de maximis, inc.

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

RECEIVED
Bureau Of Hazardous Site Control
DER

Reviewed 7/21/00 continue w/ JKS[?] pumping[?] mgt.

First Class Mail

July 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
20th 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 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 April 2000 through June 2000, 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

7/7/00

QUARTERLY PROGRESS REPORT

Pollution Abatement Services Site - Oswego, New York

July 7, 2000

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

PERIOD COVERED: APRIL - JUNE 2000

ACTIONS TAKEN TOWARD COMPLIANCE DURING PREVIOUS QUARTER (APR - JUN 2000):

- 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 60,804 gallons of leachate during the second quarter of 2000. Twelve leachate removal events wducted 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 3 and 7, May 1 and 15, and June 5 and 19, 2000 in accordance with the OMMP.

- The May 1, 2000 quarterly groundwater elevation results for the M-series and LR-series monitoring wells indicated upward vertical gradients calculated for the leachate collection well LCW-4 area were less than 1.5 feet per foot. Therefore leachate removal activities were conducted at all LCW locations (including LCW-4) during the May - June 2000 period, in accordance with the November 15, 1999 leachate removal protocol.

- Semi-annual monitoring activities were conducted at the site on May 1, 2000. In addition to the operational monitoring described above, the semi-annual monitoring included in collection of groundwater 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. (Although not required by the OMMP, BBLES collected sediment samples from sediment sampling locations identified in the OMMP.)

- BBLES performed routine maintenance activities in accordance with the OMMP. These routine maintenance activities included inspection of spill control materials, perimeter fencing, monitoring wells and staff guages, as well as snow removal as necessary to facilitate leachate removal activities. The vegetated cap was mowed.

ACTION ITEMS FOR FOLLOWING QUARTER (JUL - SEP 2000):

- Leachate removal activities will be performed in July, August and September 2000 in accordance with the OMMP. Table 1 provides a schedule for operation and monitoring activities for the period July through September 2000. (In addition, the tentative schedule for operation and monitoring activities for the period October through December 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. Vertical gradients in the vicinity of leachate collection well LCW-4 will be calculated based on the next quarterly groundwater elevation measurements scheduled for the first week of August, 2000. Leachate removal activities at LCW-4 will continue if the calculated upward vertical gradients for the LCW-4 area is determined to be less than 1.5 feet per foot.

- BBLES will perform routine maintenance activities including mowing the vegetated cap, 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 on April 3 and 7, May 1 and 15, and June 5 and 19, 2000 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)

- The results of the May 2000 semi-annual monitoring of groundwater are attached. (See Attachment 5)

MONTHLY REMOVAL QUANTITIES

The monthly leachate removal events are summarized in the following.

April 2000

Manifest #	Amount (gal)	Date Removed
NYG1719135	5,211	4/5/00
NYG1719144	4,140	4/5/00

April 2000 Total = 9,352 gallons

May 2000

Manifest #	Amount (gal)	Date Removed
NYG1719117	5,276	5/3/00
NYG1719198	5,278	5/3/00
NYG1719189	5,173	5/3/00
NYG1719225	5,267	5/17/00
NYG1719153	5,166	5/17/00

May 2000 Total = 26,160 gallons

June 2000

Manifest #	Amount (gal)	Date Removed
NYG1719234	5,230	6/7/00
NYG1719243	5,209	6/7/00
NYG1719252	4,919	6/7/00
NYG1719216	5,077	6/21/00
NYG1719261	4,857	6/21/00

June 2000 Total = 25,292 gallons

- **CUMULATIVE REMOVAL QUANTITIES**

Cumulative gallons removed during quarter under OMMP (April thru June 2000) — 60,804 gal

HISTORICAL SUMMARY OF LEACHATE REMOVAL ACTIVITIES

Order/Decree	*Disposal Facility/Period*	*Quantities*
1991 IGR Order (2/92 - 10/94)	*Dupont:*	
	1992 (2/98 -12/98)	221,808
	1993	337,619
	1994 (1/94-10/94)	254,898
	Subtotal	814,325
1994 IGR Order (10/94 - 10/98)	*DuPont:*	
	1994 (From 10/94)	50,683
	1995	279,164
	1996 (To 5/96)	119,901
	Subtotal (To 5/96)	449,748
	BFI/CECOS:	
	1996	163,446
	1997	269,371
	1998 (1/98-10/98	207,541
	Subtotal	640,358
	94 IGR Order Total	1,090,106
Final IGR Total		**1,904,431**
OMM Consent Decree (Beginning 11/98)	*BFI/CECOS:*	
	1998 (11/98-12/98)	18,423
	1999	177,710
	2000 (1/00 - 6/00)	95,124
	OMM Subtotal	**291,257**
GRAND TOTAL		**2,195,688**

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 2000

BFI/CECOS Work Order Number	Manifest #	Date Disposed
282856	NYG1719135	4/5/00
282882	NYG1719144	4/5/00

May 2000

BFI/CECOS Work Order Number	Manifest #	Date Disposed
282916	NYG1719117	5/3/00
282917	NYG1719198	5/3/00
282942	NYG1719189	5/3/00
282943	NYG1719225	5/17/00
282944	NYG1719153	5/17/00

June 2000

BFI/CECOS Work Order Number	Manifest #	Date Disposed
283000	NYG1719234	6/7/00
283001	NYG1719243	6/7/00
283002	NYG1719252	6/7/00
283003	NYG1719216	6/21/00
283004	NYG1719261	6/21/00

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 2000 Removal Events		Aug 2000 Removal Events		Sep 2000 Removal Events		Oct 2000 Removal Events		Nov 2000 Removal Events		Dec 2000 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 3	Jul 17	Jul 31	Aug 14	Sep 5	Sep 19	Oct 2	Oct 16	Nov 6	Nov 20	Dec 4	Dec 18
Semi-Annual Monitoring									Nov 6			
Leachate Removal Schedule	Jul 5	Jul 19	Aug 2	Aug 16	Sep 7	Sep 21	Oct 4	Oct 18	Nov 8	Nov 22	Dec 6	Dec 20

Notes:

1. 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.
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.

LR-6	NOV 1989	MAY 1990	NOV 1990	MAY 1991	NOV 1991	MAY 1992	NOV 1992	MAY 1993	NOV 1993	MAY 1994	AUG 1994	NOV 1994	MAY 1995	NOV 1995	MAY 1996	NOV 1996	MAY 1997	MAY 1998	NOV 1998	MAY 1999	NOV 1999	MAY 2000
BENZENE	2J	ND	1J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TOLUENE	2J	2J	2J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
ETHYLBENZENE	1J	ND	1J	0.3J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
XYLENES (TOTAL)	1J	ND	3J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CHLOROBENZENE	ND	ND	ND	ND-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-DICHLOROETHANE	48	67	49	34	33	14	12	8	10	8	7J	13	7	8	ND	8	5	4.2J	6	3	9	23

M-25	AUG 1994	MAY 1996	NOV 1996	MAY 1997	MAY 1998	NOV 1998	MAY 1999	NOV 1999	MAY 2000
BENZENE	4J	9	ND	12	6.8	5	10	8	8
TOLUENE	ND	ND	ND	ND	ND	ND	ND	ND	ND
ETHYLBENZENE	ND	ND	ND	ND	ND	ND	ND	ND	ND
XYLENES (TOTAL)	ND	ND	ND	ND	ND	ND	ND	ND	ND
CHLOROBENZENE	1J	3J	ND	6	5.1	ND	6	3J	6
1,1-DICHLOROETHANE	ND	2J	4J	ND	ND	ND	ND	ND	ND

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

M-21	OCT 1991	OCT 1991(R)	NOV 1991	AUG 1994	MAY 1995	NOV 1996	MAY 1997	MAY 1998	NOV 1998	MAY 1999	NOV 1999	MAY 2000
BENZENE	39	36	100	7J	5	7	9	8.1	10	27	19	21
TOLUENE	5J	3J	10J	ND	ND	ND	ND	ND	ND	ND	ND	ND
ETHYLBENZENE	59	57	180	ND	ND	ND	ND	ND	ND	ND	ND	ND
XYLENES (TOTAL)	250	240	670	30	ND	D.6J	1J	D.8J	ND	1J	ND	ND
CHLOROBENZENE	12	12	34	3J	2J	2J	4J	3.4J	3J	9	6	8
1,1-DICHLOROETHANE	ND	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	MAY 2000
BENZENE	100	32	55	67	84	82	82	84	45	38	46	51	48	42	29	20J	22	33	30	23	29	34	22
TOLUENE	12	11	13B	9J	3J	1BJ	2J	7	0.6J	0.7J	ND	ND	ND	ND	ND	ND	0.5J	ND	0.51J	ND	ND	ND	ND
ETHYLBENZENE	150	69	93	110	55	24	26	87	2J	D.8J	ND	ND	3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
XYLENES (TOTAL)	380	200	310	370	190D	270D	370	390D	120	54	87	96	97	29	1J	ND	2J	3J	1.4J	ND	1J	ND	ND
CHLOROBENZENE	23	7	13	16	18	22	23	22B	10	20	8J	8J	10	9	9	5	5	6	6.4	6	7	8	7
1,1-DICHLOROETHANE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

L: ON=●, OFF=RET
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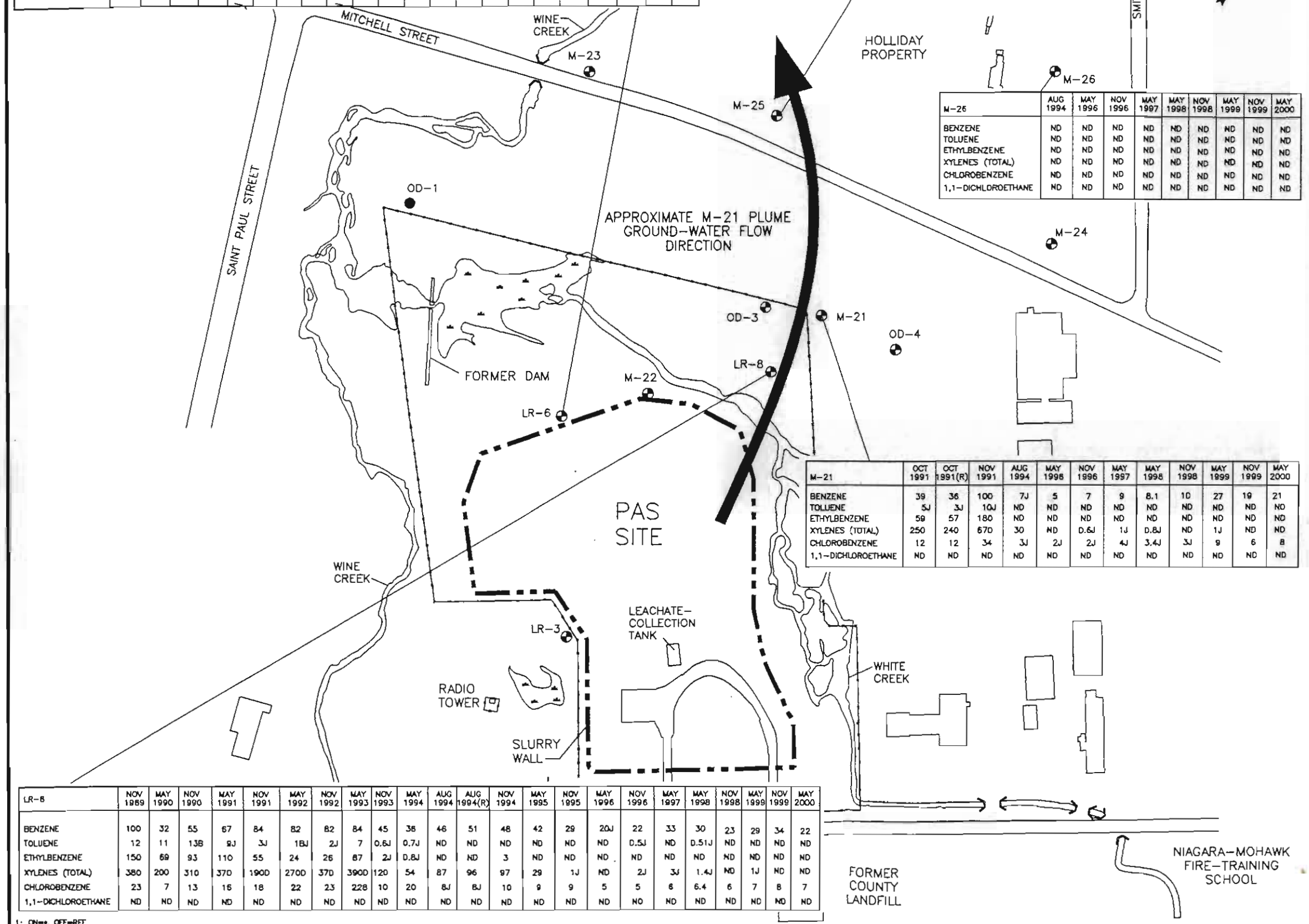


EXPLANATION

- LR-6 ⊕ LOCATION AND DESIGNATION OF EXISTING BEDROCK MONITORING WELL
- OD-1 ● LOCATION AND DESIGNATION OF ABANOONED 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	6
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).

0 200' 400'

GRAPHIC SCALE

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 (1989-2000)

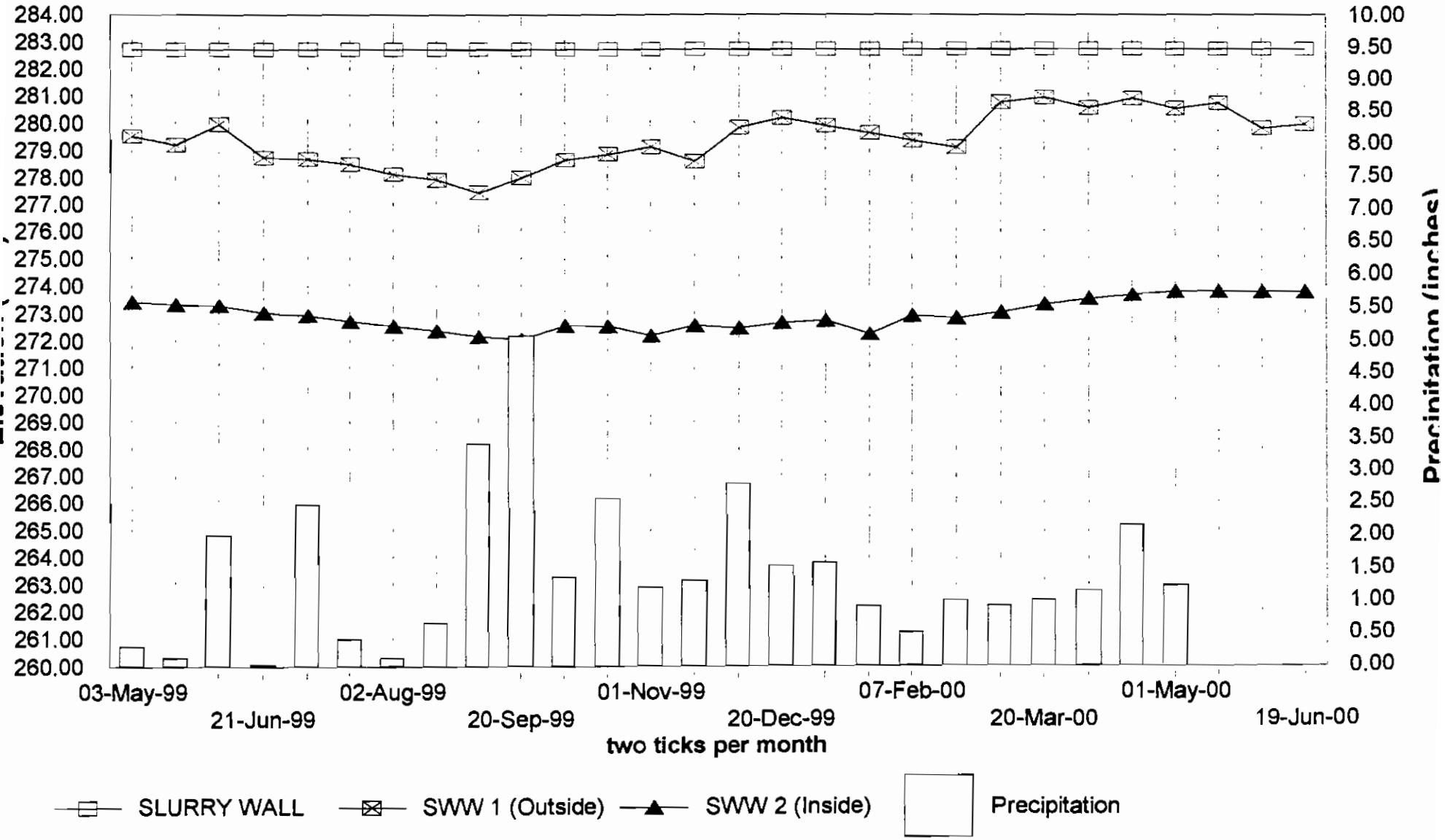
BBL BLASLAND, BOUCK & LEE, INC. engineers & scientists

FIGURE 3

Attachment 1

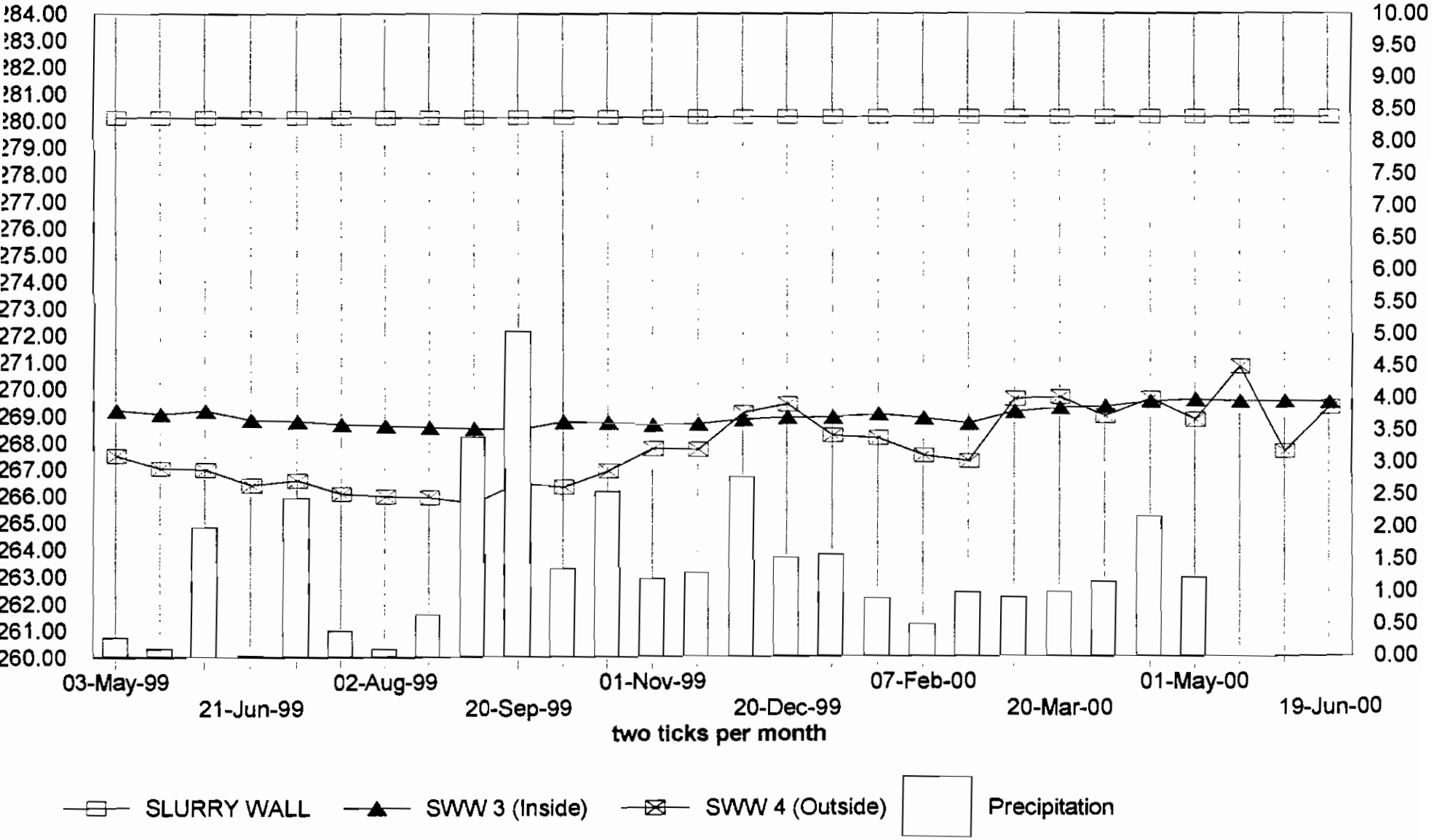
PAS - OSWEGO

GROUNDWATER ELEVATIONS (SWW1 & SWW2)



PAS - OSWEGO

GROUNDWATER ELEVATIONS (SWW3 & SWW4)



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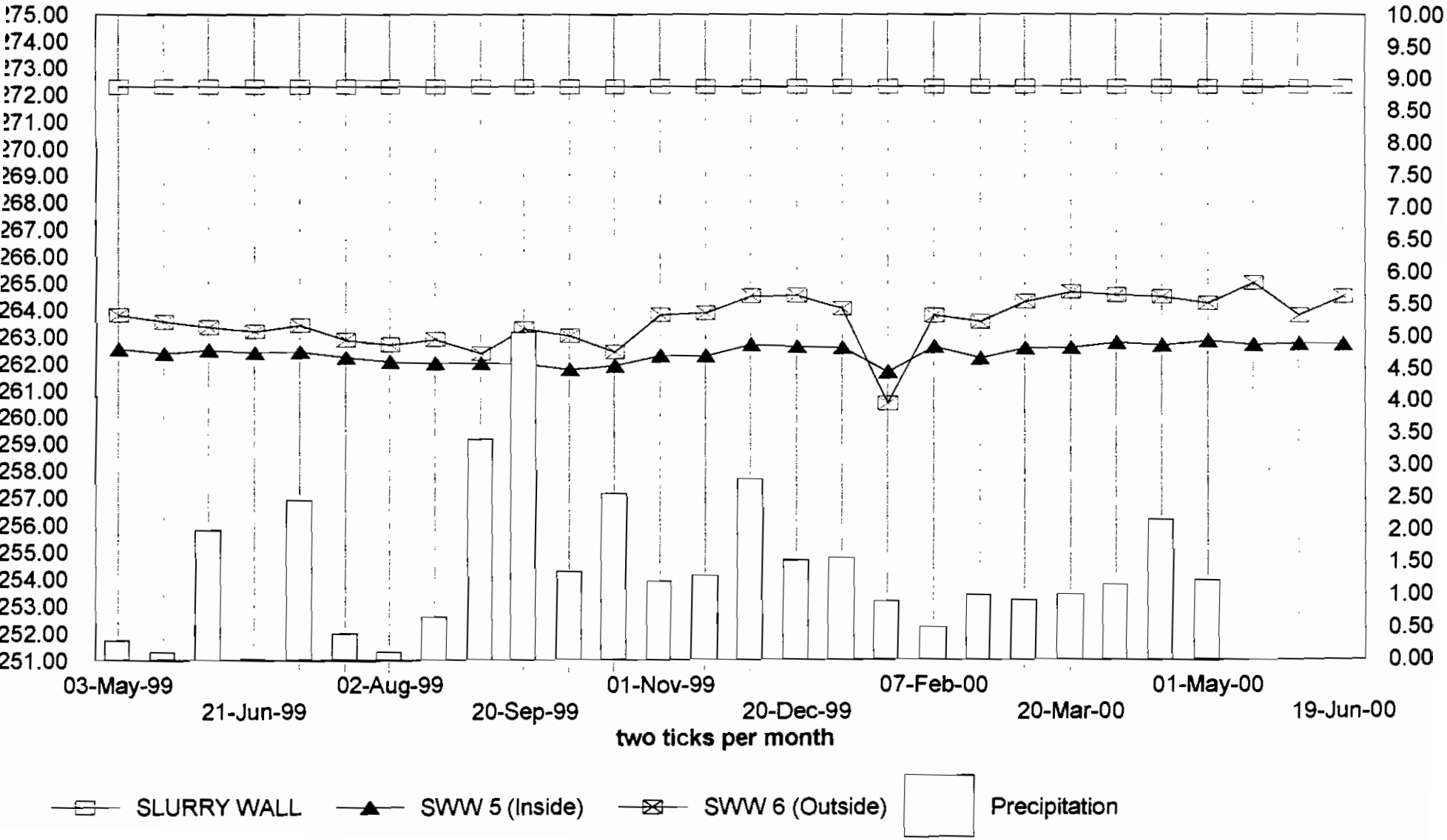
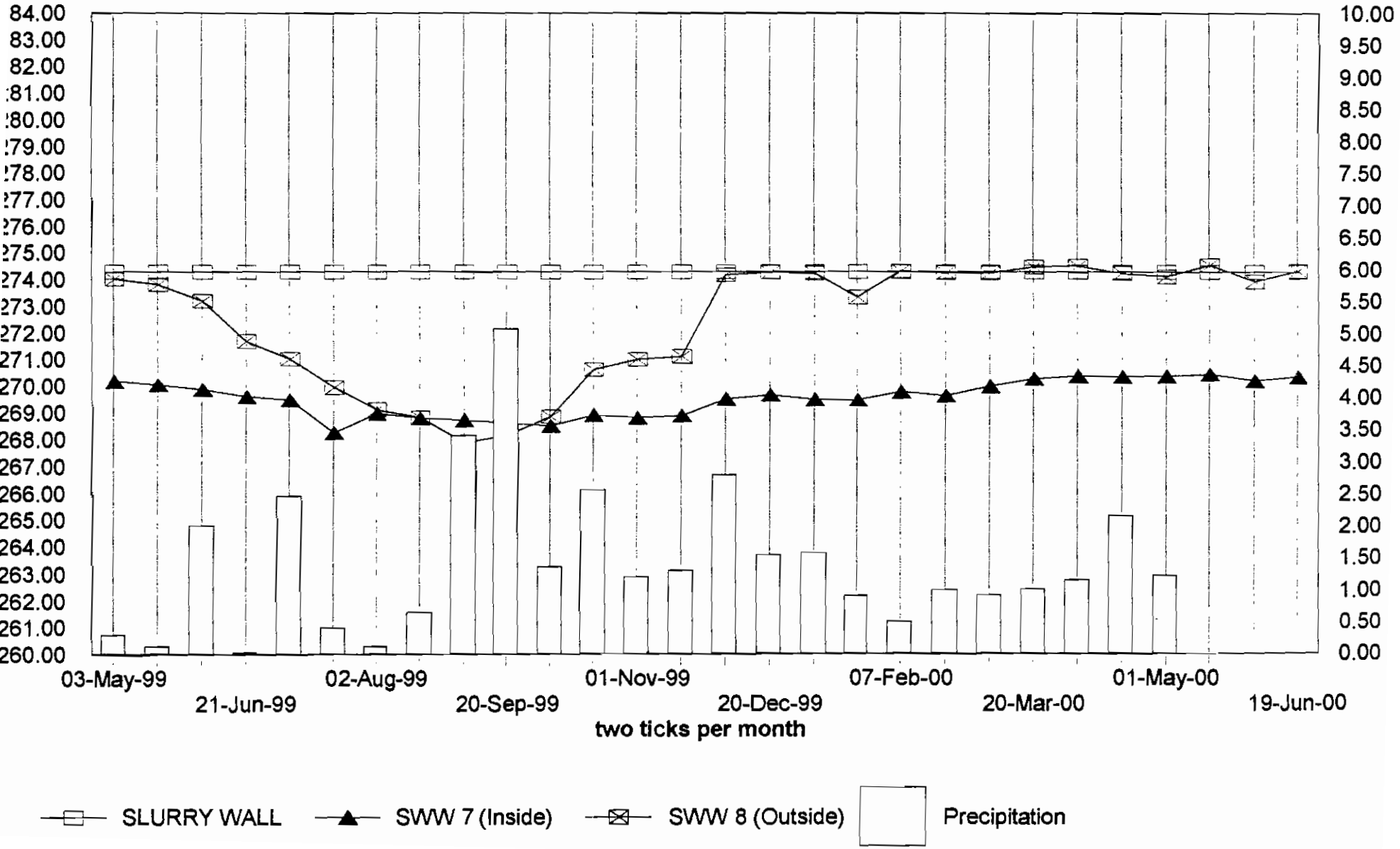
PAS - OSWEGO

