]*



CECOS

No.: 000967

Date : 05-05-99 Time In: 13:59:31 Time Out: 15:04:17  
 Lot # : R27690 OIS # : 0000042 LIS # : 0000100  
 Customer : SEE GENERATOR  
 Vehicle # : 000427 Lic Plate:

CECOS INTERNATIONAL, INC.  
 5500 NIAGARA FALLS BLVD.  
 NIAGARA FALLS, NY 14304

Manifest # : PO # : Transporters: BFC  
 Source Cd : Generator : CRY CECOS OF NEW YORK  
 Comment : BFC Operator: ALBERT SMITH  
 Scale In # : Manual Scale Out # : 1  
 Gross Wt : 37.60 Tare Wt: 15.99 Net Wt: 21.61 t

Item	Descr	Bill Qty	\$/Unit	Extended
SPC	SPC	21.61 t		

Woff 282340

Spring has Sprung!!!!

SIGNATURE:



CECOS

No.: 000970

Date : 05-06-99 Time In: 09:03:43 Time Out: 10:23:09  
Ticket # : A27787 CDS # : 0000042 LMS #: 0000100  
Customer : SEE GENERATOR  
Vehicle # : 000436 Lic Plate:

CECOS INTERNATIONAL, INC.  
5600 NIAGARA FALLS BLVD.  
NIAGARA FALLS, NY 14304

CECOS  
Manifest # : PD #: Transporter: BFC  
Source Cd : Generator : CNY CECOS OF NEW YORK  
Comment : BUFFALO FUEL Operator: PAM SCOTT  
Scale In # : Manual Scale Out #: 1  
Gross Wt : 38.09 Tare Wt: 16.23 Net Wt: 21.86 t

Item	Descr	Bill Qty	\$/Unit	Extended
SPC	SPC	21.86 t		

WOFF 282341

Spring has Sprung!!!!

SIGNATURE: 

Post-It™ brand fax transmittal memo 7671		# of pages	2
To	Doug Russet	From	Patrick Omlin
Co.	BBL Enviro.	Co.	CECOS
Dept.		Phone #	716 282 2676 x220
Fax #	716 292 6715	Fax #	



Date : 05-05-99 Time In: 15:10:46  
Ticket # : 027709 CMS # : 0000042  
Destination : SEE GENERATOR  
Vehicle # : 006885

Time Out: 15:55:50  
LMS #: 0000100  
Lic Plate:

CECOS INTERNATIONAL, INC.  
5600 NIAGARA FALLS BLVD.  
NIAGARA FALLS, NY 14304

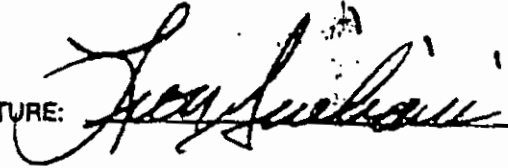
Manifest # : 566472 6 PO #: Transporter: BFC  
Source Cd : Generator : CNY CECOS OF NEW YORK  
Comment : BFC Operator: ALBERT SMITH  
Scale In #: 1 Scale Out #: 1  
Gross Wt : 31.70 Tare Wt: 18.55 Net Wt: 13.15 t

Item	Descr	Bill Qty	U/Unit	Extended
SPC	SPC	13.15 t		

WO# 282342

Spring has Sprung!!!!

SIGNATURE:





CECOS

No.: 001043

Date : 06-09-99 Time In: 14:41:31 Time Out: 15:51:07  
 Ticket # : A31938 CMS # : 0000042 LKS # : 0000100  
 Customer : SEE GENERATOR  
 File # : 000452 Trailer #: 100COM Lic Plates:


CECOS INTERNATIONAL, INC.  
 5600 NIAGARA FALLS BLVD.  
 NIAGARA FALLS, NY 14304

CECOS  
 Manifest # : 566473 5 PO #: Transporter: HAZ  
 Source Cd : Generator : CHY CECOS OF NEW YORK  
 Moment : HAZ Operator: ALBERT SMITH  
 Scale In # : 1 Scale Out #: 1  
 Gross Wt : 37.41 Tare Wt: 16.21 Net Wt: 21.20 t

Item	Descr	Bill Qty	#/Unit	Extended
SPC	SPC	21.20	t	

Landfill Open House  
 Saturday June 12th

W0# 282343

SIGNATURE: 

date : 06-09-99 Time In: 14:56:10 Time Out: 16:18:38  
ticket # : A31941 CMS # : 0000042 LMS #: 0000100  
customer : SEE GENERATOR  
vehicle # : 001503 Lic Plate:


To: Doug Russett	From: Pat Omilian
Co: BBL Environmental	Co: CECOS
Dept:	Phone # 716 282-2676 Ext. 220
Fax # 716 292 6715	Fax #

manifest # : 566474 4 PO #: Transporter: BFC  
source Cd : Generator : CHY CECOS OF NEW YORK  
movement : BFC Operator: ALBERT SMITH  
scale in # : 1 Scale Out #: 1  
gross Wt : 48.38 Tare Wt: 18.89 Net Wt: 21.49 t

Item	Descr	Bill Qty	\$/Unit	Extended
PC	SPC	21.49 t		

Landfill Open House  
Saturday June 12th

WO# 282344

SIGNATURE: 

BFI CECOS

June 23. 99 @ 3:00pm in

BFC # 452

4:25 pm out

00/24/99 01.43 L. 01/01 NO:445

Post-It™ brand fax transmittal memo 7571		# of pages > 1
To Doug Russet	From Pat Omlian	
Co. BBL Environmental	Co. CECOS	
Dept.	Phone # 716 282-2676	Ext. 220
Fax # 716 292 6715	Fax #	

GR 38.29

TA 16.22

wo#282390

22.07 NET

Pam

SIGNATURE: 

June 23. 99 @ 3:45pm in

BFC # 454 4:55pm out



No.: 001069

CECOS INTERNATIONAL, INC.  
5500 NIAGARA FALLS BLVD.  
NIAGARA FALLS, NY 14304

GR 40.11

TA 18.54

wo# 282391

21.57 net

Pam



## **Attachment 5**

---

### Long-Term Monitoring Analytical Results

# BBL

## ENVIRONMENTAL SERVICES, INC.

Remedial Action • Management and Construction

*Transmitted Via U.S. Mail*

June 9, 1999

Mr. Mark Valentine  
de maximis, inc.  
10243 Sunrise Place  
Bainbridge Island, WA 98110

Re: PAS - Oswego, New York  
Semiannual Sampling Event  
Project #: 0546.54619 #

Dear Mr. McClarnon:

BBL Environmental Services, Inc. (BBLES) has prepared this letter to summarize the semiannual sampling events performed on May 3 and 4, 1999, at the PAS Site in Oswego, New York. BBLES collected semiannual ground-water samples (LR-6, LR-8, M-21, M-25, and M-26) and leachate samples (LCW-2 and LCW-4) in accordance with Appendix K of the "Operation and Maintenance and Long-Term Monitoring Plan" (BBLES, August 1998). Field data sheets for the samples collected are included as Attachment A.

The laboratory analytical data packages are presented as Attachment B to this letter for your records.

If you have any questions, please contact me at (716) 292-6740.

Sincerely,

BBL ENVIRONMENTAL SERVICES, INC.



William B. Popham  
Principal Engineer

DMR/mwc  
Attachments  
20591592.WPD

cc: Mr. Lowell McBurney, BBL Environmental Services, Inc.  
Mr. Douglas M. Ruszczyk, BBL Environmental Services, Inc.

# ***Attachment A***

**BBL ENVIRONMENTAL SERVICES, INC.**

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LR-6

Appendix B  
BBL Environmental Services, Inc.  
PAS Site  
Oswego, New York

Operation and Maintenance and Long-Term Monitoring Plan

Ground-Water Sampling Field Data Sheet

Sample Identifier: \_\_\_\_\_

Site Name: PAS SITE OSWEGO

Date: 4/5/99

Time: \_\_\_\_\_

Personnel: DH

Weather: \_\_\_\_\_

Sample Location: LR-6

Screen/Sample Depth: \_\_\_\_\_

Sampling Device: GRONFOS PUMP / DEDICATED TUBING

Ground-Water Purging

Initial Static Water Level: 11.19 WELL DEPTH 60.33

Well Volume: \_\_\_\_\_

2-Inch Casing:  Feet of Water x 0.16 Gallon/Foot = \_\_\_\_\_ Gallons

3-Inch Casing: \_\_\_\_\_ Feet of Water x 0.36 Gallons/Foot = \_\_\_\_\_ Gallons

4-Inch Casing: \_\_\_\_\_ Feet of Water x 0.65 Gallons/Foot = \_\_\_\_\_ Gallons

Volume of ground water purged: 5 GALLONS

Purging Device: GRONFOS PUMP

Purge Water Disposition (e.g., contained): LEACHATE COLLECTION TANK

Sample Description: \_\_\_\_\_

Color: \_\_\_\_\_

Odor: \_\_\_\_\_

Other: \_\_\_\_\_

Sample Analyzed for: 821023

QC Samples at this Location: \_\_\_\_\_

QC Samples Analyzed for: \_\_\_\_\_

Field Tests

Time 920 925 930 935 940 945 950  
Redox Potential (mV): -3.4, -67.2, -71.2, -80.1, -90.2, -93.6, -97.6

pH: 5.46, 6.34, 6.43, 6.69, 6.88, 6.94, 6.97

Conductivity (uS/cm): 123.40, 1277.0, 1273.0, 1218.0, 1213.0, 1210.0, 1206.0

Turbidity (NTU): 53.2, 24.1, 21.0, 11.5, 9.9, 2.0, 0.5

Dissolved Oxygen (mg/l): 2.75, 0.75, 0.70, 0.62, 0.53, 0.48, 0.44

PID (ambient): 0.0

Comments: Temp - - - 12.00 11.99 12.18 12.19



LR-8

Appendix B  
BBL Environmental Services, Inc.  
PAS Site  
Oswego, New York

Operation and Maintenance and Long-Term Monitoring Plan

Ground-Water Sampling Field Data Sheet

Sample Identifier: \_\_\_\_\_

Site Name: PAS SITE, OSWEGO NY

Date: 5/4/99

Time: 1355

Personnel: FAS

Weather: \_\_\_\_\_

Sample Location: LR-8

Screen/Sample Depth: \_\_\_\_\_

Sampling Device: GRANFOS PUMP / DEDICATED TUBING

Ground-Water Purging

Initial Static Water Level: 10.88

Well Volume: \_\_\_\_\_

2-Inch Casing: / Feet of Water x 0.16 Gallon/Foot = \_\_\_\_\_ Gallons

3-Inch Casing: \_\_\_\_\_ Feet of Water x 0.36 Gallons/Foot = \_\_\_\_\_ Gallons

4-Inch Casing: \_\_\_\_\_ Feet of Water x 0.65 Gallons/Foot = \_\_\_\_\_ Gallons

Volume of ground water purged: 10 GALS

Purging Device: GRANFOS PUMP

Purge Water Disposition (e.g., contained): LEACHATE COLLECTION TANK

Sample Description: \_\_\_\_\_

Color: Clear

Odor: faint leachate

Other: \_\_\_\_\_

Sample Analyzed for: 8260B

QC Samples at this Location: NA

QC Samples Analyzed for: NA

Field Tests	Time: 1400	1402	1404	1408	1410	1415	1420	1425	1430
Redox Potential (mV):	-19.7	-70.2	-102.3	-115.3	-123.5	-125.7	-127.4	-130.9	-134.6
pH:	7.73	7.94	7.61	7.04	6.21	6.21	6.72	6.73	6.73
Conductivity (uS/cm):	937.0	937.0	940.0	1100.0	1022	1362.0	1934.0	1992.0	1930.0
Turbidity (NTU):	0.0	0.0	0.0	0.0	7.6	22.0	26.8	1.8	0.0
Dissolved Oxygen (mg/l):	1.05	0.52	0.43	0.33	0.24	0.28	0.49	0.30	0.32
PID (ambient):	0.0								
Temp:	9.92	10.43	10.58	10.72	10.98	10.79	11.00	11.05	11.13

Comments: removed 10 gal. Sample 1435

M-21

Appendix B  
BBL Environmental Services, Inc.  
PAS Site  
Oswego, New York

Operation and Maintenance and Long-Term Monitoring Plan

Ground-Water Sampling Field Data Sheet

Sample Identifier: \_\_\_\_\_

Site Name: PAS SITE, OSWEGO NY

Date: 5/4/99

Time: 1240

Personnel: TJA

Weather: \_\_\_\_\_

Sample Location: M-21

Screen/Sample Depth: \_\_\_\_\_

Sampling Device: GRANFOS PUMP / DEDICATED TUBING

Ground-Water Purging

Initial Static Water Level: 10.38

Well Volume: \_\_\_\_\_

2-Inch Casing: \_\_\_\_\_ Feet of Water x 0.16 Gallon/Foot = \_\_\_\_\_ Gallons

3-Inch Casing: \_\_\_\_\_ Feet of Water x 0.36 Gallons/Foot = \_\_\_\_\_ Gallons

6-Inch Casing: / Feet of Water x 0.65 Gallons/Foot = \_\_\_\_\_ Gallons

Volume of ground water purged: 156 GALS

Purging Device: GRANFOS PUMP YSI

Purge Water Disposition (e.g., contained): Leachate Collection Tank

Sample Description: \_\_\_\_\_

Color: Clear

Odor: \_\_\_\_\_

Other: \_\_\_\_\_

Sample Analyzed for: 82608

QC Samples at this Location: MS/MSD

QC Samples Analyzed for: \_\_\_\_\_

Field Tests Time: 1232 1245 1250 + 1255 1300 1305 1310 1315 1320

Redox Potential (mV): -102.4 -110.2 -74.0 -125.9 -80.3 -50.7 -45.3 -114.3 -118.1

pH: 7.10 7.08 7.07 7.10 7.17 7.45 7.22 7.20 7.17

Conductivity (uS/cm): 1659.0 1704.0 1620.0 1625.0 1670.0 1384.0 1312 1292

Turbidity (NTU): 333.3 280.9 270.5 182.5 64.9 102.6 59.9 32.7 0.4

Dissolved Oxygen (mg/l): 3.14 1.78 0.67 0.54 0.61 0.46 0.20 1.20

Temp: 10.59 10.22 16.78 12.18 10.56 10.60 10.46 10.45

PID (ambient): 0.0

Comments: Sample 1330

1325  
-121.3  
7.13  
1276.  
0.3  
18  
10.41

M-25

Appendix B  
BBL Environmental Services, Inc.  
PAS Site  
Oswego, New York

Operation and Maintenance and Long-Term Monitoring Plan

Ground-Water Sampling Field Data Sheet

Sample Identifier: \_\_\_\_\_ Site Name: PAS SITE, OSWEGO NY

Date: 5/4/99 Time: 1140

Personnel: TJH, PAS

Weather: OVERCAST TD'S

Sample Location: M-25

Screen/Sample Depth: \_\_\_\_\_

Sampling Device: GRONFOS / MEDICAL TUBING

Ground-Water Purging

Initial Static Water Level: 8.21

Well Volume: \_\_\_\_\_

2-Inch Casing: \_\_\_\_\_ Feet of Water x 0.16 Gallon/Foot = \_\_\_\_\_ Gallons

3-Inch Casing: \_\_\_\_\_ Feet of Water x 0.36 Gallons/Foot = \_\_\_\_\_ Gallons

4-Inch Casing: / Feet of Water x 0.65 Gallons/Foot = \_\_\_\_\_ Gallons

Volume of ground water purged: \_\_\_\_\_

Purging Device: GRONFOS PUMP

Purge Water Disposition (e.g., contained): LEACHATE COLLECTION TANK

Sample Description: \_\_\_\_\_

Color: Clear

Odor: Chemical - Foul

Other: \_\_\_\_\_

Sample Analyzed for: 8260B

QC Samples at this Location: 8

QC Samples Analyzed for: \_\_\_\_\_

Field Tests Time 1142 1144 1146 1150 1155 1200 1205 1210 1214

Redox Potential (mV): -76.2 -102.6 -115.1 -123.6 -132.7 -139.1 -143.7 -147.1 -149.3

pH: 6.10 6.102 6.89 6.96 7.06 7.08 7.09 7.10 7.09

Conductivity (uS/cm): 1040.0 1082.0 1092.0 1066.0 1073.0 1070.0 1066.0 1064.0 1141.0

Turbidity (NTU): 50.0 71.9 124.9 1153 168.1 85.3 8.7 46.8 5.9

Dissolved Oxygen (mg/l): 2.40 0.91 0.77 0.72 0.43 0.32 6.29 0.27 0.25

Temp (ambient): 10.41 10.68 11.14 11.65 11.90 12.06 11.91 12.38 12.45

Comments: Sample @ 1215

M-26

Appendix B  
BBL Environmental Services, Inc.  
PAS Site  
Oswego, New York

Operation and Maintenance and Long-Term Monitoring Plan

Ground-Water Sampling Field Data Sheet

Sample Identifier: \_\_\_\_\_ Site Name: PAS SITE

Date: 4/5/99 Time: 800

Personnel: TXL, PAS

Weather: overcast 70's

Sample Location: M-26

Screen/Sample Depth: M.D. screen

Sampling Device: GRONFOS pump, DEDICATED TUBING

Ground-Water Purging

Initial Static Water Level: 11.95

Well Volume: \_\_\_\_\_

2-Inch Casing: \_\_\_\_\_ Feet of Water x 0.16 Gallon/Foot = \_\_\_\_\_ Gallons

3-Inch Casing: \_\_\_\_\_ Feet of Water x 0.36 Gallons/Foot = \_\_\_\_\_ Gallons

6-Inch Casing: / Feet of Water x 0.65 Gallons/Foot = \_\_\_\_\_ Gallons

Volume of ground water purged: 76 GALS

Purging Device: GRONFOS pump

Purge Water Disposition (e.g., contained): LEACHATE COLLECTION TANK

Sample Description: \_\_\_\_\_

Color: clear

Odor: none

Other: \_\_\_\_\_

Sample Analyzed for: 8260B

QC Samples at this Location: None

QC Samples Analyzed for: None

Field Tests	Time	805	810	815	820	825	830	835
Redox Potential (mV):		62.1	71.2	146.7	72.0	73.0	74.1	76.3
pH:		7.41	7.02	6.92	7.03	6.92	6.91	6.89
Conductivity (uS/cm):		SP 89.0	623.0	621.0	604.0	615.0	617.0	620
Turbidity (NTU):		15.0	13.8	19.8	22.4	4.5	2.4	7.5
Dissolved Oxygen (mg/l):		10.35	9.11	8.16	8.32	8.04	7.94	7.86
PID (ambient):		0.0						
Temp		10.72	9.68	10.26	9.08	9.14	9.27	9.47

Sample ID: 8260

SUBJECT	PROJ. NO.	BY	DATE	SHEET
PAS SITE OSWEGO NY (LEACHATE SAMPLING)	54619	JH	5/3/99	

DESIGNED BY \_\_\_\_\_; DATE \_\_\_\_\_ CHECKED BY \_\_\_\_\_; DATE \_\_\_\_\_

WATER QUALITY MEASUREMENTS

LCW-4

LCW-2

PH 6.20  
TRIBIDITY 9  
COND. 4.52  
D.O. 2.73  
TEMP °C 10.5

7.13  
15  
1.93  
4.14  
9.7

# ***Attachment B***

**BBL ENVIRONMENTAL SERVICES, INC.**

---



6601 Kirkville Road  
E. Syracuse, NY 13057-0369  
Phone: (315) 432-5227  
Fax: (315) 437-0571  
www.galsonlabs.com

May 26, 1999

DOH ELAP# 11626

Mr. Lowell McBurney  
Blasland, Bouck & Lee  
6723 Towpath Road  
Box 66  
Syracuse, NY 13214

Re: Client Account# 10624

Login # L50834

Dear Mr. McBurney:

Enclosed are the analytical results of the samples received by our laboratory May 3, 1999. The samples submitted for BOD, COD and TOC were subcontracted to O'Brien & Gere Laboratories, Inc. Their report is enclosed in its entirety.

Please contact our Client Services Department at (315) 437-7252, extension 116, if you would like any additional information regarding this report.

Thank you for using Galson Laboratories.

Sincerely,

Galson Laboratories

A handwritten signature in black ink, appearing to read "F. Joseph Unangst". The signature is written in a cursive style and is positioned above the printed name.