GROUNDWATER ELEVATIONS (SWW5 & SWW6)



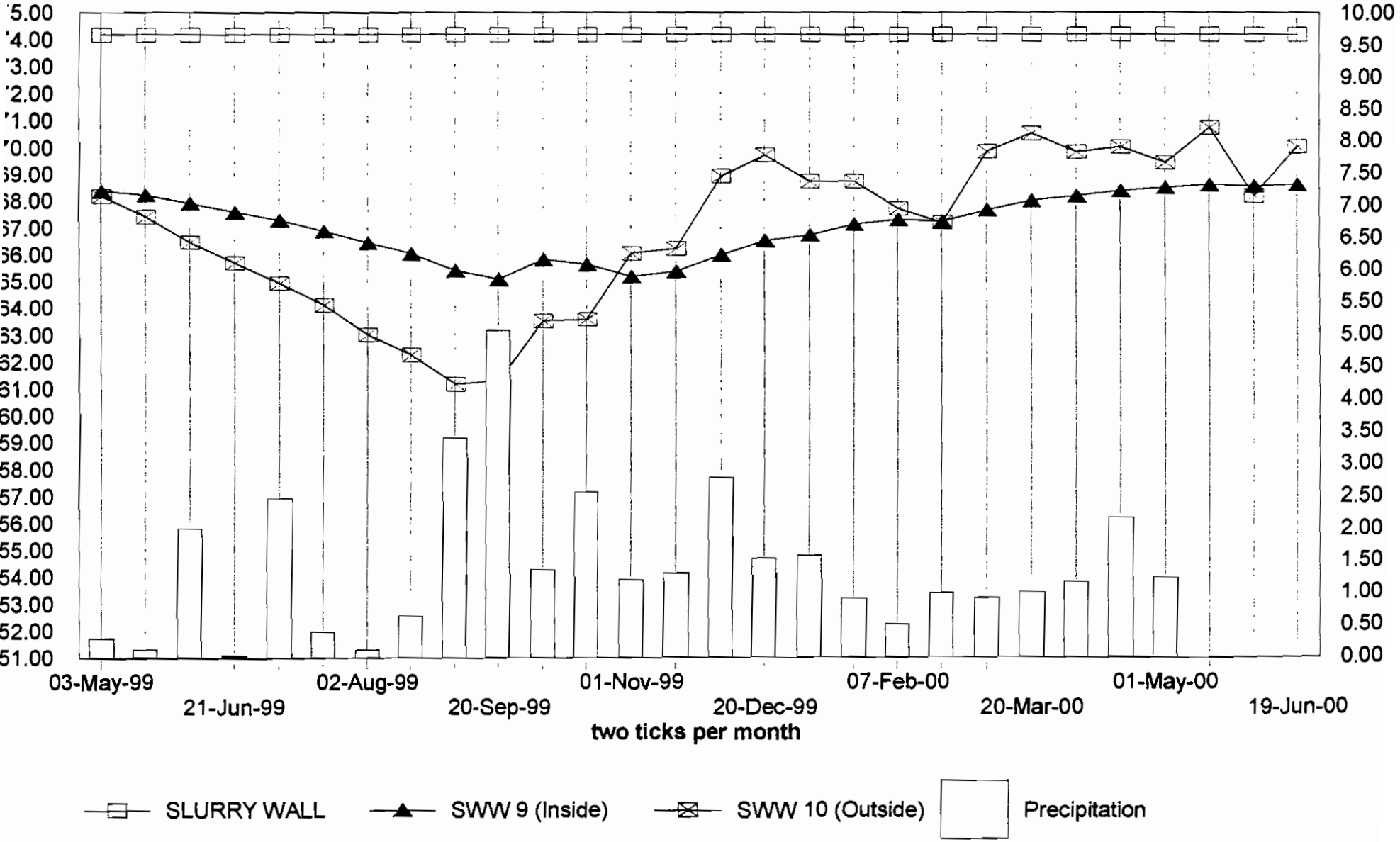
PAS - OSWEGO

GROUNDWATER ELEVATIONS (SWW7 & SWW8)



PAS - OSWEGO

GROUNDWATER ELEVATIONS (SWW9 & SWW10)



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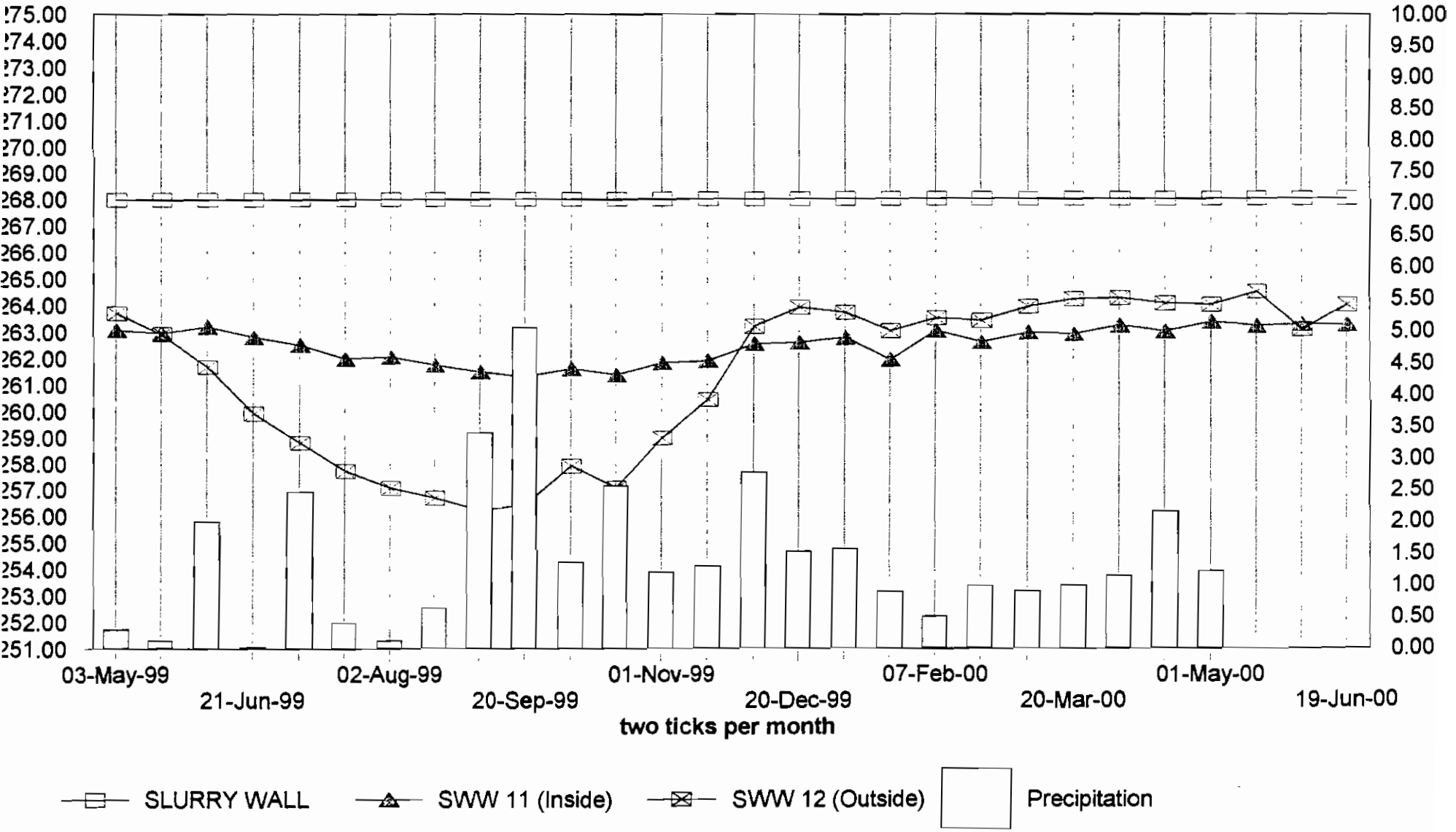
PAS - OSWEGO

GROUNDWATER ELEVATIONS (SWW11 & SWW12)



BBL Environmental Services, Inc.
PAS Site
Oswego, New York
Pre-Pumping Monitoring Well Levels
04/03/2000
07:00 AM

Well Number	Ground Elevation	Riser Elevation	DTW During Previous Event	Reading 1	Reading 2	Acceptable Range for DTW	Within Range? Yes	Within Range? No	Ground-Water Elevation	Reading 3
SWW1	286.20	289.33	8.43	8.82	8.82	7.93 to 10.77	x		280.51	
SWW2	286.30	289.37	16.07	15.85	15.85	15.57 to 17.07	x		273.52	
SWW3	286.00	286.50	17.23	17.18	17.18	16.73 to 18.30	x		269.32	
SWW4	282.90	283.60	13.95	14.63	14.63	13.45 to 16.83	x		268.97	
SWW5	275.90	277.02	14.43	14.23	14.23	13.90 to 15.32	x		262.79	
SWW6	270.90	273.06	8.39	8.51	8.51	7.89 to 10.01	x		264.55	
SWW7	273.30	277.93	7.63	7.54	7.54	7.13 to 8.78	x		270.39	
SWW8	275.70	278.24	3.75	3.71	3.71	3.25 to 4.48	x		274.53	
SWW9	283.30	285.55	17.56	17.39	17.39	17.06 to 18.85	x		268.16	
SWW10	279.30	280.43	9.94	10.63	10.63	9.44 to 13.76	x		269.80	
SWW11	271.00	273.50	10.58	10.27	10.27	9.97 to 11.41	x		263.23	
SWW12	270.20	272.82	8.62	8.58	8.58	8.12 to 9.91	x		264.24	
LCW-1	271.40	272.21	11.57	10.53	10.53	9.82 to 12.21	x		261.68	
LCW-2	272.60	274.44	13.84	12.77	12.77	12.07 to 14.46	x		261.67	
LCW-3	283.30	284.36	18.60	18.72	18.72	18.10 to 19.33	x		265.64	
LCW-4	283.80	285.70	18.81	18.47	18.47	18.31 to 20.61	x		267.23	

BBL Environmental Services, Inc.
PAS Site
Oswego, New York
Pre-Pumping Monitoring Well Levels - Contingency Event
04/17/2000
06:30 AM

Well Number	Ground Elevation	Riser Elevation	DTW During Previous Event	Reading 1	Reading 2	Acceptable Range for DTW	Within Range? Yes	Within Range? No	Ground-Water Elevation	Reading 3
SWW1	286.20	289.33	8.82	8.48	8.48	7.93 to 10.77	x		280.85	
SWW2	286.30	289.37	15.85	15.71	15.71	15.57 to 17.07	x		273.66	
SWW3	286.00	286.50	17.18	17.00	17.00	16.73 to 18.30	x		269.50	
SWW4	282.90	283.60	14.63	14.00	14.00	13.45 to 16.83	x		269.60	
SWW5	275.90	277.02	14.23	14.33	14.33	13.90 to 15.32	x		262.69	
SWW6	270.90	273.06	8.51	8.57	8.57	7.89 to 10.01	x		264.49	
SWW7	273.30	277.93	7.54	7.56	7.56	7.13 to 8.78	x		270.37	
SWW8	275.70	278.24	3.71	4.00	4.00	3.25 to 4.48	x		274.24	
SWW9	283.30	285.55	17.39	17.20	17.20	17.06 to 18.85	x		268.35	
SWW10	279.30	280.43	10.63	10.45	10.45	9.44 to 13.76	x		269.98	
SWW11	271.00	273.50	10.27	10.49	10.49	9.97 to 11.41	x		263.01	
SWW12	270.20	272.82	8.58	8.77	8.77	8.12 to 9.91	x		264.05	
LCW-1	271.40	272.21	10.53	11.58	11.58	9.82 to 12.21	x		260.63	
LCW-2	272.60	274.44	12.77	13.83	13.83	12.07 to 14.46	x		260.61	
LCW-3	283.30	284.36	18.72	18.48	18.48	18.10 to 19.33	x		265.88	
LCW-4	283.80	285.70	18.47	18.20	18.20	18.31 to 20.61		x	267.50	18.20

BBL Environmental Services, Inc.
PAS Site
Oswego, New York
Pre-Pumping Monitoring Well Levels
05/01/2000
06:00 AM

Well Number	Ground Elevation	Riser Elevation	DTW During Previous Event	Reading 1	Reading 2	Acceptable Range for DTW	Within Range? Yes	Within Range? No	Ground-Water Elevation	Reading 3
SWW1	286.20	289.33	8.48	8.85	8.85	7.93 to 9.32	x		280.48	
SWW2	286.30	289.37	15.71	15.60	15.60	15.21 to 16.86	x		273.77	
SWW3	286.00	286.50	17.00	16.94	16.94	16.50 to 17.86	x		269.56	
SWW4	282.90	283.60	14.00	14.77	14.77	13.45 to 15.13	x		268.83	
SWW5	275.90	277.02	14.33	14.17	14.17	13.73 to 14.95	x		262.85	
SWW6	270.90	273.06	8.57	8.83	8.83	7.89 to 9.27	x		264.23	
SWW7	273.30	277.93	7.56	7.54	7.54	7.04 to 8.41	x		270.39	
SWW8	275.70	278.24	4.00	4.11	4.11	3.21 to 4.50	x		274.13	
SWW9	283.30	285.55	17.20	17.07	17.07	16.70 to 18.42	x		268.48	
SWW10	279.30	280.43	10.45	11.03	11.03	9.44 to 11.13	x		269.40	
SWW11	271.00	273.50	10.49	10.14	10.14	9.77 to 11.08	x		263.36	
SWW12	270.20	272.82	8.77	8.83	8.83	8.08 to 9.38	x		263.99	
LCW-1	271.40	272.21	11.58	10.44	10.44	10.03 to 12.08	x		261.77	
LCW-2	272.60	274.44	13.83	12.70	12.70	12.27 to 14.34	x		261.74	
LCW-3	283.30	284.36	18.48	18.61	18.61	17.98 to 19.28	x		265.75	
LCW-4	283.80	285.70	18.20	17.93	17.93	17.70 to 19.68	x		267.77	
LR-2	287.50	289.85	13.27	13.13	13.13	12.77 to 16.01	x		276.72	
LR-3	275.50	278.06	8.79	8.55	8.55	8.58 to 12.34		x	269.51	8.55
LR-6	270.90	274.39	10.73	10.60	10.60	10.23 to 13.72	x		263.79	
LR-8	270.00	273.42	9.89	10.02	10.02	9.39 to 16.08	x		263.40	
M-21	270.28	272.32	9.40	9.51	9.51	8.90 to 12.65	x		262.81	
M-22	270.40	273.88	10.57	10.53	10.53	10.07 to 13.63	x		263.35	
M-23	267.98	270.49	12.03	12.39	12.39	11.53 to 14.66	x		258.10	
M-24	276.49	277.94	14.39	14.44	14.44	13.89 to 17.89	x		263.50	
M-25	264.56	265.84	6.95	7.50	7.50	6.45 to 10.29	x		258.34	
M-26	271.85	273.38	7.64	9.41	9.41	7.14 to 16.08	x		263.97	

BBL Environmental Services, Inc.
PAS Site
Oswego, New York
Pre-Pumping Monitoring Well Levels - Contingency Event
05/15/2000
06:15 AM

Well Number	Ground Elevation	Riser Elevation	DTW During Previous Event	Reading 1	Reading 2	Acceptable Range for DTW	Within Range? Yes	Within Range? No	Ground-Water Elevation	Reading 3
SWW1	286.20	289.33	8.85	8.65	8.65	7.93 to 9.32	x		280.68	
SWW2	286.30	289.37	15.60	15.60	15.60	15.21 to 16.86	x		273.77	
SWW3	286.00	286.50	16.94	17.00	17.00	16.50 to 17.86	x		269.50	
SWW4	282.90	283.60	14.77	12.80	12.80	13.45 to 15.13		x	270.80	12.80
SWW5	275.90	277.02	14.17	14.32	14.32	13.73 to 14.95	x		262.70	
SWW6	270.90	273.06	8.83	8.06	8.06	7.89 to 9.27	x		265.00	
SWW7	273.30	277.93	7.54	7.45	7.45	7.04 to 8.41	x		270.48	
SWW8	275.70	278.24	4.11	3.66	3.66	3.21 to 4.50	x		274.58	
SWW9	283.30	285.55	17.07	16.98	16.98	16.70 to 18.42	x		268.57	
SWW10	279.30	280.43	11.03	9.73	9.73	9.44 to 11.13	x		270.70	
SWW11	271.00	273.50	10.14	10.29	10.29	9.77 to 11.08	x		263.21	
SWW12	270.20	272.82	8.83	8.33	8.33	8.08 to 9.38	x		264.49	
LCW-1	271.40	272.21	10.44	11.20	11.20	10.03 to 12.08	x		261.01	
LCW-2	272.60	274.44	12.70	13.47	13.47	12.27 to 14.34	x		260.97	
LCW-3	283.30	284.36	18.61	18.27	18.27	17.98 to 19.28	x		266.09	
LCW-4	283.80	285.70	17.93	18.69	18.69	17.70 to 19.68	x		267.01	

BBL Environmental Services, Inc.
PAS Site
Oswego, New York
Pre-Pumping Monitoring Well Levels - Contingency Event
06/05/2000
06:30 AM

Well Number	Ground Elevation	Riser Elevation	DTW During Previous Event	Reading 1	Reading 2	Acceptable Range for DTW	Within Range? Yes	Within Range? No	Ground-Water Elevation	Reading 3
SWW1	286.20	289.33	8.65	9.57	9.57	7.98 to 9.35		x	279.76	9.57
SWW2	286.30	289.37	15.60	15.62	15.62	15.10 to 16.35	x		273.75	
SWW3	286.00	286.50	17.00	17.00	17.00	16.44 to 17.68	x		269.50	
SWW4	282.90	283.60	12.80	15.97	15.97	12.30 to 15.27		x	267.63	15.97
SWW5	275.90	277.02	14.32	14.27	14.27	13.67 to 14.83	x		262.75	
SWW6	270.90	273.06	8.06	9.28	9.28	7.56 to 9.33	x		263.78	
SWW7	273.30	277.93	7.45	7.70	7.70	6.95 to 8.06	x		270.23	
SWW8	275.70	278.24	3.66	4.30	4.30	3.16 to 4.61	x		273.94	
SWW9	283.30	285.55	16.98	17.03	17.03	16.48 to 17.89	x		268.52	
SWW10	279.30	280.43	9.73	12.27	12.27	9.23 to 11.53		x	268.16	12.27
SWW11	271.00	273.50	10.29	10.14	10.14	9.64 to 10.99	x		263.36	
SWW12	270.20	272.82	8.33	9.75	9.75	7.83 to 9.33		x	263.07	9.75
LCW-1	271.40	272.21	11.20	10.46	10.46	9.94 to 12.08	x		261.75	
LCW-2	272.60	274.44	13.47	12.71	12.71	12.20 to 14.33	x		261.73	
LCW-3	283.30	284.36	18.27	18.33	18.33	17.77 to 19.22	x		266.03	
LCW-4	283.80	285.70	18.69	18.80	18.80	17.43 to 19.19	x		266.90	

BBL Environmental Services, Inc.
PAS Site
Oswego, New York
Pre-Pumping Monitoring Well Levels - Contingency Event
06/19/2000
07:00 AM

Well Number	Ground Elevation	Riser Elevation	DTW During Previous Event	Reading 1	Reading 2	Acceptable Range for DTW	Within Range? Yes	Within Range? No	Ground-Water Elevation	Reading 3
SWW1	286.20	289.33	9.57	9.44	9.44	7.98 to 9.35		x	279.89	9.44
SWW2	286.30	289.37	15.62	15.63	15.63	15.10 to 16.35	x		273.74	
SWW3	286.00	286.50	17.00	17.04	17.04	16.44 to 17.68	x		269.46	
SWW4	282.90	283.60	15.97	14.33	14.33	12.30 to 15.27	x		269.27	
SWW5	275.90	277.02	14.27	14.29	14.29	13.67 to 14.83	x		262.73	
SWW6	270.90	273.06	9.28	8.57	8.57	7.56 to 9.33	x		264.49	
SWW7	273.30	277.93	7.70	7.57	7.57	6.95 to 8.06	x		270.36	
SWW8	275.70	278.24	4.30	3.90	3.90	3.16 to 4.61	x		274.34	
SWW9	283.30	285.55	17.03	16.98	16.98	16.48 to 17.89	x		268.57	
SWW10	279.30	280.43	12.27	10.45	10.45	9.23 to 11.53	x		269.98	
SWW11	271.00	273.50	10.14	10.25	10.25	9.64 to 10.99	x		263.25	
SWW12	270.20	272.82	9.75	8.85	8.85	7.83 to 9.33	x		263.97	
LCW-1	271.40	272.21	10.46	11.04	11.04	9.94 to 12.08	x		261.17	
LCW-2	272.60	274.44	12.71	13.31	13.31	12.20 to 14.33	x		261.13	
LCW-3	283.30	284.36	18.33	18.15	18.15	17.77 to 19.22	x		266.21	
LCW-4	283.80	285.70	18.80	19.63	19.63	17.43 to 19.19		x	266.07	19.63

Attachment 2

BBL Environmental Services, Inc.

PAS Site
Oswego, New York

Leachate Disposal Checklist

T. Henson	4/5/00	6:30 Am
LES Project Personnel	Date	Time On-Site
BFC	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	6:40	950			SEE BELOW	INTERMITTENT OPERATION
LCW-2	6:40	950				
LCW-3	6:40	910				
LCW-4	—	—				—

Leachate Holding Tank: USED STICK MEASUREMENT

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

$Q = \frac{9218 \text{ GALS}}{260 \text{ MINS}} = 35 \text{ GPM}$

(HAD TO JUMP START VAC TRUCK MOTOR @ 8:20 Am

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	0:30	YES	910	5,238	CECOS NYG17/9135	W.O.# 282856
Load #2	1350	NO SEE NOTE BELOW	1430	3,980	CECOS NYG17A144	W.O.# 282882
Load #3		*REPLACEMENT TANKER IS CLEAN				
Load #4			TOTAL	9,218		

- 2ND TANKER ARRIVED @ 925 Am.
- INSPECTED TANKER #2 AND NOTICED AN OILY RESIDUE ON SIDES OF TANK AND PRODUCT COVERING BOTTOM OF TANK, REQ. ANOTHER TANKER FROM BUFFALO TO ARRIVE LATER TODAY. (ARRIVED @ 1330)

BBL Environmental Services, Inc.

PAS Site
Oswego, New York

Leachate Disposal Checklist

T. Henson — *BES Project Personnel*

5/3/00 — *Date*

5:30 — *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	550	1010			SEE BELOW	INTERMITTENT OPERATION
LCW-2	550	955				
LCW-3	550	940				
LCW-4	7.00	1020				

Leachate Holding Tank: USED STICK MEASUREMENT

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

$Q = \frac{15,400 \text{ GAL}}{415 \text{ MIN}} = 37 \text{ GPM}$

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	800	YES	930	5,200	CECOS NYG1719117	W.O.# 282916
Load #2	935	YES	1030	5,200	CECOS NYG1719198	W.O.# 282917
Load #3	1035	YES	1130	5,000	CECOS NYG1719189	W.O.# 282942
Load #4			TOTAL	15,400		

BBL Environmental Services, Inc.

PAS Site
Oswego, New York

Leachate Disposal Checklist

T Henson	5/17/00	5:30
LES Project Personnel	*Date*	*Time On-Site*
BFC	CECOS	
nsportation 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	545					INTERMITTENT OPERATION
LCW-2	545					
W-3	5:45					
CW-4	5:45					

Leachate Holding Tank: USED STICK MEASUREMENT $q = \frac{10,360 \text{ GALS}}{255 \text{ min}} = 41 \text{ GPM}$

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

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	805	YES	9:30	5260	CECOS	W.O.# 282943
Load #2	935	YES	1015	5,100	CECOS	W.O.# 282944
Load #3						
Load #4			TOTAL	10,360		

BBL Environmental Services, Inc.

PAS Site
Oswego, New York

Leachate Disposal Checklist

T. Henson — *ES Project Personnel*

6/7/00 — *Date*

5:30 — *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)		
CW-1	5:40	9:30			SEE BELOW	INTERMITTENT OPERATION
CW-2	5:40	9:40				↓
W-3	5:40	9:40				↓
W-4	5:40	9:30				↓

Leachate Holding Tank: USED STICK MEASUREMENT

$Q = \frac{15{,}434 \text{ GALS}}{410 \text{ MIN}} = 38 \text{ GPM}$

Initial Flow Meter Reading:

Final Flow Meter Reading: METER INOP

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	8:15	YES	930	48¼" 5317	CECOS NY6171919234	W.O.# 283000
Load #2	935	YES	1045	5,100	CECOS NY6171919243	W.O.# 283001
Load #3	1055	YES	1145	5017	CECOS NY6171919252	W.O.# 283 002
Load #4				TOTAL	15,434	

BBL Environmental Services, Inc.

PAS Site
Oswego, New York

Leachate Disposal Checklist

T HENSON — S Project Personnel
6/21/00 — Date
6:30 — Time On-Site
BFC — Transportation Subcontractor
CECOS — Leachate Destination

PUMPING RECORD FROM WELLS TO TANK

Well	Leachate Collection Well Pumping: Start Time	Stop Time	Well Pumping Flow Rate Analysis: Time	Tank Elev. (Ft. Down)	Flow Rate Calculation	Remarks
CW-1	6:45	9:30			SEE BELOW	INTERMITTANT OPERATION
CW-2	6:45	9:10				↓
W-3	6:45	9:05				
CW-4	6:45	8:55				

Leachate Holding Tank: USED STICK MEASUREMENT
Initial Flow Meter Reading:
Final Flow Meter Reading: METER INOP

$Q = \frac{9982 \text{ GALS}}{300 \text{ min}} = 33 \text{ GPM}$

PUMPING FROM TANK TO DISPOSAL TRUCK

Load	(Pre-Loading) Tanker: Time	Confirmed Clean	(Post-Loading) Tanker: Time	Tanker Volume (By Stick Meas.)	Destination: Manifest	Remarks
Load #1	815	YES	900	5074	CECOS NY6171926	VAC TRUCK W.O.# 283003
Load #2	910	YES	1000	4908	CECOS NY6171926	VAC TRUCK W.O.# 283004
Load #3						
Load #4			TOTAL	9,982 GALS		

BBL Environmental Services, Inc.

PAS Site
Oswego, New York

Site Inspection Checklist

Date: 4/5/00 Time: 6:50
Personnel: T. HENSON Weather: SNOW 33° HAIL

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 STILL NEED TO REMOVE TREE BY OLD DAM
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)

BBL Environmental Services, Inc.

PAS Site
Oswego, New York

Site Inspection Checklist

Date: 5/3/00 Time: 5:30
Personnel: T. HENSON Weather: SUN 38° IN AM 65° IN AFTERNOON

Site Feature	Previous Inspection Date	Condition/Maintenance Activity
Cap		OK
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
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)

BBL Environmental Services, Inc.

PAS Site
Oswego, New York

Site Inspection Checklist

Date: 5/17/00 Time: 5:30
Personnel: TJR Weather: SUN 51° High near 70°

Site Feature	Previous Inspection Date	Condition/Maintenance Activity
Cap		
Burrowing Animals	0	OK
Cap Vegetation		OK
Concrete Drainage Trough		USED Gas BRUSH WACKER TO KNOCK DOWN WEEDS
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 WILL HAVE ANNUAL INSPECTION DONE.
Spill Control Materials		OK

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

BBL Environmental Services, Inc.

PAS Site
Oswego, New York

Site Inspection Checklist

Date: 6/7/00 Time: 5:30
Personnel: [illegible] Weather: SUN 61°

Site Feature	Previous Inspection Date	Condition/Maintenance Activity
Cap		
Burrowing Animals	✓	OK
Cap Vegetation	✓	OK NEEDS FIRST CUT
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
Site access drive		OK
Stream gauges		OK
Other Items		
Equipment Storage Shed		OK
Fire Extinguisher		OK JUST INSPECTED
Spill Control Materials		OK

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

BBL Environmental Services, Inc.

PAS Site
Oswego, New York

Site Inspection Checklist

Date: 6/21/00 Time: 6:30
Personnel: J. HENSON Weather: RAIN 70°

Site Feature	Previous Inspection Date	Condition/Maintenance Activity
Cap		
Burrowing Animals		OK
Cap Vegetation		OK WILL BE MOWED SOON
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
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)

Attachment 3

NYG 1719135

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)

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of	Information within heavy bold line is not required by Federal Law.
	N Y D 0 0 0 5 1 1 6 5 9	0 0 0 1 6	1	

3. Generator's Name and Mailing Address
PAS Oswego Site Participation Agreement Parties
c/o BBL Environmental Services, Inc. Attn: L.W. McBurney
6723 Towpath Road, P.O. Box 66, Syracuse, NY 13214-0066

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

A. NYG 1719135

B. Generator's ID Pollution Abatement Services Site, E. Seneca St. Oswego, NY 13126

C. State Transporter's ID 83164V(NYS)

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

E. State Transporter's ID

F. Transporter's Telephone ( )

G. State Facility ID

H. Facility Telephone (716) 282-2676

5. Transporter 1 (Company Name)	6. US EPA ID Number
Buffalo Fuel Corp.	N Y R 0 0 0 0 4 5 7 2 4
7 Transporter 2 (Company Name)	8. US EPA ID Number
9. Designated Facility Name and Site Address CECOS International, Inc. 5600 Niagara Falls Boulevard Niagara Falls, NY 14304	10. US EPA ID Number N Y D 0 8 0 3 3 6 2 4 1

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers Number	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ, Waste, Environmentally Hazardous Substance, Liquid, 9, n.o.s., UN3082, PG III, Multi-Source Leachate, F039 (Benzene, Toluene, Xylene)	0 0 1	T T	05238	G	EPA F039 STATE
b.					EPA STATE
c					EPA STATE
d.					EPA STATE

J. Additional Descriptions for Materials listed Above
a Water 39 %, Toluene 0.00045%, Xylene 0.0011%, Benzene 0.00007%

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

15. Special Handling Instructions and Additional Information
Emergency Response Refer to ERG-171
24-Hour Contact: (800) 677-8003
Product Code: 12285-AAB
Work Order No.: 282356

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: L. McBurney As Agent for PAS Site Participation Agreement Parties
Signature: L. McBurney
Mo. 04 Day 05 Year 00

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: MARK FITKO
Signature:
Mo. 04 Day 05 Year 00

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

FACILITY

19. Discrepancy Indication Space
Quantity received 21.75 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: Richard A. DiCocco II
Signature: Richard A. DiCocco II
Mo. 04 Day 06 Year 00

GENERATOR

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

COPY 5—Generator—Mailed by TSD Facility

NYG 1719144

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) 457-7362

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: NYD000511659
Manifest Doc. No.: 00017
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 BBL Environmental Services, Inc. Attn: L.W. McElravey
6723 Towpath Road, P.O. Box 66, Syracuse, NY 13214-0066
4. Generator's Telephone Number (315) 446-9120

A. NYG 1719144
B. Generator's ID: Pollution Abatement Services Site, E. Geneca St., Oswego, NY 1321
C. State Transporter's ID: 609265(NY)
D. Transporter's Telephone (800) 677-8003
E. State Transporter's ID
F. Transporter's Telephone ( )
G. State Facility ID
H. Facility Telephone (716) 282-2676

5. Transporter 1 (Company Name): Buffalo Fuel Corp.
6. US EPA ID Number: NYR000045724
7. Transporter 2 (Company Name)
8. US EPA ID Number
9. Designated Facility Name and Site Address: CECOS International, Inc. 5600 Niagara Falls Boulevard Niagara Falls, NY 14304
10. US EPA ID Number: NYD080336294

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers Number	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ, Waste, Environmentally Hazardous Substance, Liquid, 9, n.o.s., UN3082, PG III, Multi-Source Leachate, F039 (Benzene, Toluene, Xylene)	001	TT	03980	G	EPA F039 / STATE
b.					EPA / STATE
c					EPA / STATE
d.					EPA / STATE

J. Additional Descriptions for Materials listed Above
a. Water 998, Toluene 0.000456, Xylene 0.00118, Benzene 0.000078
b
d

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

15. Special Handling Instructions and Additional Information
Product Code: 12285-AAB
Emergency Response Refer to ERG-171
24-Hour Contact: (800) 677-8003
Work Order No.:

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.
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GENERATOR

Printed/Typed Name: T. Henson -As Agent for PAS Site Participation Agreement Parties
Signature:
Mo. 04 Day 05 Year 00

17. Transporter 1 Acknowledgement of Receipt of Materials

TRANSPORTER

Printed/Typed Name
Signature
Mo. Day Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name
Signature
Mo. Day Year

19. Discrepancy Indication Space
Quantity received 17.24 tons

FACILITY

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Richard A DiCarlo II
Signature: Richard A DiCarlo II
Mo. 04 Day 06 Year 00

COPY 5—Generator—Mailed by TSD Facility

NYG 1719117

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) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N Y D 0 0 0 5 1 1 6 5 9
Manifest Doc. No.: 0 0 0 2 1
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 BBL Environmental Services, Inc. Attn: L.W. McInerney
6723 Towpath Road, P.O. Box 66, Syracuse, NY 13214-0066

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

A. NYG 1719117

B. Generator's ID: Pollution Abatement Services Site, E. Seneca St. Oswego, NY 13216

5. Transporter 1 (Company Name): Buffalo Fuel Corp.

6. US EPA ID Number: N Y R 0 0 0 0 4 5 7 2 4

C. State Transporter's ID: 4 0 1 7 2 (NY)

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

7. Transporter 2 (Company Name):

8. US EPA ID Number:

E. State Transporter's ID:

F. Transporter's Telephone ( )

9. Designated Facility Name and Site Address
CECOS International, Inc.
5600 Niagara Falls Boulevard
Niagara Falls, NY 14304

10. US EPA ID Number: N Y D 0 8 0 3 3 6 2 4 1

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	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ, Waste, Environmentally Hazardous Substance, Liquid, 9, n.o.s., UN3082, PG III, Multi-Source Leachate, F039 (Benzene, Toluene, Xylene)	0 0 1	T	15 200	G	EPA F039 / STATE
b.					EPA / STATE
c					EPA / STATE
d.					EPA / STATE

J. Additional Descriptions for Materials listed Above
a. Water 99%, Toluene 0.00045%, Xylene 0.00118%, Benzene 0.00007%

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

15. Special Handling Instructions and Additional Information
Emergency Response Refer to ERG-31 TH
24-Hour Contact: (800) 677-8003
Product Code: 12285-AAB
Work Order No.: 00116

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.

GENERATOR

Printed/Typed Name: L.W. McInerney As Agent for PAS Site Participation Agreement Parties
Signature:
Mo. 05 Day 03 Year 00

17. Transporter 1 Acknowledgement of Receipt of Materials

TRANSPORTER

Printed/Typed Name:
Signature:
Mo. 05 Day 03 Year 00

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name:
Signature:
Mo. Day Year

19. Discrepancy Indication Space
Quantity received 22.02 Tons

FACILITY

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Richard A. DiCicco II
Signature:
Mo. 05 Day 03 Year 00

COPY 5—Generator—Mailed by TSD Facility

NYG 1719189

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)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N Y D 0 0 0 5 1 1 6 5 9 0 0 0 2

Manifest Doc. No.: FH 33

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 BBL Environmental Services, Inc. Attn: L.W. McBurney
6723 Towpath Road, P.O. Box 66, Syracuse, NY 13214-0066

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

A. NYG 1719189

B. Generator's ID: Pollution Abatement Services Site, E. Seneca St., Oswego, NY 13216

5. Transporter 1 (Company Name): Buffalo Fuel Corp.

6. US EPA ID Number: N Y R 0 0 0 0 4 5 7 2 4

C. State Transporter's ID: 609265(NY)

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

7. Transporter 2 (Company Name)

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Telephone ( )

9. Designated Facility Name and Site Address
CECOS International, Inc.
5600 Niagara Falls Boulevard
Niagara Falls, NY 14304

10. US EPA ID Number: N Y D 0 8 0 3 3 6 2 4 1

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	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ, Waste, Environmentally Hazardous Substance, Liquid, 9, n.o.s., UN3082, PG III, Multi-Source Leachate, F039 (Benzene, Toluene, Xylene)	0 0 1	T T	05000	G	EPA F039 / STATE
b.					EPA / STATE
c					EPA / STATE
d.					EPA / STATE

J. Additional Descriptions for Materials listed Above
a Water 99%, Toluene 0.00045%, Xylene 0.0011%, Benzene 0.00007%

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

15. Special Handling Instructions and Additional Information
Emergency Response Refer to ERG-171
24-Hour Contact: (800) 677-8003

Product Code: 12285-AAB

Work Order No.: 2931-2

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.
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Printed/Typed Name	Signature	Mo.	Day	Year
L.W. McBurney-As Agent for PAS Site Participation Agreement Parties		05	13	00

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Mo.	Day	Year
Eric Howard		05	13	00

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Mo.	Day	Year

FACILITY

19. Discrepancy Indication Space
Quantity received 2159 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	Signature	Mo.	Day	Year
Richard A DiCarlo II		05	13	00

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

COPY 5—Generator—Mailed by TSD Facility

NYG 1719198

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

(Hazardous Waste Manifest 1/5/99)

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

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of	Information within heavy bold line is not required by Federal Law.
NYD 0 0 0 5 1 1 6 5 9	0 0 0 2 2	1	

GENERATOR

3. Generator's Name and Mailing Address
PAS Oswego Site Participation Agreement Parties
c/o BBL Environmental Services, Inc. Attn: L.W. McBurney
6723 Towpath Road, P.O. Box 66, Syracuse, NY 13214-0066

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

A. NYG 1719198

B. Generator's ID Pollution Abatement Services Site, E. Seneca St., Oswego, NY 13126

C. State Transporter's ID 3164V (NJ)

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

E. State Transporter's ID

F. Transporter's Telephone ( )

G. State Facility ID

H. Facility Telephone (716) 282-2676

5. Transporter 1 (Company Name): Buffalo Fuel Corp.

6. US EPA ID Number: NYR 0 0 0 0 4 5 7 2 4

7. Transporter 2 (Company Name)

8. US EPA ID Number

9. Designated Facility Name and Site Address
CECOS International, Inc.
5600 Niagara Falls Boulevard
Niagara Falls, NY 14304

10. US EPA ID Number: NYD 0 8 0 3 3 6 2 4 1

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers Number	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ, Waste, Environmentally Hazardous Subtances, Liquid, 9, n.o.s., UN3082, PG III, Multi-Source Leachate, F039 (Benzene, Toluene, Xylene)	0 0 1	T	05200	G	EPA F039 / STATE
b.					EPA / STATE
c					EPA / STATE
d.					EPA / STATE

J. Additional Descriptions for Materials listed Above
Water 99%, Toluene 0.00045%
a Xylene 0.0011%, Benzene 0.00007%

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

15. Special Handling Instructions and Additional Information
Emergency Response Refer to ERG-171
24-Hour Contact: (800) 677-8003

Product Code: 12285-AAB

Work Order No.: 282917

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.
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Printed/Typed Name: THEISEN -As Agent for PAS Site Participation Agreement Parties — Signature — Mo. 05 Day 03 Year 00

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name — Signature — Mo. 05 Day 03 Year 00

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

FACILITY

19. Discrepancy Indication Space
Quant. Received 2203 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: Richard A. DiCarlo II — Signature — Mo. 05 Day 30 Year 00

COPY 5—Generator—Mailed by TSD Facility

NYG 1719225

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) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: NYD000511659
Manifest Doc. No.: 00027
2. Page 1 of 1
Information within heavy bold line is not required by Federal Law.

GENERATOR

3. Generator's Name and Mailing Address
PAS Oswego Site Participation Agreement Parties
C/O BBL Environmental Services, Inc. Attn: Lowell McBurney
6723 Towpath Road, P.O. Box 66, Syracuse, NY 13214-0066

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

A. NYG 1719225

B. Generator's ID: Pollution Abatement Services Site, E. Seneca St., Oswego, NY 13126

5. Transporter 1 (Company Name): Buffalo Fuel Corp.
6. US EPA ID Number: NYR000045724

C. State Transporter's ID: 4687 3A (NY)
D. Transporter's Telephone (800) 677-8003

7. Transporter 2 (Company Name):
8. US EPA ID Number:

E. State Transporter's ID
F. Transporter's Telephone ( )

9. Designated Facility Name and Site Address
CECOS International, Inc.
5600 Niagara Falls Boulevard
Niagara Falls, NY 14304

10. US EPA ID Number: NYD080336241

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	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
~~RQ, Waste, Environmentally Hazardous~~ (AH)					
a. RQ, Waste, Environmentally Hazardous Substance, Liquid, 9, n.o.s., UN3082, PG III, Multi-Source Leachate, F039 (Benzene, Toluene, Xylene)	001	TT	05260	G	EPA F039 / STATE
b.					EPA / STATE
c.					EPA / STATE
d.					EPA / STATE

J. Additional Descriptions for Materials listed Above
a. Water 99%, Toluene 0.00045%, Xylene 0.0011%, Benzene 0.00007%
b.
c.
d.

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

15. Special Handling Instructions and Additional Information
Emergency Response Refer to ERG 171
24 Hour Contact: (800) 677-8003
Product Code: 12285-AA8
Work Order No.: 282443

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.
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Printed/Typed Name	Signature	Mo.	Day	Year
T. HENSON As Agent - for PAS Site Participation Agreement Parties	[signature]	05	17	00

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Mo.	Day	Year
Gerald Wells	[signature]	05	17	00

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Mo.	Day	Year

FACILITY

19. Discrepancy Indication Space
Quantity received 21.98 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	Signature	Mo.	Day	Year
Richard A DiCiocco II	[signature]	05	17	00

COPY 5—Generator—Mailed by TSD Facility

NYG 1719153

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) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. NYD 000 511 659 | Manifest Doc. No. 00025 | 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 BBL Environmental Services, Inc. Attn: Lowell McBarney
6723 Towpath Road, P.O. Box 66 Syracuse, NY 13214-0066
4. Generator's Telephone Number (315) 446-9120

A. NYG 1719153

B. Generator's ID Pollution Abatement Services Site, E. Seneca St., Oswego, NY 13126

5. Transporter 1 (Company Name) Buffalo Fuel Corp. | 6. US EPA ID Number NYR 000 045 724

C. State Transporter's ID 609265(NY)

D. Transporter's Telephone 80000 677-8093

7. Transporter 2 (Company Name) | 8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Telephone ( )

9. Designated Facility Name and Site Address
CECOS
CECOS International, Inc.
5600 Niagara Falls Boulevard
Niagara Falls, New York 14304

10. US EPA ID Number NYD 980 363 248

G. State Facility ID

H. Facility Telephone (716) 282-2676

GENERATOR

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers Number	Type	13. Total Quantity	14. Unit Wt/Val	1. Waste No.
a. RQ, Waste, Environmentally Hazardous Substance, Liquid, 9, n.o.s., UN3082, PG III, Multi-source Leachate, F039 (Benzene, Toluene, Xylene)	001	TT	05100	G	EPA F039 / STATE
b.					EPA / STATE
c					EPA / STATE
d.					EPA / STATE

J. Additional Descriptions for Materials listed Above
a. Water 99%, Toluene 0.00045%, Xylene 0.0011%, Benzene 0.00007%
c
b
d

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

15. Special Handling Instructions and Additional Information
E
Emergency Response Refer to ERG-171
24 Hour Contact: (800) 677-8003
Product Code: 12285-AAB
Work Order No.: 232144

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.
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Printed/Typed Name: Thomas As Agent for PAS Site Participation Agreement Parties | Signature | Mo. 05 Day 17 Year 00

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Mo. 05 Day 17 Year 00

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

FACILITY

19. Discrepancy Indication Space
Quantity received 21.6 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: Richard A. DeCecco II | Signature: Richard A. DeCecco II | Mo. 05 Day 17 Year 00

COPY 5—Generator—Mailed by TSD Facility

NYG 1719234

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)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of	Information within heavy bold line is not required by Federal Law.
NY D 0 0 0 5 1 1 6 5 9	0 0 0 2 6	1	

3. Generator's Name and Mailing Address
PAS Oswego Site Participation Agreement Parties
c/o BBL Environmental Services, Inc. Attn: Lowell McCurdy
6723 Tompath Road, P.O. Box 66, Syracuse, NY 13214-0066
4. Generator's Telephone Number (315) 446-9120

A. NYG 1719234
B. Generator's ID Pollution Abatement Services Site, E. Seneca St., Oswego, NY 13216

5. Transporter 1 (Company Name)	6. US EPA ID Number
Buffalo Fuel Corp.	N Y R 0 0 0 0 4 5 7 2 4
7. Transporter 2 (Company Name)	8. US EPA ID Number

C. State Transporter's ID 46873A (NY)
D. Transporter's Telephone (800) 677-8003
E. State Transporter's ID
F. Transporter's Telephone ( )

9. Designated Facility Name and Site Address	10. US EPA ID Number
CECOS International, Inc. 5600 Niagara Falls Blvd. Niagara Falls, NY 14304	N Y D 0 8 0 3 3 6 2 4 1

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	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ, Waste, Environmentally Hazardous Substance, Liquid, 9 n.o.s., UN3082, PG III, Multi@Source Leachate, F039 (Benzene, Toluene, Xylene)	0 0 1	T T	05317	G	EPA F039 STATE
b.					EPA STATE
c					EPA STATE
d.					EPA STATE

J. Additional Descriptions for Materials listed Above
a Water 99%, Toluene 0.0045%
Xylene 0.0011%, Benzene 0.0007%

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

15. Special Handling Instructions and Additional Information
Emergency Response Refer to ERG 171
24-Hour Contact: (800) 677-8003
Product Code: 12285-AAU
Work Order No.: 203000

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	Signature	Mo.	Day	Year
T. W. Ellis As Agent for PAS Site Participation Agreement Parties		0 6	0 7	0 0

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Mo.	Day	Year
T. W. Ellis		0 6	0 7	0 0

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Mo.	Day	Year

FACILITY

19. Discrepancy Indication Space
Quantity received 21.03 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	Signature	Mo.	Day	Year
Richard A DiCicco II		0 6	0 7	0 0

GENERATOR

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

COPY 5—Generator—Mailed by TSD Facility

NYG 1719243

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) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

UNIFORM HAZARDOUS WASTE MANIFEST

GENERATOR

1. Generator's US EPA ID No.: N Y D 0 0 0 5 1 1 6 5 9
Manifest Doc. No.: 0 0 0 2 7
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 BBL Environmental Services, Inc. Attn: Lowell McBurney
6723 Towpath Road, P.O. Box 66, Syracuse, NY 13214-0066

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

A. NYG 1719243

B. Generator's ID Pollution Abatement Services Site, E. Seneca St., Oswego, NY 13126

5. Transporter 1 (Company Name): Buffalo Fuel Corp.
6. US EPA ID Number: N Y R 0 0 0 0 0 4 5 7 2 4

C. State Transporter's ID [illegible]
D. Transporter's Telephone (800) 677-8003

7. Transporter 2 (Company Name)
8. US EPA ID Number

E. State Transporter's ID
F. Transporter's Telephone ( )

9. Designated Facility Name and Site Address
CECOS International , Inc.
5600 Niagara Falls Blvd.
Niagara Falls, NY 14304

10. US EPA ID Number: N Y D 0 8 0 3 3 6 2 4 1

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	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ, ~~Waste~~ Environmentally Hazardous Substance, Liquid, 9 n.o.s., UN3082, PG III, Multi-Source Leachate, F039 (Benzene, Toluene, Xylene)	0 0 1	T T	05100	G	EPA F039 / STATE
b.					EPA / STATE
c.					EPA / STATE
d.					EPA / STATE

J. Additional Descriptions for Materials listed Above
a. Water 99%, Toluene 0.00045% Xylene 0.0011%, Benzene 0.00007%
b.
c.
d.

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

15. Special Handling Instructions and Additional Information
Emergency Response Refer to ERG#171
24-Hour Contact: (800) 677-8003
Product Code: 12285-AAB
Work Order No.: 23301

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: As Agent for PAS Site Participation Agreement Parties
Signature: [signature]
Mo. 06 Day 07 Year 00

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Mo. | Day | Year

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

FACILITY

19. Discrepancy Indication Space
Quantity Received 21.74 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. Calton
Signature: MJCalton
Mo. 06 Day 07 Year 00

COPY 5—Generator—Mailed by TSD Facility

NYG 1719252

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)

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of	Information within heavy bold line is not required by Federal Law.
	NYD 980511655	000028	1	

GENERATOR

3. Generator's Name and Mailing Address
PAS Oswego Site Participation Agreement Parties
c/o BBL Environmental Services, Inc. Attn: Lowell McBurney
6723 Towpath Road, P.O.Box 66 Syracuse, NY 13214-0066

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

A. NYG 1719252

B. Generator's ID Pollution Abatement Service Site, E. Seneca St., Oswego, NY 13126

5. Transporter 1 (Company Name)	6. US EPA ID Number
Buffalo Fuel Corp.	NYR000045724
7 Transporter 2 (Company Name)	8. US EPA ID Number

C. State Transporter's ID 01-4744-E
D. Transporter's Telephone (800) 677-6003
E. State Transporter's ID
F. Transporter's Telephone ( )

9. Designated Facility Name and Site Address	10. US EPA ID Number
CECOS International, Inc. Niagara Falls Blvd. Niagara Falls, NY 14304	NYD980361411

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	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. HM, Waste, Environmentally Hazardous Substance, Liquid, 9 n.o.s., UN3082, PG III, Multi-Source Leachate, F039 (Benzene, Toluene, Xylene)	001	T	0017	G	EPA F039 STATE
b.					EPA STATE
c					EPA STATE
d.					EPA STATE

J. Additional Descriptions for Materials listed Above
a. Water 99%, Toluene 0.0004%, Xylene 0.0011%, Benzene 0.0007%
c
b
d

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

15. Special Handling Instructions and Additional Information
Emergency Response Refer to CHG-71
24-hour Contact: (800) 677-6003
Product Code: 12285-AAB
Work Order No.: 25302

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	Signature	Mo.	Day	Year
T. Hayes As Agent for PAS Site Participation Agreement Parties	T. Hayes As Agent	06	07	00

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Mo.	Day	Year
Buffalo Fuel		06	07	00

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Mo.	Day	Year

FACILITY

19. Discrepancy Indication Space
Quantity Received 20.53 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	Signature	Mo.	Day	Year
Michael J Carlton	Michael J Carlton	06	07	00

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

COPY 5—Generator—Mailed by TSD Facility

NYG 1719216

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) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of	Information within heavy bold line is not required by Federal Law.
N Y 0 8 0 0 5 1 1 6 5 9 0 0 0 3 1		1	

GENERATOR

3. Generator's Name and Mailing Address
PAS Oswego Site Participation Agreement Parties
C/O/BBL Environmental Services, Inc. Attn: Lowell McBurney
6723 Tompath Road, P.O. Box 66, Syracuse, NY 13214-0066
4. Generator's Telephone Number (315) 445-3120

A. NYG 1719216
B. Generator's ID Pollution Abatement Service Site, E. Seneca St. Oswego, NY 13126

5. Transporter 1 (Company Name): Buffalo Fuel Corp.
6. US EPA ID Number: N Y D 0 0 6 4 5 7 2 4
C. State Transporter's ID 609265 (WH)
D. Transporter's Telephone (800) 877-8003

7 Transporter 2 (Company Name)
8. US EPA ID Number
E. State Transporter's ID
F. Transporter's Telephone ( )

9. Designated Facility Name and Site Address
CECOS International, Inc.
5600 Niagara Falls Boulevard
Niagara Falls, NY 14304
10. US EPA ID Number: N Y D 0 8 0 3 3 6 2 4 1
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	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ, Waste, Environmentally Hazardous Substance, Liquid, 9 n.o.s., UN3082, PG III, Multi-Source Leachate, F039 (Benzene, Toluene, Xylene)	001	TT	5074	G	EPA F039 / STATE
b.					EPA / STATE
c					EPA / STATE
d.					EPA / STATE

J. Additional Descriptions for Materials listed Above
Water 99%, Toluene 0.0004%
a Xylene 0.0011%, Benzene 0.0008%

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

15. Special Handling Instructions and Additional Information
Emergency Response Refer to ERG - 171
24 Hour Contact: (800) 877-8003
Product Codes: 12285-AAH
Work Order No.: 283003

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
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Printed/Typed Name	Signature	Mo.	Day	Year
[illegible] Agent for PAS Site Participation Agreement Parties	[signature]	06	21	00

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Mo.	Day	Year
[illegible]	[signature]	06	21	00

18 Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Mo.	Day	Year

FACILITY

19. Discrepancy Indication Space
Quantity received 21.19 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	Signature	Mo.	Day	Year
Richard A DiCarlo II	Richard A DiCarlo II	06	21	00

COPY 5—Generator—Mailed by TSD Facility

NYG 1719261

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)

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of	Information within heavy bold line is not required by Federal Law.
	NYD 000511650	000030	1	

3. Generator's Name and Mailing Address
PAS Oswego Site Participation Agreement Parties
c/o HSL Environmental Services, Inc. Attn: L.E. McBurney
6725 Towpath Road, P.O. Box 66, Syracuse, NY 13214-0066

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

A. NYG 1719261

B. Generator's ID Pollution Abatement Services Site, E. Seneca St., Oswego, NY 13126

5. Transporter 1 (Company Name)	6. US EPA ID Number	C. State Transporter's ID 49423F(NY)
Tulfalo Fuel Corp.	NYR000043724	D. Transporter's Telephone (800) 677-8085
7. Transporter 2 (Company Name)	8. US EPA ID Number	E. State Transporter's ID
		F. Transporter's Telephone ( )

9. Designated Facility Name and Site Address	10. US EPA ID Number	G. State Facility ID
CECOS International, Inc. 5000 Niagara Falls Boulevard Niagara Falls, NY 14304	NYD000336141	H. Facility Telephone (716) 282-2676

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers Number	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ, Waste, Environmentally Hazardous Substance, Liquid, 9, n.o.s., UN3082, PG III, Multi-Source Leachate, F039 (Benzene, Toluene, Xylene)	001	T	04908	G	EPA F039 STATE
b.					EPA STATE
c					EPA STATE
d.					EPA STATE

J. Additional Descriptions for Materials listed Above
a. Water 99%, Toluene 0.0094%, Xylene 0.0011%, Benzene 0.0002.7%
b.
c.
d.

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

15. Special Handling Instructions and Additional Information
Emergency Response Refer to ERG-171
Product Code: 12285-AAB
24-hour Contact: (800) 677-8085
Work Order No.: 283004

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.
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Printed/Typed Name	Signature	Mo.	Day	Year
L. HENSON - As Agent for PAS Site Participation Agreement Parties		06	21	00

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Mo.	Day	Year
Robert L. Simcox Jr.	Robert L. Simcox Jr.	06	21	00

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Mo.	Day	Year

19. Discrepancy Indication Space
Quantity received 20.22 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	Signature	Mo.	Day	Year
Richard A. DiCorcia II		06	21	00

GENERATOR

TRANSPORTER

FACILITY

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

COPY 5—Generator—Mailed by TSD Facility

Attachment 4

CECOS No.: 001606

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

Post-it® Fax Note 7671	Date 4-6-00	# of pages ▶ 1
To Doug Russell	From R. DiCioccio	
Co./Dept. B B & L	Co. CECOS International	
Phone # 292-6740	Phone # 282-2676	
Fax # 292-6715	Fax # 282-6073	

Date : 04-06-00 Time In: 06:54:21 Time Out: 09:41:54
Ticket # : 027704 CMS # : 0000042 LMS #: 0000100
Customer : SEE GENERATOR
Vehicle # : 006889 Lic Plate:
CECOS
Manifest # : PO #: Transporter: S
Source Cd :
Comment : BFC Operator: PAM SCOTT
Scale In # : 1 Scale Out #: 1
Gross Wt : 36.47 Tare Wt: 19.19 Net Wt: 17.28 t

Item	Descr	Bill Qty	$/Unit	Extended
SPC	SPC	17.28 t		

Spring is here!!!!