F. Joseph Unangst  
Laboratory Director

Enclosure(s)









VOLATILE ANALYTICAL REPORT

Client : Blasland, Bouck & Lee
Account # : 10624
Site : PAS Site - Oswego, NY

Date Received : 03-MAY-99 Matrix : Water
Date Sampled : 03-MAY-99 Method : SW846 8260
Units : UG/L

Table with 4 columns: Galson ID, Client ID, L50834-1, L50834-2, L50834-3. Rows include chemical names (1,1-Dichloroethane, Benzene, Toluene, Chlorobenzene, Ethylbenzene, m,p-Xylene, o-Xylene) and Dilution Factor/Analysis Date.

Approved by : PJT
Date : 17-MAY-99
QC by : [Signature]
Date : 5/18/99
NYS DOH # : 11626
Footnotes:

J : Estimated value. Value is below quantitation limit.





# Galson Laboratories

## VOLATILE ANALYTICAL REPORT

Client : Blasland, Bouck & Lee  
Account # : 10624  
Site : PAS Site - Oswego, NY

Date Received : 03-MAY-99  
Date Sampled : 03-MAY-99

Matrix : Water  
Method : SW846 8260  
Units : UG/L

Galson ID: QCB050599-1  
Client ID: VBLK1

---

1,1-Dichloroethane	<5
Benzene	<0.7
Toluene	<5
Chlorobenzene	<5
Ethylbenzene	<5
m,p-Xylene	<5
o-Xylene	<5

Dilution Factor 1  
Analysis Date 05/05/99

---

Approved by : PJT  
Date : 17-MAY-99  
QC by : *EJ*  
Date : *5/13/99*  
NYS DOH # : 11626  
Footnotes:





# Galson Laboratories

## INORGANIC ANALYTICAL REPORT

Client : Blasland, Bouck & Lee  
Account # : 10624  
Site : PAS Site - Oswego, NY

Date Received : 03-MAY-99  
Date Sampled : 03-MAY-99

Matrix : Water

Galson ID:			L50834-1	L50834-2
Client ID:			LCW-2	LCW-4
	Method	Units		
T. Suspended Solids	EPA 160.2	mg/L	20	158
T. Dissolved Solids	EPA 160.1	mg/L	1330	2940

Approved by : LM  
Date : 14-MAY-99  
QC by : *ET*  
Date : *13-5-99*  
NYS DOH # : 11626  
Footnotes:

Constant weight was not achieved for the TDS residues due to heavy residue. The TDS residue was orange in color.  
A duplicate was performed on LCW-2; RPD = 1.9%.



# O'Brien & Gere Laboratories, Inc.

# Analytical Results Wet Chemistry

Client: Galson Laboratories  
Project: East Syracuse, New York  
Proj. Desc:

Job No.: 2078.001.517  
Certification NY No.: 10155

Sample: M1467  
Samp. Description: LCW-2

Collected: 05/03/99 08:30      Matrix: Water  
Received: 05/04/99 13:20

<u>Parameter</u>	<u>Result</u> <u>Units</u>	<u>Method</u>	<u>Prepared</u> <u>Analyzed</u>	<u>QC Batch</u>	<u>Note</u>
BOD 5	19. mg/L	EPA 405.1	05/05/99	050599W11	
COD	130. mg/L	EPA 410.4	05/07/99	050799W9	
Total organic carbon	39. mg/L	EPA 415.1	05/12/99	051299W21	

Notes:

Sample: M1468  
Samp. Description: LCW-4

Collected: 05/03/99 08:00      Matrix: Water  
Received: 05/04/99 13:20

<u>Parameter</u>	<u>Result</u> <u>Units</u>	<u>Method</u>	<u>Prepared</u> <u>Analyzed</u>	<u>QC Batch</u>	<u>Note</u>
BOD 5	360. mg/L	EPA 405.1	05/05/99	050599W11	
COD	660. mg/L	EPA 410.4	05/07/99	050799W9	
Total organic carbon	220. mg/L	EPA 415.1	05/12/99	051299W21	

Notes:

J-Estimated value

Authorized: Monika Santucci  
Date: May 18, 1999      Monika Santucci



Table of Contents – Summary Data Package

Blasland, Bouck & Lee  
Project: PAS – Oswego, NY

SDG: L50871  
Login: L50871

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*Supp Box 1  
5/24/00*





6601 Kirkville Road  
E. Syracuse, NY 13057-0369  
Phone: (315) 432-5227  
Fax: (315) 437-0571  
www.galsonlabs.com

Mr. Lowell McBurney  
Blasland, Bouck & Lee  
6723 Towpath Road, Box 66  
Syracuse, NY 13214

RE: PAS Oswego  
SDG L50871

The following package contains the analytical results of the water samples submitted to our laboratory on May 4, 1999. The samples were received intact and under proper chain of custody. The samples were assigned to login and sample delivery group (SDG) L50871.

The samples were reported according to ASP Category B guidelines. Sample M-21 was submitted for matrix spike and spike duplicate analyses. The samples were analyzed by SW846 method 8260 for site specific volatiles.

I certify that this package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the *package review checklist*. Release of the data contained in this hardcopy data package has been authorized by the laboratory manager or manager's designee, as verified by the following signature.

Galson Laboratories

A handwritten signature in black ink, appearing to read "Linda W. Moore". The signature is written in a cursive style with a horizontal line at the end.

Date: June 3, 1999



NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
 SAMPLE IDENTIFICATION AND ANALYTICAL REQUIREMENT SUMMARY

LOGIN : L50871 SDG : L50871 MATRIX : Water

Client Sample Code	Laboratory Sample Code	If CLP, Indicate year of protocol 1991														
		VOA	Hg BNA	Pest/ PCB's	Organophos Phosphides	Chlor. Herb.	T. Dichlo. Carbamates Pest.	Methyl. Carbamates	Organics list #	ETU	Karb.	CN Total	CN Amen.	Metals list #	Dis. Metals list #	Met Chem. list #
M-26	L50871-1	X														
LR-6	L50871-2	X														
M-25	L50871-3	X														
M-21	L50871-4	X														
M-21MS	L50871-5	X														
M-21MSD	L50871-6	X														
LR-8	L50871-7	X														
RINSE BLANK-1	L50871-8	X														
BLIND DUP	L50871-9	X														
TRIP BLANK	L50871-10	X														
MSB	L50871-11	X														

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
 SAMPLE PREPARATION AND ANALYSIS SUMMARY - VOLATILE

Sample ID	Matrix	Date Collected	Date Rec at Lab	Date Extracted	Date Analyzed
BLIND DUP L50871-9	Water	04-MAY-99	04-MAY-99	NA	06-MAY-99
LR-6 L50871-2	Water	04-MAY-99	04-MAY-99	NA	06-MAY-99
LR-8 L50871-7	Water	04-MAY-99	04-MAY-99	NA	05-MAY-99
M-21 L50871-4	Water	04-MAY-99	04-MAY-99	NA	05-MAY-99
M-21MS L50871-5	Water	04-MAY-99	04-MAY-99	NA	05-MAY-99
M-21MSD L50871-6	Water	04-MAY-99	04-MAY-99	NA	05-MAY-99
M-25 L50871-3	Water	04-MAY-99	04-MAY-99	NA	06-MAY-99
M-26 L50871-1	Water	04-MAY-99	04-MAY-99	NA	05-MAY-99
RINSE BLANK-1 L50871-8	Water	04-MAY-99	04-MAY-99	NA	05-MAY-99
TRIP BLANK L50871-10	Water	04-MAY-99	04-MAY-99	NA	05-MAY-99



NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
 SAMPLE PREPARATION AND ANALYSIS SUMMARY - VOLATILE

Sample ID	Matrix	Analytical Protocol	Extraction Method	Auxiliary Clean up	Dil/Conc Factor
BLIND DUP L50871-9	WATER	SW846 8260	NA		1
LR-6 L50871-2	WATER	SW846 8260	NA		1
LR-8 L50871-7	WATER	SW846 8260	NA		1
M-21 L50871-4	WATER	SW846 8260	NA		1
M-21MS L50871-5	WATER	SW846 8260	NA		1
M-21MSD L50871-6	WATER	SW846 8260	NA		1
M-25 L50871-3	WATER	SW846 8260	NA		1
M-26 L50871-1	WATER	SW846 8260	NA		1
RINSE BLANK-1 L50871-8	WATER	SW846 8260	NA		1
TRIP BLANK L50871-10	WATER	SW846 8260	NA		1



**GALSON LABORATORIES**  
6601 Kirkville Road East  
E. Syracuse, NY 13057  
315-432-0506  
800-950-0506

Company Name

**BBL INC.**  
Project Name / Number  
**AS, Oswego NY**

Just-Around Town

- Standard Service
- \* Rush Service

Date requested by:

Ph # (315) - 446-9110  
Fax # (315) - 447-4111

Send Report to: LOWELL MCBURNEY Send Invoice to: LOWELL MCBURNEY

BBL INC

BBL, Inc.

P.O. # 546-19

**Chain of Custody Record**

SAMPLE ID	Date	Time	TYPE	Grab	Aqueous	Soil	Other	Laboratory ID	Number
M-26	5/4/99	840	X	X				150971-1	2
LR-C		955	X	X				150971-2	2
M-25		1315	X	X				150971-3	2
M-21		1330	X	X				150971-4	2
LR-8		1625	X	X				150971-5	2
RINSE BLANK - 1		1615	X	X				150971-6	2
BLIND DUP			X	X				150971-7	2
TRIP BLANK	5/4/99		X	X				150971-8	2
								TRIP BLANK	
									Total Containers - 19

REMARKS: 8260B FOR THE FOLLOWING COMPOUNDS - BENZENE,

CHLOROBENZENE, 1,1-DICHLOROBENZENE, ETHYLBENZENE, TOLUENE, XYLENES

Page 1 of 1

PARAMETERS FOR ANALYSIS

US EPA 8210 Method  
Petroleum Hydrocarbons (C10 and lighter)

OSW/5W

SAMPLER'S NAME: Tina Henson

SAMPLES RELINQUISHED BY:

NAME: Tina Henson DATE: 5/4/99  
SIGNATURE: Tina Henson TIME: 1620

NAME: \_\_\_\_\_ DATE: \_\_\_\_\_  
SIGNATURE: \_\_\_\_\_ TIME: \_\_\_\_\_

NAME: \_\_\_\_\_ DATE: \_\_\_\_\_  
SIGNATURE: \_\_\_\_\_ TIME: \_\_\_\_\_

SIGNATURE: Tina Henson

SAMPLES RECEIVED BY:

NAME: \_\_\_\_\_ DATE: \_\_\_\_\_  
SIGNATURE: \_\_\_\_\_ TIME: \_\_\_\_\_

NAME: \_\_\_\_\_ DATE: 5-4-99  
SIGNATURE: Tina Henson TIME: 4:23pm

NAME: \_\_\_\_\_ DATE: \_\_\_\_\_  
SIGNATURE: \_\_\_\_\_ TIME: \_\_\_\_\_

VOC Pres

Custody Seal Intact?  Yes  No

Shipment Complete?  Yes  No

Temp 15 °C TS TB TM TC

Airbill # 101K

## Organic Data Reporting Qualifiers

- Value - If the result is a value greater than or equal to the detection limit, the value is reported.
- U - Indicates the compound was analyzed for but not detected. The number is the minimum attained detection limit for the sample.
- J - Indicates an estimated value. This flag is used to estimate a concentration for tentatively identified compounds (TICs) where a 1:1 response is assumed or when the mass spectral data indicate identification criteria, but the result is less than the specified detection limit.
- C - Applies to pesticide parameters when the identification has been confirmed by GC/MS.
- NC - Peak not confirmed.
- B - Used when the analyte is found in the method blank, as well as a sample. It indicates possible/probable laboratory contamination and warns the data user to take appropriate action.
- E - Identifies compounds whose concentrations exceed the calibration range of the instruments.
- D - Identifies all compounds analyzed at a secondary dilution.
- A - Indicates that a tentatively identified compound (TIC) is a suspected aldol-condensation product.
- RE - Analysis performed on a re-extracted sample.
- X - Any other specific flags & footnotes that may be required to properly define the results.
- I - Indicates interferences present in the matrix which affected the result.
- P - This flag is used for a pesticide/Aroclor target analyte when there is greater than 25% difference for detected concentrations between the two GC columns (see Form X). The lower of the two values is flagged and reported on Form 1.
- N - Identifies tentatively identified compounds (TICs) where the identification is based on a mass spectral library search.
- NR - Compound not required to be analyzed.
- T - Used to indicate when the analyte is also found in the TCLP Blank.

## **Sample Results**

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

BLIND DUP

ab Name: GALSON LABORATORIES                      Contract: Blasland, B  
 Lab Code:                      Case No.: 1                      SAS No.:                      SDG No.: L50871  
 Matrix: (soil/water) Water                      Lab Sample ID: L50871-9  
 Sample wt/vol: 5                      (g/mL) mL                      Lab File ID: BC050606  
 Level: (low/med) LOW                      Date Received: 05/04/99  
 %Moisture: not dec.                      Date Analyzed: 05/06/99  
 GC Column: HP-624                      ID: .2 (mm)                      Dilution Factor: 1  
 Soil Extract Volume:                      (uL)                      Soil Aliquot Volume:                      (uL)

CONCENTRATION UNITS:  
(ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	UG/L	Q
75-34-3-----	1,1-Dichloroethane	3	J
71-43-2-----	Benzene	.7	U
108-88-3-----	Toluene	5	U
108-90-7-----	Chlorobenzene	5	U
100-41-4-----	Ethylbenzene	5	U
000-00-0-----	m,p-Xylene	5	U
95-47-6-----	o-Xylene	5	U

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

LR-6

Lab Name: GALSON LABORATORIES                      Contract: Blasland, B  
 Lab Code:                      Case No.: 1                      SAS No.:                      SDG No.: L50871  
 Matrix: (soil/water) Water                      Lab Sample ID: L50871-2  
 Sample wt/vol: 5                      (g/mL) mL                      Lab File ID: BC050604  
 Level: (low/med) LOW                      Date Received: 05/04/99  
 %Moisture: not dec.                      Date Analyzed: 05/06/99  
 GC Column: HP-624                      ID: .2 (mm)                      Dilution Factor: 1  
 Soil Extract Volume:                      (uL)                      Soil Aliquot Volume:                      (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L                      Q

CAS NO.	COMPOUND	UG/L	Q
75-34-3-----	1,1-Dichloroethane	3	J
71-43-2-----	Benzene	.7	D
108-88-3-----	Toluene	S	D
108-90-7-----	Chlorobenzene	S	D
100-41-4-----	Ethylbenzene	S	D
000-00-0-----	m,p-Xylene	S	D
95-47-6-----	o-Xylene	S	D

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

LR-8

Lab Name: GALSON LABORATORIES                      Contract: Blasland, B

Lab Code:                      Case No.: 1                      SAS No.:                      SDG No.: L50871

Matrix: (soil/water) Water                      Lab Sample ID: L50871-7

Sample wt/vol: 5                      (g/mL) mL                      Lab File ID: BC050513

Level: (low/med) LOW                      Date Received: 05/04/99

%Moisture: not dec.                      Date Analyzed: 05/05/99

GC Column: HP-624                      ID: .2 (mm)                      Dilution Factor: 1

Soil Extract Volume:                      (uL)                      Soil Aliquot Volume:                      (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-34-3-----	1,1-Dichloroethane	5	U
71-43-2-----	Benzene	29	U
108-88-3-----	Toluene	5	U
108-90-7-----	Chlorobenzene	7	U
100-41-4-----	Ethylbenzene	5	U
000-00-0-----	m,p-Xylene	1	U
95-47-6-----	o-Xylene	5	U

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

M-21

Lab Name: GALSON LABORATORIES

Contract: Blasland, B

Lab Code:

Case No.: 1

SAS No.:

SDG No.: L50871

Matrix: (soil/water) Water

Lab Sample ID: L50871-4

Sample wt/vol: 5 (g/mL) mL

Lab File ID: BC050512

Level: (low/med) LOW

Date Received: 05/04/99

%Moisture: not dec.

Date Analyzed: 05/05/99

GC Column: HP-624 ID: .2 (mm)

Dilution Factor: 1

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

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

75-34-3-----	1,1-Dichloroethane	5	U
71-43-2-----	Benzene	27	
108-88-3-----	Toluene	5	U
108-90-7-----	Chlorobenzene	9	
100-41-4-----	Ethylbenzene	5	U
000-00-0-----	m,p-Xylene	1	U <sub>J</sub>
95-47-6-----	o-Xylene	5	U



1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

M-25

Lab Name: GALSON LABORATORIES

Contract: Blasland, B

Lab Code: Case No.: 1

SAS No.:

SDG No.: L50871

Matrix: (soil/water) Water

Lab Sample ID: L50871-3

Sample wt/vol: 5 (g/mL) mL

Lab File ID: BC050605

Level: (low/med) LOW

Date Received: 05/04/99

%Moisture: not dec.

Date Analyzed: 05/06/99

GC Column: HP-624 ID: .2 (mm)

Dilution Factor: 1

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

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

75-34-3	1,1-Dichloroethane	5	U
71-43-2	Benzene	10	
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	6	
100-41-4	Ethylbenzene	5	U
000-00-0	m,p-Xylene	5	U
95-47-6	o-Xylene	5	U

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

M-26

Lab Name: GALSON LABORATORIES                      Contract: Blasland, B

Lab Code:                      Case No.: 1                      SAS No.:                      SDG No.: L50871

Matrix: (soil/water) Water                      Lab Sample ID: L50871-1

Sample wt/vol: 5                      (g/mL) mL                      Lab File ID: BC050514

Level: (low/med) LOW                      Date Received: 05/04/99

%Moisture: not dec.                      Date Analyzed: 05/05/99

GC Column: HP-624                      ID: .2 (mm)                      Dilution Factor: 1

Soil Extract Volume:                      (uL)                      Soil Aliquot Volume:                      (uL)

CONCENTRATION UNITS:  
(ug/L or ug/Kg) UG/L      Q

CAS NO.	COMPOUND	UG/L	Q
75-34-3-----	1,1-Dichloroethane	5	DDDDDD
71-43-2-----	Benzene	.7	
108-88-3-----	Toluene	5	
108-90-7-----	Chlorobenzene	5	
100-41-4-----	Ethylbenzene	5	
000-00-0-----	m,p-Xylene	5	
95-47-6-----	o-Xylene	5	

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

RINSE BLANK-1

Lab Name: GALSON LABORATORIES                      Contract: Blasland, B  
 Lab Code:                      Case No.: 1                      SAS No.:                      SDG No.: L50871  
 Matrix: (soil/water) Water                      Lab Sample ID: L50871-8  
 Sample wt/vol: 5                      (g/mL) mL                      Lab File ID: BC050505  
 Level: (low/med) LOW                      Date Received: 05/04/99  
 %Moisture: not dec.                      Date Analyzed: 05/05/99  
 GC Column: HP-624                      ID: .2 (mm)                      Dilution Factor: 1  
 Soil Extract Volume:                      (uL)                      Soil Aliquot Volume:                      (uL)

CONCENTRATION UNITS:  
(ug/L or ug/Kg) UG/L                      Q

CAS NO.	COMPOUND	CONCENTRATION	Q
75-34-3	1,1-Dichloroethane	5	bbbbbb
71-43-2	Benzene	.7	
108-88-3	Toluene	5	
108-90-7	Chlorobenzene	5	
100-41-4	Ethylbenzene	5	
000-00-0	m,p-Xylene	5	
95-47-6	o-Xylene	5	

1A  
VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

TRIP BLANK

Lab Name: GALSON LABORATORIES

Contract: Blasland, B

Lab Code:

Case No.: 1

SAS No.:

SDG No.: L50871

Matrix: (soil/water) Water

Lab Sample ID: L50871-10

Sample wt/vol: 5 (g/mL) mL

Lab File ID: BC050506

Level: (low/med) LOW

Date Received: 05/04/99

%Moisture: not dec.

Date Analyzed: 05/05/99

GC Column: HP-624 ID: .2 (mm)

Dilution Factor: 1

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

CAS NO.