(W.O. 282882)

SIGNATURE: X

CECOS No.: 001607

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

Date : 04-06-00 Time In: 07:58:05 Time Out: 10:17:54
Ticket # : 027715 CMS # : 0000042 LMS #: 0000100
Customer : SEE GENERATOR
Vehicle # : 006887 Lic Plate:
CECOS
Manifest # : PO #: Transporter: BFC
Source Cd :
Comment : BUFFALO FUEL Operator: PAM SCOTT
Scale In # : 1 Scale Out #: 1
Gross Wt : 37.98 Tare Wt: 16.23 Net Wt: 21.75 t

Item	Descr	Bill Qty	$/Unit	Extended
SPC	SPC	21.75 t		

Spring is here!!!!

(W.O. 282856)

SIGNATURE: X

CECOS No.: 001635

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

Date : 05-03-00 Time In: 13:58:20 Time Out: 14:53:57
Ticket # : A30599 CMS # : 0000042 LMS #: 0000100
Customer : SEE GENERATOR
Vehicle # : 000454 Lic Plate:
CECOS
Manifest # : PO #: Transporter: BFC
Source Cd :
Comment : BUFFALO FUEL Operator: AL SMITH
Scale In # : 1 Scale Out #: 1
Gross Wt : 37.36 Tare Wt: 15.33 Net Wt: 22.03 t

Item	Descr	Bill Qty	$/Unit	Extended
SPC	SPC	22.03 t		

Spring is here!!!!

Post-it® Fax Note 7671	Date 5-3-00	# of pages ▶ 2
To Dave Ruszczyk	From Rich DiCioccio	
Co./Dept. BB+L	Co. CECOS	
Phone # 292-6740	Phone # 282-2676	
Fax # 292-6715	Fax # 282-6073	

(W.O. # 282917)

SIGNATURE: X

CECOS No.: 001634

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

Date : 05-03-00 Time In: 12:54:38 Time Out: 14:16:41
Ticket # : A30587 CMS # : 0000042 LMS #: 0000100
Customer : SEE GENERATOR
Vehicle # : 000461 Lic Plate:
CECOS
Manifest # : PO #: Transporter: BFC
Source Cd :
Comment : BUFFALO FUEL Operator: AL SMITH
Scale In # : 1 Scale Out #: 1
Gross Wt : 38.31 Tare Wt: 16.29 Net Wt: 22.02 t

Item	Descr	Bill Qty	$/Unit	Extended
SPC	SPC	22.02 t		

Spring is here!!!!

(W.O. 282916)

SIGNATURE: X

CECOS

No.: 001637

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

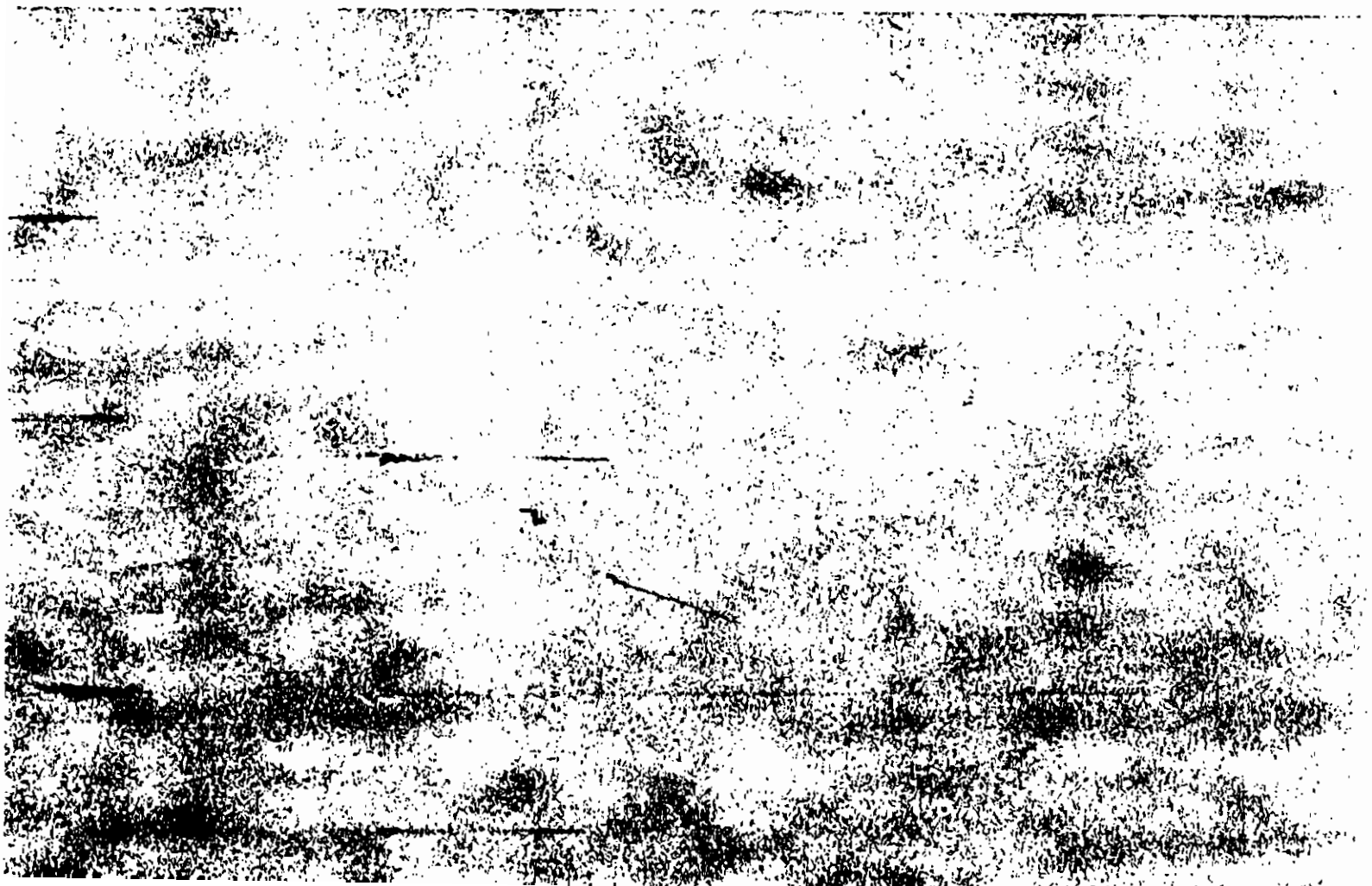
Date : 05-03-00 Time In: 14:40:52 Time Out: 16:36:21
Ticket # : A30689 CMS # : 0000042 LMS #: 0000100
Customer : SEE GENERATOR
Vehicle # : 006889 Lic Plate:
CECOS
Manifest # : 1719189 PO #: Transporter: S
Source Cd : Generator : CNY CECOS OF NEW YORK
Comment : BFC Operator: AL SMITH
Scale In # : 1 Scale Out #: 1
Gross Wt : 40.56 Tare Wt: 18.97 Net Wt: 21.59 t

Item	Descr	Bill Qty	$/Unit	Extended
SPC	SPC	21.59 t		

Spring is here!!!!

(W.O. #282942)

SIGNATURE:



CECOS

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

? : 05-17-00 Time In: 13:32:41 Time Out: 15:06:05
ket # : A32279 CMS # : 0000042 LMS #: 0000100
tomer : SEE GENERATOR
icle # : 000471 Lic Plate:
OS
ifest # : PO #: Transporter: BFC
rce Cd :
ment : BUFFALO FUEL Operator: AL SMITH
le In # : 1 Scale Out #: 1
ss Wt : 40.24 Tare Wt: 18.68 Net Wt: 21.56 t

m	Descr	Bill Qty	$/Unit	Extended
:	SPC	21.56 t		

Spring is here!!!!

Post-it® Fax Note 7671	Date 5-17-00	# of pages ▶ 1
To Doug Ruszczyk	From Rich DiCioccio	
Co./Dept. BBL Inc	Co. CECOS (BFI)	
Phone # 292-6740	Phone # 282-2676	
Fax # 292-6715	Fax # 282-2062	

(W.O. 282944)

SIGNATURE: X

CECOS

No.: 001662

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

ite : 05-17-00 Time In: 14:06:45 Time Out: 16:15:57
icket # : A32292 CMS # : 0000042 LMS #: 0000100
istomer : SEE GENERATOR
hicle # : 000453 Lic Plate:
ECOS
anifest # : PO #: Transporter: BFC
ource Cd : Generator : CNY CECOS OF NEW YORK
omment : BFC Operator: AL SMITH
cale In # : 1 Scale Out #: 1
ross Wt : 38.86 Tare Wt: 16.88 Net Wt: 21.98 t

tem	Descr	Bill Qty	$/Unit	Extended
PC	SPC	21.98 t		

Spring is here!!!!

(W.O. 282943)

SIGNATURE: X

CECOS

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

:e : 06-07-00 Time In: 13:13:55 Time Out: 15:33:17
:ket # : A34937 CMS # : 0000042 LMS #: 0000100
:tomer : SEE GENERATOR
:icle # : 000470 Lic Plate:
:09
:ifest # : PO #: Transporter: BFC
:rce Cd :
:ment : BFC Operator: AL SMITH
:le In # : Manual Scale Out #: 1
:ss Wt : 38.06 Tare Wt: 16.23 Net Wt: 21.83 t

m	Descr	Bill Qty	$/Unit	Extended
C	SPC	21.83 t		

Spring is here!!!!

(W.O. # 28300)

SIGNATURE: X

CECOS No.: 001708

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

:te : 06-07-00 Time In: 14:27:47 Time Out: 16:03:33
:cket # : A34970 CMS # : 0000042 LMS #: 0000100
:stomer : SEE GENERATOR
:hicle # : 000464 Lic Plate: [
:COS
:nifest # : PO #: Transporter: BFC
:urce Cd : Generator : CNY CECOS OF NEW YORK
:ment : JUFFALO FUEL Operator: AL SMITH
:ale In # : 1 Scale Out #: 1
:oss Wt : 37.99 Tare Wt: 16.25 Net Wt: 21.74 t

tem	Descr	Bill Qty	$/Unit	Extended
PC	SPC	21.74 t		

Spring is here!!!!

W.O. # 28300

SIGNATURE: X

CECOS

No.: 001/00

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

:e : 06-07-00 Time In: 15:52:13 Time Out: 16:55:06
:ket # : A35012 CMS # : 0000042 LMS #: 0000100
stomer : SEE GENERATOR
nicle # : 006092 Lic Plate:
:OS
nifest # : PO #: Transporter: BFC
irce Cd : Generator : CNY CECOS OF NEW YORK
ment : BUFFALO FUEL Operator: AL SMITH
ale In # : 1 Scale Out #: 1
oss Wt : 39.95 Tare Wt: 19.42 Net Wt: 20.53 t

m	Descr	Bill Qty	$/Unit	Extended
C	SPC	20.53 t		

Spring is here!!!!

WO # 28302

SIGNATURE: X M. Simms

Post-it® Fax Note 7671	Date 6-7-00	# of pages ▶ 2
To Dave Ruszczyk	From Rich DiCiocco	
Co./Dept. BB+L	Co. CECOS	
Phone # 292-6740	Phone # 282-2676	
Fax # 292-6715	Fax # 282-6073	

CECOS No.: 001730

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

e : 06-21-00 Time In: 12:59:08 Time Out: 14:32:30
ket # : A36880 CMS # : 0000042 LMS #: 0000100
tomer : SEE GENERATOR
icle # : 006874 Lic Plate:
OS
ifest # : PO #: Transporter: BFC
rce Cd :
ment : BUFFALO FUEL Operator: AL SMITH
le In # : 1 Scale Out #: 1
ss Wt : 40.14 Tare Wt: 18.95 Net Wt: 21.19 t

Item	Descr	Bill Qty	$/Unit	Extended
:	SPC	21.19 t		

School is out-Summer is here!!

Post-it® Fax Note 7671 | Date 6-21-00 | # of pages ▶ 1

To Doug Ruszczyk	From Rich DiCiccio
Co./Dept. BB+L	Co. CECOS
Phone # (716) 292-6740	Phone # (716) 282-2676
Fax # 292-6715	Fax # 282-6073

(W.O. 283003)

SIGNATURE: X

CECOS No.: 001731

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

ite : 06-21-00 Time In: 13:30:51 Time Out: 15:22:55
icket # : A36891 CMS # : 0000042 LMS #: 0000100
ustomer : SEE GENERATOR
ehicle # : 006892 Lic Plate:
ECOS
anifest # : PO #: Transporter: BFC
ource Cd :
omment : BUFFALO FUEL Operator: AL SMITH
cale In # : 1 Scale Out #: 1
ross Wt : 39.65 Tare Wt: 19.38 Net Wt: 20.27 t

Item	Descr	Bill Qty	$/Unit	Extended
SPC	SPC	20.27 t		

School is out-Summer is here!!

(W.O. 283004)

SIGNATURE: X

Attachment 5

Attachment A

BBL ENVIRONMENTAL SERVICES, INC.

Laboratory Data

Galson Laboratories

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

May 17, 2000

DOH ELAP# 11626

Mr. Doug Ruszcyk
Blasland, Bouck & Lee
6723 Towpath Road
Box 66
Syracuse, NY 132101

Re: Client Account# 10624 Login # L59758

Dear Mr. Ruszcyk:

Enclosed are the analytical results of the samples received by our laboratory May 1, 2000. Samples submitted for TOC were subcontracted to Buck Environmental Services, Inc. and samples submitted for BOD, COD, TDS and TSS 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

F. Joseph Unangst
Laboratory Director

Enclosure(s)

Galson Laboratories

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

Company Name: BBL INC.

Project Name / Number: PAS SITE, OSWEGO NY

Turn-Around Time
☑ - Standard Service
☐ - * Rush Service
Date requested by:

Ph # ( ) 446-2570
Fax # ( ) 446-5807

Send Report to: LOWELL MCBURNEY

Send Invoice to: LOWELL MCBURNEY

P.O. # 546.19

Page 1 of 1

Chain of Custody Record

SAMPLE ID	Date	Time	TYPE: Comp.	TYPE: Grab	Aqueous	Soil	Other	Laboratory ID Number	PARAMETERS FOR ANALYSIS: USEPA 8260B	BOD5 405.1 - To CES	COD 410.4 - To CES	TDS 160.4 - To CES	TOL 415.1 - To Buk	TSS 160.2 - To CES
LCW-2	5/1/00	1600		X	X				X	X	X	X	X	X
LCW-4	5/1/00	1630		X	X				X	X	X	X	X	X
TRIP BLANK	—	—							X					

REMARKS: 8260B FOR THE FOLLOWING COMPOUNDS BENZENE, CHLOROBENZENE, 1,1 DICHLOROETHANE, ETHYLBENZENE, TOLUENE, XYLENS. Report 8260 full list per Doug Ruszczyk to mob 4/18/00

Total Containers - 12

SAMPLER'S NAME: Tim Henson

SIGNATURE: Tim Henson

SAMPLES RELINQUISHED BY:

NAME: Tim Henson DATE: 5/1/00
SIGNATURE: TIME: 1735

NAME: DATE:
SIGNATURE: TIME:

NAME: DATE:
SIGNATURE: TIME:

SAMPLES RECEIVED BY:

NAME: DATE: 5/1/00
SIGNATURE: TIME: 17:35

Received For Laboratory By: DATE:
(Signature) TIME:

Received For Laboratory By: DATE:
(Signature) TIME:

VOC Pres U P AU NA

Custody Seal Intact? ☐ Yes ☐ No ☐ N.A.
Shipment Complete? ☐ Yes ☐ No

Temp 4.7-6.8 °C TS TB TM TG

Airbill #

VOLATILE ANALYTICAL REPORT

Galson Laboratories

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

Date Received : 01-MAY-00
Date Sampled : 01-MAY-00
Date Extracted: NA

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

Galson ID:	L59758-1	L59758-2	L59758-3
Client ID:	LCW-2	LCW-4	TRIP BLANK
Dichlorodifluoromethane	<10	<50	<5
Chloromethane	<10	<50	<5
Vinyl Chloride	<10	170	<5
Bromomethane	<10	<50	<5
Chloroethane	20.	<50	<5
Trichlorofluoromethane	<10	<50	<5
1,1-Dichloroethene	<10	<50	<5
Acetone	<20	1100	<10
Methylene Chloride	<10	<50	<5
1,1-Dichloroethane	18.	110	<5
2-Butanone	<20	220	<10
cis-1,2-Dichloroethene	<10	74.	<5
Methyltertbutylether	<10	<50	<5
trans-1,2-Dichloroethene	<10	<50	<5
2,2-Dichloropropane	<10	<50	<5
Bromochloromethane	<10	<50	<5
Chloroform	<10	<50	<5
1,1,1-Trichloroethane	<10	<50	<5
Carbon Tetrachloride	<10	<50	<5
1,1-Dichloropropene	<10	<50	<5
Benzene	220	440	<5
1,2-Dichloroethane	<10	<50	<5
Trichloroethene	15.	<50	<5
1,2-Dichloropropane	<10	<50	<5
Dibromomethane	<10	<50	<5
Bromodichloromethane	<10	<50	<5
4-Methyl-2-pentanone	<20	280	<10

Approved by : CMR
Date : 17-MAY-00
QC by :
Date : 5/18/00
NYS DOH # : 11626
Footnotes:

VOLATILE ANALYTICAL REPORT

Galson Laboratories

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

Date Received : 01-MAY-00
Date Sampled : 01-MAY-00
Date Extracted: NA

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

Galson ID:	L59758-1	L59758-2	L59758-3
Client ID:	LCW-2	LCW-4	TRIP BLANK
Toluene	<10	460	<5
1,1,2-Trichloroethane	<10	<50	<5
Tetrachloroethene	23.	<50	<5
1,3-Dichloropropane	<10	<50	<5
2-Hexanone	<20	<100	<10
Dibromochloromethane	<10	<50	<5
1,2-Dibromoethane	<10	<50	<5
Chlorobenzene	34.	220	<5
Ethylbenzene	84.	810	<5
1,1,1,2-Tetrachloroethane	<10	<50	<5
m,p-Xylene	72.	1400	<5
Styrene	<10	<50	<5
o-Xylene	<10	330	<5
Isopropylbenzene	<10	<50	<5
n-Propylbenzene	<10	<50	<5
tert-butylbenzene	<10	<50	<5
Bromoform	<10	<50	<5
1,1,2,2-Tetrachloroethane	<10	<50	<5
1,2,3-Trichloropropane	<10	<50	<5
Bromobenzene	<10	<50	<5
1,2,4-Trimethylbenzene	<10	<50	<5
1,3,5-Trimethylbenzene	<10	<50	<5
2-Chlorotoluene	<10	<50	<5
4-Chlorotoluene	<10	<50	<5
sec-butylbenzene	<10	<50	<5
p-Isopropyltoluene	<10	<50	<5
1,3-Dichlorobenzene	<10	<50	<5
1,4-Dichlorobenzene	<10	<50	<5

Approved by : CMR
Date : 17-MAY-00
QC by : [signature]
Date : 5/18/00
NYS DOH # : 11626
Footnotes:

VOLATILE ANALYTICAL REPORT

Galson Laboratories

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

Date Received : 01-MAY-00
Date Sampled : 01-MAY-00
Date Extracted: NA

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

Galson ID:	L59758-1	L59758-2	L59758-3
Client ID:	LCW-2	LCW-4	TRIP BLANK
1,2-Dichlorobenzene	<10	59.	<5
n-Butylbenzene	<10	<50	<5
1,2-Dibromo-3-chloropropane	<10	<50	<5
1,2,4-Trichlorobenzene	<10	<50	<5
Hexachlorobutadiene	<10	<50	<5
Naphthalene	<10	<50	<5
1,2,3-Trichlorobenzene	<10	<50	<5
Analysis Date	05/05/00	05/05/00	05/05/00
Dilution Factor	2	10	1

Approved by : CMR
Date : 17-MAY-00
QC by :
Date : 5/18/00
NYS DOH # : 11626
Footnotes:

VOLATILE ANALYTICAL REPORT

Galson Laboratories

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

Date Received : 01-MAY-00
Date Sampled : 01-MAY-00
Date Extracted: NA

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

Galson ID: WG22290-1
Client ID: Method Blank

Dichlorodifluoromethane	<5
Chloromethane	<5
Vinyl Chloride	<5
Bromomethane	<5
Chloroethane	<5
Trichlorofluoromethane	<5
1,1-Dichloroethene	<5
Acetone	<10
Methylene Chloride	<5
1,1-Dichloroethane	<5
2-Butanone	<10
cis-1,2-Dichloroethene	<5
Methyltertbutylether	<5
trans-1,2-Dichloroethene	<5
2,2-Dichloropropane	<5
Bromochloromethane	<5
Chloroform	<5
1,1,1-Trichloroethane	<5
Carbon Tetrachloride	<5
1,1-Dichloropropene	<5
Benzene	<5
1,2-Dichloroethane	<5
Trichloroethene	<5
1,2-Dichloropropane	<5
Dibromomethane	<5
Bromodichloromethane	<5
4-Methyl-2-pentanone	<10

Approved by : CMR
Date : 17-MAY-00
QC by : [signature]
Date : 5/18/00
NYS DOH # : 11626
Footnotes:

VOLATILE ANALYTICAL REPORT

Galson Laboratories

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

Date Received : 01-MAY-00
Date Sampled : 01-MAY-00
Date Extracted: NA

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

Galson ID: WG22290-1
Client ID: Method Blank

Toluene	<5
1,1,2-Trichloroethane	<5
Tetrachloroethene	<5
1,3-Dichloropropane	<5
2-Hexanone	<10
Dibromochloromethane	<5
1,2-Dibromoethane	<5
Chlorobenzene	<5
Ethylbenzene	<5
1,1,1,2-Tetrachloroethane	<5
m,p-Xylene	<5
Styrene	<5
o-Xylene	<5
Isopropylbenzene	<5
n-Propylbenzene	<5
tert-butylbenzene	<5
Bromoform	<5
1,1,2,2-Tetrachloroethane	<5
1,2,3-Trichloropropane	<5
Bromobenzene	<5
1,2,4-Trimethylbenzene	<5
1,3,5-Trimethylbenzene	<5
2-Chlorotoluene	<5
4-Chlorotoluene	<5
sec-butylbenzene	<5
p-Isopropyltoluene	<5
1,3-Dichlorobenzene	<5
1,4-Dichlorobenzene	<5

Approved by : CMR
Date : 17-MAY-00
QC by : [signature]
Date : 5/18/00
NYS DOH # : 11626
Footnotes:

VOLATILE ANALYTICAL REPORT

Galson Laboratories

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

Date Received : 01-MAY-00
Date Sampled : 01-MAY-00
Date Extracted: NA

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

Galson ID: WG22290-1
Client ID: Method Blank

l,2-Dichlorobenzene	<5
ı-Butylbenzene	<5
l,2-Dibromo-3-chloropropane	<5
l,2,4-Trichlorobenzene	<5
ıexachlorobutadiene	<5
Naphthalene	<5
l,2,3-Trichlorobenzene	<5
Analysis Date	05/05/00
Dilution Factor	1

Approved by : CMR
Date : 17-MAY-00
QC by :
Date : 5/18/00
NYS DOH # : 11626
Footnotes:

CES 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: L59758
DATE: 05/11/2000

SAMPLE NUMBER- 213220 SAMPLE ID- LCW-2 SAMPLE MATRIX- WA
DATE SAMPLED- 05/01/00 TIME SAMPLED- 1600
DATE RECEIVED- 05/02/00 SAMPLER- Information Not Provided RECEIVED BY- CAM
TIME RECEIVED- 1420 DELIVERED BY- Brian Kuryla TYPE SAMPLE- Grab

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT	UNITS
BIOCHEMICAL OXYGEN DEMAND5	SM18 5210	05/03/00		LRE	30.0	mg/L
CHEMICAL OXYGEN DEMAND	SM18 5220B	05/09/00		LRE	175.	mg/L
TOTAL SUSPENDED SOLIDS	EPA 160.2	05/04/00	1600	JDC	13.	mg/L
TOTAL DISSOLVED SOLIDS	EPA 160.1	05/04/00	1745	JDC	1520.	mg/L

NYSDOH LAB ID NO. 11246 APPROVED BY:

CES 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: L59758
DATE: 05/11/2000

SAMPLE NUMBER- 213221 SAMPLE ID- LCW-4 SAMPLE MATRIX- WA
DATE SAMPLED- 05/01/00 TIME SAMPLED- 1630
DATE RECEIVED- 05/02/00 SAMPLER- Information Not Provided RECEIVED BY- CAM
TIME RECEIVED- 1420 DELIVERED BY- Brian Kuryla TYPE SAMPLE- Grab

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT	UNITS
BIOCHEMICAL OXYGEN DEMAND5	SM18 5210	05/03/00		LRE	96.0	mg/L
CHEMICAL OXYGEN DEMAND	SM18 5220B	05/09/00		LRE	386.	mg/L
TOTAL SUSPENDED SOLIDS	EPA 160.2	05/04/00	1600	JDC	80.	mg/L
TOTAL DISSOLVED SOLIDS	EPA 160.1	05/04/00	1745	JDC	2490.	mg/L

NYSDOH LAB ID NO. 11246 APPROVED BY: _____

BUCK
ENVIRONMENTAL LABORATORIES, INC.
accredited environmental analysis

Report Date: *09-May-00*
Lab Log No: 0005079

CLIENT: GALSON LABORATORIES
6601 KIRKVILLE ROAD
EAST SYRACUSE, NY 13057

Client Sample ID: LCW-2
Sampled By: CLIENT
Collection Date: 05/01/00
Received at Lab: 05/05/00
Matrix: AQUEOUS

Project: L59758
Lab ID: 0005079-01A

Analyses	CAS	DF	PQL	Result	Units	Qual
TOTAL ORGANIC CARBON		Analyst: IS	Analysis Date: 05/08/00			
Organic Carbon, Total	7440-44-0	10	5.00	**43.3**	mg/L	

This laboratory analysis has been performed in accordance with generally accepted laboratory practices and requirements of the New York State Department of Health ELAP Program. Buck Environmental Laboratories, Inc. makes no recommendations, representations or warranties other than as specifically set forth in this report and shall not be responsible or liable for any action or the consequences of any action taken in connection with this report.

NYSDOH ELAP #10795

John H. Buck, P.E.
Laboratory Director

Abbreviations:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Est., Value exceeds quantitation range
H - Est., Holding time exceedance

3821 Buck Drive, Cortland, NY 13045-5150
Tel 607.753.3403 Fax 607.753.3415

B U C K
ENVIRONMENTAL LABORATORIES, INC.
accredited environmental analysis

Report Date: *09-May-00*
Lab Log No: 0005079

CLIENT: GALSON LABORATORIES
6601 KIRKVILLE ROAD
EAST SYRACUSE, NY 13057

Client Sample ID: LCW-4
Sampled By: CLIENT
Collection Date: 05/01/00
Received at Lab: 05/05/00
Matrix: AQUEOUS

Project: L59758
Lab ID: 0005079-02A

Analyses	CAS	DF	PQL	Result	Units	Qual
TOTAL ORGANIC CARBON		Analyst: IS	Analysis Date: **05/08/00**			
Organic Carbon, Total	7440-44-0	10	5.00	**87.6**	mg/L	

This laboratory analysis has been performed in accordance with generally accepted laboratory practices and requirements of the New York State Department of Health ELAP Program. Buck Environmental Laboratories, Inc. makes no recommendations, representations or warranties other than as specifically set forth in this report and shall not be responsible or liable for any action or the consequences of any action taken in connection with this report.

NYSDOH ELAP #10795

John H. Buck, P.E.
Laboratory Director

Abbreviations:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Est., Value exceeds quantitation range
H - Est., Holding time exceedance

3821 Buck Drive, Cortland, NY 13045-5150
Tel 607.753.3403 Fax 607.753.3415

Blasland, Bouck & Lee
Project: PAS Site - Oswego

SDG: L59757
Login: L59757

Summary Data Package
for samples collected
May 1, 2000

Data Package sent to:

Mr. Doug Ruszcyk
Blasland, Bouck & Lee
155 Corporate Woods
Suite 150
Rochester, NY 14623

Galson Laboratories

Table of Contents – Summary Data Package

Blasland, Bouck & Lee
Project: PAS Site - Oswego

SDG: L59757
Login: L59757

Letter 1

Checklist(s) 2

NYS DEC Summary Forms 4

Client Chain of Custody Forms 7

Sample Login Sheet(s) 8

Internal Chain of Custody Forms 9

Data Reporting Qualifiers 12

Sample Results 13

Surrogate Spike Results 21

Matrix Spike/Matrix Spike Duplicate/Blank Spike 22

Blank Data 24

Method Detection Limits 27

Total Paginated Pages in Package 28

Galson Laboratories

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

Mr. Doug Ruszcyk
Blasland, Bouck & Lee
6723 Towpath Road, Box 66
Syracuse, NY 13214

RE: PAS Site, Oswego 546.19
SDG L59757

The following package contains the analytical results of the samples submitted to our laboratory on May 1, 2000. 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 4.6 to 6.8°C. The samples were assigned to login and sample delivery group (SDG) L59757.