COMPOUND

Q

75-34-3-----	1,1-Dichloroethane	5	D D D D D D D
71-43-2-----	Benzene	.7	
108-88-3-----	Toluene	5	
108-90-7-----	Chlorobenzene	5	
100-41-4-----	Ethylbenzene	5	
000-00-0-----	m;p-Xylene	5	
95-47-6-----	o-Xylene	5	

## **Attachment 6**

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### Leachate Pump Information

**Technical Data****40 GPM****Model 40S****DIMENSIONS AND WEIGHTS**

MODEL NO.	FIG.	HP	MOTOR SIZE	DISCH. SIZE	DIMENSIONS IN INCHES					APPROX. SHIP WT.
					A	B	C	D	E	
40S10-3	A	1	4"	2" NPT	24.6	11.8	12.8	3.8	3.9	32
40S15-5	A	1 1/2	4"	2" NPT	29.7	13.6	16.1	3.8	3.9	37
40S20-7	A	2	4"	2" NPT	34.5	15.1	19.4	3.8	3.9	41
40S30-9	A	3	4"	2" NPT	43.3	20.6	22.7	3.8	3.9	65
40S50-12	A	5	4"	2" NPT	51.3	23.6	27.7	3.8	3.9	78
40S50-15	A	5	4"	2" NPT	56.2	23.6	32.6	3.8	3.9	84
40S75-21*	A	7 1/2	4"	2" NPT	74.6	29.6	45.0	3.8	5.4	120
40S75-25*	A	7 1/2	4"	2" NPT	81.2	29.6	51.6	3.8	5.4	124
40S100-30*	A	10	4"	2" NPT	103.7	43.9	59.8	3.8	5.4	181
40S150-37DS	A	15	6"	2" NPT	99.5	28.0	71.5	5.4	5.4	244
40S150-44DS	A	15	6"	2" NPT	111.0	28.0	83.0	5.4	5.4	340
40S200-50DS**	B	20	6"	2" MPT	136.0	30.6	105.4	5.4	5.5	319
40S200-58DS**	B	20	6"	2" MPT	149.2	30.6	118.6	5.4	5.5	334
40S200-66DS**	B	20	6"	2" MPT	162.4	30.6	131.8	5.4	5.5	394

NOTES: All models suitable for use in 4" wells, unless otherwise noted.

Weights include pump end and with motor in lbs.

\* Also available with 6" motor.

\*\* Built into sleeve 2" MPT discharge, 6" min. well dia.

**MATERIALS OF CONSTRUCTION**

COMPONENT	CYLINDRICAL SHAFT (3-44 Stgs.)	DEEP SET (50-66 Stgs.)
Check Valve Housing	304 Stainless Steel	304 Stainless Steel
Check Valve	304 Stainless Steel	304 Stainless Steel
Reducer Chamber	304 Stainless Steel	304 Stainless Steel
Impeller	304 Stainless Steel	304 Stainless Steel
Suction Interconnector	304 Stainless Steel	304 Stainless Steel
Inlet Screen	304 Stainless Steel	304 Stainless Steel
Pump Shaft	431 Stainless Steel	431 Stainless Steel
Straps	304 Stainless Steel	304 Stainless Steel
Cable Guard	304 Stainless Steel	304 Stainless Steel
Priming Inducer	316 Stainless Steel	316 Stainless Steel
Coupling	329/420/431 Stainless Steel **	329/416 Stainless Steel
Check Valve Seat	NBR/316 Stainless Steel	NBR/316 Stainless Steel
Top Bearing	NBR/316 Stainless Steel	NBR/316 Stainless Steel
Impeller Seal Ring	NBR/316 Stainless Steel	NBR/316 Stainless Steel
Intermediate Bearings	NBR/316 Stainless Steel	NBR/316 Stainless Steel
Shaft Washer	LCP (Vectra®)	LCP (Vectra®)
Split Cone	304 Stainless Steel	304 Stainless Steel
Split Cone Nut	304 Stainless Steel	304 Stainless Steel
Sleeve	Not Required	316 Stainless Steel
Sleeve Flange	Not Required	304 Stainless Steel
Coupling Key	Not Required **	302/304 Stainless Steel

NOTES: Specifications are subject to change without notice.

Vectra® is a registered trademark of Hoechst Calanese Corporation.

\*\* If using 6" non-standard motors, refer to 416 Stainless Steel for coupling and 302/304 for the coupling key.

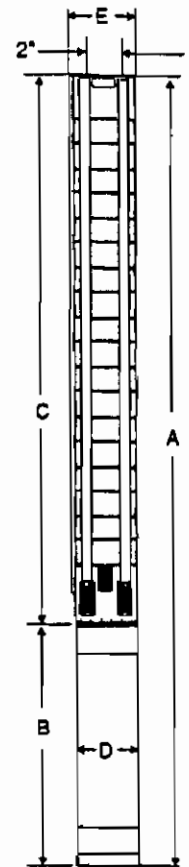


Fig. A

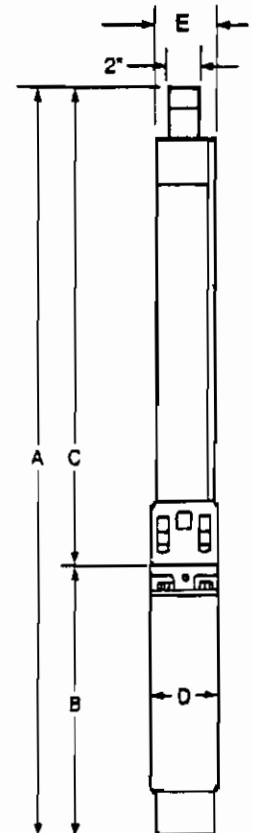


Fig. B

**GRUNDFOS**

GRUNDFOS PUMPS CORPORATION • 2555 Clovis Avenue • Clovis, CA • 93612  
Customer Service Centers: Allentown, PA • Fresno, CA

Phone (800) 333-1366 • FAX (800) 333-1363

[LSP-TI-1000] Rev 10/97

# Model 40S

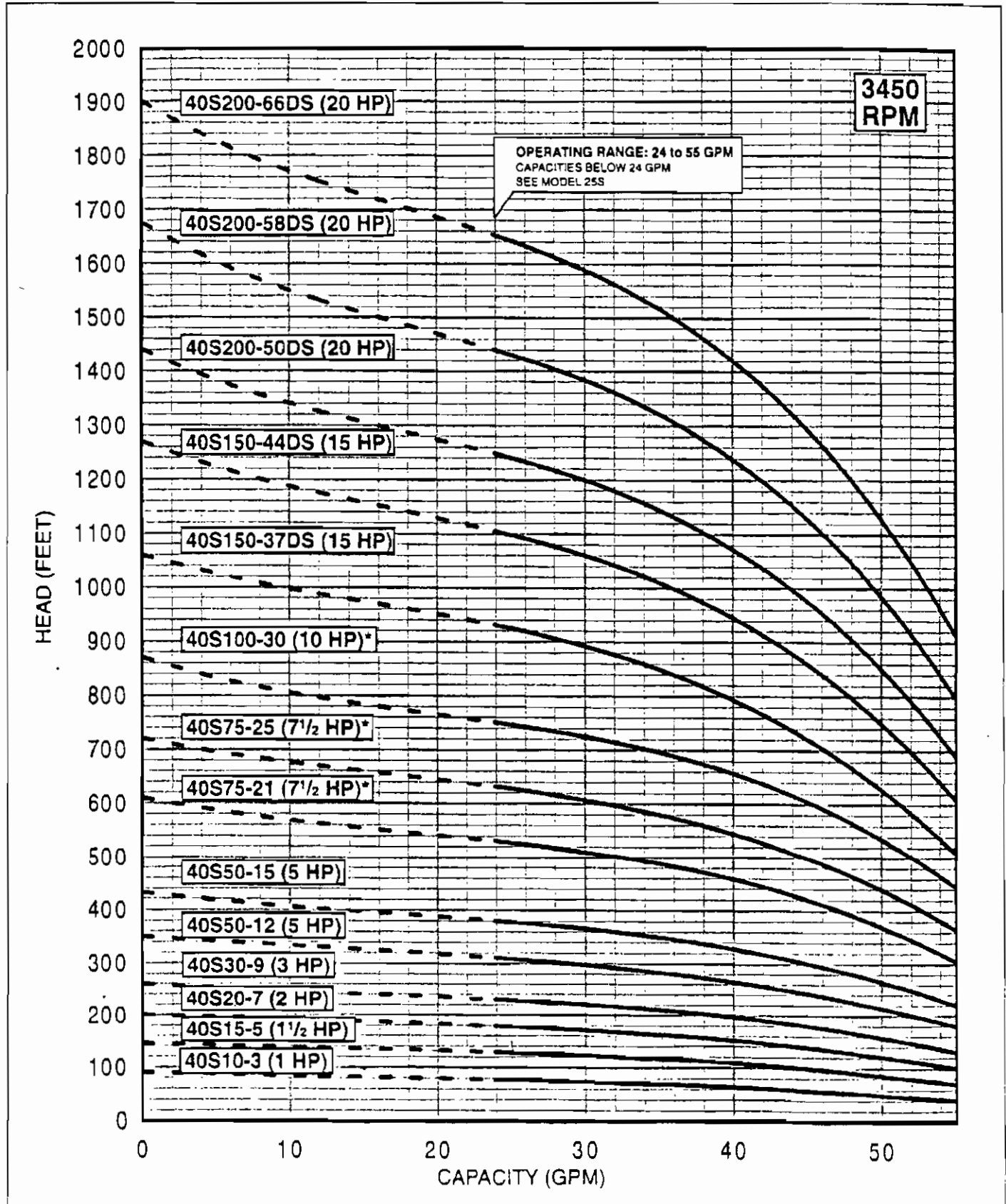
# 40 GPM

# Performance Curves

FLOW RANGE: 24 - 55 GPM

OUTLET SIZE: 2 " NPT

NOMINAL DIA. 4"



SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.  
 4" MOTOR STANDARD, 1-10 HP/3450 RPM.  
 6" MOTOR STANDARD, 15-20 HP/3450 RPM.  
 \* Also available with 6" motor.

Performance conforms to ISO 2548 Annex B  
 @ 5 ft. min. submergence.



**Total Head Determination for Pump Well #1**

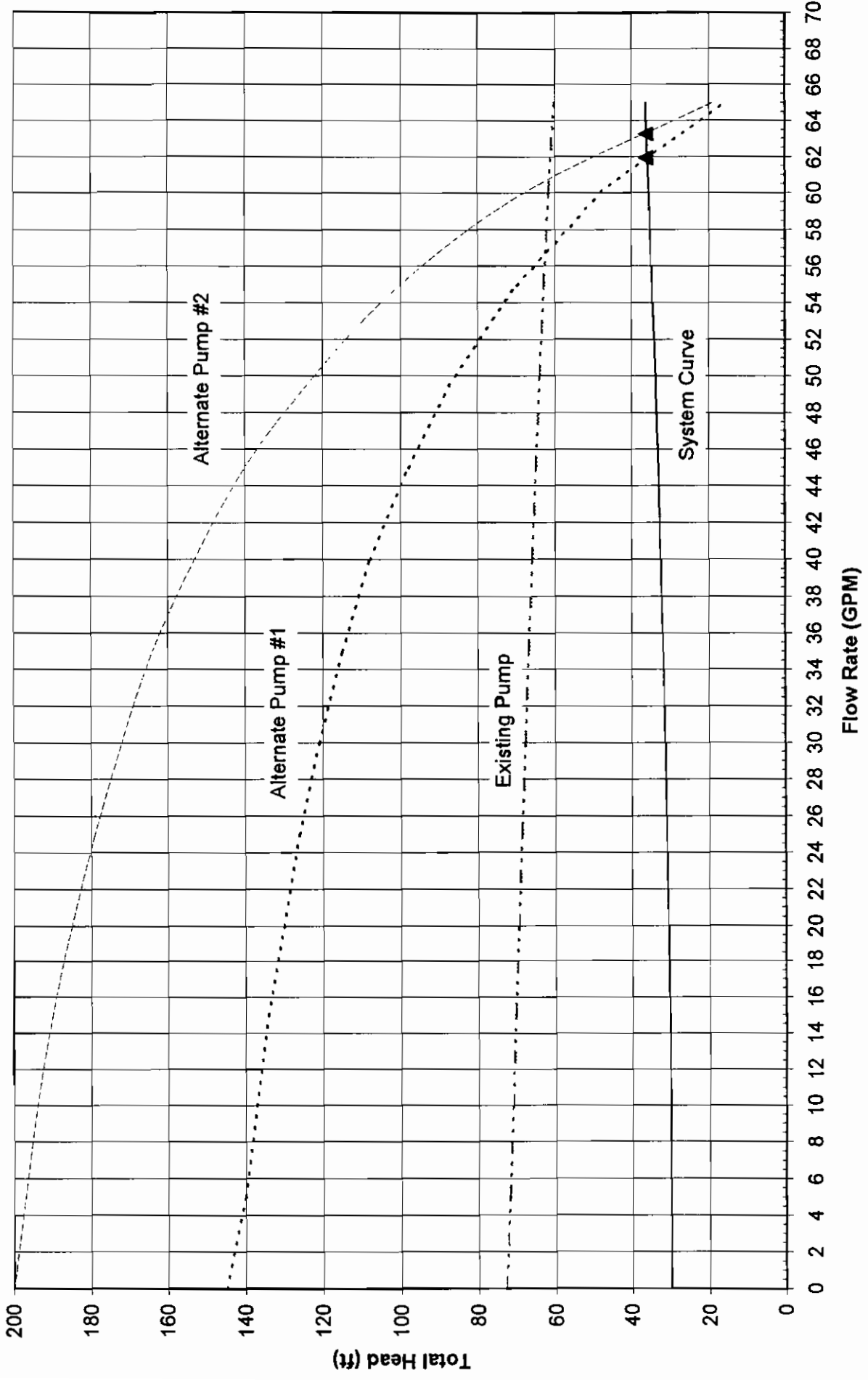
System Curve							Pump Curves (ft)				
Flow Rate (gpm)	Flow Rate (cfs)	Velocity (ft/s)	Pipe Size (in)	Static Head (ft)	Velocity Head (ft)	Minor Loss (ft)	Major Loss (ft)	Total Head (ft)	Gorman-Rupp S2E65-E3.5 230v/3/60c	Grundfos 40-S-20-7 3/60/230	Grundfos 40-S-15-5 3/60/230
0	0.000	0.000	2	30	0.000	0.000	0.000	30.000	72.7	200	145
5	0.013	0.153	2	30	0.000	0.004	0.033	30.037	71.9	197	140
10	0.027	0.307	2	30	0.001	0.017	0.131	30.150	71.1	194	137
15	0.040	0.460	2	30	0.003	0.038	0.296	30.337	70.3	190	134
20	0.054	0.613	2	30	0.006	0.067	0.526	30.599	69.5	185	130
25	0.067	0.767	2	30	0.009	0.104	0.822	30.935	68.6	179	126
30	0.080	0.920	2	30	0.013	0.150	1.183	31.347	67.7	172	121
35	0.094	1.073	2	30	0.018	0.204	1.611	31.833	66.8	164	115
40	0.107	1.226	2	30	0.023	0.267	2.104	32.394	65.9	153	108
45	0.120	1.380	2	30	0.030	0.338	2.663	33.030	64.9	140	98
50	0.134	1.533	2	30	0.037	0.417	3.287	33.741	63.9	122	86
55	0.147	1.686	2	30	0.044	0.505	3.978	34.527	62.8	100	70
60	0.161	1.840	2	30	0.053	0.601	4.734	35.387	61.6	68	48
65	0.174	1.993	2	30	0.062	0.705	5.555	36.322	60.2	19	16

**Total Head Determination for Pump Well #3**

System Curve							Pump Curves (ft)				
Flow Rate (gpm)	Flow Rate (cfs)	Velocity (ft/s)	Pipe Size (in)	Static Head (ft)	Velocity Head (ft)	Minor Loss (ft)	Major Loss (ft)	Total Head (ft)	Gorman-Rupp S2E65-E3.5 230v/3/60c	Grundfos 40-S-20-7 3/60/230	Grundfos 40-S-15-5 3/60/230
0	0.000	0.000	2	30	0.000	0.000	0.000	30.000	72.7	200	145
5	0.013	0.153	2	30	0.000	0.004	0.032	30.036	71.9	197	140
10	0.027	0.307	2	30	0.001	0.017	0.126	30.144	71.1	194	137
15	0.040	0.460	2	30	0.003	0.037	0.284	30.324	70.3	190	134
20	0.054	0.613	2	30	0.006	0.066	0.504	30.576	69.5	185	130
25	0.067	0.767	2	30	0.009	0.103	0.788	30.900	68.6	179	126
30	0.080	0.920	2	30	0.013	0.149	1.134	31.296	67.7	172	121
35	0.094	1.073	2	30	0.018	0.203	1.544	31.764	66.8	164	115
40	0.107	1.226	2	30	0.023	0.265	2.016	32.304	65.9	153	108
45	0.120	1.380	2	30	0.030	0.335	2.552	32.917	64.9	140	98
50	0.134	1.533	2	30	0.037	0.414	3.150	33.601	63.9	122	86
55	0.147	1.686	2	30	0.044	0.501	3.812	34.357	62.8	100	70
60	0.161	1.840	2	30	0.053	0.596	4.536	35.185	61.6	69	47
65	0.174	1.993	2	30	0.062	0.699	5.324	36.085	60.2	19	14

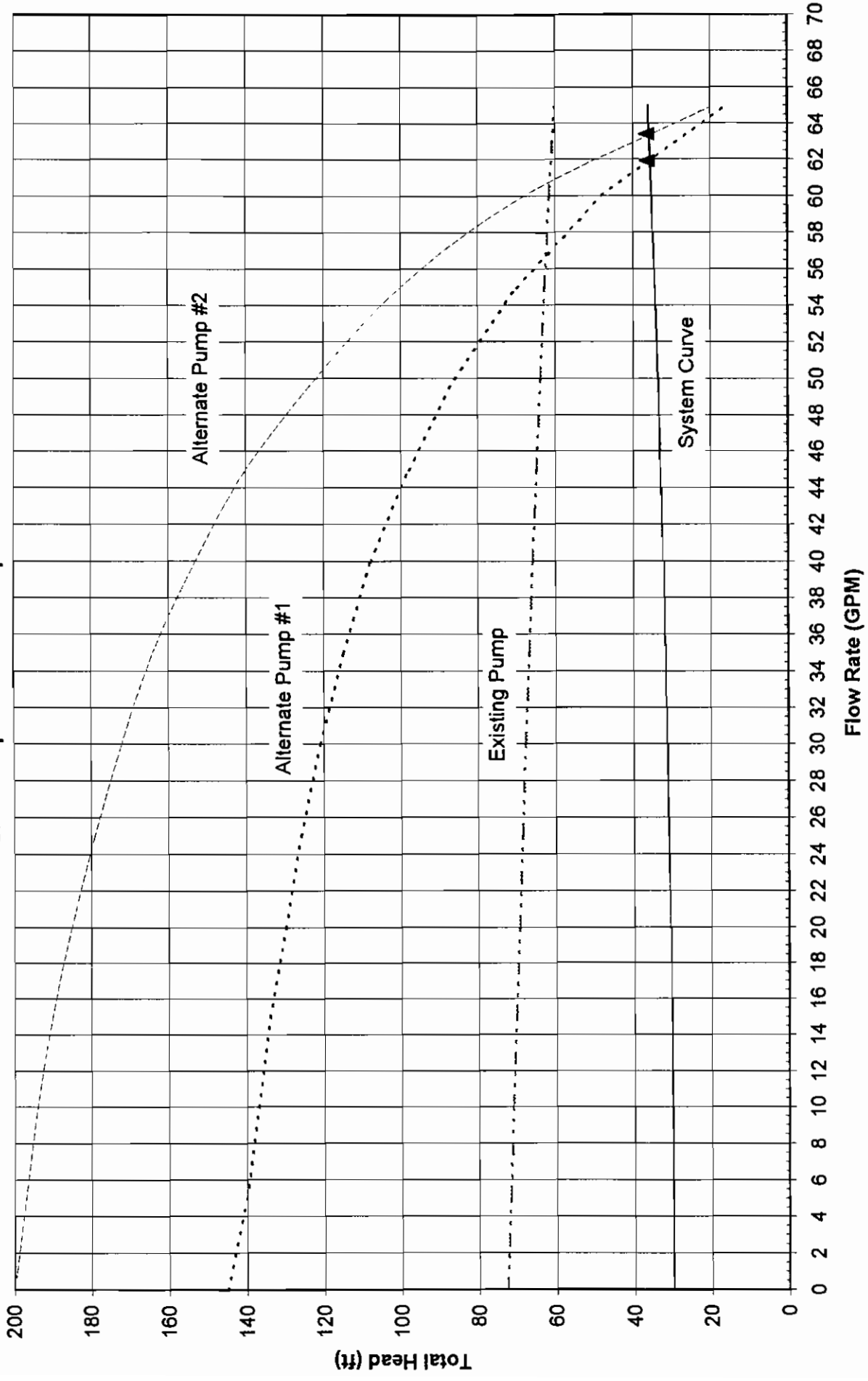


# PAS Site Pump Curves - Pump Well #1



- System Curve
- ..... Grundfos 40-S-20-7 3/60/230
- - - - Gorman-Rupp S2E65-E3.5 230v/3/60c
- ..... Grundfos 40-S-15-5 3/60/230

# PAS Site Pump Curves - Pump Well #3



- System Curve
- . . - Gorman-Rupp S2E65-E3.5 230v/3/60c
- ..... Grundfos 40-S-20-7 3/60/230
- ..... Grundfos 40-S-15-5 3/60/230

▽  
*de maximis, inc.*

10243 Sunrise Place  
Bainbridge Island, WA 98110  
(206) 780-6852  
(206) 780-6872 FAX

Via Facsimile and First Class Mail

April 9, 1999

Ms. Patricia Simmons  
Central New York Remedial Section  
New York Remediation Branch  
Emergency and Remedial Response Division  
U.S. Environmental Protection Agency, Region II  
20<sup>th</sup> Floor, 290 Broadway  
New York, NY 10007

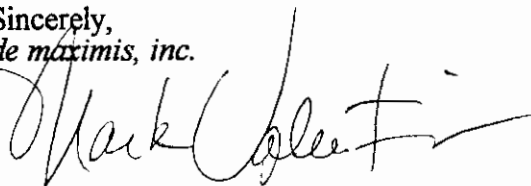
**Subject: Quarterly Progress Report  
Operations, Maintenance and Long-Term Monitoring Activities  
Pollution Abatement Services Site - Oswego, NY**

Dear Ms. Simmons:

The April 1999 Quarterly Progress Report is submitted under Consent Decree 98-CV0112NPMGJD for operation, maintenance and long-term monitoring activities at the Pollution Abatement Services (PAS) Site in Oswego, New York (Consent Decree) is attached. This attached Progress Report, which covers the period January 1999 through March 1999, conforms with the requirements of Paragraph 30 of the Consent Decree, which was entered on August 10, 1998.