The samples were reported according to ASP Category B guidelines. Sample LR-6 was 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: May 19, 2000

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

LOGIN : L59757 SDG : L59757 MATRIX : Water

Client Sample Code	Laboratory Sample Code	If CLP, Indicate year of protocol 1995															
		VOA	MS BNA	Pest/ PCB's	Organophos. Pesticides	Chlor Herb.	T. Dithio-Carbamates Pest.	Methyl-Carbamates	Organics List #	ETU	Karb.	CN-Total	CN-Amen.	Metals List #	Diss. Metals List #	Wet Chem. List #
M-26	L59757-1	X														
LR-6	L59757-2	X														
LR-6MS	L59757-3	X														
LR-6MSD	L59757-4	X														
M-25	L59757-5	X														
M-21	L59757-6	X														
LR-8	L59757-7	X														
BLIND DUP-1	L59757-8	X														
RINSE BLANK-1	L59757-9	X														
TRIP BLANK	L59757-10	X														
MSB	L59757-11	X														

Galson Laboratories

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

Company Name: BBL INC

Project Name / Number: PAS OSWEGO NY

Turn-Around Time
☒ - Standard Service
☐ - * Rush Service
Date requested by:

Ph # ( ) -446 - 2570
Fax # ( ) -446 - 5807

Page 1 of 1

Send Report to: LOWELL MCBURNEY, BBL INC.

Send Invoice to: LOWELL MCBURNEY, BBL INC.

P.O. # 546.19

Chain of Custody Record

SAMPLE ID	Date	Time	TYPE: Comp.	TYPE: Grab	Aqueous	Soil	Other	Laboratory ID Number	PARAMETERS FOR ANALYSIS: USEPA SW-846 METHOD 8260B	MS/MSD
M-26	5/1/00	735		X	X				2	
LR-6		825		X	X				2	4
M-23		920		X	X				2	
M-21		1035		X	X				2	
LR-8		1180		X	X				2	
BLIND DUP-1		—		X	X				2	
RINSE BLANK-1		1640		X	X				2	
TRIP BLANK	5/1/00				X				2	

Total Containers - 20

REMARKS: 8260B FOR THE FOLLOWING COMPOUNDS BENZENE, CHLOROBENZENE, 1,1-DICHLOROETHANE, ETHYLBENZENE, TOLUENE, XYLENES.

SAMPLER'S NAME: TIM HENSON SIGNATURE: Tim Henson

SAMPLES RELINQUISHED BY:		SAMPLES RECEIVED BY:	
NAME: Tim Henson	DATE: 5/1/00	NAME:	DATE: 5/1/00
SIGNATURE: Tim H	TIME: 1735	SIGNATURE: Brian Bates	TIME: 1735
NAME:	DATE:	Received For Laboratory By: (Signature)	DATE:
SIGNATURE:	TIME:		TIME:
NAME:	DATE:	Received For Laboratory By: (Signature)	DATE:
SIGNATURE:	TIME:		TIME:

VOC Pres	U	P	AU	NA
Custody Seal Intact?	☐ Yes	☐ No	☐ N.A.	
Shipment Complete?	☐ Yes	☐ No		
Temp 4.7-6.8° C	TS	TB	TM	TG
Airbill #	HAND DELIVERED			

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-1

Lab Name: GALSON LABORATORIES Contract: Blasland, B

Lab Code: Case No.: 1 SAS No.: SDG No.: L59757

Matrix: (soil/water) Water Lab Sample ID: L59757-8

Sample wt/vol: 5 (g/mL) mL Lab File ID: BE050213

Level: (low/med) LOW Date Received: 05/01/00

%Moisture: not dec. Date Analyzed: 05/03/00

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**	8	
108-88-3	Toluene	5	U
108-90-7	**Chlorobenzene**	6	
100-41-4	Ethylbenzene	5	U
----------	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.: L59757

Matrix: (soil/water) Water Lab Sample ID: L59757-2

Sample wt/vol: 5 (g/mL) mL Lab File ID: BE050207

Level: (low/med) LOW Date Received: 05/01/00

%Moisture: not dec. Date Analyzed: 05/02/00

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	2	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
----------	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.: L59757

Matrix: (soil/water) Water Lab Sample ID: L59757-7

Sample wt/vol: 5 (g/mL) mL Lab File ID: BE050212

Level: (low/med) LOW Date Received: 05/01/00

%Moisture: not dec. Date Analyzed: 05/03/00

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**	**22**	
108-88-3	Toluene	5	U
108-90-7	**Chlorobenzene**	**7**	
100-41-4	Ethylbenzene	5	U
----------	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.: L59757

Matrix: (soil/water) Water Lab Sample ID: L59757-6

Sample wt/vol: 5 (g/mL) mL Lab File ID: BE050211

Level: (low/med) LOW Date Received: 05/01/00

%Moisture: not dec. Date Analyzed: 05/02/00

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**	**21**	
108-88-3	Toluene	5	U
108-90-7	**Chlorobenzene**	**8**	
100-41-4	Ethylbenzene	5	U
----------	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.: L59757

Matrix: (soil/water) Water Lab Sample ID: L59757-5

Sample wt/vol: 5 (g/mL) mL Lab File ID: BE050210

Level: (low/med) LOW Date Received: 05/01/00

%Moisture: not dec. Date Analyzed: 05/02/00

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**	**8**	
108-88-3	Toluene	5	U
108-90-7	**Chlorobenzene**	**6**	
100-41-4	Ethylbenzene	5	U
----------	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.: L59757

Matrix: (soil/water) Water Lab Sample ID: L59757-1

Sample wt/vol: 5 (g/mL) mL Lab File ID: BE050205

Level: (low/med) LOW Date Received: 05/01/00

%Moisture: not dec. Date Analyzed: 05/02/00

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
----------	m,p-Xylene	5	U
95-47-6	o-Xylene	5	U

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.: L59757

Matrix: (soil/water) Water Lab Sample ID: L59757-9

Sample wt/vol: 5 (g/mL) mL Lab File ID: BE050214

Level: (low/med) LOW Date Received: 05/01/00

%Moisture: not dec. Date Analyzed: 05/03/00

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
----------	m,p-Xylene	5	U
95-47-6	o-Xylene	5	U

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.: L59757

Matrix: (soil/water) Water Lab Sample ID: L59757-10

Sample wt/vol: 5 (g/mL) mL Lab File ID: BE050204

Level: (low/med) LOW Date Received: 05/01/00

%Moisture: not dec. Date Analyzed: 05/02/00

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
	m,p-Xylene	5	U
95-47-6	o-Xylene	5	U

Blasland, Bouck & Lee
Project: PAS Site - Oswego

SDG: L59759
Login: L59759

Summary Data Package
for samples collected
May 1, 2000

Data Package sent to:

Mr. Doug Ruszcyk
Blasland, Bouck & Lee
155 Corporate Woods
Suite 150
Rochester, NY 14623

Galson Laboratories

Table of Contents – Summary Data Package

Blasland, Bouck & Lee
Project: PAS Site - Oswego

SDG: L59759
Login: L59759

Letter 1

Checklist(s) 2

NYS DEC Summary Forms 4

Client Chain of Custody Forms 8

Sample Login Sheet(s) 9

Internal Chain of Custody Forms 10

Data Reporting Qualifiers 14

Sample Results 15

Surrogate Spike Results 22

Matrix Spike/Matrix Spike Duplicate/Blank Spike 24

Blank Data 26

Internal Standard Area Data 30

Method Detection Limits 31

Total Paginated Pages in Package 32

Galson Laboratories

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

Mr. Doug Ruszcyk
Blasland, Bouck & Lee
6723 Towpath Road, Box 66
Syracuse, NY 13214

RE: PAS Site, Oswego 546.19
SDG L59759

The following package contains the analytical results of the samples submitted to our laboratory on May 1, 2000. 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 4.6 to 6.8°C. The samples were assigned to login and sample delivery group (SDG) L59759.

The samples were reported according to ASP Category B guidelines. Sample SS-3 was 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: May 19, 2000

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

LOGIN : L59759 SDG : L59759 MATRIX : Soil

Client Sample Code	Laboratory Sample Code	If CLP, Indicate year of protocol 1995															
		VOA	MS BNA	Pest/ PCB'S	Organophos. Pesticides	Chlor. Herb.	T. Dithio-Carbamates Pest.	Methyl-Carbamates	Organics List #	ETU	Karb.	CN-Total	CN-Amen.	Metals List #	Diss. Metals List #	Wet Chem. List #
SS-1	L59759-1	X														
SS-3	L59759-2	X														
SS-3MS	L59759-3	X														
SS-3MSD	L59759-4	X														
SS-4A	L59759-5	X														
BLIND DUP-2	L59759-6	X														
MSB	L59759-8	X														

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

LOGIN : L59759 SDG : L59759 MATRIX : Water

Client Sample Code	Laboratory Sample Code	If CLP, Indicate year of protocol 1995														
		VOA	MS BNA	Pest/ PCB's	Organophos. Pesticides	Chlor. Herb.	T. Dithio-Carbamates Pest.	Methyl-Carbamates	Organics List #	ETU	Karb.	CN-Total	CN-Amen.	Metals List #	Diss. Metals List #	Wet Chem. List #
RINSE BLANK-2	L59759-7	X														

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

Company Name: BBL INC.
Project Name / Number: FAS OSWEGO NY

Turn-Around Time
☒ - Standard Service
☐ - * Rush Service
Date requested by:
Ph # ( ) -446-2570
Fax # ( ) -446-5807

Page 1 of 1

Send Report to: LOWELL MCBURNEY, BBL INC.
Send Invoice to: LOWELL MCBURNEY, BBL INC.
P.O. # 54619.102

Chain of Custody Record

SAMPLE ID	Date	Time	TYPE Comp.	TYPE Grab	Aqueous	~~Soil~~ SED.	Other	Laboratory ID Number	USEPA 8260B	MS/MSD								
SS-1	5/1/00	1530		X		X			X									
SS-3	5/1/00	1400		X		X			X	X								
SS-4A	5/1/00	1500		X		X			X									
BLIND DUP-2	5/1/00	—		X		X			X									
RINSE BLANK-2	5/1/00	1545		X	X				2									

REMARKS: 8260 B FOR THE FOLLOWING COMPOUNDS BENZENE, CHLOROBENZENE, 1,1-DICHLOROETHANE, ETHYLBENZENE, TOLUENE, XYLENES

Total Containers 8

SAMPLER'S NAME: Tim Henson   SIGNATURE: [signature]

SAMPLES RELINQUISHED BY:		SAMPLES RECEIVED BY:	
NAME: Tim Henson SIGNATURE: [signature]	DATE: 5/1/00 TIME: 1735	NAME: SIGNATURE: [signature]	DATE: 5/1 TIME: 17:35
NAME: SIGNATURE:	DATE: TIME:	Received For Laboratory By: (Signature)	DATE: TIME:
NAME: SIGNATURE:	DATE: TIME:	Received For Laboratory By: (Signature)	DATE: TIME:

VOC Pres U P AU NA
Custody Seal Intact? ☐ Yes ☐ No ☐ N.A.
Shipment Complete? ☐ Yes ☐ No
Temp 4.7-6.8 °C TS TB TM (TF)
Airbill #

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.

SS-1

Lab Name: GALSON LABORATORIES Contract: Blasland, B

Lab Code: Case No.: 1 SAS No.: SDG No.: L59759

Matrix: (soil/water) Soil Lab Sample ID: L59759-1

Sample wt/vol: 5 (g/mL) g Lab File ID: BE50304

Level: (low/med) LOW Date Received: 05/01/00

%Moisture: not dec. 43 Date Analyzed: 05/03/00

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	18	U
71-43-2	Benzene	18	U
108-88-3	Toluene	18	U
108-90-7	Chlorobenzene	18	U
100-41-4	Ethylbenzene	18	U
----------	m,p-Xylene	18	U
95-47-6	o-Xylene	18	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SS-3

Lab Name: GALSON LABORATORIES Contract: Blasland, B

Lab Code: Case No.: 1 SAS No.: SDG No.: L59759

Matrix: (soil/water) Soil Lab Sample ID: L59759-2

Sample wt/vol: 5 (g/mL) g Lab File ID: BE50305

Level: (low/med) LOW Date Received: 05/01/00

%Moisture: not dec. 60 Date Analyzed: 05/03/00

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	25	U
71-43-2	Benzene	25	U
108-88-3	Toluene	25	U
108-90-7	Chlorobenzene	25	U
100-41-4	Ethylbenzene	25	U
----------	m,p-Xylene	25	U
95-47-6	o-Xylene	25	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SS-4A

Lab Name: GALSON LABORATORIES Contract: Blasland, B

Lab Code: Case No.: 1 SAS No.: SDG No.: L59759

Matrix: (soil/water) Soil Lab Sample ID: L59759-5

Sample wt/vol: 5 (g/mL) g Lab File ID: BE50309

Level: (low/med) LOW Date Received: 05/01/00

%Moisture: not dec. 29 Date Analyzed: 05/03/00

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
----------	m,p-Xylene	14	U
95-47-6	o-Xylene	14	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SS-4A RE

Lab Name: GALSON LABORATORIES Contract: Blasland, B

Lab Code: Case No.: 1 SAS No.: SDG No.: L59759

Matrix: (soil/water) Soil Lab Sample ID: L59759-5RE

Sample wt/vol: 5 (g/mL) g Lab File ID: BE50314

Level: (low/med) LOW Date Received: 05/01/00

%Moisture: not dec. 29 Date Analyzed: 05/04/00

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
----------	m,p-Xylene	14	U
95-47-6	o-Xylene	14	U

Attachment B

BBL ENVIRONMENTAL SERVICES, INC.

Field Data Sheets

BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

SUBJECT	PROJ. NO.	BY	DATE	SHEET
PAS Semi Annual Sampling Event	546.19.	PH	5/1/00	

CALCS. BY _____; DATE _____ CHECKED BY _____; DATE _____

	PH	TURBIDITY	D.O	TEMP	CONDUCTIVITY
LCW2	6.55	1.0 NTU	3.22	9.3	2.21
LCW-4	6.32	3.0	11.94	11.0	3.54

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 HENSON

Date: 5/1/00

Site Name: PAS, OSWEGO

Time: ~~6:30~~ 6:00 AM

Weather: SOME SUN High: 62° RAIN IN LATE AFTERNOON

1. Sediment Sampling

Sample Location Number	Sample Time	Physical Observations
SS-1	1530	BROWN SILT, FINE SAND SOME GREY SOFT CLAY
SS-3 MS/MSD	1400	DARK BROWN SILT W/ ORGANICS
SS-4A + RINSATE-2	1500	BROWN SILT WITH GREY FINE SAND

2. Ambient Air Sampling
Wind Direction: FROM THE NORTH

Sample Location Number	Sample Time	Comments
SS-1	1530	0.0 PPM
SS-3	1400	0.0 PPM
SS-4A	1500	0.0 PPM

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: LR-6 Site Name: PAS

Date: 5/11/00 Time: 800

Personnel: TJH

Weather: SUN 51°

Sample Location: LR-6

Screen/Sample Depth: ~55'

Sampling Device: GRUNFOS

Ground-Water Purging

Initial Static Water Level: 10.60 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: ~7.0 GALS

Purging Device: GRUNFOS

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

Sample Description:

Color: CLEAR

Odor: NONE

Other:

Sample Analyzed for: VOCs MS/MSD

QC Samples at this Location: YES

QC Samples Analyzed for: MS/MSD

Field Tests

	800	805	810	815	820	825	SAMPLE 825
Redox Potential (mV):	57.5	47.4	-24.5	-34.7	-50.9	-60.4	
pH:	7.86	7.63	7.10	7.08	7.04	7.03	
Conductivity (uS/cm):	1.032	1.060	1.265	1.277	1.294	1.298	
Turbidity (NTU):	55.1	32.4	4.4	1.1	5.4	2.0	
DissolvedOxygen (mg/l):	62.4	52.3	33.9	28.7	27.0	24.6	
PID (ambient):	0.0	0.0	0.0	0.0	0.0	0.0	
Comments:							
DTW	11.07	11.44	11.33	11.34	11.34	11.35	
TEMP	8.57	10.31	10.76	10.82	11.0	11.03	

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: 5/1/02 Time: 1330

Personnel: TJH, RWE

Weather: SUN 60°

Sample Location: LR-8

Screen/Sample Depth:

Sampling Device: GROUNDFOS

Ground-Water Purging

Initial Static Water Level: 10.02 T.D = 43.09

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: ~96 mls

Purging Device: GROUNDFOS

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

Sample Description:

Color: CLEAR

Odor: SLIGHT

Other:

Sample Analyzed for:

QC Samples at this Location:

QC Samples Analyzed for:

Field Tests

	1:45	1:50	1:55	2:00pm	2:05pm	2:10pm	2:15pm	2:20pm	
Redox Potential (mV):	25.7	-60.2	-101.5	-107.2	-150	-159.3	-124.7	-127.4	sampled @ 1420
pH:	8.60	7.96	7.02	6.87	6.88	6.85	6.86	6.86	
Conductivity (uS/cm):	0.985	1.072	1.432	1.883	1.928	1.955	1.957	1.954	
Turbidity (NTU):	16.1	4.3	0.3	0.5	0.0	0.0	0.0	0.0	
DissolvedOxygen (mg/l):	22.4	5.5	3.3	4.6	6.8	6.9	6.6	6.2	
PID (ambient):	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Comments:									
DTW	10.05	11.1	10.95	10.80	10.75	10.66	10.49	10.50	
Temp	9.12	10.12	10.78	10.91	~~11.80~~ 11.41	11.45	12.46	12.69	

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: M-21 Site Name: PAS

Date: 5/21/00 Time: 1000

Personnel: JH RWF

Weather: OVERCAST 58°

Sample Location: M-21

Screen/Sample Depth: _____

Sampling Device: GRONFOS

Ground-Water Purging

Initial Static Water Level: 9.51 TD = 39.85

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: X Feet of Water x 0.65 Gallons/Foot = _____ Gallons

Volume of ground water purged: 6 GALS

Purging Device: GRONFOS

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

Sample Description: CLEAR

Color: CLEAR

Odor: YES

Other: _____

Sample Analyzed for: VOC

QC Samples at this Location: NO

QC Samples Analyzed for: NO

Field Tests

	1000	1005	1010	1015	1020	1025	1030	Samples @
Redox Potential (mV):	-77.6	-81.4	-73.1	-64.9	-70.7	-77.5	-78.4	1035
pH:	7.14	7.16	7.11	7.14	7.16	7.15	7.16	
Conductivity (uS/cm):	1.387	1.389	1.392	1.378	1.380	1.358	1.381	
Turbidity (NTU):	278.1	38.1	109.6	11.0	25.0	3.5	3.1	
DissolvedOxygen (mg/l):	18.3	17.6	25.5	3.4	5.2	4.2	5.8	
PID (ambient):	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Comments:								
DTW	9.60	9.60	9.61	9.60	9.60	9.60	9.61	
TEMP	10.38	11.44	10.42	10.62	9.43	10.00	9.83	

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: M-25 Site Name: PAS

Date: 5/1/06 Time:

Personnel: DH, RWE

Weather: OVERCAST 52°

Sample Location: M-25

Screen/Sample Depth:

Sampling Device: GRUNDFOS

Ground-Water Purging

Initial Static Water Level: 7.50

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: X Feet of Water x 0.65 Gallons/Foot = _____ Gallons

Volume of ground water purged: 4.56 GALS

Purging Device: GRUNDFOS

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

Sample Description:

Color: CLEAR

Odor: YES

Other:

Sample Analyzed for: VOC + BLIND DUP 1 @ THIS LOCATION

QC Samples at this Location: BLIND DUP-1

QC Samples Analyzed for: VOCS

Field Tests

	~~8:50~~	8:55	9:00	9:05	9:10	9:15	Samples @ 9:20
Redox Potential (mV):	-95.5	-106.1	-120.6	-133.8	-140.4	-144.8	
pH:	7.10	7.11	7.12	7.13	7.12	7.12	
Conductivity (uS/cm):	1053	1053	1.057	1.056	1.053	1.054	
Turbidity (NTU):	0.1	0.7	3.0	-1.0	-1.0	6.0	
DissolvedOxygen (mg/l):	11.6	9.4	10.2	6.7	5.6	6.2	
PID (ambient):	0.0	0.0	0.0	0.0	0.0	0.0	
Comments:							
DTW	7.70	7.77	7.84	—	7.90	—	
Temp	10.91	11.06	11.71	11.83	12.02	12.27	

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: M-26 Site Name: PAS

Date: 5/1/00 Time: 700

Personnel: JH RWE

Weather: SUN 50°

Sample Location: M-26

Screen/Sample Depth: 44'

Sampling Device: GROUNDFOS

Ground-Water Purging

Initial Static Water Level: 9.41 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

4-Inch Casing: X Feet of Water x 0.65 Gallons/Foot = _____ Gallons

Volume of ground water purged: 25 GALLONS

Purging Device: GROUNDFOS

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

Sample Description:

Color: CLEAR

Odor: NONE

Other:

Sample Analyzed for: VOC's

QC Samples at this Location:

QC Samples Analyzed for: Samples @ 735

Field Tests

	700	705	710	715	720	725	730
Redox Potential (mV):	78.7	91.1	100.1	108.2	111.5	114.7	115.5
pH:	7.44	6.97	6.87	6.75	6.70	6.67	6.67
Conductivity (uS/cm):	0.226	0.251	0.264	0.265	0.262	0.249	0.247
Turbidity (NTU):	25.2	22.1	25.7	1.9	0.8	0.1	0.0
DissolvedOxygen (mg/l):	92.9	87.9	87.6	86.1	86.4	86.0	86.2
PID (ambient):	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Comments:							
DTW	9.45	9.47	9.48	9.49	9.49	9.50	9.50
TEMP	8.68	8.86	9.91	10.25	10.33	10.35	10.29

Attachment C

BBL ENVIRONMENTAL SERVICES, INC.

Data Validation Reports

DATA REVIEW FOR

PAS SITE
OSWEGO, NEW YORK

SDG# L59757

VOLATILE ANALYSES

Analyses performed by:

Galson Laboratories
East Syracuse, New York

Review performed by:

BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Blasland, Bouck & Lee, Inc.
Syracuse, New York

Summary

The following is an assessment of the data package for SDG# L59757 sampling at the PAS Site in Oswego, New York. Included with this assessment are the data review check sheets used in the review of the package and corrected sample results. Analyses were performed on the following samples:

Sample ID	Lab ID	Matrix	Sample Date	Analysis				
				VOA	BNA	PCB	TAL	MISC
M-26	L59757-1	water	5/1/00	x				
LR-6*	L59757-2	water	5/1/00	x				
M-25	L59757-5	water	5/1/00	x				
M-21	L59757-6	water	5/1/00	x				
LR-8	L59757-7	water	5/1/00	x				
BLIND DUP-1	L59757-8	water	5/1/00	x				
RINSE BLANK-1	L59757-9	water	5/1/00	x				
TRIP BLANK	L59757-10	water	--	x				

* MS/MSD analysis performed on sample

VOLATILE ANALYSES

Introduction

Analyses were performed according to USEPA SW-846 Method 8260 as referenced in NYSDEC-ASP.

The data review process is an evaluation of data on a technical basis rather than a determination of contract compliance. As such, the standards against which the data are being weighed may differ from those specified in the analytical method. It is assumed that the data package represents the best efforts of the laboratory and had already been subjected to adequate and sufficient quality review prior to submission.

During the review process, laboratory qualified and unqualified data are verified against the supporting documentation. Based on this evaluation, qualifier codes may be added, deleted, or modified by the data reviewer. Results are qualified with the following codes in accordance with National Functional Guidelines:

U The compound was analyzed for but not detected. The associated value is the compound quantitation limit.

J The compound was positively identified; however, the associated numerical value is an estimated concentration only.

B The compound has been found in the sample as well as its associated blank, its presence in the sample may be suspect.

N The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative identification.

JN The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative identification. The associated numerical value is an estimated concentration only.

E The compound was quantitated above the calibration range.

D Concentration is based on a diluted sample analysis.

UJ The compound was not detected above the reported sample quantitation limit. However, the reported limit is approximate and may or may not represent the actual limit of quantitation.

R The sample results are rejected.

Two facts should be noted by all data users. First, the "R" flag means that the associated value is unusable. In other words, due to significant QC problems, the analysis is invalid and provides no information as to whether the compound is present or not. "R" values should not appear on data tables because they cannot be relied upon, even as a last resort. The second fact to keep in mind is that no compound concentration, even if it has passed all QC tests, is guaranteed to be accurate. Strict QC serves to increase confidence in data but any value potentially contains error.

Data Assessment

1. Holding Time

The specified holding time for volatile analyses under NYSASP is 10 days from sample receipt. The technical holding times for unpreserved waters are 7 days from sample collection for aromatic compounds and 14 days from sample collection for non-aromatic compounds.

All samples were analyzed within the specified holding times.

2. Blank Contamination

Quality assurance blanks (i.e., method, trip, field, and rinse blanks) are prepared to identify any contamination which may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Trip blanks measure contamination of samples during shipment. Field and rinse blanks measure contamination of samples during field operations.

No target compounds were detected in the method, rinse or trip blanks.

3. Mass Spectrometer Tuning

Mass spectrometer performance was acceptable.

4. Calibration

Satisfactory instrument calibration is established to insure that the instrument is capable of producing acceptable quantitative data. An initial calibration demonstrates that the instrument is capable of acceptable performance at the beginning of an experimental sequence. The continuing calibration verifies that the instrument daily performance is satisfactory.

4.1 Initial Calibration

The method specifies percent relative standard deviation (%RSD) limits for select compounds only and allows two outliers. A technical review of the data applies limits to all compounds with no exceptions.

The %RSD was less than 30% and all response factors were greater than 0.05 for all compounds.

4.2 Continuing Calibration

The method species percent drift (%D) criteria for select compounds only. A technical review applies limits to all compounds with no exceptions.

All compounds were within 25%D of the initial calibration.

5. Surrogates / System Monitoring Compounds

All samples to be analyzed for organic compounds are spiked with surrogate compounds prior to sample preparation to evaluate overall laboratory performance and efficiency of the analytical technique.

All surrogate recoveries were within control limits.

6. Internal Standard Performance

Internal standard performance criteria insure that the GC/MS sensitivity and response are stable during every experimental run.

All internal standard responses and retention times were within established limits.

7. Compound Identification

Compounds are identified on the GC/MS by using the analyte's relative retention time and ion spectra.

All identified compounds met the specified criteria.

8. Matrix Spike/Matrix Spike Duplicate

Matrix spike and matrix spike duplicate data are used to assess the precision and accuracy of the analytical method.

All matrix spike and matrix spike duplicate recoveries were within control limits. The relative percent difference between recoveries was, however, outside control limits for toluene.

9. Matrix Spike Blank

All matrix spike blank recoveries were within control limits.

10. Field Duplicates

Results for duplicate samples are summarized as follows:

Sample ID/ Duplicate ID	Analyte	Sample Result	Duplicate Result	RPD
M-25 / BLIND DUP-1	benzene	8	8	0.0%
	chlorobenzene	6	6	0.0%

The duplicate results are acceptable.

11. General Comments

The same (heated) initial calibration curve was used for the analysis of both water and soil samples. The method specifies that water samples are to be analyzed at ambient temperature. All water data have been qualified as estimated based on the deviation.

The concentrations listed on the sample analysis data sheets for non-detected compounds are the associated quantitation limits for all compounds except benzene for the water samples. The concentration listed for benzene in waters is the compound detection limit.

12. System Performance and Overall Assessment

Overall system performance was acceptable. Other than for those deviations specifically mentioned in this review, the overall data quality is within the guidelines listed in the analytical method.