If you have any questions, please call me at (206) 780-6852.

Sincerely,  
*de maximis, inc.*



Mark Valentine

cc: Performing Settling Defendants  
J. Singerman, U.S. EPA Region II  
G. Rider, NYSDEC, Division of Hazardous Waste Remediation  
C. Branagh, NYSDEC, Region 7 Office  
R. Heerkens, NYDOH, Office of Public Health  
D. Rusczyk, BBLES  
C. McClarnon, de maximis

JAN-MARCH 1999  
John S. [unclear]  
[unclear] need  
to meet with  
EPA to  
discuss  
reporting  
requirements  
5/4/20

APR 1, 1999

J. B. [unclear]  
7/16/99



**QUARTERLY PROGRESS REPORT**  
**Pollution Abatement Services Site - Oswego, New York**

*Prepared by de maximis, inc.*

**APRIL 9, 1999**

**PROJECT NAME:** Pollution Abatement Services Site  
Oswego, New York  
Operation, Maintenance and Long-Term Monitoring Activities

**PERIOD COVERED:** JANUARY - MARCH 1999

**ACTIONS TAKEN TOWARD COMPLIANCE DURING PREVIOUS QUARTER (JAN - MAR 1999):**

- Conducted leachate removal activities at the site in accordance with the USEPA-approved Operation, Maintenance and Long-term Monitoring Plan (OMMP) (BBL Environmental Services, 1998). BBL Environmental Services (BBLES) coordinated the leachate removal program. Buffalo Fuels Corporation provided leachate transportation services to the BFI/CECOS treatment and disposal facility in Niagara Falls, New York. BBLES removed 41,820 gallons of leachate during the period January to March, 1999. Consistent with OMMP removal requirements, no contingency removal events were conducted during this period due to insufficient leachate accumulation in the collection trenches. (See Leachate Removal Documentation section of this report for a description of specific amounts removed during each removal event.) All leachate removed during this period was disposed of at the BFI/CECOS treatment and disposal facility. (See Leachate Disposal Documentation of this report for disposal information associated with each removal event.)
- BBLES performed monthly operational ground-water elevation monitoring (includes SWW- and LCW-series wells) at the site on January 4 and 18, February 15, and March 1 and 15, 1999 in accordance with the OMMP.
- BBLES performed quarterly operational ground-water elevation monitoring (includes M-, and LR-series wells in addition to SWW- and LCW-series wells) at the site on February 1, 1999 in accordance with the OMMP.
- BBLES performed routine snow removal activities and quarterly maintenance activities on January 4, 1999, including inspection of spill control materials and inspection of the site perimeter fence as required by the OMMP. In addition, BBLES performed non-routine maintenance activities on the submersible pumps located in the leachate recovery wells on February 16 and 19, 1999. During this maintenance work, the pumps were removed from the recovery wells, inspected and rotated among the LCW recovery wells. The pumps were inspected because of noise detected recently from certain pumps during leachate removal activities. BBLES personnel removed and inspected the leachate pumps and subsequently rotated the pumps to place newer pumps in recovery well locations that routinely yield higher leachate volumes (i.e., LCW-2 and -4). As such, leachate pumps at recovery wells LCW-1 and LCW-4 were switched. The pumps from LCW-2 and LCW-3 recovery wells were also switched.
- The Steering Committee continued to work cooperatively with USEPA on revisions to the draft Environmental Easement and Restrictive Covenant document.

**ACTION ITEMS FOR FOLLOWING QUARTER (APR - JUN 1999):**

- Leachate removal activities will be performed in April, May, and June 1999 in accordance with the OMMP. Table 1 provides a schedule for operation and monitoring activities for the period April through June 1999 (In addition, the tentative schedule for operation and monitoring activities for the period July through September 1999 is also shown on Table 1.) The planned leachate removal activities include pumping 15,000 gallons of leachate during the first week of the month, or whatever volume can be efficiently removed during a one-day pumping event, up to 15,000 gallons. The ground-water slurry wall wells and leachate wells will be monitored during the beginning of the third week of the month. If the leachate elevations measured during the third week indicate that an additional 10,000 gallons of removable leachate has accumulated in the trenches, then a contingency removal event will be promptly scheduled to remove the 10,000 gallons of additional leachate.
- In addition to the above-described leachate removal activities, semi-annual monitoring activities will be conducted at the site during the first week of May 1999. (See Table 1) In addition to the operational groundwater elevation monitoring conducted routinely at the site, the semi-annual monitoring will also include collection of ground-water quality samples from Long-Term Monitoring (LTM) wells LR-6, LR-8, M-21, M-25, and M-26 and stream surface water levels from locations specified in the OMMP. Leachate quality samples will also be collected from leachate collection wells LCW-2 and LCW-4 as part of operational monitoring activities conducted at the site the first week of May 1999.
- BBLES will perform quarterly maintenance activities including inspection of spill control materials, site perimeter fence, french drains and concrete drainage trenches. The french drains and concrete drainage trenches will be cleared of vegetation, as necessary. BBLES will also continue to perform snow removal activities if required. The vegetated cap will be mowed sometime in late May or June as necessary. These maintenance activities will be performed in accordance with the OMMP.

**ANTICIPATED DELAYS/PROBLEMS:**

- None.

**RESULTS OF FIELD ACTIVITIES:**

- Ground-water elevation data collected on January 4 and 18, February 1 and 15, and March 1 and 15, 1999 are attached along with groundwater elevation charts for the SWW-series wells. (See Attachment 1)
- The routine leachate disposal and inspection checklists are included as Attachment 2.

**LEACHATE REMOVAL DOCUMENTATION:**

Hazardous waste manifests documenting removal volumes and transportation and disposal dates for each shipment of leachate are included as Attachment 3.

*January 1999*

- Quantity Removed (gal.): 9,979 gallons



January 6, 1998

Manifest #	Amount (gal)	Date Removed
NYB5664474	4,964	1/6/99
NYB5664483	5,015	1/6/99

*January 1999 Total = 9,979 gallons*

*February 1999*

- Quantity Removed (gal.): 16,056 gallons

February 3, 1999

Manifest #	Amount (gal)	Date Removed
NYB5664429	5,228	2/3/99
NYB5664591	5,628	2/3/99
NYB5664609	5,200	2/3/99

*February 1999 Total = 16,056 gallons*

*March 1999*

- Quantity Removed (gal.): 15,785 gallons

March 3, 1999

Manifest #	Amount (gal)	Date Removed
NYB5664618	5,125	3/3/99
NYB5664627	5,628	3/3/99
NYB5664636	5,032	3/3/99

*March 1999 Total = 15,785 gallons*

**HISTORICAL SUMMARY OF LEACHATE REMOVAL ACTIVITIES:**

<i>Order/Decree</i>	<i>Disposal Facility/Period</i>	<i>Quantities</i>
<b>1991 IGR Order (2/92 - 10/94)</b>	<i>Dupont:</i>	221,808
	<i>1992 (2/98 - 12/98)</i>	337,619
	<i>1993</i>	<u>254,898</u>
	<i>1994 (1/94-10/94)</i>	814,325
	<i>Subtotal</i>	
<b>1994 IGR Order (10/94 - 10/98)</b>	<i>DuPont:</i>	
	<i>1994 (From 10/94)</i>	50,683
	<i>1995</i>	279,164
	<i>1996 (To 5/96)</i>	<u>119,901</u>
	<i>Subtotal (To 5/96)</i>	449,748
	<i>BFI/CECOS:</i>	
	<i>1996</i>	163,446
	<i>1997</i>	269,371
	<i>1998 (1/98-10/98)</i>	<u>207,541</u>
	<i>Subtotal</i>	<u>640,358</u>
	<b>94 IGR Order Total</b>	1,090,106
<b>Final IGR Total (11/98 - 12/98)</b>		1,904,431
<b>OMM Consent Decree (Beginning 11/98)</b>	<i>BFI/CECOS:</i>	
	<i>1998 (11/98-12/98)</i>	18,423
	<i>1999</i>	<u>41,820</u>
	<i>Subtotal</i>	60,243
<b>TOTAL</b>		1,964,674

**LEACHATE DISPOSAL DOCUMENTATION:**

Leachate treatment and disposal certifications provided by BFI/CECOS are included in Attachment 4.

**January 6, 1999**

<b>BFI/CECOS Work Order Number</b>	<b>Manifest #</b>	<b>Date Disposed</b>
281888	NYB5664474	1/6/99
281889	NYB5664483	1/6/99



**February 3, 1999**

<b>BFI/CECOS Work Order Number</b>	<b>Manifest #</b>	<b>Date Disposed</b>
281890	NYB5664429	2/3/99
281936	NYB5664591	2/3/99
281937	NYB5664609	2/3/99

**March 3, 1999**

<b>BFI/CECOS Work Order Number</b>	<b>Manifest #</b>	<b>Date Disposed</b>
281974	NYB5664618	3/3/99
281975	NYB5664627	3/3/99
282060	NYB5664636	3/3/99

**Note:** "Gallons removed" is based upon BFI/CECOS's measurement of the "loaded" and "tare" weights as measured at the Niagara Falls, New York facility and shown on the weight tickets included in Attachment 5, and a density of 8.346 pounds per gallon.



**TABLE 1 - OPERATION AND MONITORING SCHEDULE**  
**Quarterly Progress Report**

OPERATION AND MONITORING SCHEDULE - PAS OSWEGO SUPERFUND SITE													
	April 1999 Removal Events		May 1999 Removal Events		Jun 1999 Removal Events		Jul 1999 Removal Events		Aug 1999 Removal Events		Sep 1999 Removal Events		Notes
	First Event	Cont. Event	First Event	Cont. Event	First Event	Cont. Event	First Event	Cont. Event	First Event	Cont. Event	First Event	Cont. Event	
<b>Pre-Pump Monitoring</b>	Apr 5	Apr 19	May 3 (Qtrly)	May 17	Jun. 7	Jun 21	Jul 6	Jul 19	Aug 2 (Qtrly)	Aug 15	Sep 7	Sep 20	See Note 1
<b>Semi-Annual Monitoring</b>			May 3-7										See Note 2
<b>Leachate Removal</b>	Apr 7	Apr 21	May 5	May 19	Jun. 9	Jun. 23	Jul 7	Jul 21	Aug 4	Aug 18	Sep 8	Sep 22	See Note 3

**NOTES:**

1. All LCW- and SWW- Series wells water levels monitored twice monthly. M-, and LR- series wells water levels monitored quarterly. Stream water levels monitored semi-annually. Leachate quality at LCW-2 and -4 monitored semi-annually.
2. In addition to water level monitored described in Note 1, water quality monitored at all LTM- wells (LR-6, LR-8, M-21, M-25 and M-26) semi-annually. Sediment quality monitored annually during the fall monitoring event.
3. Remove leachate from LCW- 1, 2, 3, and 4 as necessary. Contingency removal events only conducted if monitoring results indicates sufficient leachate volume (i.e. 10,000 gallons) has accumulated in the collection trenches as required by the Operations, Maintenance and Long-Term Monitoring Plan.

# ***Attachment 1***

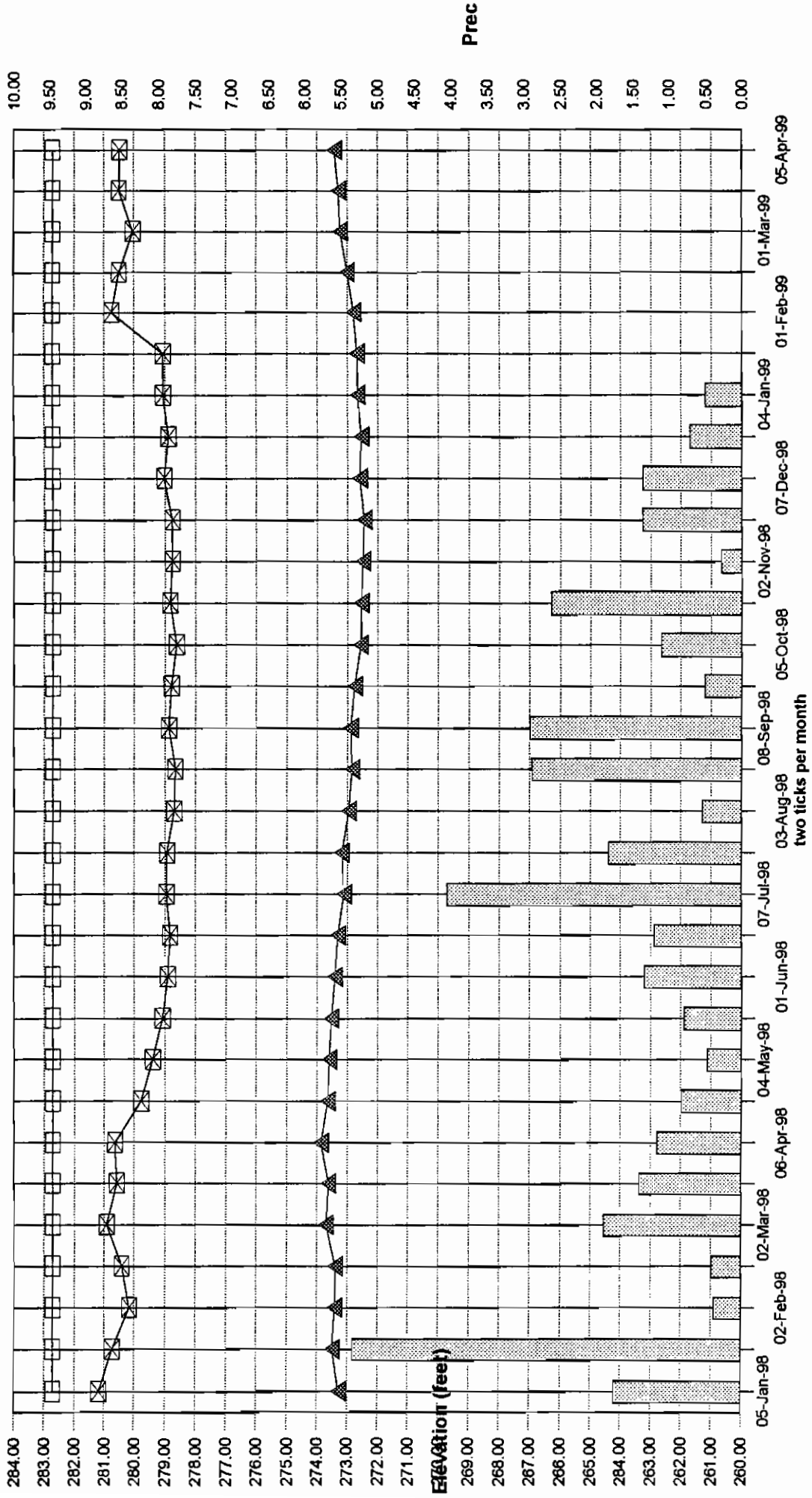
**BBL ENVIRONMENTAL SERVICES, INC.**

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## ***Ground-Water Elevation Data***