Data Validation Checksheets

Volatile Organics Data Validation Checklist

	YES	NO	NA
Data Completeness and Deliverables			
Have any missing deliverables been received and added to the data package?		X	
Is there a narrative or cover letter present?	X		
Are the sample numbers included in the narrative?		X	
Are the sample chain-of-custodies present?	X		
Do the chain-of-custodies indicate any problems with sample receipt or sample condition?		X	
Holding Times			
Have any holding times been exceeded?		X	
Surrogate Recovery			
Are surrogate recovery forms present?	X		
Are all the samples listed on the appropriate surrogate recovery form?	X		
Was one or more surrogate recoveries outside of specified limits for any sample or blank?		X	
If yes, were the samples reanalyzed?			X
Are there any transcription/calculation errors between the raw data and the summary form?		X	
Matrix Spikes			
Is there a matrix spike recovery form present?	X		
Were matrix spikes analyzed at the required frequency?	X		
How many spike recoveries were outside of QC limits?			
0 out of 6			
How many RPDs for matrix spike and matrix spike duplicate were outside of QC limits?			
1 out of 3			
Blanks			
Is a method blank summary form present?	X		
Has a method blank been analyzed for each set of samples or for each 20 samples, whichever is more frequent?	X		
Has a blank been analyzed at least once every twelve hours for each system used?	X		
Do any method/reagent/instrument blanks have positive results?		X	

Volatile Organics Data Validation Checklist - Page 2

	YES	NO	NA
Are there trip/field/rinse blanks associated with every sample?	X		
Do any trip/field/rinse blanks have positive results?		X	
Tuning and Mass Calibration			
Are the GC/MS tuning forms present for BFB?	X		
Are the bar graph spectrum and mass/charge listing provided for each BFB?	X		
Has a BFB been analyzed for each twelve hours of analysis per instrument?	X		
Have the ion abundance criteria been met for each instrument used?	X		
Target Analytes			
Is an organics analysis data sheet present for each of the following:			
Samples	X		
Matrix spikes	X		
Blanks	X		
Are the reconstructed ion chromatograms present for each of the following:			
Samples	X		
Matrix spikes	X		
Blanks	X		
Is the chromatographic performance acceptable with respect to:			
Baseline stability	X		
Resolution	X		
Peak shape	X		
Attenuation	X		
Are the mass spectra of the identified compounds present?	X		
Are all ions present in the standard mass spectrum at a relative intensity of 10% or greater also present in the sample spectrum?	X		
Do the samples and standard relative ion intensities agree within 20%?	X		
Tentatively Identified Compounds			
Are all the TIC summary forms present?		X	

Volatile Organics Data Validation Checklist - Page 3

	YES	NO	NA
Are the mass spectra for the tentatively identified compounds and their associated "best match" spectra present?			X
Are any target compounds listed as TICs?			X
Are all ions present in the reference mass spectrum with a relative intensity greater than 10% also present in the sample mass spectrum?			X
Do the TIC and "best match" spectrum agree within 20%?			X
Quantitation and Detection Limits			
Are there any transcription/calculation errors in the Form 1 results?		X	
Are the reporting limits adjusted to reflect sample dilutions and, for soils, sample moisture?			X
Standard Data			
Are the quantitation reports and reconstructed ion chromatograms present for the initial and continuing calibration standards?	X		
Initial Calibration			
Are the initial calibration forms present for each instrument used?	X		
Are the response factor RSDs within acceptable limits?	X		
Are the average RRFs equal to or greater than minimum requirements?	X		
Are there any transcription/calculation errors in reporting the RRFs or RSDs?		X	
Continuing Calibration			
Are the continuing calibration forms present for each day and each instrument?	X		
Has a continuing calibration standard been analyzed for each twelve hours of analysis per instrument?	X		
All %D within acceptable limits?	X		
Are all RF equal to or greater than minimum requirements?	X		
Are there any transcription/calculation errors in reporting of RF or %D?		X	

	YES	NO	NA
Internal Standards			
Are internal standard areas of every sample and blank within the upper and lower limits for each continuing calibration?	X		
Are the retention times of the internal standards within 30 seconds of the associated calibration standard?	X		
Field Duplicates			
Were field duplicates submitted with the samples?	X		

Volatile Qualifier Summary
Holding Time, Surrogates, Internal Standards

Sample ID	Holding Time*	Surrogates*					
		TOL	BFB	DCE	BCM	DFB	CBZ
M-26							
LR-6							
LR-6 MS							
LR-6 MSD							
M-25							
M-21							
LR-8							
BLIND DUP-1							
RINSE BLANK-1							
TRIP BLANK							

Surrogates:
TOL Toluene-d8
BFB Bromofluorobenzene
DCE 1,4-Dichloroethane-d4

Internal Standards:
PFB Pentafluorobenzene
DFB 1,4-Difluorobenzene
DCB 1,4-Dichlorobenzene-d4
CBZ Chlorobenzene-d5

Qualifiers:
D Diluted
↑ Recovery high
↓ Recovery low
↓↓ Recovery <25%

* Unless otherwise specified, all parameters are within acceptable limits

Volatile Calibration Outliers

Instrument: MSB
Matrix: soil
Level: low

Date/Time	4/24/00		5/2/00 1650							
	Initial Cal.		Cont. Cal.		Cont. Cal.		Cont. Cal.		Cont. Cal.	
	RF	%RSD	RF	%D	RF	%D	RF	%D	RF	%D
1,1-dichloroethane										
benzene										
toluene										
chlorobenzene										
ethylbenzene										
styrene										
xylene (total)										

Affected Samples					

Corrected Sample Analysis Data Sheets

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.: L59757

Matrix: (soil/water) Water Lab Sample ID: L59757-8

Sample wt/vol: 5 (g/mL) mL Lab File ID: BE050213

Level: (low/med) LOW Date Received: 05/01/00

%Moisture: not dec. Date Analyzed: 05/03/00

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**	8	
108-88-3	Toluene	5	U
108-90-7	**Chlorobenzene**	6	
100-41-4	Ethylbenzene	5	U
	m,p-Xylene	5	U
95-47-6	o-Xylene	5	U

FORM I CLP VOA

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.: L59757

Matrix: (soil/water) Water Lab Sample ID: L59757-2

Sample wt/vol: 5 (g/mL) mL Lab File ID: BE050207

Level: (low/med) LOW Date Received: 05/01/00

%Moisture: not dec. Date Analyzed: 05/02/00

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	2	J
71-43-2	Benzene	.7 *	U J
108-88-3	Toluene	5	U J
108-90-7	Chlorobenzene	5	U J
100-41-4	Ethylbenzene	5	U J
	m,p-Xylene	5	U J
95-47-6	o-Xylene	5	U J

* detection limit

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.: L59757

Matrix: (soil/water) Water Lab Sample ID: L59757-7

Sample wt/vol: 5 (g/mL) mL Lab File ID: BE050212

Level: (low/med) LOW Date Received: 05/01/00

%Moisture: not dec. Date Analyzed: 05/03/00

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**	22	
108-88-3	Toluene	5	U
108-90-7	**Chlorobenzene**	7	
100-41-4	Ethylbenzene	5	U
	m,p-Xylene	5	U
95-47-6	o-Xylene	5	U

FORM I CLP VOA

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.: L59757

Matrix: (soil/water) Water Lab Sample ID: L59757-6

Sample wt/vol: 5 (g/mL) mL Lab File ID: BE050211

Level: (low/med) LOW Date Received: 05/01/00

%Moisture: not dec. Date Analyzed: 05/02/00

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**	21	
108-88-3	Toluene	5	U
108-90-7	**Chlorobenzene**	8	
100-41-4	Ethylbenzene	5	U
----------	m,p-Xylene	5	U
95-47-6	o-Xylene	5	U

FORM I CLP VOA

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.: L59757

Matrix: (soil/water) Water Lab Sample ID: L59757-5

Sample wt/vol: 5 (g/mL) mL Lab File ID: BE050210

Level: (low/med) LOW Date Received: 05/01/00

%Moisture: not dec. Date Analyzed: 05/02/00

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	8	
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	6	
100-41-4	Ethylbenzene	5	U
	m,p-Xylene	5	U
95-47-6	o-Xylene	5	U

FORM I CLP VOA

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.: L59757

Matrix: (soil/water) Water Lab Sample ID: L59757-1

Sample wt/vol: 5 (g/mL) mL Lab File ID: BE050205

Level: (low/med) LOW Date Received: 05/01/00

%Moisture: not dec. Date Analyzed: 05/02/00

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
	m,p-Xylene	5	U
95-47-6	o-Xylene	5	U

* detection limit

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.: L59757

Matrix: (soil/water) Water Lab Sample ID: L59757-9

Sample wt/vol: 5 (g/mL) mL Lab File ID: BE050214

Level: (low/med) LOW Date Received: 05/01/00

%Moisture: not dec. Date Analyzed: 05/03/00

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 U5
71-43-2	Benzene	.7 *	U U5
108-88-3	Toluene	5	U U5
108-90-7	Chlorobenzene	5	U U5
100-41-4	Ethylbenzene	5	U U5
	m,p-Xylene	5	U U5
95-47-6	o-Xylene	5	U U5

* detection limit

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.: L59757

Matrix: (soil/water) Water Lab Sample ID: L59757-10

Sample wt/vol: 5 (g/mL) mL Lab File ID: BE050204

Level: (low/med) LOW Date Received: 05/01/00

%Moisture: not dec. Date Analyzed: 05/02/00

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
	m,p-Xylene	5	U
95-47-6	o-Xylene	5	U

* detection limit

FORM I CLP VOA

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RE: PAS Site, Oswego 546.19
SDG L59757

The following package contains the analytical results of the samples submitted to our laboratory on May 1, 2000. 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 4.6 to 6.8°C. The samples were assigned to login and sample delivery group (SDG) L59757.

The samples were reported according to ASP Category B guidelines. Sample LR-6 was 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: May 19, 2000

NYSDEC Sample Preparation and Analysis Summary Sheets

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

OGIN : L59757 SDG : L59757 MATRIX : Water

lient ample ode	Laboratory Sample Code	If CLP, Indicate year of protocol 1995														
		VOA	MS BNA	Pest/ PCB'S	Organophos Pesticides	Chlor Herb.	T. Dithio-Carbametes Pest.	Methyl-Carbamates	Organics List #	ETU	Karb.	CN-Total	CN-Amen.	Metals List #	Diss. Metals List #	Wet Chem. List #
26	L59757-1	X														
-6	L59757-2	X														
-6MS	L59757-3	X														
-6MSD	L59757-4	X														
25	L59757-5	X														
21	L59757-6	X														
-8	L59757-7	X														
IND DUP-1	L59757-8	X														
NSE BLANK-1	L59757-9	X														
IP BLANK	L59757-10	X														
B	L59757-11	X														

Corrected Sample Analysis Data Sheets

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.: L59759

Matrix: (soil/water) Soil Lab Sample ID: L59759-1

Sample wt/vol: 5 (g/mL) g Lab File ID: BE50304

Level: (low/med) LOW Date Received: 05/01/00

%Moisture: not dec. 43 Date Analyzed: 05/03/00

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	18	U
71-43-2	Benzene	18	U
108-88-3	Toluene	18	U
108-90-7	Chlorobenzene	18	U
100-41-4	Ethylbenzene	18	U
	m,p-Xylene	18	U
95-47-6	o-Xylene	18	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SS-3

Lab Name: GALSON LABORATORIES Contract: Blasland, B

Lab Code: Case No.: 1 SAS No.: SDG No.: L59759

Matrix: (soil/water) Soil Lab Sample ID: L59759-2

Sample wt/vol: 5 (g/mL) g Lab File ID: BE50305

Level: (low/med) LOW Date Received: 05/01/00

%Moisture: not dec. 60 Date Analyzed: 05/03/00

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	25	U
71-43-2	Benzene	25	U
108-88-3	Toluene	25	U
108-90-7	Chlorobenzene	25	U
100-41-4	Ethylbenzene	25	U
----------	m,p-Xylene	25	U
95-47-6	o-Xylene	25	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

SS-4A

Lab Name: GALSON LABORATORIES Contract: Blasland, B

Lab Code: Case No.: 1 SAS No.: SDG No.: L59759

Matrix: (soil/water) Soil Lab Sample ID: L59759-5

Sample wt/vol: 5 (g/mL) g Lab File ID: BE50309

Level: (low/med) LOW Date Received: 05/01/00

%Moisture: not dec. 29 Date Analyzed: 05/03/00

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
	m,p-Xylene	14	U
95-47-6	o-Xylene	14	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

BLIND DUP-2

Lab Name: GALSON LABORATORIES Contract: Blasland, B

Lab Code: Case No.: 1 SAS No.: SDG No.: L59759

Matrix: (soil/water) Soil Lab Sample ID: L59759-6

Sample wt/vol: 5 (g/mL) g Lab File ID: BE50310

Level: (low/med) LOW Date Received: 05/01/00

%Moisture: not dec. 30 Date Analyzed: 05/04/00

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
	m,p-Xylene	14	U
95-47-6	o-Xylene	14	U

FORM I CLP VOA

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.: L59759

Matrix: (soil/water) Water Lab Sample ID: L59759-7

Sample wt/vol: 5 (g/mL) mL Lab File ID: BE50313

Level: (low/med) LOW Date Received: 05/01/00

%Moisture: not dec. Date Analyzed: 05/04/00

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
	m,p-Xylene	5	U
95-47-6	o-Xylene	5	U

* detection limit

Laboratory Narrative

Galson Laboratories

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

Mr. Doug Ruszcyk
Blasland, Bouck & Lee
6723 Towpath Road, Box 66
Syracuse, NY 13214

RE: PAS Site, Oswego 546.19
SDG L59759

The following package contains the analytical results of the samples submitted to our laboratory on May 1, 2000. 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 4.6 to 6.8°C. The samples were assigned to login and sample delivery group (SDG) L59759.

The samples were reported according to ASP Category B guidelines. Sample SS-3 was 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: May 19, 2000

DAVE
Bob L.
Bill
JMStrang reviewed 12/21/00

BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Transmitted Via Federal Express

December 1, 2000

Chief, Central New York Remediation Section
New York Remediation Branch
Emergency and Remedial Response Division
United States Environmental Protection Agency, Region II
290 Broadway, 20th Floor
New York, NY 10007-1866

Re: Pollution Abatement Services Superfund Site 738001
Fourth Operable Unit
Oswego, New York
Annual Progress Report 2000
BBL Project #: 0364.36444 #2

Attention - Pollution Abatement Services Superfund Site Remedial Project Manager:

On behalf of Niagara Mohawk Power Corporation and General Motors Corporation (the Settling Defendants), please find enclosed two copies of the third Annual Progress Report for work activities performed in connection with the fourth operable unit (OU4) at the Pollution Abatement Services (PAS) Superfund Site located in Oswego, New York. This Annual Progress Report has been prepared in accordance with the requirements outlined in Section X of the Consent Decree for OU4 between the United States Environmental Protection Agency and the Settling Defendants. That Consent Decree was lodged by the Court on December 15, 1998.

Please feel free to call me at (315) 446-2570 (ext. 290) if you have any questions regarding the enclosed Annual Progress Report.

Sincerely,

BLASLAND, BOUCK & LEE, INC.

M. Cathy Geraci/MS

M. Cathy Geraci
Associate

MS/jlc
P:\JLC\2000\59200146.WPD

6723 Towpath Road • P.O. Box 66 • Syracuse, NY 13214-0066
Tel (315) 446-9120 • Fax (315) 449-0017 • www.bbl-inc.com • offices nationwide

cc: Chief, New York/Caribbean Superfund Branch, Office of Regional Counsel, United States Environmental Protection Agency, Region II -- Attention: PAS Superfund Site Attorney
Chief Environmental Enforcement Section, Environment and Natural Resources Division, United States Department of Justice, Re: DOJ # 90-11-2-2A
Director, Division of Hazardous Waste Remediation, New York State Department of Environmental Conservation -- Attention: PAS Site Project Manager
Mr. Daniel Geraghty, New York State Department of Health
William C. Weiss, Esq., Niagara Mohawk Power Corporation
R. William Stephens, Esq., Raichle, Banning, Weiss & Stephens
Mr. James F. Morgan, Niagara Mohawk Power Corporation
Mr. David J. Ulm, Blasland, Bouck & Lee, Inc.

Pollution Abatement Services Superfund Site
Oswego, New York
Fourth Operable Unit

Annual Progress Report
Period Covered: January 1, 2000 - December 31, 2000

Presented herein is the third Annual Progress Report for the fourth operable unit (OU4) at the Pollution Abatement Services (PAS) Superfund Site (the Site) located in Oswego, New York. This progress report has been prepared in accordance with the requirements set forth in Section X of the OU4 Consent Decree between the United States Environmental Protection Agency (USEPA), Niagara Mohawk Power Corporation (NMPC) and General Motors Corporation (the Settling Defendants). That Consent Decree was lodged by the Court on December 15, 1998. The activities conducted pursuant to the requirements of the OU4 Consent Decree for the year 2000 are summarized below. The previous (second) Annual Progress Report was submitted to the USEPA on December 20, 1999 and covered the period from April 17, 1999 through December 31, 1999.

In accordance with the requirements set forth in the OU4 Consent Decree and the September 1997 Record of Decision (ROD) for OU4, the August 1999 *PCB Long-Term Monitoring Plan (Plan)* was developed by Blasland, Bouck & Lee, Inc. (BBL), the USEPA-approved Supervising Contractor identified in the OU4 Consent Decree. That *Plan* provides a detailed description of the requirements, methods, and procedures for monitoring the PCB levels in the sediments and biota (fish) in the creeks and wetlands adjacent to the site, and includes the following components: the methodology for the selection of a contractor(s); the methodology for the implementation of the *Plan*; a Quality Assurance Project Plan; and a Health and Safety Contingency Plan. The *Plan* was approved by the USEPA in a July 22, 1999 letter.

I. Actions Taken Toward Compliance with the Consent Decree

During this reporting period, the second round of annual PCB monitoring activities was completed. The monitoring activities were conducted in accordance with the USEPA-approved *Plan*. These monitoring activities included the collection of sediment and biota (fish) samples from the five specified locations in White Creek and Wine Creek. A detailed description of the monitoring activities completed during the second year of the annual PCB monitoring program and a summary of results obtained is presented in Attachment 1.

II. Analytical Results and Data Generated

The analytical results/data that have been generated during this reporting period, and in association with the OU4 Consent Decree, are solely related to completing the second year of annual monitoring identified in the *Plan*. As previously stated, the monitoring activities included sediment and biota sampling. Laboratory analysis of sediment included PCBs and total organic carbon (TOC), and laboratory analysis of biota included PCBs and percent lipids. A summary of that data is presented in Attachment 1. Two complete copies of the validated data associated with the second year of annual monitoring were submitted to the USEPA (Ms. Patricia Simmons, USEPA Project Manager) on October 31, 2000.

III. Plans and Reports and other Deliverables Completed or Submitted

During this reporting period, the letters listed below were submitted by BBL (on behalf of the Settling Defendants) to the USEPA. Those letters documented decisions and USEPA-approved modifications regarding the second annual PCB monitoring event.

- A June 16, 2000 letter provided a description of the field work completed during the second annual PCB monitoring event that was conducted during June 2000. As detailed in that letter, electrofishing

was conducted at the five sampling locations in White and Wine Creeks, however, the fish were too small to obtain the required fish tissue PCB data during that sampling event at four of the locations. Therefore, a biota re-sampling event was proposed in that letter to be conducted in late July or early-to mid-August when the fish would be of sufficient size for the required PCB analysis. That proposal was approved in the July 7, 2000 letter from Ms. Patricia Simmons of the USEPA to Ms. M. Cathy Geraci of BBL.

- An August 1, 2000 letter provided an update regarding the status of the second annual PCB long-term monitoring program including project schedule. In that letter, BBL proposed to change the schedule for submittal of the annual progress report for the year 2000. In accordance with the USEPA's November 23, 1999 letter to NMPC, the annual progress report must be submitted no later than 90 days from the date on which the sediment traps are pulled. However, because the biota (fish) samples associated with the second annual monitoring event had to be collected after the traps were removed, BBL proposed that the annual progress report be submitted no later than 90 days from the date on which the fish samples were collected. That proposal was approved by the USEPA, as documented in BBL's September 5, 2000 letter to the USEPA.

- A September 5, 2000 letter provided an update regarding the status of the biota re-sampling activities conducted during August 2000 in connection with the second annual PCB monitoring event. That letter also summarized the agreements made during the August 18, 2000 telephone conversation between Ms. M. Cathy Geraci of BBL and Ms. Patricia Simmons of the USEPA regarding submittal of the validated analytical data obtained during the field aetivities and the schedule for the submittal of the annual progress report.

IV. Planned Activities for 2001

In accordance with the *Plan*, the third annual sediment and biota monitoring event will be conducted during the late spring/early summer (i.e., May through July) 2001. The sediment and biota sampling activities for the year 2001 will include the collection of sediment samples and biota samples and the placement of sediment traps at the five specified locations in White Creek and Wine Creek. In accordance with Paragraph 20 of the OU4 Consent Decree, the Settling Defendants will notify the USEPA not less than 21 days in advance of the third annual monitoring event.

The reporting requirements for the third annual monitoring event to be followed by the Settling Defendants will be consistent with those identified in the *Plan*, and the USEPA-approved modification to the schedule for submitting the annual progress reports identified in a November 23, 1999 letter to NMPC from the USEPA. Accordingly, that annual progress report will be submitted no later than 90 days from the date on which the sediment traps are pulled from their locations at the conclusion of the third annual monitoring event.

V. Delays Encountered or Anticipated

In accordance with the *Plan*, the second annual sediment and biota sampling activities were scheduled to be conducted during the late spring/early summer (i.e., May through July) 2000. The sediment and biota sampling activities for the year 2000 were initially conducted on June 7, 2000, including collecting sediment

and biota samples and placing sediment traps at the five specified locations in White Creek and Wine Creek. The sediment sampling activities and the placement of the sediment traps were conducted on that date, in accordance with the *Plan*. The electrofishing, however, that was conducted on that date at the five sampling locations was unsuccessful in collecting the sufficient size fish for the required fish tissue PCB analysis during that sampling event. Therefore, as previously stated, BBL proposed, and the USEPA approved, to re-sample the biota in late July or early- to mid-August when the fish would be of sufficient size to obtain the necessary fish tissue PCB data for the 2000 annual monitoring event. Subsequently, the biota re-sampling activities were conducted on August 24, 2000 as further described in the Attachment 1 to this Annual Progress Report.

In addition, as identified in a November 23, 1999 letter to NMPC from the USEPA, the USEPA agreed with NMPC's requested change in the schedule for submission of the annual progress reports. These progress reports should be submitted to the EPA and the State no later than 90 days from the date on which the sediment sampling traps are pulled from their location at the conclusion of the annual sampling event. However, because the biota (fish) samples had to be collected after the traps were removed, BBL proposed to change the schedule for the year 2000, accordingly. That proposal was subsequently approved by the USEPA, as documented in BBL's September 5, 2000 letter to the USEPA. In a subsequent telephone conversation between Ms. M. Cathy Geraci of BBL and Ms. Patricia Simmons of the USEPA, it was agreed that this Annual Progress Report would be submitted on December 1, 2000.

No delays are anticipated during 2001.

VI. Modifications to Plans or Schedules

As presented in Attachment 1, the historic sediment sampling data, in combination with the results of the first and second annual monitoring events conducted under the *Plan,* indicate that PCB core sediment sampling is not required to meet the requirements of the OU4 ROD and Consent Decree. As detailed in Attachment 1, historic PCB sediment data was generally limited to the upper six inches of sediment, and PCBs were not detected in any of the sediment core samples collected from White and Wine Creek during the first two annual monitoring events associated with the long-term monitoring program. Therefore, the Settling Defendants propose that sediment cores not be collected in the future. Instead, future monitoring rounds would focus on the collection of surficial (0 to 3 inch) sediment, sediment trap, and biota samples in accordance with the *Plan*. The results of the future monitoring rounds, along with the existing historical data and the results of the first two annual PCB monitoring events conducted under the *Plan*, would be used to: 1) monitor PCB concentrations in sediments and biota of White and Wine Creeks and the adjacent wetlands; 2) confirm that PCB concentrations in sediment continue to be reduced over time; and 3) evaluate potential trends in fish PCB concentrations.

VII. Actions Taken in Support of the Community Relations Plan

In accordance with the requirements of the OU4 Consent Decree, the Settling Defendants will, upon notice by the USEPA, participate in the Community Relations Plan developed by the USEPA. To date, the USEPA has not requested any participation by the Settling Defendants. Accordingly, no actions have been taken by the Settling Defendants in support of the USEPA's Community Relations Plan.

PCB Abatement Services Superfund Site
Oswego, New York
Fourth Operable Unit

Annual Progress Report
Period Covered: January 1, 2000 - December 31, 2000

Attachment 1 - PCB Long-Term Monitoring Data

I. Introduction

This attachment to the third annual progress report details the second year of annual monitoring data collected under the United States Environmental Protection Agency (USEPA)-approved *PCB Long-Term Monitoring Plan* (*Plan*) for the Pollution Abatement Services (PAS) Superfund Site fourth operable unit (OU4) [Blasland, Bouck & Lee, Inc. (BBL), 1999a]. The annual monitoring described in the *Plan* is in response to the Consent Decree lodged by the Court on December 15, 1998, and the September 30, 1997 Record of Decision (ROD). The ROD presents the remedial action selected by the USEPA to address the PCBs detected in the sediments of White and Wine Creeks and the adjacent wetlands. The USEPA-selected remedy presented in the OU4 ROD is long-term monitoring of sediment and biota. Specifically, the Consent Decree and the ROD require long-term annual monitoring of PCB levels in sediments and fish in White and Wine Creeks and the adjacent wetlands.

As documented in the OU4 ROD, previous studies concluded that although the PAS Site was a source of PCBs before the construction of the containment facility in 1986, the Site is not a present source of PCBs for sediments in White and Wine Creeks or the adjacent wetlands, and that other potential upstream sources of PCBs exist. Additionally, previous PCB sediment monitoring data, collected between 1991 and 1996, indicate that the associated risk levels are relatively low and that there has been an overall decline in PCB concentrations in the creeks (USEPA, 1998). The results for the first year (1999) of the long-term monitoring program further supported this conclusion. The results for the first year of the long-term monitoring program, together with the relevant conclusions were presented to the USEPA in the second Annual Progress Report (BBL, 1999b). The first year's data indicated that PCB concentrations in the surficial sediment samples collected from White and Wine Creeks were typically below detectable concentrations. PCBs in the core sediment samples (i.e., 3 to 6 inches and 6 to 12 inches) were consistently non-detect. PCBs were detected at low concentrations in the samples collected from the sediment traps, and in biota collected upstream, adjacent to, and downstream from the Site.

As identified in the OU4 ROD and Consent Decree, data generated from the PCB long-term monitoring will be used to monitor PCB concentrations in sediments and biota of White and Wine Creeks and the adjacent wetlands, and to confirm that PCB concentrations in the sediment and biota continue to be reduced over time. The long-term monitoring program components, which are described in the *Plan*, are listed below.

- Annual sampling of sediments and sediment cores in White and Wine Creeks and the adjacent wetland areas, during the late spring/early summer, at locations upstream, adjacent to, and downstream of the Site.

- Installing and sampling of sediment traps upstream of Reach 10, within Reach 10, and downstream of Reach 12 (see Figure 1).

- Annual biota sampling of yearling fish, until the USEPA, in consultation with the State, makes a determination as to whether or not the monitoring needs to continue, or if future action is necessary.

This attachment to the third annual progress report for OU4 presents the results of the second year of the PCB long-term monitoring program. Section II (Methodology) provides an overview of the methodology used to collect the annual monitoring data. Section III (Results) presents the results, and Section IV (Discussion) presents a discussion of the results, including an evaluation of potential ecological effects. Section V (Summary) includes a summary of the conclusions from the data, and proposed modifications to subsequent collection activities for the PCB long-term monitoring program. Section VI (References) includes a list of references used in this attachment.

II. Methodology

This section describes the methods that were used for the sediment sampling, sediment trap, biota sampling, and laboratory analyses. The methods employed followed the procedures outlined in the *Plan*. Field conditions encountered, however, required some deviation from the *Plan*. These deviations are also described herein, and were previously discussed with and approved by the USEPA, as detailed below.

Sample Locations

The *Plan* identified the collection of co-located sediment, sediment trap, and biota samples from five locations in White and Wine Creeks and the adjacent wetlands. These locations (shown on Figure 1) are identified below.

Location 1: Upstream (east) of the Site, in White Creek, near historic sample location SS-1.