# PAS - O MEGO

## GROUNDWATER ELEVATIONS (SWW1 & SWW2)

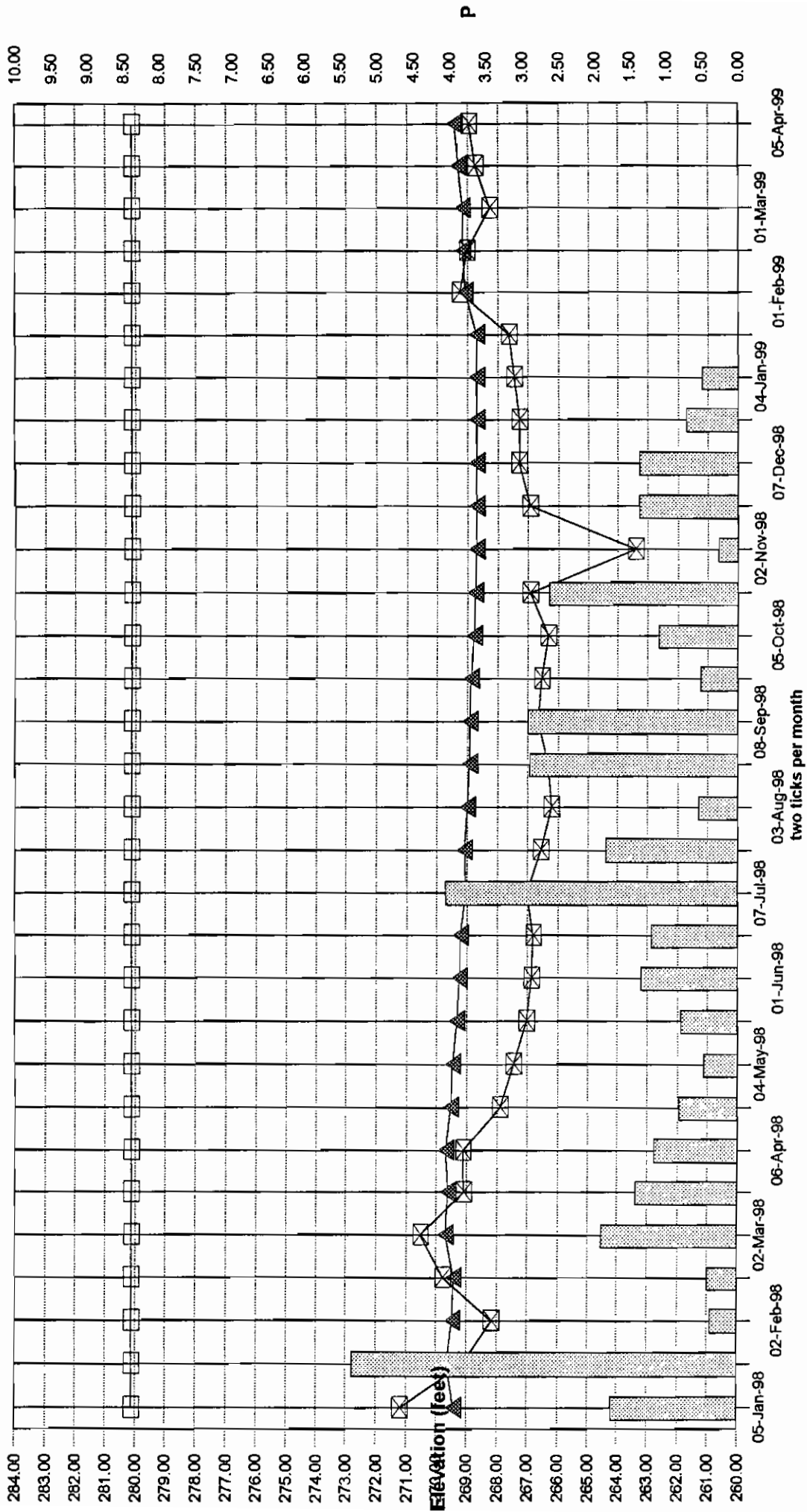


PREPARED by de maximis  
4/7/99

- SLURRY WALL
- ⊠— SWW 1 (Outside)
- ▲— SWW 2 (Inside)
- ▒ Precipitation

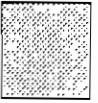
# PAS - O<sub>3</sub>WEGO

## GROUNDWATER ELEVATIONS (SWW3 & SWW4)



PREPARED by de maximis  
4/7/99

Precipitation



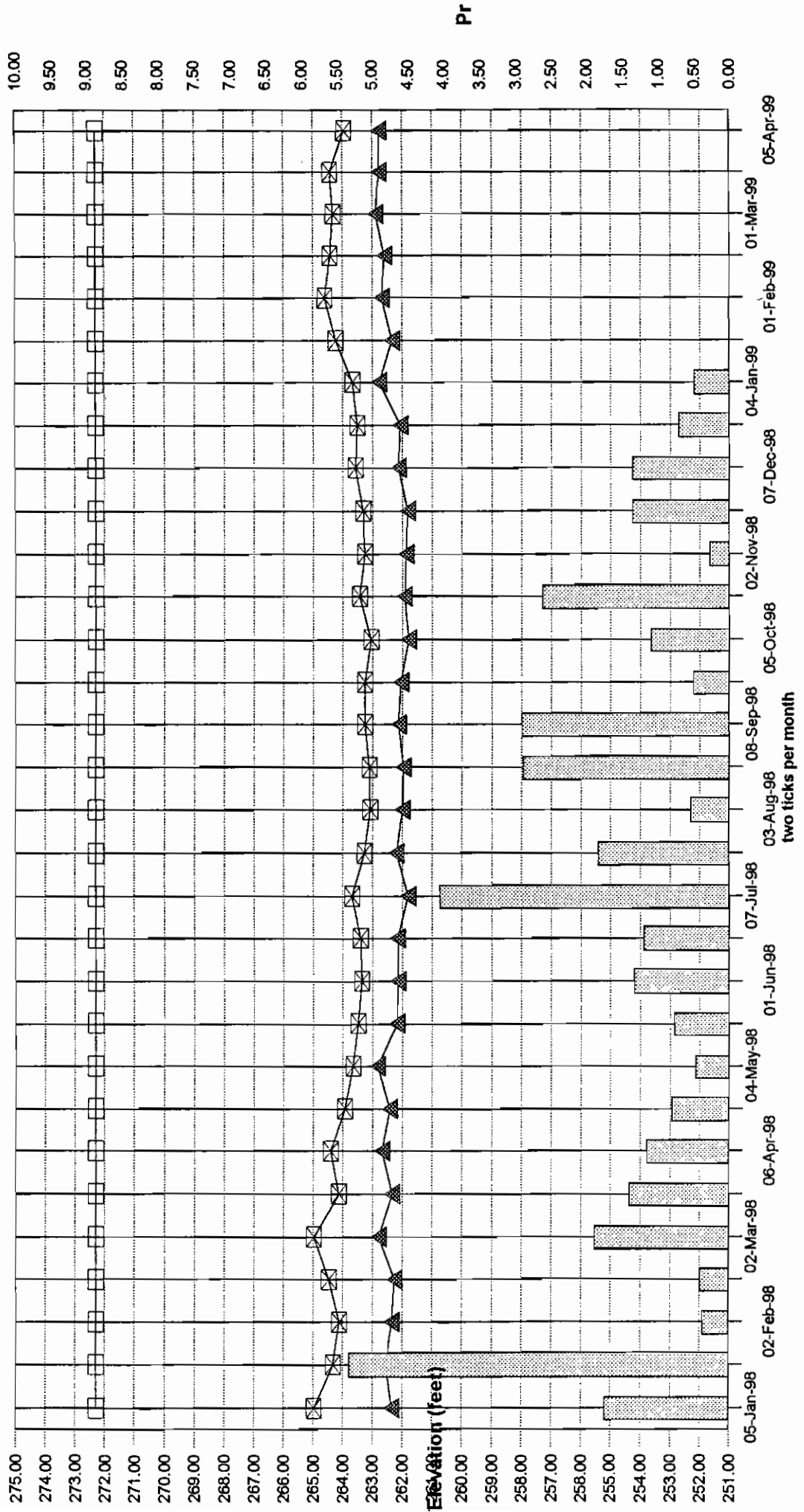
SWW 4 (Outside)

SWW 3 (Inside)

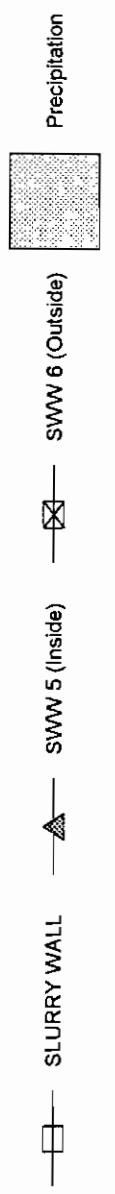
SLURRY WALL

# PAS - O<sub>3</sub>WEGO

## GROUNDWATER ELEVATIONS (SWW5 & SWW6)

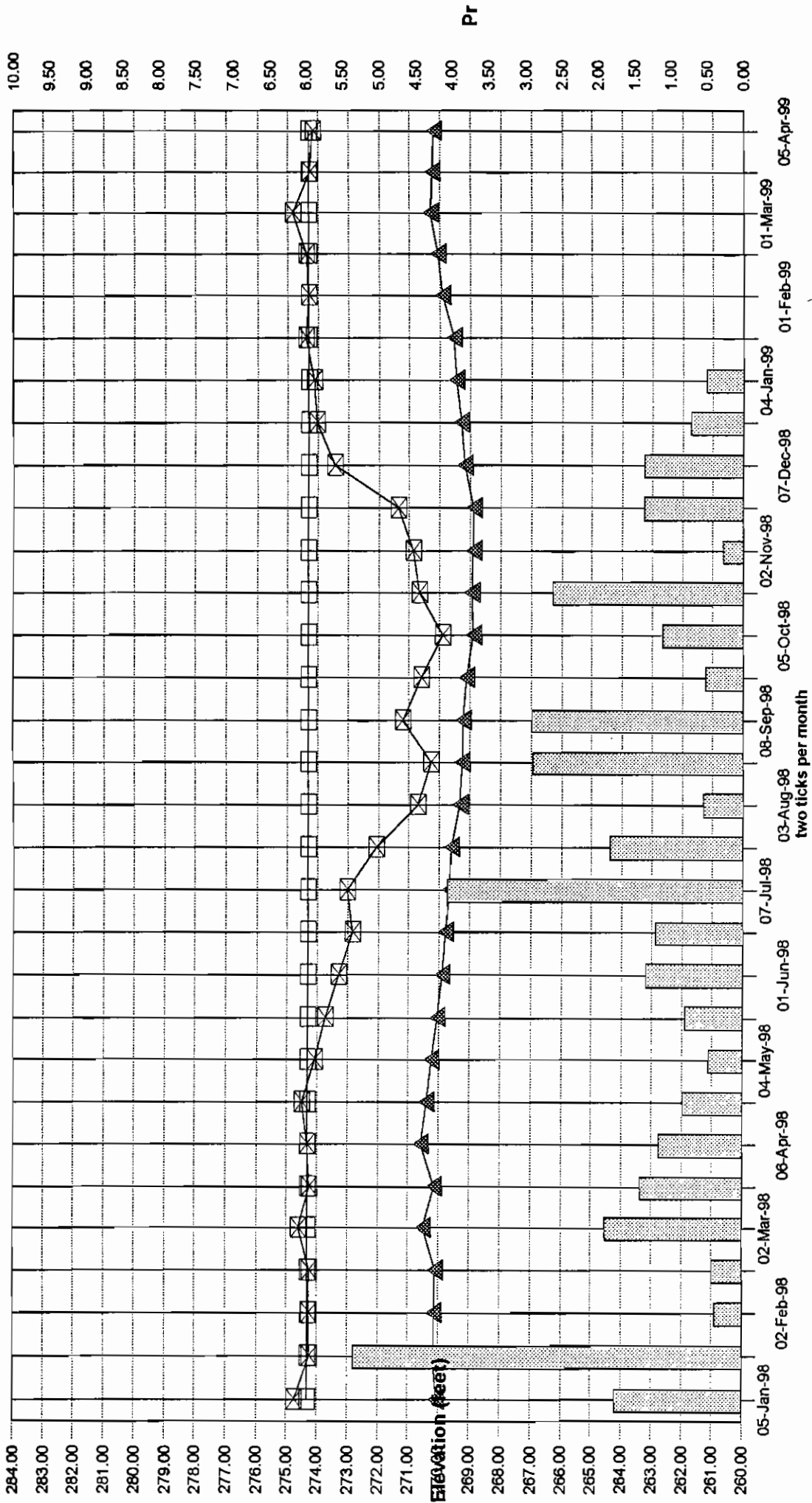


PREPARED by de maximis  
4/7/99

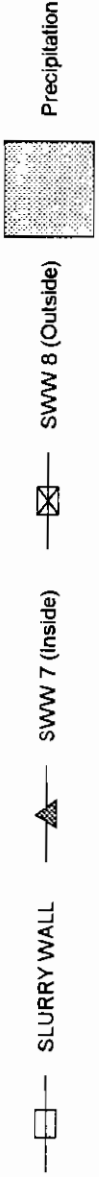


# PAS - OSWEGO

## GROUNDWATER ELEVATIONS (SWW7 & SWW8)

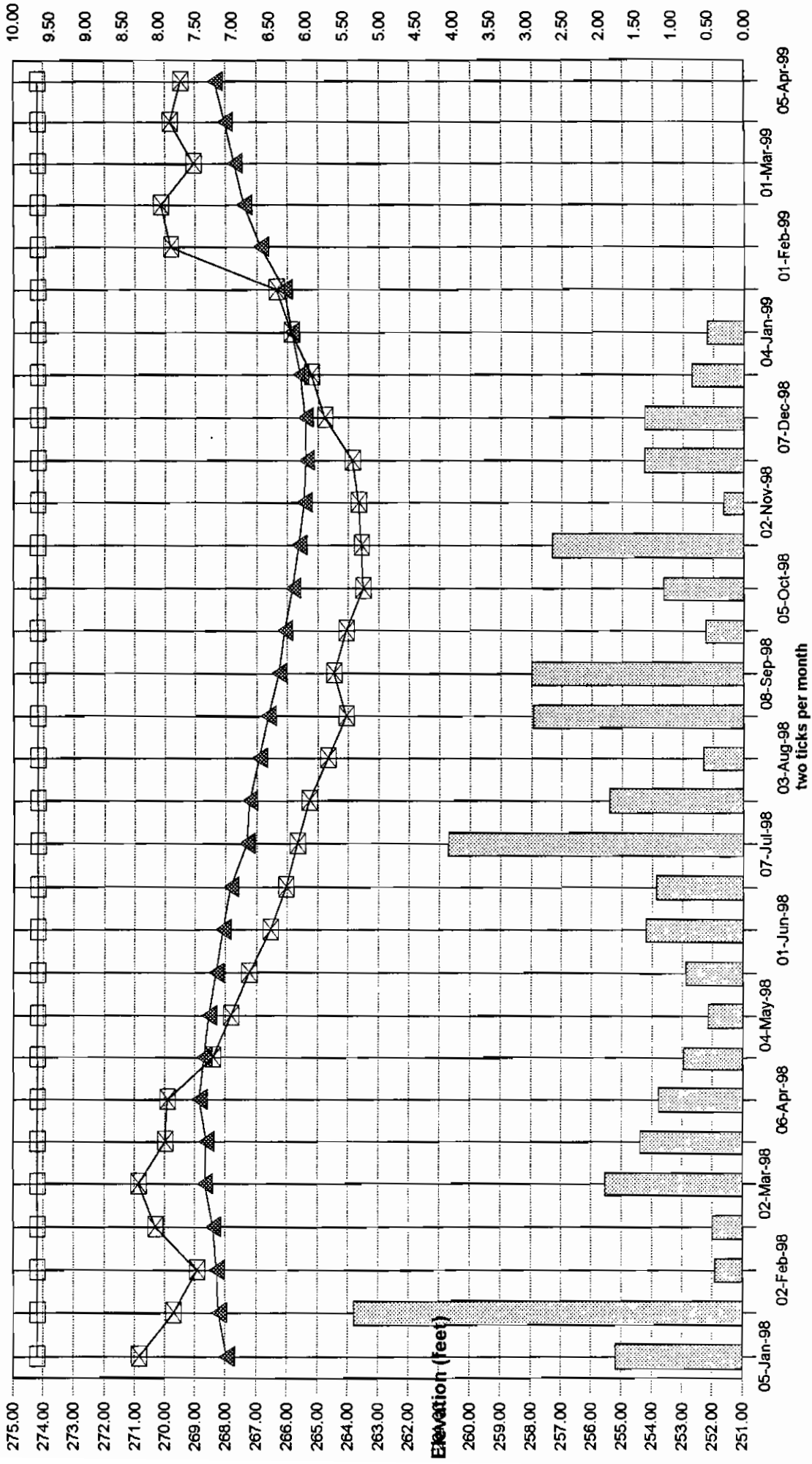


PREPARED by de maximis  
 4/7/99

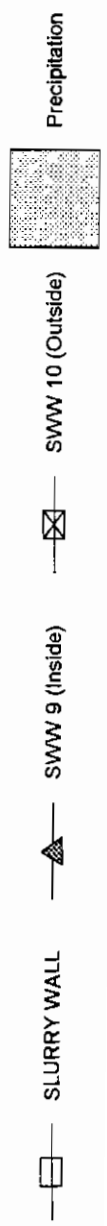


# PAS - OsWEGO

## GROUNDWATER ELEVATIONS (SWW9 & SWW10)

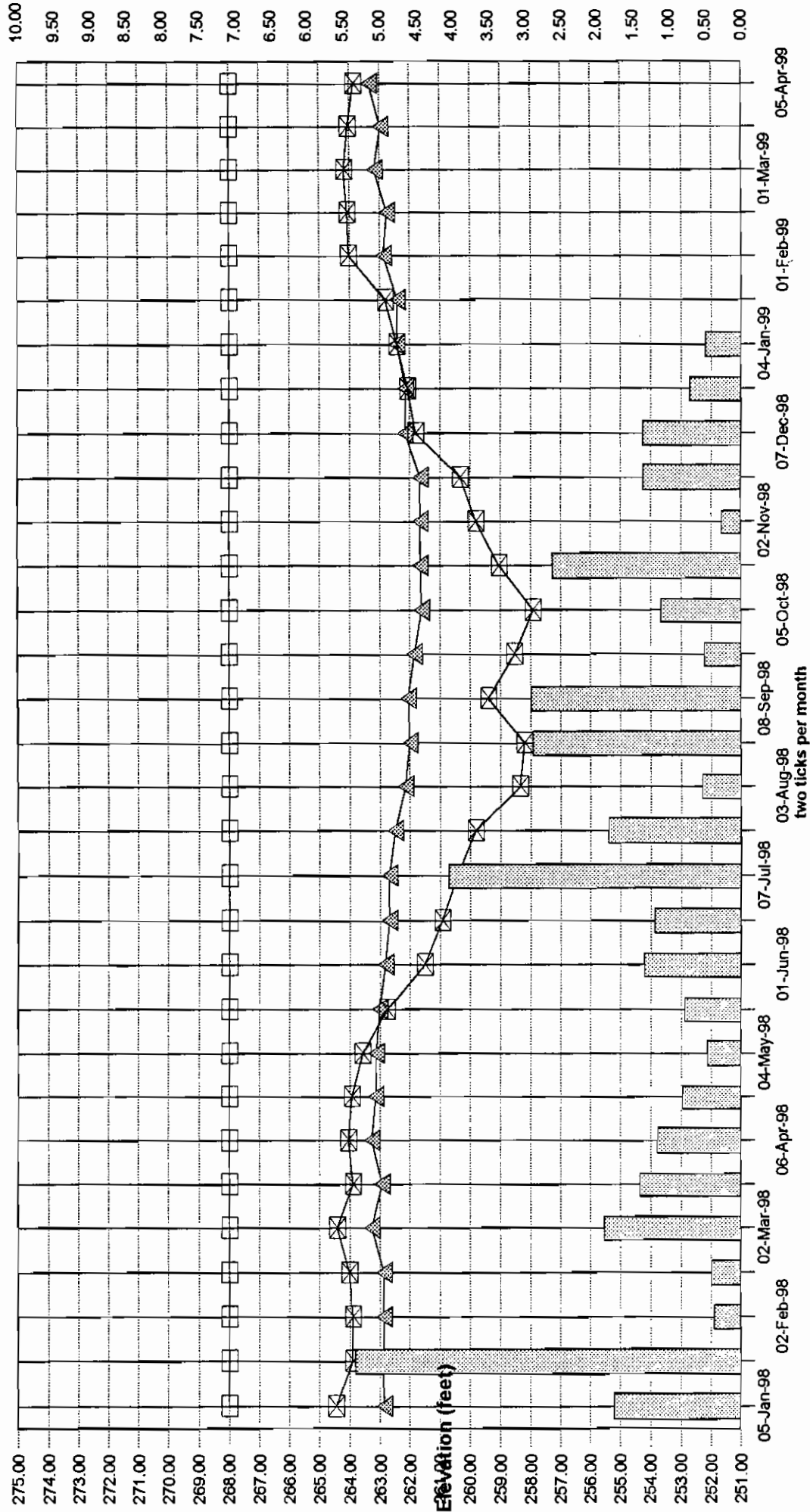


PREPARED by de maximis  
 4/7/99

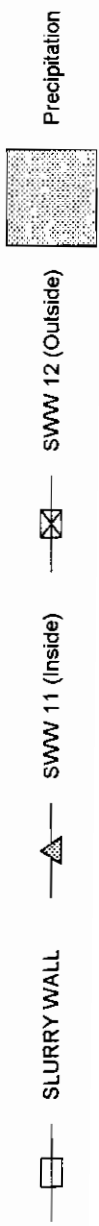


# PAS - OSWEGO

## GROUNDWATER ELEVATIONS (SWW11 & SWW12)



PREPARED by de maximis  
4/7/99





**BBL Environmental Services, Inc.  
PAS Site  
Oswego, New York**

**Pre-Pumping Monitoring Well Levels - Contingency Event  
03/15/99  
07:00 AM**

Well Number	Ground Elevation	Riser Elevation	DTW During Previous Event	Reading 1	Reading 2	Acceptable Range for DTW	Within Range?		Ground-Water Elevation	Reading 3
							Yes	No		
SWW1	286.20	289.33	9.28	8.82	8.82	8.07 to 10.78	x		280.51	
SWW2	286.30	289.37	16.15	16.09	16.09	15.88 to 17.23	x		273.28	
SWW3	286.00	286.50	17.33	17.20	17.20	16.84 to 18.30	x		269.30	
SWW4	282.90	283.60	15.33	14.86	14.86	13.85 to 16.65	x		268.74	
SWW5	275.90	277.02	14.13	14.26	14.26	13.86 to 15.18	x		262.76	
SWW6	270.90	273.06	8.73	8.63	8.63	7.95 to 9.90	x		264.43	
SWW7	273.30	277.93	7.63	7.69	7.69	7.38 to 8.98	x		270.24	
SWW8	275.70	278.24	3.41	3.97	3.97	3.35 to 4.63	x		274.27	
SWW9	283.30	285.55	17.85	17.52	17.52	17.64 to 20.21		x	268.03	17.52
SWW10	279.30	280.43	11.37	10.60	10.60	9.80 to 15.06	x		269.83	
SWW11	271.00	273.50	10.33	10.53	10.53	10.12 to 11.57	x		262.97	
SWW12	270.20	272.82	8.66	8.77	8.77	8.25 to 10.87	x		264.05	
LCW-1	271.40	272.21	10.45	11.32	11.32	9.99 to 11.99	x		260.89	
LCW-2	272.60	274.44	12.68	13.65	13.65	12.23 to 14.23	x		260.79	
LCW-3	283.30	284.36	19.07	18.59	18.59	18.44 to 19.84	x		265.77	
LCW-4	283.80	285.70	20.45	21.17	21.17	19.71 to 21.49	x		264.53	