Location 2: Adjacent to and northeast of the Site, in White Creek, in the vicinity of Supplemental Pre-Remedial Design Study (SPRDS) Phase II sample location White 11A.

Location 3: Adjacent to and north of the Site, in White Creek, approximately 50 feet downstream of historic sample location SS-3.

Location 4: North of the Site in White Creek, in the vicinity of SPRDS Phase II sample location White 12B.

Location 5: Downstream (northwest) of the Site, and downstream of the confluence of White and Wine Creeks, in the vicinity of historic sample location SS-4A.

Sample locations were identified by the 8-foot sections of iron pipe which were driven into the bank during the 1999 sampling round.

Details regarding the sampling activities follow.

Sediment Sampling

Sediment sampling was conducted on June 7, 2000. A New York State Department of Environmental Conservation (NYSDEC) representative, Mr. John Strang, provided oversight during the sediment sampling. Sediment samples were collected at each of the aforementioned locations from depths of 0 to 3 inches. Deeper sediment samples were collected from depths of 3 to 6 inches and 6 to 12 inches (where available, due to the limited depth of sediment present in White and Wine Creeks).

Prior to sediment sampling, manual probing was conducted to identify prime depositional areas (e.g., thick, fine-grained sediment deposits). Specific sample locations were then selected based upon results of the

probing exercise. The actual sampling locations were consistent with the preliminary sample locations identified in the *Plan*, and the locations sampled during the 1999 sampling event and staked using an 8-foot sections of iron pipe.

Sediment samples were collected using a stainless steel core. At each sample location, the core was pushed into the sediment until refusal, and slowly pulled from the sediment. Sediment cores were extracted from the stainless steel tube onto an aluminum pan using a brass push rod. Cores were sectioned into the following intervals: 0 to 3 inches, and (if possible) 3 to 6 inches and 6 to 12 inches. The sediment samples from each core segment were homogenized, and placed in the appropriate sampling jar for shipment to the laboratory, in accordance with procedures identified in the *Plan*. Sediment core samples from deeper than 3 inches could not be collected from Location 3 due to the relatively shallow nature of the sediment deposits at this location. Similarly, sediment core samples from deeper than 6 inches could not be collected from Locations 1 and 2 due to the relatively shallow nature of the sediment deposits. These conditions are generally consistent with conditions encountered during previous sediment sampling activities. The sediment samples from each core segment were homogenized, and placed in the appropriate sampling jar for shipment to the laboratory, in accordance with procedures identified in the *Plan*.

Sediment Traps

Sediment traps were placed at each of the five sediment sampling locations on June 7, 2000. The sediment traps consisted of pre-cleaned sample jars placed on stainless steel pans. Sediment traps were monitored periodically for the collection of sediment deposition. Samples from the traps were retrieved from Locations 3, 4, and 5 on July 17, 2000; and from Locations 1 and 2 on July 19, 2000.

Biota Sampling

Electrofishing of White and Wine Creeks was conducted on June 7, 2000 at each of the five sampling locations. Mr. John Strang (NYSDEC) provided oversight during the biota sampling event. The objective of the electrofishing, as identified in the *Plan*, was to collect three composite fish samples from each location. The target species were minnows (e.g., creek chubs, fathead minnows, bluntnose minnows) and/or sticklebacks. The electrofishing was successful at collecting three complete samples of yearling-size creek chubs from the most downstream location (Location 5, in Wine Creek). However, relatively few fish were collected from the four upstream locations (i.e., the locations in White Creek), and those fish that were collected from White Creek were either too large or too small to be considered yearling fish, or were the wrong species.

Due to the lack of fish collected during the June sampling event, electrofishing was conducted again on August 24, 2000. Again, NYSDEC representative Mr. John Strang provided oversight. During the biota re-sampling activities, young-of-year stickleback samples were collected from Locations 1 through 4 (in White Creek). Additionally, a new set of biota samples were collected from Location 5 (in Wine Creek), the most downstream location. Although this location was already sampled during the June 7, 2000 sampling event, it was re-sampled to provide consistency of the results (i.e., all the biota samples collected on the same date). The target species collected at Location 5 during the re-sampling were the same as those collected during the June 2000 sampling event (yearling size creek chubs). Because the August electrofishing was successful at collecting samples of creek chubs from Location 5, the June 2000 samples were discarded by EnChem Laboratory of Madison, Wisconsin (in accordance with applicable rules and regulations), where those samples were being retained for potential analysis.

The required biota sampling was conducted using a backpack electrofishing unit. Following collection, the appropriate target fish were placed in labeled Ziploc® bags, and stored on ice prior to sample processing. Sample processing included dividing the fish into three composite samples per location. Individual fish

lengths, numbers of individuals per sample, and total sample weight were recorded. The samples were then wrapped and shipped to the analytical laboratory, in accordance with the procedures detailed in the *Plan.*

Laboratory Analyses

Laboratory analysis of sediments included PCBs and total organic carbon (TOC), in accordance with the requirements set-forth in the *Plan.* The sediment analyses were performed by Galson Laboratories (Syracuse, New York) in accordance with the *Plan.* The surficial, core, and sediment trap samples were analyzed for PCBs using USEPA SW-846 Method 8082, and for TOCs using USEPA Region 2-Lloyd-Kahn Method. The biota samples were analyzed by EnChem (Madison, Wisconsin) for PCBs using USEPA SW-846 Method 8082 and for percent lipids using standard gravimetric techniques. As specified in the OU4 Consent Decree (Paragraph 21), two copies of the validated PCB analytical results, as well as TOC and percent lipids data, were submitted to the USEPA in an October 31, 2000 letter to Patricia Simmons, Project Manager.

III. Results

This section presents the results obtained during the second year of the long-term monitoring program. The results of the surficial sediment and core sediment sampling, and sediment trap and biota sampling are detailed below.

Surficial and Core Sampling Results

Analytical results for surficial and core sediment samples from the second year of the PCB long-term monitoring program are presented in Table 1. PCBs were detected in only two of the five surficial (0 to 3 inch) sediment samples (PAS-SS-201 and PAS-SS-401), at estimated concentration of 0.015 parts per million (ppm) and 0.014 ppm, respectively. The detected PCB concentrations were quantified as Aroclor 1242. Surficial sediment TOC concentrations ranged from approximately 0.3% (PAS-SS-101) to 12.9% (PAS-SS-301). PCBs were not detected in any of the shallow core (3 to 6 inches) or deeper core (6 to 12 inches) sediment samples. Sediment core TOC concentrations ranged from approximately 0.2% [PAS-SC-101(3 to 6 inches)] to 3.2% [PAS-SC-201(3 to 6 inches)].

Sediment Trap Sampling Results

Analytical results for sediment trap samples from the second year of the PCB long-term monitoring program are presented in Table 2. PCBs were detected in four of the five sediment trap samples, at concentrations ranging from 0.25 ppm (PAS-ST-201) to 1.13 ppm (PAS-ST-401). PCBs were not detected at a concentration exceeding the associated laboratory quantitation limit from the trap sample collected from Location 1 (PAS-ST-101). The detected PCB concentrations were quantified as Aroclors 1248 and 1254. Sediment trap TOC concentrations ranged from approximately 2.5% (PAS-ST-101) to 9.6% (PAS-ST-301).

Biota Sampling Results

Analytical results for biota samples from the second year of the PCB long-term monitoring program are presented in Table 3. PCBs were detected in each of the biota samples. Total PCB concentrations were lowest for the creek chub samples collected from Location 5 (0.72 to 0.81 ppm). Total PCB concentrations were highest for brook stickleback samples collected from Locations 2, 3, and 4 (2.70 to 3.90 ppm). The detected PCB concentrations were quantified as Aroclor 1248 and Aroclor 1254. Lipid content was higher for creek chubs (4.94 to 5.74%) than for sticklebacks (3.22 to 4.50%).

IV. Discussion

The surficial sediment data from the 2000 annual monitoring are consistent with the first year's monitoring data obtained in 1999. Data from both years indicate that surficial sediment PCB concentrations are low (i.e., less than 0.17 ppm) and usually non-detect. Comparison of the 1999 and 2000 data with the historical sediment data presented in the *Focused Feasibility Study* (ENVIRON, 1997) indicates that total PCB concentrations in the sediment in the vicinity of the Site have decreased over time. As shown in Table 4 and on Figure 3, the PCB concentrations detected in 1996 as part of the Phase 2 Supplemental Pre-Remedial Design Study (SPRDS) activities were generally higher than the PCB concentrations detected in samples collected during 1999 and 2000. For example, the highest historical PCB detection during the 1996 Phase 2 SPRDS was 11.40 ppm. However, during the 1999 sediment sampling activities, PCBs were only detected at one location (Location 4), and at a very low concentration (0.17 ppm). Similarly, during the 2000 monitoring, PCBs were only detected in two samples (Location 2 and Location 4), and again only at very low concentrations (0.015 and 0.014 ppm, respectively). PCBs were not detected in any of the sediment core samples collected during either the 1999 or the 2000 sampling event. Surficial and core sediment data for 1999 and 2000 are presented on Figure 1.

The sediment trap data were collected to characterize the sediment suspended in surface water, and to evaluate the potential movement and re-depositing of sediment. During the 1999 sampling, PCBs were detected in four of the sediment trap samples, and the maximum detected concentration was 1.23 ppm. The data from the sediment trap samples were very similar in 2000, and again PCBs were detected in four of the five sediment trap samples, and the maximum detected concentration was 1.13 ppm. Sediment trap data for 1999 and 2000 are presented on Figure 1.

The PCB concentrations detected in the year 2000 biota samples are higher than the PCB concentrations detected in the biota samples from 1999 (see Figure 2). Biota data are only available for two locations in 1999 because low-flow conditions impacted sample availability (BBL, 1999b). Total PCB concentrations for biota samples collected from Location 1 (sticklebacks) ranged from 0.43 to 0.47 ppm in 1999, and from 1.08 to 1.45 ppm in 2000. Similarly, total PCB concentrations for biota samples collected from Location 5 (creek chubs) ranged from 0.33 to 0.52 ppm in 1999, and from 0.72 to 0.81 ppm in 2000. The reason for the apparent increase in fish PCB concentrations is uncertain, and potential trends in fish PCB concentrations will be re-evaluated following the collection of additional data in subsequent years.

One objective of the long-term monitoring program, as specified in the OU4 consent decree, is to periodically evaluate potential ecological risks. Previously, a quantitative evaluation of ecological risks was presented in the *Focused Feasibility Study* (ENVIRON, 1997). These evaluations assumed a fish total PCB concentration of 1.0 ppm. According to the evaluation, ecological risks for wildlife receptors (mink and green heron) were relatively low. Similarly, the total PCB concentrations detected in fish samples from White and Wine Creeks in 1999 (maximum 0.52 ppm) were lower than those concluded by ENVIRON to present minimal ecological risks. The PCB concentrations detected in the 2000 fish samples (maximum 3.90 ppm) are higher than the previous data, thereby resulting in higher ecological risk potential. The potential significance of increases in fish PCB level will be evaluated further with the collection of additional data in subsequent years.

V. Summary

To date, two rounds of sampling have been conducted for the long-term monitoring program for OU4 of the PAS Superfund Site. As specified in the ROD, these data include surficial and core sediment data, sediment trap data, and biota data. The data collected thus far indicate the following:

- Surficial sediment PCB concentrations in White and Wine Creek are very low (and typically non-detect);

- PCBs have not been detected in the subsurface sediments (i.e., maximum depths of 12 inches) during either round of the long-term monitoring program;

- PCBs are typically detected in the sediment trap samples, at concentrations up to 1.23 ppm (1999 data) and 1.13 ppm (2000 data);

- PCBs have also been detected in fish tissue samples collected during the first two rounds of the long-term monitoring program, at concentrations up to 0.52 ppm (1999 data) and 3.90 ppm (2000 data).

These results indicate that sediment PCB concentrations have decreased since previous rounds of sampling were conducted in 1996. The source of the PCBs in the sediment trap samples, however, is uncertain given the low PCB concentrations detected in on-site sediments. Because only two rounds of biota data are available, and the data set from the first round was incomplete, it is premature to evaluate potential trends in fish PCB concentrations. A more thorough evaluation will be conducted following the collection of additional data in subsequent years.

According to the *Plan,* the schedule for monitoring activities in the year 2001 involves collecting the sediment samples (surficial and core), biota samples, and setting the sediment traps. However, the 1999 and 2000 sediment sampling data in combination with the historic sediment sampling data indicate that sediment core samples are not necessary for future monitoring rounds to meet the requirements set forth in the OU4 ROD and Consent Decree. Therefore, it is proposed that sediment cores not be collected in the future. Instead, future monitoring rounds would focus on the collection of surficial (0 to 3 inch) sediment, sediment trap, and biota samples in accordance with the *Plan*. The results of the future monitoring rounds, along with the existing historical data and the results of the initial round described herein, would be used to: 1) monitor PCB concentrations in sediments and biota of White and Wine Creeks and the adjacent wetlands; 2) confirm that PCB concentrations in sediment continue to be reduced over time; and 3) evaluate potential trends in fish PCB concentration.

VI. References

Blasland, Bouck & Lee, Inc. (BBL). 1999a. *PCB Long-Term Monitoring Plan*. August, 1999. Syracuse, NY.

BBL. 1999b. *Annual Progress Report, Period Covered: April 17, 1999 - December 31, 1999.* Letter from M. Cathy Geraci of BBL to the USEPA Chief, Central New York Remediation Section (USEPA), dated December 20, 1999.

ENVIRON. 1997. *Focused Feasibility Study for PCB-Impacted Sediments in the Vicinity of the PAS Superfund Site,* Oswego, New York. Arlington, VA.

Roux Associates, Inc. 1995. *Supplemental Pre-Remedial Design Study Work Plan Addendum No. 2 Surface-Water/Sediment Quality Source Investigation.* Pollution Abatement Services Site. Oswego, New York. May, 1995.

United States Environmental Protection Agency (USEPA). 1998. PAS OU4 Consent Decree. September 29, 1998. USEPA Region II. New York, NY.

Table 1

Pollution Abatement Services Superfund Site
Operable Unit 4
Oswego, New York
Long-Term Monitoring Program Report

Surficial and Core Sediment Sample Results for PCBs and TOC

Sample Identification	Sample Depth	Total PCB Concentration (mg/kg)	TOC (mg/kg)
Surficial Sediment Samples			
PAS-SS-101	0 - 3"	ND (0.021)	3,370
PAS-SS-201	0 - 3"	0.015 J [0.013 J]	30,500 [30,100]
PAS-SS-301	0 - 3"	ND (0.042)	129,000
PAS-SS-401	0 - 3"	0.014 J	34,100
PAS-SS-501	0 - 3"	ND (0.024)	20,000
Core Sediment Samples			
PAS-SC-101	3 - 6"	ND (0.021)	1,870
PAS-SC-201	3 - 6"	ND (0.024)	31,700
PAS-SC-401	3 - 6"	ND (0.022)	17,500
PAS-SC-401	6 - 12"	ND (0.023)	18,000
PAS-SC-501	3 - 6"	ND (0.023)	29,100
PAS-SC-501	6 - 12"	ND (0.021)	8,290

Notes:

1. Samples were collected by Blasland, Bouck & Lee, Inc. during June 2000.
2. Samples were analyzed for PCBs using the USEPA SW-846 Method 8082.
3. Samples were analyzed for total organic carbon (TOC) using USEPA Region 2 - Lloyd Kahn Method.
4. Concentrations are reported in parts per million (ppm) or milligrams per kilogram (mg/kg).
5. ND = Not detected. Each PCB Aroclor was not detected at concentrations exceeding the laboratory quantitation limit shown in parenthesis.
6. J = The compound was positively identified; however, the associated numerical value is an estimated concentration only.
7. [ ] = Duplicate sample results.

Table 2

Pollution Abatement Services Superfund Site
Operable Unit 4
Oswego, New York
Long-Term Monitoring Program Report

Sediment Trap Sample Results for PCBs and TOC

Sample Identification	Total PCB Concentration (mg/kg)	TOC (mg/kg)
PAS-ST-101	ND (0.033)	25,200
PAS-ST-201	0.25	42,400
PAS-ST-301	0.62	95,800
PAS-ST-401	1.13	76,700
PAS-ST-501	0.42 [0.48]	64,000 [81,300]

Notes:

1. Sediment traps were placed by Blasland, Bouck & Lee, Inc. during June 2000, and trap sediment samples were collected during July 2000.
2. Samples were analyzed for PCBs using the USEPA SW-846 Method 8082.
3. Samples were analyzed for total organic carbon (TOC) using USEPA Region 2-Lloyd Kahn Method.
4. Concentrations are reported in parts per million (ppm) or milligrams per kilogram (mg/kg).
5. ND = Not detected. Each PCB Aroclor was not detected at concentrations exceeding the laboratory quantitation limit shown in parenthesis.
6. [ ]= Duplicate sample results.

Table 3

Pollution Abatement Services Superfund Site
Operable Unit 4
Oswego, New York
Long-Term Monitoring Program Report

Biota Sample Results for PCBs and Percent Lipids

Sample Identification	Species	No. of Individuals per Sample	Length Range (cm)	Total Sample Weight (grams)	Total PCB Concentration (mg/kg)	Lipid (%)
PAS-BS-104	brook stickleback	20	3 - 4	9.0	1.45	4.32
PAS-BS-105	brook stickleback	20	3 - 4	8.6	1.08	4.44
PAS-BS-106	brook stickleback	20	3 - 4	8.0	1.29	4.16
PAS-BS-201	brook stickleback	20	3 - 4	6.1	3.30	3.87
PAS-BS-202	brook stickleback	19	3 - 4	7.1	2.80	3.65
PAS-BS-203	brook stickleback	19	3 - 4	6.9	3.60	4.08
PAS-BS-301	brook stickleback	19	3 - 4	6.2	3.00	4.43
PAS-BS-302	brook stickleback	19	3 - 4	6.0	3.00	3.95
PAS-BS-303	brook stickleback	18	3 - 4	5.6	3.90	4.50
PAS-BS-401	brook stickleback	19	3 - 4	7.0	3.00	3.55
PAS-BS-402	brook stickleback	19	3 - 4	7.7	3.30	3.66
PAS-BS-403	brook stickleback	18	3 - 4	7.0	2.70	3.22
PAS-BS-504	creek chub	6	7.3 - 8.9	31.4	0.79	5.74
PAS-BS-505	creek chub	6	7.3 - 8.5	31.9	0.72	5.21
PAS-BS-506	creek chub	6	6.2 - 9.1	33.5	0.81	4.94

Notes:

1. Samples were collected by Blasland, Bouck & Lee, Inc. during August 2000.
2. Samples were analyzed for PCBs using the USEPA SW-846 Method 8082.
3. Samples were analyzed for percent lipids using standard gravimetric techniques.
4. PCB concentrations are reported in parts per million (ppm), or milligrams per kilogram (mg/kg).

Table 4

Pollution Abatement Services Superfund Site
Operable Unit 4
Oswego, New York
Long-Term Monitoring Program Report

Summary of Historic Total PCB Sediment Sample Concentrations

Date	Location	Total PCB Concentration (mg/kg)
11/89	SS-1	ND
	SS-3	ND
11/90	SS-1	ND
	SS-4A	ND
5/91	SS-1	ND
	SS-3	3.70
11/91	SS-1	ND
	SS-3	1.90
	SS-4A	1.40
11/92	SS-1	ND
	SS-3	0.72
	SS-4A	0.14
5/94	SS-1	ND
	SS-3	1.40
	SS-4A	ND
11/94	SS-1	ND
	SS-3	0.74
	SS-4A	0.039
Phase 2 - SPRDS (1995/1996)	White 7	0.161
	White 8	ND (0.028)
	White 9A	0.095
	White 9B	0.014
	White 9C	0.043
	White 10	0.035

Table 4
(Cont'd)
Pollution Abatement Services Superfund Site
Operable Unit 4
Oswego, New York
Long-Term Monitoring Program Report

Summary of Historic Total PCB Sediment Sample Concentrations

Date	Location	Total PCB Concentration (mg/kg)
Phase 2 - SPRDS (1995/1996) (Cont'd)	White 11A	11.4
	White 11B	0.052
	White 11C	0.059
	White 12 A	1.69
	White 12 B	5.86
	White 12 C	0.052
	White 13 A	0.88
	White 13 B	0.74
	White 13 C	0.051
	White 13D	0.26
	Wine 1A	ND (0.029)
	Wine 1B	0.036
	Wine 1C	1.32
	Wine 2A	0.046
	Wine 2B	0.16
11/96	SS - 1	0.074
	SS - 3	0.54
	SS- 4A	0.159

Notes:

1. Data obtained from the *Focused Feasibility Study for PCB-Impacted Sediments in the Vicinity of the PAS Superfund Site, Oswego, New York* (ENVIRON, 1997).
2. Concentrations are reported in parts per million (ppm), or milligrams per kilogram (mg/kg).
3. ND = Not detected. Each PCB Aroclor was not detected at concentrations exceeding the associated laboratory quantitation limit. Quantitation limits, when presented in the aforementioned report, are given in parentheses.

SAINT PAUL'S CEMETERY

CONRAIL

WINE CREEK

WINE CREEK WETLANDS

HOLLIDAY PROPERTY

MITCHELL STREET

SMITH'S BEACH ROAD

SAINT PAUL STREET

SAMPLE ID(DEPTH)	TOTAL PCBs	
	1999	2000
SEDIMENT		
PAS-SS-501(0-3")	ND(0.03)	ND(0.024)
PAS-SC-501(3-6")	ND(0.03)	ND(0.023)
PAS-SC-501(6-12")	ND(0.03)[ND(0.02)]	ND(0.021)
SEDIMENT TRAP		
PAS-ST-501	0.06	0.42[0.48]

SAMPLE ID(DEPTH)	TOTAL PCBs	
	1999	2000
SEDIMENT		
PAS-SS-401(0-3")	0.17J	0.014J
PAS-SC-401(3-6")	ND(0.02)	ND(0.022)
PAS-SC-401(6-12")	NA	ND(0.023)
SEDIMENT TRAP		
PAS-ST-401	0.86	1.13

SAMPLE ID(DEPTH)	TOTAL PCBs	
	1999	2000
SEDIMENT		
PAS-SS-301(0-3")	ND(0.03)	ND(0.042)
PAS-SC-301(3-6")	ND(0.03)	NA
PAS-SC-301(6-12")	ND(0.02)	NA
SEDIMENT TRAP		
PAS-ST-301	1.23[1.20]	0.62

SAMPLE ID(DEPTH)	TOTAL PCBs	
	1999	2000
SEDIMENT		
PAS-SS-201(0-3")	ND(0.03)	0.015J [0.013J]
PAS-SC-201(3-6")	ND(0.03)	ND(0.024)
SEDIMENT TRAP		
PAS-ST-201	0.53	0.25

SAMPLE ID(DEPTH)	TOTAL PCBs	
	1999	2000
SEDIMENT		
PAS-SS-101(0-3")	ND(0.02)	ND(0.021)
PAS-SC-101(3-6")	ND(0.02)	ND(0.021)
SEDIMENT TRAP		
PAS-ST-101	ND(0.08)	ND(0.033)

SWG-7 · 5 · SS-4A · 4 · SWG-4 · SWG-3 · D · C · 3 · SS-3 · SWG-2 · A · B · 2 · SWG-6 · SWG-1A · 1 · SS-1

REACH 13 · REACH 10 · REACH 9 · REACH 12 · REACH 11

WHITE CREEK WETLANDS

WHITE CREEK

FORMER DAM

PAS SITE

LEACHATE-COLLECTION TANK

RADIO TOWER

SLURRY WALL

WINE CREEK WETLANDS

EAST SENECA STREET

NIAGARA MOHAWK FIRE TRAINING SCHOOL

FORMER COUNTY LANDFILL

LEGEND:

- APPROXIMATE LONG-TERM MONITORING FISH SAMPLING LOCATION (A)
- APPROXIMATE LONG-TERM MONITORING SEDIMENT SAMPLING LOCATION (1)
- APPROXIMATE PREVIOUS SEDIMENT SAMPLING LOCATION (SS-1)
- APPROXIMATE STREAM GAUGE LOCATION (SWG-1)
- APPROXIMATE SPRDS PHASE II SEDIMENT SAMPLING LOCATION
- FENCE (SITE BOUNDARY)
- SLURRY WALL
- APPROXIMATE LOCATION OF SUBSURFACE LEACHATE COLLECTION TRENCH
- LAND AREAS SUBJECT TO FREQUENT, SHALLOW INUNDATION
- WETLAND AREAS DELINEATED BY MENZIE-CURA & ASSOCIATES, INC. (AUGUST 1992)
- REACH BOUNDARY

NOTES:

1. BASE MAP ADAPTED FROM TOPOGRAPHIC MAP DEVELOPED BY LOCKWOOD MAPPING, INC. BASED ON AN APRIL 14, 1993 AERIAL PHOTOGRAPH; SOME WELL AND STREAM-GAUGE LOCATIONS ARE INFERRED; LOCATION OF SLURRY WALL BASED ON SITE PLAN DRAWN BY DUNN GEOSCIENCE CORP. (DEC. 1984), TITLED "BORING, WELL & TEST PIT PLOT PLAN;" LOCATION OF SUBSURFACE LEACHATE-RECOVERY TRENCHES BASED ON SITE MAP PROVIDED BY O'BRIEN & GERE ENGINEERING INC.
2. SURFACE WATER IS SHOWN IN BLUE; AREAS SHADED GREEN REPRESENT WETLAND AREAS DELINEATED BY MENZIE-CURA & ASSOCIATES, INC. (AUGUST 1992).
3. BOUNDARIES FOR REACH 10 AND REACH 12, AS WELL AS SPRDS PHASE II SAMPLING LOCATIONS WERE PRESENTED IN THE FINAL FOCUSED FEASIBILITY STUDY FOR PCB-IMPACTED SEDIMENTS IN THE VICINITY OF THE PAS SUPERFUND SITE, OSWEGO, NEW YORK (ENVIRON, AUGUST 20, 1997).
4. J= THE COMPOUND WAS POSITIVELY IDENTIFIED; HOWEVER, THE ASSOCIATED NUMERICAL VALUE IS AN ESTIMATED CONCENTRATION ONLY.
5. ND= EACH PCB AROCLOR WAS NOT DETECTED ABOVE THE LABORATORY QUANTITATION LIMIT SHOWN IN PARENTHESIS.
6. CONCENTRATIONS ARE REPORTED IN PARTS PER MILLION (ppm), OR MILLIGRAMS PER KILOGRAM (mg/Kg).
7. [ ]= DUPLICATE SAMPLE RESULTS.
8. NA = NOT AVAILABLE. SAMPLES WERE NOT COLLECTED DUE TO SITE CONDITIONS (LIMITED DEPTH OF SEDIMENT).