**BBL Environmental Services, Inc.**  
**PAS Site**  
**Oswego, New York**  
**Pre-Pumping Monitoring Well Levels**

**03/01/99**  
**06:00 AM**

Well Number	Ground Elevation	Riser Elevation	DTW During Previous Event	Reading 1	Reading 2	Acceptable Range for DTW	Within Range?		Ground-Water Elevation	Reading 3
							Yes	No		
SWW1	286.20	289.33	8.83	9.28	9.28	8.07 to 10.78	x		280.05	
SWW2	286.30	289.37	16.59	16.15	16.15	15.88 to 17.23	x		273.22	
SWW3	286.00	286.50	17.43	17.33	17.33	16.84 to 18.30	x		269.17	
SWW4	282.90	283.60	14.35	15.33	15.33	13.85 to 16.65	x		268.27	
SWW5	275.90	277.02	14.36	14.13	14.13	13.86 to 15.18	x		262.89	
SWW6	270.90	273.06	8.45	8.73	8.73	7.95 to 9.90	x		264.33	
SWW7	273.30	277.93	8.03	7.63	7.63	7.38 to 8.98	x		270.30	
SWW8	275.70	278.24	3.93	3.41	3.41	3.35 to 4.63	x		274.83	
SWW9	283.30	285.55	18.69	17.85	17.85	17.64 to 20.21	x		267.70	
SWW10	279.30	280.43	10.61	11.37	11.37	9.80 to 15.06	x		269.06	
SWW11	271.00	273.50	10.62	10.33	10.33	10.12 to 11.57	x		263.17	
SWW12	270.20	272.82	8.79	8.66	8.66	8.25 to 10.87	x		264.16	
LCW-1	271.40	272.21	10.49	10.45	10.45	9.99 to 11.99	x		261.76	
LCW-2	272.60	274.44	12.73	12.68	12.68	12.23 to 14.23	x		261.76	
LCW-3	283.30	284.36	19.17	19.07	19.07	18.44 to 19.84	x		265.29	
LCW-4	283.80	285.70	20.21	20.45	20.45	19.71 to 21.49	x		265.25	

**BBL Environmental Services, Inc.**  
**PAS Site**  
**Oswego, New York**

**Pre-Pumping Monitoring Well Levels - Contingency Event**  
**02/15/99**  
**07:00 AM**

Well Number	Ground Elevation	Riser Elevation	DTW During Previous Event	Reading 1	Reading 2	Acceptable Range for DTW	Within Range?		Ground-Water Elevation	Reading 3
							Yes	No		
SWW1	286.20	289.33	8.57	8.83	8.83	9.78 to 10.94		x	280.50	8.83
SWW2	286.30	289.37	16.59	16.38	16.38	16.20 to 17.33	x		272.99	
SWW3	286.00	286.50	17.43	17.34	17.34	17.30 to 18.31	x		269.16	
SWW4	282.90	283.60	14.35	14.59	14.59	15.48 to 16.83		x	269.01	14.59
SWW5	275.90	277.02	14.36	14.44	14.44	13.75 to 15.47	x		262.58	
SWW6	270.90	273.06	8.45	8.63	8.63	8.33 to 10.05	x		264.43	
SWW7	273.30	277.93	8.03	7.88	7.88	7.91 to 9.27		x	270.05	7.88
SWW8	275.70	278.24	3.93	3.85	3.85	3.34 to 5.30	x		274.39	
SWW9	283.30	285.55	18.69	18.14	18.14	18.96 to 20.63		x	267.41	18.14
SWW10	279.30	280.43	10.61	10.30	10.30	13.58 to 16.16		x	270.13	10.30
SWW11	271.00	273.50	10.62	10.74	10.74	10.55 to 11.86	x		262.76	
SWW12	270.20	272.82	8.79	8.75	8.75	9.50 to 11.51		x	264.07	8.75
LCW-1	271.40	272.21	10.49	11.49	11.49	10.34 to 11.92	x		260.72	
LCW-2	272.60	274.44	12.73	13.73	13.73	12.70 to 14.43	x		260.71	
LCW-3	283.30	284.36	19.17	18.94	18.94	18.53 to 20.11	x		265.42	
LCW-4	283.80	285.70	20.21	20.99	20.99	19.91 to 21.71	x		264.71	

BBL Environmental Services, Inc.  
 PAS Site  
 Oswego, New York  
Pre-Pumping Monitoring Well Levels  
 02/01/99  
 07:45 AM

Well Number	Ground Elevation	Riser Elevation	DTW During Previous Event	Reading 1	Reading 2	Acceptable Range for DTW		Within Range?		Ground-Water Elevation	Reading 3
						Yes	No	Yes	No		
SWW1	286.20	289.33	10.28	8.57	8.57	9.78 to 10.94			x	280.76	8.57
SWW2	286.30	289.37	16.70	16.59	16.59	16.20 to 17.33		x		272.78	
SWW3	286.00	286.50	17.80	17.43	17.43	17.30 to 18.31		x		269.07	
SWW4	282.90	283.60	15.98	14.35	14.35	15.48 to 16.83			x	269.25	14.35
SWW5	275.90	277.02	14.68	14.36	14.36	13.75 to 15.47		x		262.66	
SWW6	270.90	273.06	8.83	8.45	8.45	8.33 to 10.05		x		264.61	
SWW7	273.30	277.93	8.41	8.03	8.03	7.91 to 9.27		x		269.90	
SWW8	275.70	278.24	3.84	3.93	3.93	3.34 to 5.30		x		274.31	
SWW9	283.30	285.55	19.46	18.69	18.69	18.96 to 20.63			x	266.86	18.69
SWW10	279.30	280.43	14.08	10.61	10.61	13.58 to 16.16			x	269.82	10.61
SWW11	271.00	273.50	11.07	10.62	10.62	10.55 to 11.86		x		262.88	
SWW12	270.20	272.82	10.00	8.79	8.79	9.50 to 11.51			x	264.03	8.79
LCW-1	271.40	272.21	11.42	10.49	10.49	10.34 to 11.92		x		261.72	
LCW-2	272.60	274.44	13.66	12.73	12.73	12.70 to 14.43		x		261.71	
LCW-3	283.30	284.36	19.03	19.17	19.17	18.53 to 20.11		x		265.19	
LCW-4	283.80	285.70	20.41	20.21	20.21	19.91 to 21.71		x		265.49	
LR-2	287.50	289.85	14.53	13.16	13.16	14.03 to 15.03			x	276.69	13.16
LR-3	275.50	278.06	10.59	8.83	8.83	10.09 to 11.09			x	269.23	8.83
LR-6	270.90	274.39	12.27	10.71	10.71	11.77 to 12.77			x	263.68	10.71
LR-8	270.00	273.42	12.15	9.93	9.93	11.65 to 12.65			x	263.49	9.93
M-21	270.28	272.32	11.64	9.43	9.43	11.14 to 12.14			x	262.89	9.43
M-22	270.40	273.88	12.68	10.63	10.63	12.18 to 13.18			x	263.25	10.63
M-23	267.98	270.49	13.55	12.00	12.00	13.05 to 14.05			x	258.49	12.00
M-24	276.49	277.94	17.18	14.51	14.51	16.68 to 17.68			x	263.43	14.51
M-25	264.56	265.84	9.01	7.02	7.02	8.51 to 9.51			x	258.82	7.02
M-26	271.85	273.38	14.98	7.69	7.69	14.48 to 15.48			x	265.69	7.69

**BBL Environmental Services, Inc.**  
**PAS Site**  
**Oswego, New York**  
**Pre-Pumping Monitoring Well Levels - Contingency Event**  
**01/18/99**  
**07:30 AM**

Well Number	Ground Elevation	Riser Elevation	DTW During Previous Event	Reading 1	Reading 2	Acceptable Range for DTW		Within Range?		Ground-Water Elevation	Reading 3
								Yes	No		
SWW1	286.20	289.33	10.28	10.28	10.28	9.82 to 11.21		x		279.05	
SWW2	286.30	289.37	16.73	16.70	16.70	15.97 to 17.39		x		272.67	
SWW3	286.00	286.50	17.80	17.80	17.80	17.03 to 18.31		x		268.70	
SWW4	282.90	283.60	16.15	15.98	15.98	15.80 to 20.70		x		267.62	
SWW5	275.90	277.02	14.25	14.68	14.68	14.41 to 15.65		x		262.34	
SWW6	270.90	273.06	9.40	8.83	8.83	8.99 to 10.53			x	264.23	8.83
SWW7	273.30	277.93	8.48	8.41	8.41	8.16 to 9.55		x		269.52	
SWW8	275.70	278.24	4.13	3.84	3.84	3.71 to 8.34		x		274.40	
SWW9	283.30	285.55	19.71	19.46	19.46	18.23 to 20.63		x		266.09	
SWW10	279.30	280.43	14.56	14.08	14.08	14.72 to 17.26			x	266.35	14.08
SWW11	271.00	273.50	11.05	11.07	11.07	10.83 to 12.34		x		262.43	
SWW12	270.20	272.82	10.37	10.00	10.00	10.24 to 15.25			x	262.82	10.00
LCW-1	271.40	272.21	10.84	11.42	11.42	10.60 to 13.46		x		260.79	
LCW-2	272.60	274.44	13.20	13.66	13.66	12.83 to 17.24		x		260.78	
LCW-3	283.30	284.36	19.34	19.03	19.03	18.54 to 20.11		x		265.33	
LCW-4	283.80	285.70	20.49	20.41	20.41	20.25 to 23.10		x		265.29	

**BBL Environmental Services, Inc.  
PAS Site**

**Oswego, New York**

**Pre-Pumping Monitoring Well Levels - Contingency Event**

**01/04/99**

**08:30 AM**

Well Number	Ground Elevation	Riser Elevation	DTW During Previous Event	Reading 1	Reading 2	Acceptable Range for DTW		Within Range?		Ground-Water Elevation	Reading 3
						Yes	No	Yes	No		
SWW1	286.20	289.33	10.44	10.28	10.28	9.82 to 11.21		x		279.05	
SWW2	286.30	289.37	16.83	16.73	16.73	15.97 to 17.39		x		272.64	
SWW3	286.00	286.50	17.81	17.80	17.80	17.03 to 18.31		x		268.70	
SWW4	282.90	283.60	16.33	16.15	16.15	15.80 to 20.70		x		267.45	
SWW5	275.90	277.02	14.97	14.25	14.25	14.41 to 15.65			x	262.77	14.25
SWW6	270.90	273.06	9.55	9.40	9.40	8.99 to 10.53		x		263.66	
SWW7	273.30	277.93	8.66	8.48	8.48	8.16 to 9.55		x		269.45	
SWW8	275.70	278.24	4.21	4.13	4.13	3.71 to 8.34		x		274.11	
SWW9	283.30	285.55	19.98	19.71	19.71	18.23 to 20.63		x		265.84	
SWW10	279.30	280.43	15.22	14.56	14.56	14.72 to 17.26			x	265.87	14.56
SWW11	271.00	273.50	11.36	11.05	11.05	10.83 to 12.34		x		262.45	
SWW12	270.20	272.82	10.74	10.37	10.37	10.24 to 15.25		x		262.45	
LCW-1	271.40	272.21	11.70	10.84	10.84	10.60 to 13.46		x		261.37	
LCW-2	272.60	274.44	13.93	13.20	13.20	12.83 to 17.24		x		261.24	
LCW-3	283.30	284.36	19.11	19.34	19.34	18.54 to 20.11		x		265.02	
LCW-4	283.80	285.70	21.21	20.49	20.49	20.25 to 23.10		x		265.21	

## ***Attachment 2***

**BBL ENVIRONMENTAL SERVICES, INC.**

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# ***Leachate Disposal and Inspection Checklists***

BBL Environmental Services, Inc.

PAS Site  
Oswego, New York

Site Inspection Checklist

Tim Henson  
BLES Project Personnel

1/6/98  
Date

550  
Time On-Site

Item	Satisfactory	Unsatisfactory	Comment
<b>Monitoring Wells</b>			
Riser	✓		
Locks	✓		
<b>Leachate Collection System</b>			
Pumps	✓		
Pump Controls/Alarms	✓		
Tank Level	✓		
Level Controls/Alarms	N/A		
<b>Site Conditions</b>			
Fence Line	O.K.		
Gate Locked	YES		
Weather Condition/Ground Water	40°, APPROX 12" OF SNOW FELL ON 1/5/98. -70° WINDCHILL TODAY		

SNOW, BUSTY WIND IN LATE MORNING. UNBEARABLY COLD!

REMARKS/SPECIAL MAINTENANCE: (include separate detailed maintenance report as required)

VAC TRUCK ARRIVED @ SITE 2 HOURS LATE. DUE TO VAL VALVING BEING FROZE UP IN NIAGARA FALLS. APOW ARRIVAL TO SITE, VAL THROTTLE CONT.ROL WAS FROZEN AND HAD TO VAC WITH LOW VAC PRESSURE



BBL Environmental Services, Inc.

PAS Site  
Oswego, New York

Site Inspection Checklist

T. HENSON

2/3/99  
Date

6:40 AM  
Time On-Site

LES Project Personnel

Item	Satisfactory	Unsatisfactory	Comment
<b>Monitoring Wells</b>			
Riser	/		
Locks	/		
<b>Leachate Collection System</b>			
Pumps	/		
Pump Controls/Alarms	/		
Level	/		
Level Controls/Alarms	N/A		
<b>Site Conditions</b>			
Fence Line	OK		
Gate Locked	YES		
Weather Condition/Ground Water	MOST OF 6" SNOWPACK HAS MELTED TEMPS IN 40'S TODAY		

REMARKS/SPECIAL MAINTENANCE: (include separate detailed maintenance report as required)

NOTICED INCREASED NOISE LEVELS FROM IMPPELLERS ON LCW-4. TYPICALLY PUMP WILL CHATTER ON INITIAL START UP BUT NOW <sup>PUMP</sup> CONTINUES TO CHATTER DURING OPERATION ALSO LCW-2 HAS INCREASED IMPPELLER NOISE DURING OPERATION (NOT AS SEVERE AS LCW-4 THOUGH) THIS IS THE MOST NOISE I HAVE EXPERIENCED DURING OPERATION OF LCW-4.

BBL Environmental Services, Inc.

PAS Site  
Oswego, New York

Site Inspection Checklist

Date: 3/3/99  
Personnel: T. TAYLOR

Time: 5:45 AM  
Weather: RAW SNOW 33°

Site Feature	Previous Inspection Date	Condition/Maintenance Activity
<b>Cap</b>		
Burrowing Animals		
Cap Vegetation		
Concrete Drainage Trough		
French Drain		
Weeds		
<b>Leachate Collection System</b>		
Pumps		SEE NOTE BELOW
Pump Controls/Alarms		
Tank Level		
<b>Monitoring Wells</b>		
Locks		
Riser		
Surface Completion		
<b>General Site Conditions</b>		
Foliage		
Perimeter Fence		
Site access drive		
Stream gauges		
<b>Other Items</b>		
Equipment Storage Shed		
Fire Extinguisher		
Spill Control Materials		

REMARKS/SPECIAL MAINTENANCE: (include separate detailed maintenance report, if necessary)

PUMP #1 (FORMERLY IN 1 (W 4)) IS TRIPPING THE BLENDER INSIDE PUMP CONTROL BOX AFTER IT SUCKS WELL OIL WHICH IS APPROX. 2-4 HOURS

BBL Environmental Services, Inc.

PAS Site  
Oswego, New York

Leachate Disposal Checklist

T. Hanson  
BLES Project Personnel

1/6/98  
Date

5:50  
Time On-Site

BFL  
Transportation Subcontractor

CECOS NIAGARA FALLS, NY  
Leachate Destination

PUMPING RECORD FROM WELLS TO TANK

Well	Leachate Collection Well Pumping		Well Pumping Flow Rate Analysis		Flow Rate Calculation	Remarks
	Start Time	Stop Time	Time	Tank Elev. (FL. Down)		
LCW-1	6:00	9:04			SEE BELOW	INTERMITTANT OPERATION ↓
LCW-2	6:00	8:50				
JW-3	6:00	9:03				
JW-4	6:00	8:51				

Leachate Holding Tank: USED STICK MEASUREMENT

Initial Flow Meter Reading:

Final Flow Meter Reading: FLOW METER INCD

AVG PUMP RATE =  $\frac{14100 \text{ GALLS}}{243 \text{ MIN}} = 416 \text{ GPM}$

PUMPING FROM TANK TO DISPOSAL TRUCK

Load	(Pre-Loading) Tanker		(Post-Loading) Tanker		Destination	Remarks
	Time	Confirmed Clean	Time	Tanker Volume (By Stick Meas.)	Manifest	
Load #1	11:05	YES	11:15	5,100	CECOS NYB5664474	W.O.# 28/888
Load #2	12:20	YES	1:00	5,000	CECOS NYB5664483	W.O.# 28/889
Load #3						
Load #4						
			TOTAL	10,100		

BBL Environmental Services, Inc.

PAS Site  
Oswego, New York

Leachate Disposal Checklist

T. Hewson  
BBLES Project Personnel  
BFC  
Transportation Subcontractor

2/3/99  
Date

6:40 AM  
Time On-Site

CECOS NIAGARA FALLS  
Leachate Destination

PUMPING RECORD FROM WELLS TO TANK

Well	Leachate Collection: Well Pumping		Well Pumping Flow Rate Analysis		Flow Rate Calculation	Remarks
	Start Time	Stop Time	Time	Tank Elev. (Ft. Down)		
W-1	6:40	9:10			See Below	INTERMITTANT OPERATION
W-2	6:40	9:45				
W-3	6:40	9:35				
W-4	6:40	9:45				↓

Leachate Holding Tank: USED STICK MEASUREMENT

Initial Flow Meter Reading: FLOW METER JUMP

Final Flow Meter Reading: FLOW METER JUMP

Avg Pump Rate =  $\frac{15,400 \text{ gals}}{327 \text{ min}} = 476 \text{ gpm}$

PUMPING FROM TANK TO DISPOSAL TRUCK

Load	(Pre-Loading) Tanker		(Post-Loading) Tanker		Destination	Remarks
	Time	Confirmed Clean	Time	Tanker Volume (By Stick Meas.)	Manifest	
Load #1	8:40	YES	1000	5000	CECOS NY35664429	W.O.# 281890
Load #2	1005	YES	1100	5000	CECOS NY35664591	W.O.# 281936
Load #3	1105	YES	1200	5000	CECOS NY35664609	W.O.# 281937 VAC TRUCK
Load #4			TOTAL	15,400		

BBL Environmental Services, Inc.

PAS Site  
Oswego, New York

Leachate Disposal Checklist

J. Henson  
BBLES Project Personnel

BFC  
Transportation Subcontractor

3/31/99  
Date

CECOS NIAGARA FALLS, NY  
Leachate Destination

5 45 Am  
Time On-Site

PUMPING RECORD FROM WELLS TO TANK

Well	Leachate Collection: Well Pumping		Well Pumping Flow Rate Analysis		Flow Rate Calculation	Remarks
	Start Time	Stop Time	Time	Tank Elev. (Ft. Down)		
LCW-1	5:53	8:18			SEE BELOW	INTERMITTENT OPERATION
LCW-2	6:34	9:30				
W-3	7:15	8:33				
JW-4	5:53	9:31				

Leachate Holding Tank: USED STICK MEASUREMENT

Initial Flow Meter Reading: FLOW METER INOP

Final Flow Meter Reading: FLOW METER INOP

Avg Pump Rate  $\frac{16210 \text{ gms}}{195 \text{ min}} = 83 \text{ GPM}$

PUMPING FROM TANK TO DISPOSAL TRUCK

Load	(Pre-Loading) Tanker		(Post-Loading) Tanker		Destination	Remarks
	Time	Confirmed Clean	Time	Tanker Volume (By Stick Meas.)	Manifest	
Load #1	9:30	YES	10:50	5,510 505"	CECOS NYB 5664618	W.O.# 281.974
Load #2	10:55	YES	11:40	5,600 50"	CECOS NYB 5664627	W.O.# 281.975
Load #3	11:15	YES	12:35	5,100	CECOS NYB 5664634	W.O.# 282.060 W.O. truck
Load #4				16,210		

## ***Attachment 3***

**BBL ENVIRONMENTAL SERVICES, INC.**

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# ***Hazardous Waste Manifests and Gallons Removed***

STATE OF NEW YORK  
DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
DIVISION OF HAZARDOUS SUBSTANCES REGULATION

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Form Approved. OMB No. 2050-0039. Expires 9-30-94

Please print or type. Do not Staple.

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA No. <b>NY 00 05 13 6 20 00 11</b>		Manifest Document No. <b>1</b>		2. Page 1 of 1		Information in the shaded areas is not required by Federal Law.									
3. Generator's Name and Mailing Address <b>PAS Group Site Participation Agreement Parties c/o DEL Environmental Services, Inc. Atlas L.V. McFarney 6723 Tonawanda Road, P.O. Box 66, Syracuse, New York 13214-8066</b>						A. State Manifest Document No. <b>NY B 666474</b>											
4. Generator's Phone ( 315 ) 446-9728						B. Generator's ID ( Pollution Statement ) <b>Service Site, E. Lewis St., Genesee</b>											
5. Transporter 1 (Company Name) <b>Buffalo Fuel Corp.</b>			6. US EPA ID Number <b>NY 00 009 4 37 2 4</b>			C. State Transporter's ID <b>39493(N)</b>		D. Transporter's Phone ( 315 ) 477-8993									
7. Transporter 2 (Company Name)			8. US EPA ID Number			E. State Transporter's ID		F. Transporter's Phone ( )									
9. Designated Facility Name and Site Address <b>CECOS International, Inc. 3600 Niagara Falls Boulevard Niagara Falls, New York 14304</b>						10. US EPA ID Number <b>NY 00 006 33 6 24 1</b>											
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)						12. Containers		13. Total Quantity		14. Unit							
a. <b>EO, Waste, Environmentally Hazardous Substance, Liquid, 9, 2.0.2., (UN3092, PG III), Multi-Source Leachate, P039 (Benzene, Toluene, Xylene)</b>						No. Type		Wt/Vol		Waste No.							
						0 0 1 0 5 1 0 0 c				EPA Waste No. <b>P039</b>							
b.										STATE							
c.										EPA STATE							
d.										EPA STATE							
J. Additional Descriptions for Materials listed Above <b>Water 99%, Toluene 0.0001%</b>						K. Handling Codes for Wastes Listed Above											
a. <b>Xylene 0.001%, Benzene 0.0007%</b>						a		c									
b.						b.		d.									
15. Special Handling Instructions and Additional Information <b>Emergency Response Refer to EPC-31</b>						<b>Product Code: 12263-118</b>											
<b>24-hour Contact: (800) 677-8023</b>						<b>Work Order No.: 281888</b>											
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am a large quantity generator, I certify that I have program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a small generator, I have made a good faith effort to minimize my waste and select the best waste management method that is available to me and that I can afford.																	
Printed/Typed Name <b>J. HENSON</b>				Signature <i>J. Henson</i>				Mo. Day Year <b>01 06 99</b>									
17. Transporter 1 (Acknowledgement of Receipt of Materials)																	
Printed/Typed Name <b>ROBERT ADAMS</b>						Signature <i>Robert Adams</i>						Mo. Day Year <b>01 10 99</b>					
18. Transporter 2 (Acknowledgement or Receipt of Materials)																	
Printed/Typed Name						Signature						Mo. Day Year					
19. Discrepancy Indication Space <b>Quantity Recvd: <del>1348</del> 20.72 TMS</b>																	
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.																	
Printed/Typed Name <b>David T Raby</b>				Signature <i>David T Raby</i>				Mo. Day Year <b>01 06 99</b>									

In case of emergency or spill immediately call the National Response Center (800) 4-8802 and the N.Y. Dept. of Environmental Conservation (518) 457-7362.

STATE OF NEW YORK  
DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
DIVISION OF HAZARDOUS SUBSTANCES REGULATION

**HAZARDOUS WASTE MANIFEST**

P.O. Box 12820, Albany, New York 12212

Please print or type. Do not Staple.

Form Approved, OMB No. 2050-0039, Expires 5-30-91

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA No. <b>NY 000 000 000 000</b>		Manifest Document No. <b>NY B 565 48</b>		2. Page 1 of Information in the shaded areas is not required by Federal law.							
3. Generator's Name and Mailing Address <b>P/S Site Participation Agreement Parties c/o EEL Environmental Services, Inc. Attn: L.V. McHenry 872 South Road, P.O. Box 88, Syracuse, NY 13214-0088</b>				A. State Manifest Document No. <b>NY B 565 48</b>									
4. Generator's Phone <b>315 486-9170</b>				B. Generator's ID <b>315 486-9170</b>									
5. Transporter 1 (Company Name) <b>Buffalo Fuel Corporation</b>		6. US EPA ID Number <b>NY 000 000 000 372 0</b>		C. State Transporter's ID <b>999-3503</b>									
7. Transporter 2 (Company Name)		8. US EPA ID Number		D. Transporter's Phone <b>716 837-8000</b>									
9. Designated Facility Name and Site Address <b>CECOS International, Inc. 3000 Niagara Falls Boulevard Niagara Falls, NY 14302</b>		10. US EPA ID Number <b>NY 000 000 3 62 41</b>		E. State Transporter's ID <b>999-3503</b>									
				F. Transporter's Phone <b>716 837-8000</b>									
				G. State Facility's ID <b>999-3503</b>									
				H. Facility's Phone <b>(716) 302-2676</b>									
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)						12. Containers	13. Total Quantity	14. Unit	15. EPA Waste No.				
a. <b>20, Heats, Environmentally Hazardous Substances, Liquid, 9, a.s.c., UN3082, PG III, Multi-Source Leachate, F019 (Benzene, Toluene, Xylene)</b>						No. <b>0 0 1 1 1</b>	Type <b>T</b>	<b>05000</b>	<b>6</b>	EPA Waste No. <b>NY 000 000 000 000</b>			
b.										EPA Waste No. <b>NY 000 000 000 000</b>			
c.										EPA Waste No. <b>NY 000 000 000 000</b>			
d.										EPA Waste No. <b>NY 000 000 000 000</b>			
J. Additional Descriptions for Materials Listed Above						K. Handling Codes for Wastes Listed Above							
a. <b>Water 99%, Toluene 0.0000%</b>						a. <input checked="" type="checkbox"/>	b. <input type="checkbox"/>	c. <input type="checkbox"/>	d. <input type="checkbox"/>				
b. <b>Water 99.9999%, Benzene 0.0001%</b>						a. <input type="checkbox"/>	b. <input type="checkbox"/>	c. <input type="checkbox"/>	d. <input type="checkbox"/>				
15. Special Handling Instructions and Additional Information													
<b>Emergency Response Refer to EPC-31</b>						<b>Product Code: 4225-425</b>							
<b>24-Hour Contact: (303) 677-8005</b>						<b>Mark Order No.: 281889</b>							
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am a large quantity generator, I certify that I have program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a small generator, I have made a good faith effort to minimize my waste and select the best waste management method that is available to me and that I can afford.													
Printed/Typed Name <b>J. Henson - An Agent for P/S Site Participation Agreement Parties</b>				Signature <i>J. Henson</i>		Mo. <b>01</b>		Day <b>06</b>		Year <b>99</b>			
17. Transporter 1 (Acknowledgement of Receipt of Materials)				Printed/Typed Name <b>Charles Colvin</b>		Signature <i>Charles Colvin</i>		Mo. <b>01</b>		Day <b>06</b>		Year <b>99</b>	
18. Transporter 2 (Acknowledgement or Receipt of Materials)				Printed/Typed Name		Signature		Mo.		Day		Year	
19. Discrepancy Indication Space													
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.													
Printed/Typed Name <b>DAVID T RABY</b>				Signature <i>David T Raby</i>		Mo. <b>01</b>		Day <b>06</b>		Year <b>99</b>			

In case of emergency or spill immediately call the National Response Center (800) 424-9300 and the N.Y. Dept. of Environmental Conservation (518) 457-7302.



STATE OF NEW YORK  
DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
DIVISION OF HAZARDOUS SUBSTANCES REGULATION

**HAZARDOUS WASTE MANIFEST**

P.O. Box 12820, Albany, New York 12212

Form Approved. OMB No 2050-0039 Expires 9-30-94

Print or type. Do not Staple.

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the N.Y. Dept. of Environmental Conservation (518) 457-7362.

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA No. <b>NY 005051165900007</b>		Manifest Document No. <b>00007</b>		2. Page 1 of 1		Information in the shaded areas is not required by Federal Law.				
3. Generator's Name and Mailing Address <b>PAS Oswego Site Participation Agreement Parties c/o BSL Environmental Services, Inc. Attn: L.M. McBurney 6723 Tompash Road, P.O. Box 66, Syracuse, NY 13214-0066</b>						A. State Manifest Document No. <b>NY B 556459 1</b>						
4. Generator's Phone <b>315 446-9128</b>						B. Generator's ID <b>BSL Environmental Services Site, E. Jones Street Oswego</b>						
5. Transporter 1 (Company Name) <b>Buffalo Fuel Corp</b>			6. US EPA ID Number <b>KWR000045724</b>			C. State Transporter's ID <b>86217D NY</b>		D. Transporter's Phone (800) <b>677-8093</b>				
7. Transporter 2 (Company Name)			8. US EPA ID Number			E. State Transporter's ID		F. Transporter's Phone ( )				
9. Designated Facility Name and Site Address <b>CECOS International, Inc. 5600 Niagara Falls Boulevard Niagara Falls, NY 14304</b>						10. US EPA ID Number <b>NY 0080336241</b>		G. State Facility's ID				
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)						12. Containers		13. Total	14. Unit			
						No.		Quantity	WT/Vol			
a. <b>80, Waste, Environmentally Hazardous Substance, Liquid, 3, n.o.s., UN3082, PG 111, Multi-Source Leachate, P039 (Benzene, Toluene, Xylene)</b>						0 6 1 T T		0 5 2 0 0 G	EPA <b>P039</b> STATE			
b.									EPA STATE			
c.									EPA STATE			
d.									EPA STATE			
J. Additional Descriptions for Materials listed Above						K. Handling Codes for Wastes Listed Above						
a. <b>Water 97%, Toluene 0.0001%</b>								<input checked="" type="checkbox"/>	<input type="checkbox"/>			
a. <b>Xylene 0.0011%, Benzene 0.0007%</b>								<input type="checkbox"/>	<input type="checkbox"/>			
b.								<input type="checkbox"/>	<input type="checkbox"/>			
b.								<input type="checkbox"/>	<input type="checkbox"/>			
15. Special Handling Instructions and Additional Information <b>Emergency Response Refer to ERG-31 24-Hour Contact: (800) 677-8093</b>						<b>Product Code: 12205-AAA Work Order No.: 281936</b>						
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am a large quantity generator, I certify that I have program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment, OR if I am a small generator, I have made a good faith effort to minimize my waste and select the best waste management method that is available to me and that I can afford.												
Printed/Typed Name <b>J. Hanson</b> for PAS Site Participation Agreement Parties				Signature <i>J. Hanson</i>		Mo.		Day		Year		
						02		03		99		
T	17. Transporter 1 (Acknowledgement of Receipt of Materials)			Printed/Typed Name <b>Charlie Blum</b>			Signature <i>Charlie Blum</i>			Mo. Day Year		
R							02		03		99	
A	18. Transporter 2 (Acknowledgement or Receipt of Materials)			Printed/Typed Name			Signature			Mo. Day Year		
N												
S	19. Discrepancy Indication Space <b>Quantity Received 23.49 TNS</b>											
I	20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.											
L	Printed/Typed Name <b>DAVID T RARY</b>			Signature <i>David T Rary</i> Agent for CECOS			Mo.		Day		Year	
I							02		03		99	

STATE OF NEW YORK  
DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
DIVISION OF HAZARDOUS SUBSTANCES REGULATION

**HAZARDOUS WASTE MANIFEST**

P.O. Box 12820, Albany, New York 12212

Form Approved. OMB No. 2050-0039. Expires 9-30-94

Please print or type. Do not Staple.

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA No. <b>NY 00005110500000</b>		Manifest Document No. <b>0000000000</b>		2. Page 1 of 1		Information in the shaded areas is not required by Federal Law.		
3. Generator's Name and Mailing Address <b>PAS Gageo Site Participation Agreement Parties c/o ESI Environmental Services, Inc. Attn: Lowell W. McBurney 6713 Tompash Road, P.O. Box 66, Syracuse, NY 13214-0066</b>						A. State Manifest Document No. <b>NY B 555460 9</b>				
4. Generator's Phone (315) 446-9120						B. Generator's ID <b>Services Site, E. Conner St., Gageo</b>				
5. Transporter 1 (Company Name) <b>Buffalo Fuel Corp</b>			6. US EPA ID Number <b>NY R 0000045724</b>			C. State Transporter's ID <b>772012(NY)</b>		D. Transporter's Phone (800) 677-8003		
7. Transporter 2 (Company Name)						E. State Transporter's ID				
9. Designated Facility Name and Site Address <b>CECOS International, Inc. 5650 Niagara Falls Boulevard Niagara Falls, NY 14304</b>						10. US EPA ID Number <b>NY D 0000336241</b>				
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)						12. Containers		13. Total Quantity	14. Unit	I. Waste No.
a. <b>RO, Waste, Environmentally Hazardous Substance, Liquid, 9, n.o.s., UN3092, PG III, Multi-Source Leachate, PCBs (Benzene, Toluene, Xylene)</b>						No. Type		Quantity	Wt/Vol	EPA Waste No.
								03209		EPA 7839
								04220		STATE
								52006		STATE
										EPA STATE
										EPA STATE
										EPA STATE
J. Additional Descriptions for Materials listed Above <b>Water 99%, Toluene 0.00043% Xylene 0.0011%, Benzene 0.00007%</b>						K. Handling Codes for Wastes Listed Above				
						a <input checked="" type="checkbox"/> T c <input type="checkbox"/>				
						b <input type="checkbox"/> d <input type="checkbox"/>				
15. Special Handling Instructions and Additional Information <b>Emergency Response Refer to ERG-31 24-Hour Contact: (800) 677-8003</b>						<b>Product Codes: 12285-AAB Work Order No.: 281937</b>				
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am a large quantity generator, I certify that I have program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a small generator, I have made a good faith effort to minimize my waste and select the best waste management method that is available to me and that I can afford.										
Printed/Typed Name <b>T. JENSEN -As Agent for PAS Site Participation Agreement Parties</b>						Signature <i>T. Jensen</i>			Mo. Day Year <b>02 03 99</b>	
17. Transporter 1 (Acknowledgement of Receipt of Materials)						Signature <i>John G. Giffeller</i>			Mo. Day Year <b>02 03 99</b>	
Printed/Typed Name <b>JOHN G. GIFFELLER</b>						Signature			Mo. Day Year	
18. Transporter 2 (Acknowledgement of Receipt of Materials)						Signature			Mo. Day Year	
Printed/Typed Name						Signature			Mo. Day Year	
19. Discrepancy Indication Space <b>Quantity Received 5,200 <del>gallons</del> gallons</b>										
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.										
Printed/Typed Name <b>DAVID TRABY</b>						Signature <i>David Traby</i>			Mo. Day Year <b>02 03 99</b>	

In case of emergency or spill immediately call the National Response Center (800) 8802 and the N.Y. Dept. of Environmental Conservation (518) 457-7362.

STATE OF NEW YORK  
DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
DIVISION OF HAZARDOUS SUBSTANCES REGULATION

HAZARDOUS WASTE MANIFEST

P.O. Box 12820 Albany New York 12212

Form Approved, OMB No. 2050-0039. Expires 9-30-94

Please print or type. Do not Staple.

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA No. <b>NY 030111 10 17 2 000</b>		Manifest Document No. <b>1</b>	2. Page 1 of	Information in the shaded areas is not required by Federal Law.	
3. Generator's Name and Mailing Address <b>FAS Storage Site Participation Agreement Parties c/o SCL Environmental Services, Inc. Attn: L.N. Mahoney 6723 Tompeth Road, P.O. Box 66, Syracuse, NY 13210-0066</b>		6. US EPA ID Number <b>NY 120300 03 72 0</b>		State Manifest Document No. <b>NY B 56642 8</b>		B. Generator's ID	
4. Generator's Phone (315) 446-9126		5. Transporter 1 (Company Name) <b>Buffete Fuel Corporation</b>		C. State Transporter's ID <b>22122V 1111</b>		D. Transporter's Phone (315) 471-4141	
7. Transporter 2 (Company Name)		8. US EPA ID Number		E. State Transporter's ID		F. Transporter's Phone	
9. Designated Facility Name and Site Address <b>CECOS International, Inc. 5600 Niagara Falls Boulevard Niagara Falls, NY 14304</b>		10. US EPA ID Number <b>NY 780803 36 24 1</b>		G. State Facility's ID		H. Facility's Phone (716) 282-2074	
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)			12. Containers	13. Total Quantity	14. Unit	15. Waste No.	
a. <b>80, Xylene, Environmentally Hazardous Substance, Liquid, 9, a.s.s., 113061, PG III, Multi-Source Leachate, F039 (Xylene, Toluene, Xylene)</b>			No. Type			EPA Waste No.	
						STATE Waste No.	
						EPA Waste No.	
						STATE Waste No.	
						EPA Waste No.	
						STATE Waste No.	
J. Additional Descriptions for Materials listed Above				K. Handling Codes for Wastes Listed Above			
a. <b>Water 994, Toluene 0.00024, Xylene 0.00119, Benzene 0.00074</b>				a. <input checked="" type="checkbox"/> T c. <input type="checkbox"/>			
b. <input type="checkbox"/>				b. <input type="checkbox"/> d. <input type="checkbox"/>			
15. Special Handling Instructions and Additional Information <b>Emergency Response Refer to ERS-31 Product Code: 12283-248</b> <b>24-Hour Contact: (315) 477-4000 Work Order No.: 281890</b>							
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am a large quantity generator, I certify that I have program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a small generator, I have made a good faith effort to minimize my waste and select the best waste management method that is available to me and that I can afford.							
Printed/Typed Name <b>T. HANSON</b>		Signature <i>T. Hanson</i>		Mo. Day Year <b>02 03 99</b>		17. Transporter 1 (Acknowledgement of Receipt of Materials)	
Printed/Typed Name <b>DAVE BARBER</b>		Signature <i>Dave Barber</i>		Mo. Day Year <b>02 03 99</b>		18. Transporter 2 (Acknowledgement or Receipt of Materials)	
Printed/Typed Name		Signature		Mo. Day Year			
19. Discrepancy Indication Space <b>Quantity Received 21.82 TNS</b>							
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.							
Printed/Typed Name <b>DAVID T RAOY</b>		Signature <i>David Raoy</i>		Mo. Day Year <b>02 03 99</b>			

In case of emergency or spill immediately call the National Response Center (800) 4-8602 and the N.Y. Dept. of Environmental Conservation (518) 457-7362.

DIVISION OF HAZARDOUS SUBSTANCES REGULATION

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Form Approved, OMB No. 2050-0039, Expires 9-30-94

Please print or type. Do not Staple.

In case of emergency or spill immediately call the National Response Center (800) 486-8022 and the N.Y. Dept. of Environmental Conservation (516) 457-7362.

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA No. <b>NY 00000000000000000000</b>		Manifest Document No.		2. Page 1 of		Information in the shaded areas is not required by Federal Law.							
3. Generator's Name and Mailing Address <b>P&amp;S Storage Site Participation Agreement Parties c/o D&amp;L Environmental Services, Inc. Attn: L.S. McCarney 475 South Road, P.O. Box 66, Syracuse, NY 13214-0066 (315) 466-3120</b>				6. US EPA ID Number <b>NY 00000000000000000000</b>		A. State Manifest ID No. <b>NY B 566463 G</b>		B. Generator's ID							
5. Transporter 1 (Company Name) <b>Buffalo Fuel Corp.</b>				6. US EPA ID Number <b>NY 00000000000000000000</b>		C. State Transporter's ID <b>771042 W</b>		D. Transporter's Phone ( )							
7. Transporter 2 (Company Name)				8. US EPA ID Number		E. State Transporter's ID		F. Transporter's Phone ( )							
9. Designated Facility Name and Site Address <b>CECOS International, Inc. 3400 Niagara Falls Boulevard Niagara Falls, NY 14304</b>				10. US EPA ID Number <b>NY 00000000000000000000</b>		G. State Facility's ID		H. Facility's Phone ( )							
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)						12. Containers No. Type		13. Total Quantity		14. Unit (Wt/Vol)		15. Waste No.			
a. <b>50, Kats, Environmentally Hazardous Substance, Liquid, 2, 8.2.2.2, UN3082, PG III, Multi-Source Leachate, PG33 (Benzene, Toluene, Xylene)</b>						0 01 TT		5100 G				EPA Waste No. <b>PG33</b>			
b.												EPA Waste No.			
c.												EPA Waste No.			
d.												EPA Waste No.			
J. Additional Descriptions for Materials listed Above <b>Water 99%, Toluene 0.00045%</b>						K. Handling Codes for Wastes Listed Above									
a. <b>Xylene 0.0011%, Benzene 0.00027%</b>						a. <input checked="" type="checkbox"/> b. <input type="checkbox"/> c. <input type="checkbox"/> d. <input type="checkbox"/>									
b.						b. <input type="checkbox"/> c. <input type="checkbox"/> d. <input type="checkbox"/>									
15. Special Handling Instructions and Additional Information <b>Emergency Response Refer to EPC-31</b> <b>Product Code: 1223-MS</b> <b>24-hour Contact: (800) 677-8083</b> <b>Work Order No.: 282060</b>															
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am a large quantity generator, I certify that I have program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a small generator, I have made a good faith effort to minimize my waste and select the best waste management method that is available to me and that I can afford.															
Printed/Typed Name <b>[Signature]</b> for P&S Site Participation Agreement Parties				Signature <b>[Signature]</b>				Mo. Day Year <b>030399</b>							
17. Transporter 1 (Acknowledgement of Receipt of Materials)				Printed/Typed Name <b>KEVIN SEELBINDER</b>				Signature <b>[Signature]</b>				Mo. Day Year <b>030399</b>			
18. Transporter 2 (Acknowledgement or Receipt of Materials)				Printed/Typed Name				Signature				Mo. Day Year			
19. Discrepancy Indication Space															
<b>Quantity Received 21.00 TONS</b>															
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.															
Printed/Typed Name <b>DAVID T RABY</b>				Signature <b>[Signature]</b>				Mo. Day Year <b>030399</b>							

STATE OF NEW YORK DEPARTMENT OF ENVIRONMENTAL CONSERVATION DIVISION OF HAZARDOUS SUBSTANCES REGULATION

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

Form Approved OMB No. 2050-0039, Expires 9-30-91

Please print or type. Do not Staple.

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA No. NY 000 001 1 5 5 0 0 1 2		Manifest Document No.		2. Page 1 of 1		Information in the shaded areas is not required by Federal Law.	
3. Generator's Name and Mailing Address <b>PAS Group Site Participation Agreement Parties c/o EMI Environmental Services, Inc. Attn: L.J. Moloney 673 Tonawanda Road, P.O. Box 66, Syracuse, NY 13210</b>		4. Generator's Phone <b>(315) 446-9120</b>		6. US EPA ID Number <b>NY 000 00 0 0 0 0 0 7 E 0</b>		B. Generator's ID <b>NY B 568462 7</b>		C. State Transporter's ID <b>42-21-1864</b>	
5. Transporter 1 (Company Name) <b>Buffalo Fuel Corp.</b>		7. Transporter 2 (Company Name)		8. US EPA ID Number		D. Transporter's Phone <b>(716) 677-6000</b>		E. State Transporter's ID	
9. Designated Facility Name and Site Address <b>CECOS International, Inc. 3600 Niagara Falls Boulevard Niagara Falls, NY 14304</b>		10. US EPA ID Number <b>NY D 08 63 3 5 2 R 1</b>		12. Containers No. Type		13. Total Quantity		14. Unit Wt/Vol	
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)		12. Containers		13. Total Quantity		14. Unit		Waste No.	
a. <b>Oil, Waste, Environmentally Hazardous Substances, Liquid, 9, 2.2.G., UN3082, Pl. III, Multi-Source Leachate, F039 (Benzene, Toluene, Xylene)</b>		09 1 1		056000				EPA F039	
b.								STATE	
c.								EPA STATE	
d.								EPA STATE	
J. Additional Descriptions for Materials Listed Above <b>Water 200, Volume 0.00039</b>		a. <b>Xylene 0.0010, Benzene 0.00079</b>		c.		K. Handling Codes for Wastes Listed Above		a. <input checked="" type="checkbox"/> T c. <input type="checkbox"/>	
b.		d.				b. <input type="checkbox"/> d. <input type="checkbox"/>			
15. Special Handling Instructions and Additional Information <b>Emergency Response Refer to ERG-31</b> <b>Product Codes: 12205-A18</b> <b>24-hour Contact: (800) 677-6000</b> <b>Work Order No.: 281975</b>									
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am a large quantity generator, I certify that I have program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a small generator, I have made a good faith effort to minimize my waste and select the best waste management method that is available to me and that I can afford.									
Printed/Typed Name <b>J. HENSON - An Agent for PAS Site Participation Agreement Parties</b>		Signature <i>J. Henson</i>		Mo. Day Year <b>03 03 99</b>					
17. Transporter 1 (Acknowledgement of Receipt of Materials)		Printed/Typed Name <b>Randy Seelbinder</b>		Signature <i>Randy Seelbinder</i>		Mo. Day Year <b>03 03 99</b>			
18. Transporter 2 (Acknowledgement or Receipt of Materials)		Printed/Typed Name		Signature		Mo. Day Year			
19. Discrepancy Indication Space <b>Quantity Received: 23.49 TONS</b>									
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.									
Printed/Typed Name <b>DAVID T RABY</b>		Signature <i>David T Raby</i>		Mo. Day Year <b>03 03 99</b>		Agent for CECOS			

In case of emergency or spill immediately call the National Response Center (800) 424-9802 and the N.Y. Dept. of Environmental Conservation (518) 457-7362.

STATE OF NEW YORK  
DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
DIVISION OF HAZARDOUS SUBSTANCES REGULATION

**HAZARDOUS WASTE MANIFEST**

P.O. Box 12820, Albany, New York 12212

Form Approved, OMB No. 2050-0039 Expires 9-30-94

Please print or type. Do not Staple.

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA No. <b>NY 00000000000000000000</b>		Manifest Document No. <b>00000000000000000000</b>		2. Page 1 of 1		Information in the shaded areas is not required by Federal Law.					
3. Generator's Name and Mailing Address <b>PAS Waste Site Participation Agreement Parties c/o NML Environmental Services, Inc. Attn: L.E. McBurney 6722 Tompsett Road, P.O. Box 64, Syracuse, NY 13214-0064</b>						A. State Manifest Document No. <b>NY B 558461 8</b>							
4. Generator's Phone <b>315 445-9118</b>						B. Generator's ID No. <b>Services 310, L. James</b>							
5. Transporter 1 (Company Name) <b>Buffalo Fuel Corp.</b>				6. US EPA ID Number <b>NY 00000000000000000000</b>		C. State Transporter's ID No. <b>281974</b>							
7. Transporter 2 (Company Name)						D. Transporter's Phone ( )							
8. US EPA ID Number						E. State Transporter's ID							
9. Designated Facility Name and Site Address <b>CECOS International, Inc. 5600 Niagara Falls Boulevard Niagara Falls, NY 14304</b>						F. Transporter's Phone ( )							
10. US EPA ID Number <b>NY 00000000000000000000</b>						G. State Facility's ID							
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)						12. Containers		13. Total Quantity	14. Unit Wt/Vol				
a. <b>20, Waste, Environmentally Hazardous Substance, liquid, 9, a.c.s., UN3082, PG III, Multi-source Leachate, PCB (Benzene, Toluene, Xylene)</b>						No. Type		Quantity	Wt/Vol				
								EPA Waste No.	STATE				
								EPA	STATE				
								EPA	STATE				
								EPA	STATE				
J. Additional Descriptions for Materials listed Above <b>Water 99%, Toluene 0.0000%</b>						K. Handling Codes (for Wastes Listed Above)							
a. <b>Xylene 0.0011%, Benzene 0.0000%</b>						a		b	c				
15. Special Handling Instructions and Additional Information <b>Emergency Response Refer to EPC-31</b> <b>24-Hour Contact: (800) 477-0005</b>						<b>Product Code: 1225-A18</b> <b>Work Order No.: 281974</b>							
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am a large quantity generator, I certify that I have program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a small generator, I have made a good faith effort to minimize my waste and select the best waste management method that is available to me and that I can afford.													
Printed/Typed Name <b>T. Henson - As Agent for PAS Site Participation Agreement Parties</b>				Signature <i>T. Henson</i>		Mo.		Day		Year			
17. Transporter 1 (Acknowledgement of Receipt of Materials)				Printed/Typed Name <b>Robert L. Simcox Jr.</b>		Signature <i>Robert L. Simcox Jr.</i>		Mo.		Day		Year	
18. Transporter 2 (Acknowledgement or Receipt of Materials)				Printed/Typed Name		Signature		Mo.		Day		Year	
19. Discrepancy Indication Space <b>Quantity Received <u>21.39</u> TONS.</b>													
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.													
Printed/Typed Name <b>David T Raby</b>				Signature <i>David T Raby</i>		Mo.		Day		Year			
				<b>Agent for CECOS</b>						<b>03/03/99</b>			

In case of emergency or spill immediately call the National Response Center (800) 477-7382 and the N.Y. Dept. of Environmental Conservation (518) 457-7382.

# ***Attachment 4***

**BBL ENVIRONMENTAL SERVICES, INC.**

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## ***Waste Treatment/Disposal Certification***

No.: 000516



CECOS INTERNATIONAL, INC.  
5600 NIAGARA FALLS BLVD.  
NIAGARA FALLS, NY 14304

Date : 01-06-99 Time In: 16:17:24 Time Out: 17:41:27  
Ticket # : 815432 CINS # : 0000042 IHS # : 0000100

Customer : SEE GENERATOR  
Vehicle # : 000466 Lic Plate:

CECOS Manifest # : 56647 4 PO # : 201000 Transporter: BFC

Source Cd : Generator : CHY DECOS OF NEW YORK

Comment : BUFFALO FUEL Operator: ALBERT SMITH

Scale In # : 1 EST. Scale Out # : 1 20.72 EST  
Gross Wt : 38 Tare Wt: 17.28 Net Wt: 20.72

Wo # 281888

Item Descr Bill Qty \$/Unit Extended

SPC SPC 1 20.72 EST

Happy Holidays from BFI!!!

NOTE: Gross weight estimated from last load.  
Truck was not fully on scale when weighed in  
due to severe snow (blizzard-like) conditions.

SIGNATURE: *Robert J. Adams*





CECOS

No.: 000517

CECOS INTERNATIONAL, INC.  
5600 NIAGARA FALLS BLVD.  
NIAGARA FALLS, NY 14304

Net # : 01-06-99      Time In: 16:53:24      Time Out: 18:35:59  
 : A15435      CAS #: 0000042      LMS #: 0000100  
 Customer : SEE GENERATOR  
 Vehicle #: 000427      Lic Plate:  
 CECOS  
 Manifest #: 566446 3      PO #: 281889      Transporter: BFC  
 Source Cd :      Generator : CNY      CECOS OF NEW YORK  
 Comment : BFC      Operator: ALBERT SMITH  
 Scale In #: 1      Scale Out #: 1  
 Gross Wt : 48.87      Tare Wt: 19.14      Net Wt: 28.93 t

*Wt# 281889*

Item	Descr	Bill Qty	\$/Unit	Extended
SPC	SPC		28.93 t	

Happy Holidays from BFI!!!

SIGNATURE: \_\_\_\_\_



No.: 000557

CECOS

CECOS INTERNATIONAL, INC.  
5800 NIAGARA FALLS BLVD.  
NIAGARA FALLS, NY 14304

Date : 82-83-59 Time In: 13:31:48 Time Out: 15:11:14  
Ticket # : A17898 CMS # : 8888942 LMS #: 8888109

Customer : SIZ BEMERRIOR  
Vehicle # : 888464 Lic Plater

Manifest # : 566442 9 PO #: 281890 Transporter: BFC  
Source Cd : Generator : CMY CECOS OF NEW YORK  
Comment : BUFFALO FUEL Operator: ALBERT SMITH  
Scale In #: 1 Scale Out #: 1  
Gross Wt : 37.15 Tare Wt: 15.33 Net Wt: 21.82 t

Item	Descr	Bill Qty	U/Unit	Extended
SFC	SFC			21.82 t

Wo # 281890

Please drive with care!!!

SIGNATURE:

REVIEW ABOVE LISTED SAFETY AND HANDLING  
INSTRUCTIONS PRIOR TO OFF LOAD.



CECOS

No.: 000559

CECOS INTERNATIONAL, INC.  
5600 NIAGARA FALLS BLVD.  
NIAGARA FALLS, NY 14304

Date : 02-03-99      Time In: 15:22:35      Time Out: 16:54:17  
 Ticket # : R17917      CMS # : 0000942      LMS #: 0000100  
 Customer : SEE GENERATOR  
 Vehicle # : 001503      Lic Plate:  
 CECOS  
 Manifest # : 566468 9      PO #:      Transporter: BFC  
 Source Cd :      Generator : CMY      CECOS OF NEW YORK  
 Comment :      Operator: ALBERT SMITH  
 Scale In # : 1      Scale Out #: 1  
 Gross Wt : 36.73      Tare Wt: 15.24      Net Wt: 23.49 t

WO# 281936

Item	Descr	Bill Qty	\$/Unit	Extended
SPC	SPC		23.49 t	

Please drive with care!!!

SIGNATURE:



CECOS

No.: 000561

CECOS INTERNATIONAL, INC.  
5900 NIAGARA FALLS BLVD.  
NIAGARA FALLS, NY 14304

Date: 02-03-99 Time In: 14:46:12 Time Out: 17:45:04  
Ticket #: A17910 CMS #: 0000042 LMS #: 0000100  
Customer: SEE GENERATOR  
Vehicle #: 000427 Lic Plate:

Manifest #: 566459 1 PO #: 281936 Transporter: BFC  
Source Cd: Generator: CMY DECCOS OF NEW YORK  
Comment: BFC Operator: ALBERT SMITH

Scale In #: 1 Scale Out #: 1  
Gross Wt: 36.11 Tare Wt: 18.38 Net Wt: 17.81 t

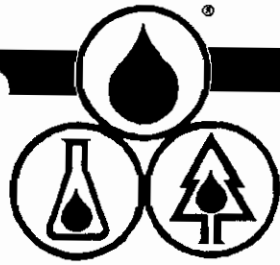
Item	Descr	Bill Qty	\$/Unit	Extended
SPC	SPC	17.81 t		

Please drive with care!!!

WO # 281937

Net wt. appears erroneous.  
suspect scale problems.

SIGNATURE: \_\_\_\_\_



# CECOS INTERNATIONAL INC

5600 Niagara Falls Boulevard  
Niagara Falls, N.Y. 14304-1532  
(716) 282-2676  
FAX: (716) 282-6073

February 17, 1999

Mr. Doug Russet  
BBL Environmental Services, Inc.  
30 Corporate Woods  
Suite 160  
Rochester, New York, 14623

**RE: 12285-AAB (281937); NYS Manifest # NYB5664609**

On Thursday, February 3, 1999, CECOS International Inc. accepted for treatment a shipment of the above reference wastewater generated at the PAS Oswego Site Participation Party, located at East Seneca Street, Oswego, New York. This shipment was manifested for 5,200 gallons.

During routine quality control sampling of this load, visual inspection by CECOS personnel confirmed that the tanker was filled to capacity. Buffalo Fuel Corporation, the transporter, and the driver (John Gieseler) also confirmed that the tank trailer (license plate number 772072-NY), when full holds approximately 5,500 gallons. Mr. Doug Russet also confirmed with the generator that the tanker was filled to capacity.

Due to mechanical problems with the BFI/CECOS scale, the scale ticket only listed 17.81 tons as the net weight. Based upon the specific gravity of the waste this calculated out to 4,226 gallons. The scale was inspected the next day and was found to have a cracked load cell retaining plate, which was promptly fixed on February 4, 1999 (see attached daily service report).

Based on the information listed above, we accepted the manifest quantity (5,200 gallons) as the actual amount of waste shipped and treated at the wastewater treatment facility.

Any other questions or concerns regarding this matter can be directed to the CECOS Waste Acceptance Manager, Mr. Jason G. Sykes at 716-282-2676 ext. 217.

Sincerely,

David T. Raby  
Quality Control Supervisor  
CECOS International, Inc.

CC: 12285-AAB File  
Jason G. Sykes

RECEIVED  
FEB 19 1999  
BLANKENHORN  
BUCK & LEE  
ROCHESTER, NY

# DAILY SERVICE REPORT

### VEHICLE EXPENSE

VEHICLE CLASS: 1  2  3

VEHICLE NO. 9810

MILES 25

ZONE B

### MATERIALS & SUPPLIES PURCHASED LOCALLY

DESCRIPTION	AMOUNT
<i>N/A</i>	

DATE 2-4-99

CUSTOMER NAME AND ADDRESS  
BFI  
56th & Pine Ave  
Niagara Falls, NY

TEL NO. \_\_\_\_\_

TYPE OF SERVICE: INSTALLATION \_\_\_\_\_  
RENTAL \_\_\_\_\_  
FIELD REPAIR  \_\_\_\_\_  
WARRANTY \_\_\_\_\_  
SHOP REPAIR \_\_\_\_\_  
OTHER \_\_\_\_\_

GUARDIAN SERVICE \_\_\_\_\_  
MAINTENANCE AGREEMENT \_\_\_\_\_

REPAIR AND SERVICE WORK ORDER NUMBER 46179600

CUSTOMER P.O. NO. VERBAL DAVE GREENIGR

MODEL 90-164-1 SERIAL 14116982

SERVICE CENTER NAME	EMPLOYEE NUMBER	EMPLOYEE NAME
<u>188</u>	<u>7664</u>	<u>Ralph Capasso &amp; Gerry L...</u>

WORK ACCOMPLISHED: Welded LOAD ALL retaining plate to base plate. See Gerry's report.

QTY	PARTS DESCR. PT	(NO PARTS USED <input checked="" type="checkbox"/> )

DESCRIPTION OF SERVICE TO BE DONE:  
SCALE not weighing correctly. Repair.

QTY	MATERIALS	(NO MATERIALS USED <input type="checkbox"/> )
<u>1</u>	<u>Welding Rod</u>	

REMARKS-DELAYS: --

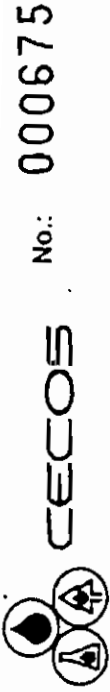
JOB INCOMPLETE

JOB COMPLETE

INSPECTION STICKER SIGNED & RECORD NEXT INSPECTION DATE

EMPLOYEE SIGNATURE: Ralph Capasso

CUSTOMER SIGNATURE: SEE GERRY'S REPORT



No.: 000675

CECOS INTERNATIONAL, INC.  
5660 NIAGARA FALLS BLVD.  
NIAGARA FALLS, NY 14304

Date : 03-03-99 Time In: 14:24:06 Time Out: 15:55:37  
Ticket # : A28736 CYS # : 0000042 LMS #: 0000100  
Customer : SEE GENERATOR  
Vehicle # : 006-000 Lic Plate:

CECOS  
Manifest # : 566461 0 PO #: Transporter: S  
Source Cd : Generator : CMY CECOS OF NEW YORK  
Comment : BUFFALO FUEL Operator: ALBERT SMITH

Scale In # : 1 Scale Out #: 1  
Gross Wt : 36.84 Tare Wt: 15.45 Net Wt: 21.39 t

Item	Descr	Bill Qty	\$/Unit	Extended
SPC	SPC	21.39 t		

Wo# 281974

Spring is on its way!!!!

SIGNATURE:

No.: 000678



CECOS INTERNATIONAL, INC.  
5600 NIAGARA FALLS BLVD.  
NIAGARA FALLS, NY 14304

WO # 282060

Date : 03-03-99 Time In: 15:46:47 Time Out: 17:58:19  
 Ticket # : A20751 CMS # : 0000042 LMS # : 0000100  
 Customer : SEE GENERATOR  
 Vehicle # : 0065066 Lic Plate:  
 SAWITARY 60  
 Manifest # : 566463 6 PO # : Transporter: BFC  
 Source Cd : Generator : CNY CECOS OF NEW YORK  
 Comment : BFC Operator: ALBERT SMITH  
 Scale In # : 1 Scale Det # : 1  
 Gross Wt : 39.93 Tare Wt: 18.93 Net Wt: 21.08 t

Item	Descr	Bill Qty	\$/Unit	Extended
SPC	SPC		21.08 t	

Spring is on its way!!!

SIGNATURE:

ALYEC LINO



No.: 000679



CECOS INTERNATIONAL, INC.  
5600 NIAGARA FALLS BLVD.  
NIAGARA FALLS, NY 14304

WO# 281975

Date : 03-03-99 Time In: 15:51:00 Time Out: 18:01:21  
 Ticket # : A29752 CMS # : 0000042 LMS #: 0000100  
 Customer : SEE GENERATOR  
 Vehicle # : 000000  
 SANITARY 60  
 Manifest # : 566462 7 PO #: Transporter: BFC  
 Source Cd : Generator : CMY CECOS OF NEW YORK  
 Comment : BFC Operator: ALBERT SMITH  
 Scale In # : 1 Scale Out #: 1  
 Gross Wt : 48.49 Tare Wt: 17.00 Net Wt: 23.49 t

Item	Descr	Bill Qty	\$/Unit	Extended
SPC	SPC		23.49 t	

Spring is on its way!!!

SIGNATURE: *Randy*