0 200' 400'

GRAPHIC SCALE

POLLUTION ABATEMENT SERVICES SITE
OSWEGO, NEW YORK

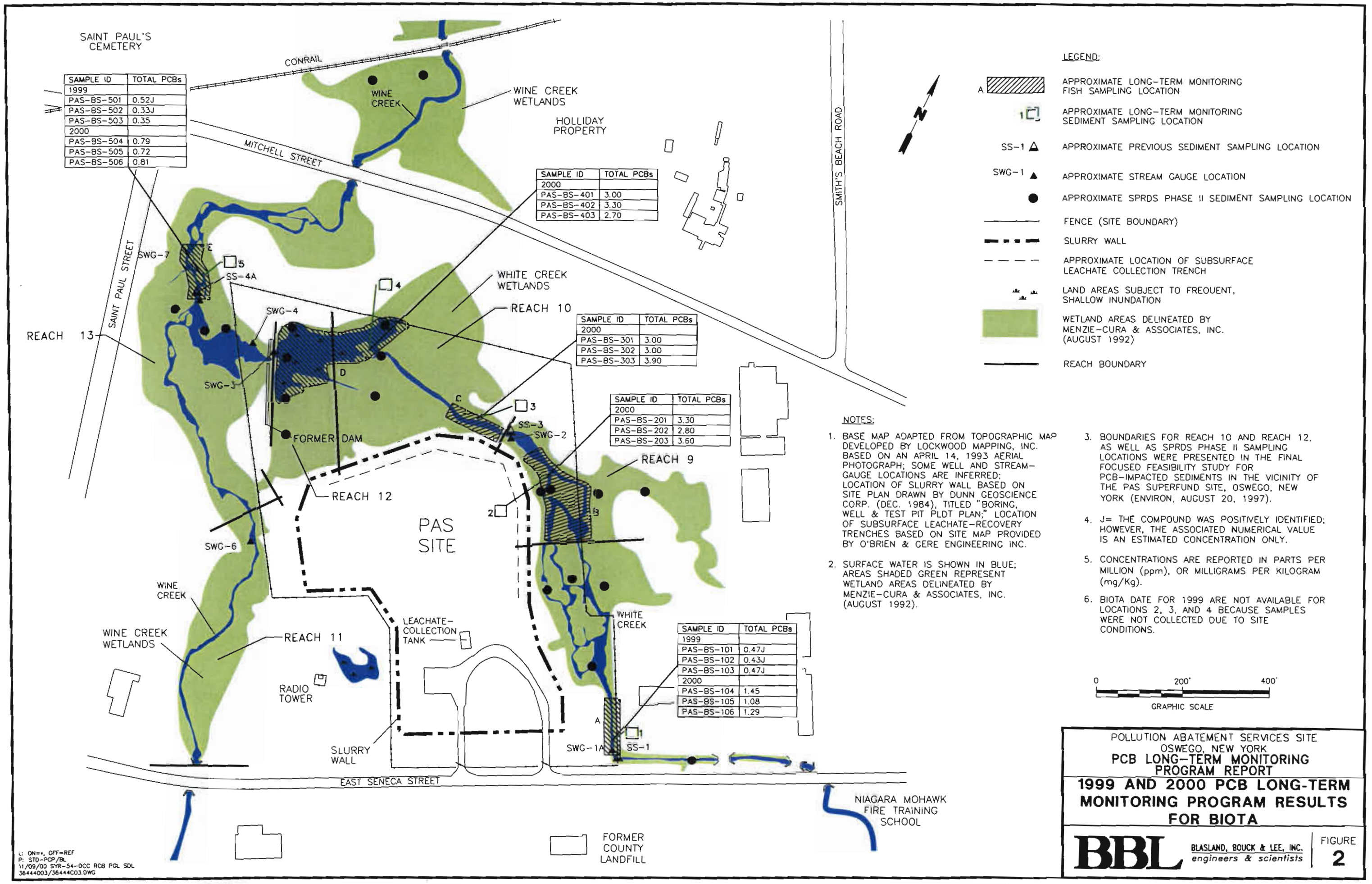
PCB LONG-TERM MONITORING PROGRAM REPORT

1999 AND 2000 PCB LONG-TERM MONITORING PROGRAM RESULTS FOR SEDIMENT

BBL BLASLAND, BOUCK & LEE, INC. engineers & scientists

FIGURE 1

L: ON=*, OFF=REF
P: STD-PCP/BL
11/09/00 SYR-54-OCC RCB PGL SDL
36444003/36444C02.DWG

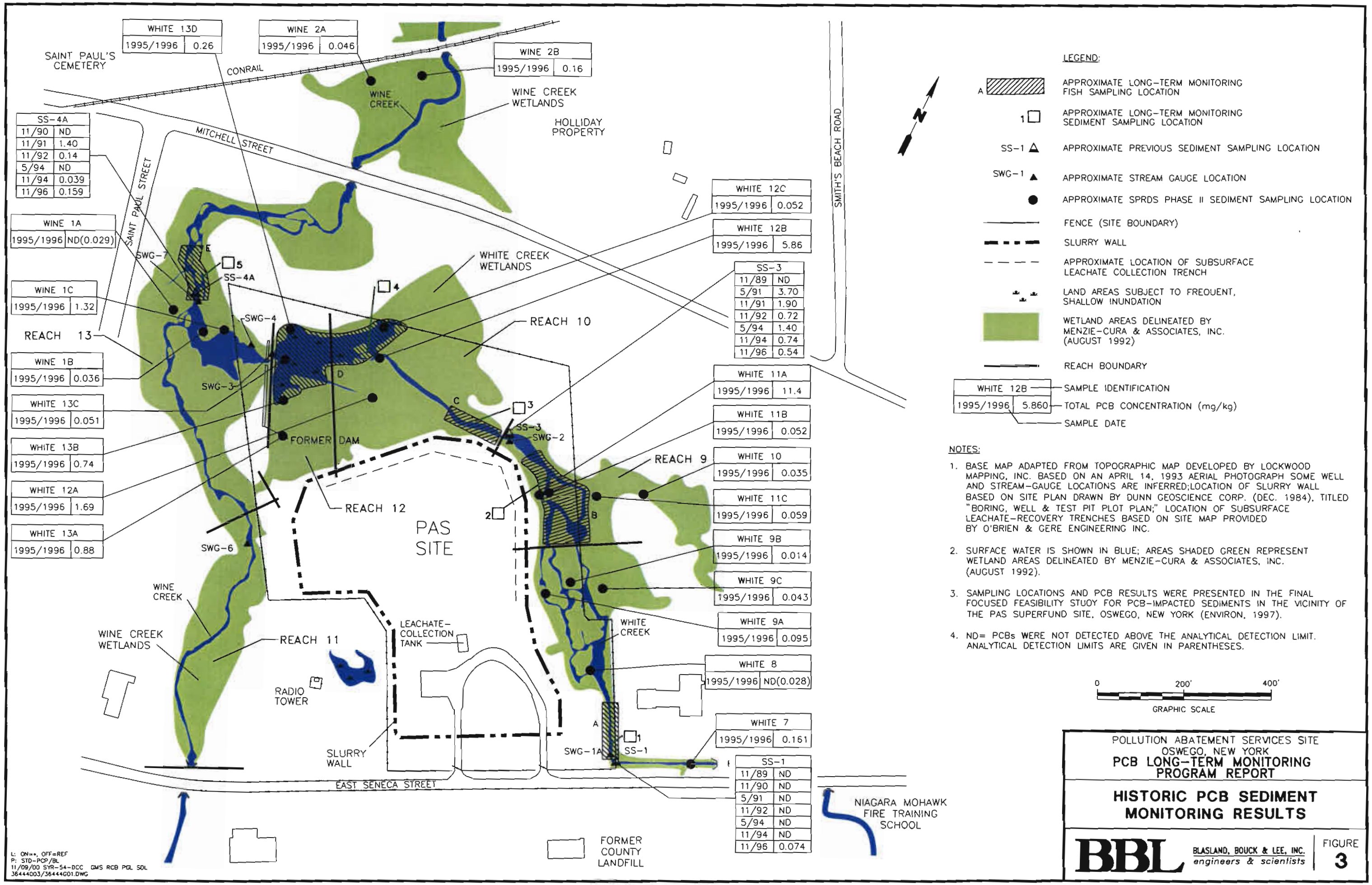


POLLUTION ABATEMENT SERVICES SITE
OSWEGO, NEW YORK
PCB LONG-TERM MONITORING PROGRAM REPORT

1999 AND 2000 PCB LONG-TERM MONITORING PROGRAM RESULTS FOR BIOTA

BBL BLASLAND, BOUCK & LEE, INC. engineers & scientists

FIGURE 2



POLLUTION ABATEMENT SERVICES SITE
OSWEGO, NEW YORK
PCB LONG-TERM MONITORING PROGRAM REPORT

HISTORIC PCB SEDIMENT MONITORING RESULTS

BLASLAND, BOUCK & LEE, INC. engineers & scientists

FIGURE 3

BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Transmitted Via Facsimile/U.S. Mail

May 31, 2001

Ms. Patricia Simmons
Project Manager
Central New York Remediation Section
United States Environmental Protection Agency
Region 2
290 Broadway
New York, NY 10007-1866

Re: PCB Long-Term Monitoring Plan
Pollution Abatement Services Superfund Site 738001
Fourth Operable Unit
Oswego, New York
BBL Project #: 0364.36444 #2

Dear Ms. Simmons:

As requested, this letter documents the United States Environmental Protection Agency's (USEPA's) approval of the modification in the long-term monitoring program for the above-referenced project that was proposed by the Settling Defendants in the Annual Progress Report submitted on December 1, 2000. As detailed in that progress report, the Settling Defendants proposed that sediment cores not be collected in the future and that future monitoring rounds focus on the continued collection of surficial (0 to 3-inch) sediment, sediment trap, and biota samples in accordance with the USEPA-approved August 1999 *PCB Long-Term Monitoring Plan*. Your verbal approval of this modification to the long-term monitoring program was provided to Blasland, Bouck & Lee, Inc. on May 30, 2001.

The third annual sediment and biota sampling is scheduled to be conducted during the week of June 4, 2001, as initially identified to the USEPA on May 15, 2001. Pursuant to your request, we have coordinated the schedule with Mr. John Strang of the New York State Department of Environmental Conservation (NYSDEC) and understand that he will provide oversight during this sampling event.

If you have any questions, please do not hesitate to call me at (315) 446-2570, extension 290.

Sincerely,

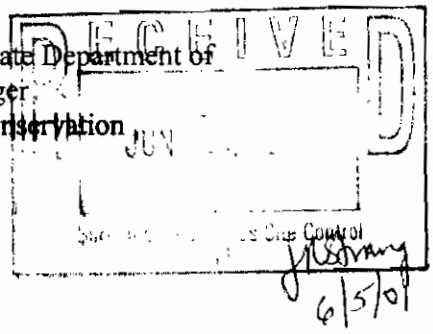
BLASLAND, BOUCK & LEE, INC.

M Cathy Geraci

M. Cathy Geraci
Associate

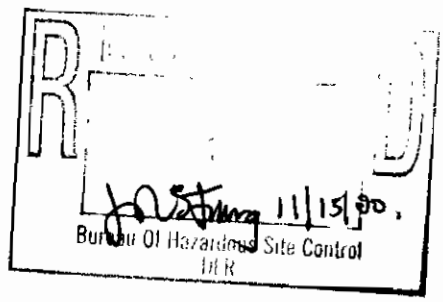
MCG/kah

cc: Chief, New York/Caribbean Superfund Branch, Office of Regional Counsel, United States Environmental Protection Agency, Region II -- Attention: PAS Superfund Site Attorney
Chief Environmental Enforcement Section, Environment and Natural Resources Division, United States Department of Justice, Re: DOJ # 90-11-2-2A
Director, Division of Hazardous Waste Remediation, New York State Department of Environmental Conservation -- Attention: PAS Site Project Manager
Mr. John Strang, New York State Department of Environmental Conservation
Mr. Daniel Geraghty, New York State Department of Health
William C. Weiss, Esq., Niagara Mohawk Power Corporation
R. William Stephens, Esq., Raichle, Banning, Weiss & Stephens
Mr. James F. Morgan, Niagara Mohawk Power Corporation
Mr. David J. Ulm, Blasland, Bouck & Lee, Inc.
Mr. David K. Rigg, Blasland, Bouck & Lee, Inc.



de maximis, inc.

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



First Class Mail

October 9, 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
20th Floor, 290 Broadway
New York, NY 10007

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

Dear Ms. Simmons:

The October 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 July 2000 through September 2000, 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

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

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

PERIOD COVERED: JULY – SEPTEMBER 2000

ACTIONS TAKEN DURING PREVIOUS QUARTER (JUL - SEP 2000):

- On July 19, 2000, the Performing Settling Defendants proposed that O'Brien & Gere Operations, Inc. (now known as O'Brien & Gere Inc. of North America) (OBG) replace BBL Environmental Services as the primary remedial contractor for operation, maintenance and long-term monitoring (OMM) activities conducted at the site. USEPA formally approved the proposed contractor change in their letter dated July 26, 2000.

- Removal activities were conducted at the PAS Oswego Site in accordance with the Operation, Maintenance and Long-term Monitoring Activities Plan (BBL, 1998) (Work Plan). A total of 64,421 gallons of leachate was removed during the period July through September of 2000. BBL Environmental Services (BBLES) removed a total of 20,417 gallons of leachate in July. OBG assumed responsibilities for site operations beginning with the August leachate removal events. OBG removed a total of 44,004 gallons of leachate during August and September. Subsequent to each of these events, leachate and ground water was disposed of at the BFI/CECOS Niagara Falls, New York, disposal facility. Buffalo Fuels Corporation was the transportation subcontractor for hoth BBLES and OBG leachate removal activities.

- BBLES performed ground-water elevation monitoring on July 3 and 17, 2000. OBG performed ground-water elevation monitoring on July 31, August 14, and September 5 and 18, 2000. On July 31, 2000, quarterly ground-water elevation monitoring was also performed.

- OBG performed site maintenance activities on July 31, August 14, and September 18, 2000, which included inspection of spill control materials, perimeter fencing, and monitoring wells, as well as cleanup of the storage shed and clearing of any debris accumulated in the concrete surface drainage trenches. These maintenance activities were performed in accordance with the approved Work Plan. In addition, BBLES mowed the vegetated cap and trimmed vegetation along the fenceline during July.

- On July 19, 2000, de maximis notified USEPA of a spill that occurred at the Site during leachate removal activities conducted by BBLES. A follow-up notification letter was submitted to USEPA on July 27, 2000 which described the details of the July 19 spill. As noted in the letter, approximately 50 gallons of leachate were released onsite to the asphalt pavement surface from the manway of the Buffalo Fuels transport tanker truck during the tanker filling process. All released leachate was promptly captured with sorbent material and containerized in an approved 55-gallon drum by BBLES personnel. On August 29th, BBLES subcontracted with Freehold Cartage, for disposal of the drummed material at CWM Chemical Services in Model City, New York. (An additional drum containing spent PPE material stored at the site was also shipped to CWM for disposal.)

- On August 21, 2000, de maximis submitted a letter to USEPA requesting that all sediment sampling conducted under the approved Work Plan be discontinued. A summary of VOC sediment sampling results was provided which indicated that all sediment sampling results were reported as non-detect for VOC's. The August 21st letter also requested elimination of all future surface water elevation monitoring in the creeks as well.

ACTION ITEMS FOR FOLLOWING QUARTER (OCT - DEC 2000):

- OMM activities will be performed in October, November, and December 2000, in accordance with the approved Work Plan. The OMM activities include pumping 15,000 gallons of leachate during the first week of the month, or whatever volume can be efficiently removed during a one-day pumping event, up to 15,000 gallons. The ground-water slurry wall wells and leachate wells will be monitored during the beginning of the third week of the month. If leachate elevations measured during the third week indicate that an additional 10,000 gallons of removable leachate has accumulated in the collection trenches, then a contingency removal event will be promptly scheduled to remove the 10,000 gallons of additional leachate.

- Semi-annual monitoring activities will be conducted the first week in November. In addition to the above-mentioned leachate removal activities, the semi-annual monitoring will include the collection of groundwater quality samples from Long-Term Monitoring (LTM) wells LR-6, LR-8, M-21, M-25 and M-26 as specified in the OMM Plan. Leachate quality samples will also be collected from leachate collection wells LCW-2 and LCW-4. These sampling activities will be performed in accordance with the approved Work Plan.

- OBG will continue to perform routine maintenance activities, including inspection of spill control materials and perimeter fence. Snow removal will be performed on an as needed basis throughout the following quarter. These maintenance activities will be performed in accordance with the approved Work Plan.

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

LEACHATE REMOVAL EVENTS AND TASK SCHEDULE (4th Quarter 2000)

	October 2000 Removal Events		November 2000 Removal Events		December 2000 Removal Events		Task
	First Event	Contingency Event	First Event	Contingency Event	First Event	Contingency Event	
Pre-Pumping Monitoring	Oct. 2	Oct. 16	Oct. 30	Nov. 13	Dec. 4	Dec. 18	LCW- and SWW- Series Wells for Oct., Nov. and Dec. LCW-, SWW-, M-, and LR- Series Wells for Nov. (first event only).
Removal	Oct. 4	Oct. 18	Nov. 1	Nov. 15	Dec. 6	Dec. 20	Remove leachate from LCW-1, -2, -3, and -4 wells.

LEACHATE REMOVAL EVENTS AND TASK SCHEDULE (1st Quarter 2001)

	January 2001 Removal Events		February 2001 Removal Events		March 2001 Removal Events		Task
	First Event	Contingency Event	First Event	Contingency Event	First Event	Contingency Event	
Pre-Pumping Monitoring	Jan. 8	Jan. 22	Feb. 5	Feb. 19	Mar. 5	Mar. 19	LCW- and SWW- Series Wells for Oct., Nov. and Dec. LCW-, SWW-, M-, and LR- Series Wells for Feb.(first event only).
Removal	Jan. 10	Jan. 24	Feb. 7	Feb. 21	Mar. 7	Mar. 21	Remove leachate from LCW-1, -2, -3, and -4 wells.

ANTICIPATED DELAYS/PROBLEMS:

- The Performing Settling Defendants (PSDs) are awaiting 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 3, 17 and 31, August 14, and September 5 and 18, 2000 are attached (See Attachment 1).
- The routine leachate disposal and site inspection checklists are attached (See Attachment 2).

DOCUMENTATION OF REMOVAL ACTIVITIES DURING PREVIOUS QUARTER:

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

JULY 2000
July 5, 2000

Manifest #	Amount (gal)	Date Removed
NYG1719279	4,804	7/5/00
NYG1719288	5,317	7/5/00

July 5, 2000 Total = 10,121 gallons

July 19, 2000

Manifest #	Amount (gal)	Date Removed
NYG1719297	5,185	7/19/00
NYG1719306	5,111	7/19/00

July 19, 2000 Total = 10,470 gallons
July 2000 Total =20,416 gallons

AUGUST 2000
August 2, 2000

Manifest #	Amount (gal)	Date Removed
NYG2448144	5,272	8/2/00
NYG2448153	5,253	8/2/00
NYG2448171	2,588	8/2/00

August 2, 2000 Total = 13,113 gallons

August 16, 2000

Manifest #	Amount (gal)	Date Removed
NYG2448162	5,224	8/16/00
NYG2448189	5,260	8/16/00

August 16, 2000 Total = 10,484 gallons
August 2000 Total = 23,597 gallons

SEPTEMBER 2000
September 6, 2000

Manifest #	Amount (gal)	Date Removed
NYG2448216	5,205	9/6/00
NYG2448225	5,217	9/6/00

September 6, 2000 Total = 10,422 gallons

September 20, 2000

Manifest #	Amount (gal)	Date Removed
NYG2448234	4,850	9/20/00
NYG2448198	5,135	9/20/00

September 20, 2000 Total = 9,985 gallons
September 2000 Total = 20,407 gallons

- **CUMULATIVE REMOVAL QUANTITIES**

Cumulative gallons removed during quarter under OMM Plan - July thru September 2000) 64,420 gal

HISTORICAL SUMMARY OF LEACHATE REMOVAL ACTIVITIES

Order/Decree	*Disposal Facility/Period*	*Quantities*
1991 IGR Order (2/92 - 10/94)	***Dupont:***	
	1992 (2/98 -12/98)	221,808
	1993	337,619
	1994 (1/94-10/94)	254,898
	Subtotal	814,325
1994 IGR Order (10/94 - 10/98)	*DuPont:*	
	1994 (From 10/94)	50,683
	1995	279,164
	1996 (To 5/96)	119,901
	Subtotal (To 5/96)	449,748
	BFI/CECOS:	
	1996	163,446
	1997	269,371
	1998 (1/98-10/98	207,541
	Subtotal	640,358
	94 IGR Order Total	1,090,106
Final IGR Total		**1,904,431**
OMM Consent Decree (Beginning 11/98)	*BFI/CECOS:*	
	1998 (11/98-12/98)	18,423
	1999	177,710
	2000 (thru Sep 2000)	159,545
	OMM Subtotal	**355,678**
GRAND TOTAL		**2,260,109**

- **LEACHATE DISPOSAL DOCUMENTATION**

July 5, 2000

BFI/CECOS Work Order Number	Manifest #	Date Disposed
283049	NYG1719279	7/5/00
283050	NYG1719288	7/5/00

July 19, 2000

BFI/CECOS Work Order Number	Manifest #	Date Disposed
283051	NYG1719297	7/19/00
283052	NYG1719306	7/19/00

August 2, 2000

BFI/CECOS Work Order Number	Manifest #	Date Disposed
283102	NYG2448144	8/2/00
283103	NYG2448153	8/2/00
283104	NYG2448171	8/2/00

August 16, 2000

BFI/CECOS Work Order Number	Manifest #	Date Disposed
283233	NYG2448162	8/16/00
283234	NYG2448189	8/16/00

Note: BBLES disposed of two drums of spill sorbent material and PPE debris on 8/31/00 at CWM In Model City, New York (Manifest #2285865).

September 6, 2000

BFI/CECOS Work Order Number	Manifest #	Date Disposed
283336	NYG2448216	9/6/00
283337	NYG2448225	9/6/00

September 20, 2000

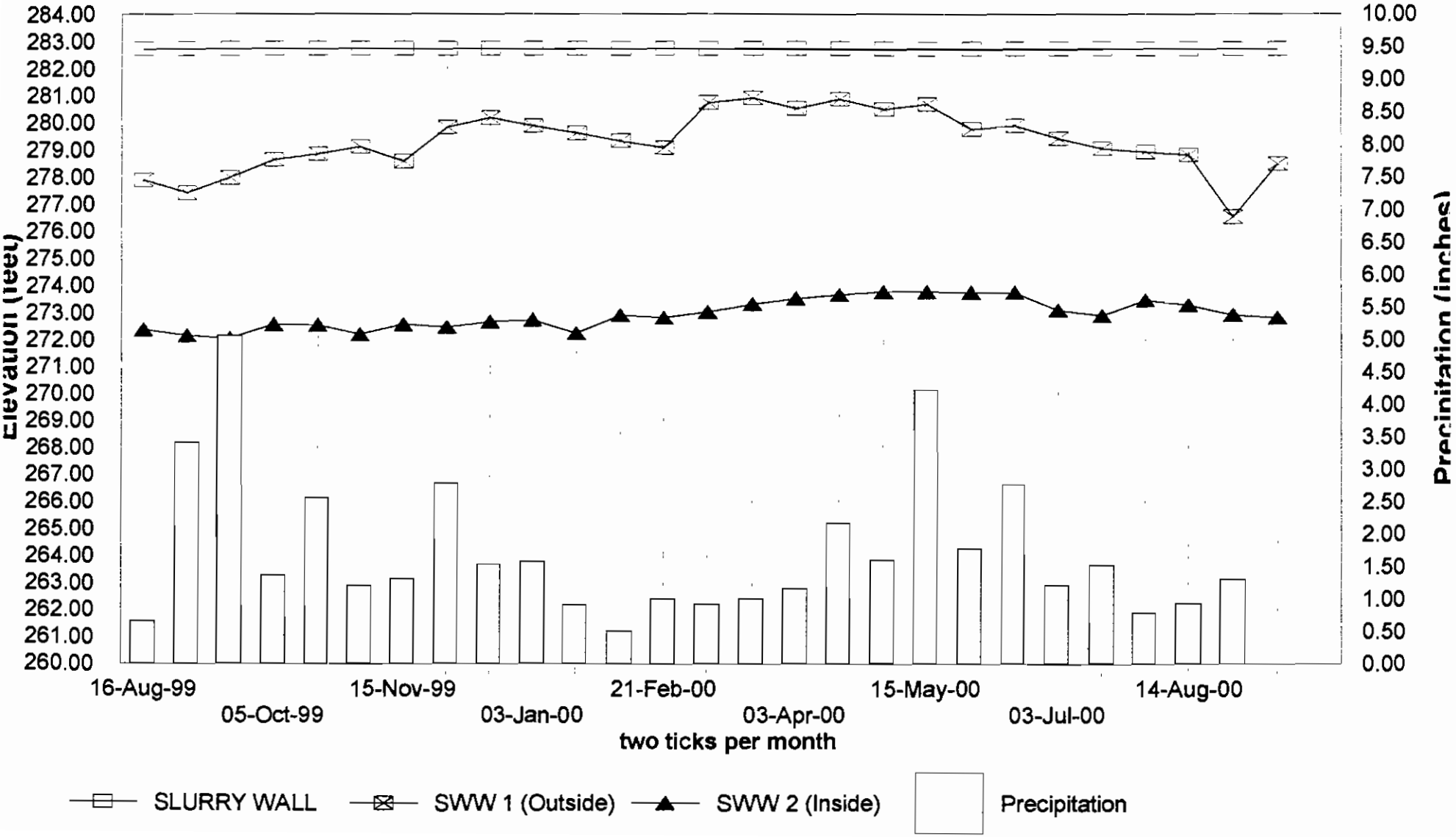
BFI/CECOS Work Order Number	Manifest #	Date Disposed
283561	NYG2448234	9/20/00
283562	NYG2448198	9/20/00

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.

ATTACHMENT 1

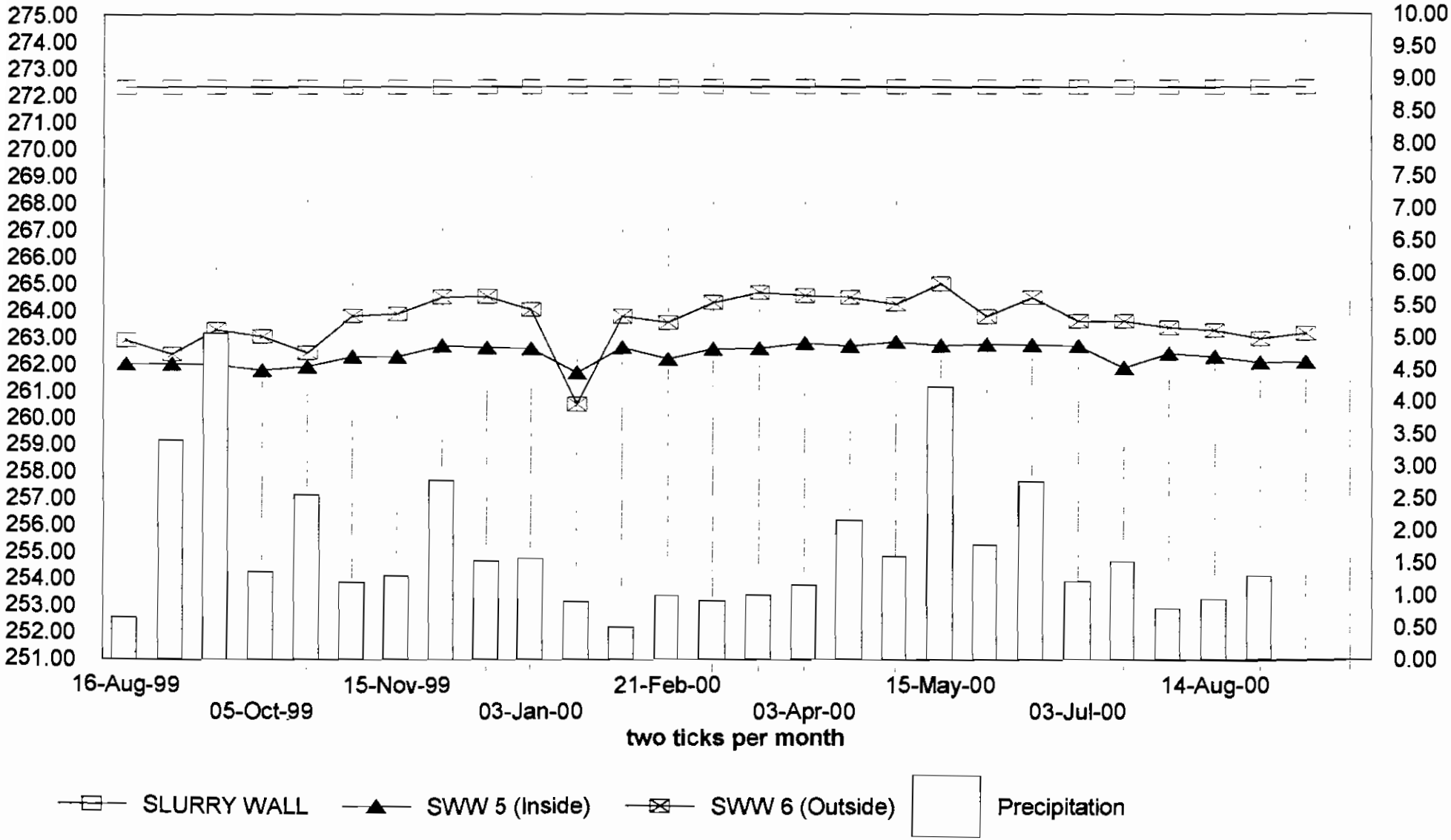
PAS - OSWEGO

GROUNDWATER ELEVATIONS (SWW1 & SWW2)



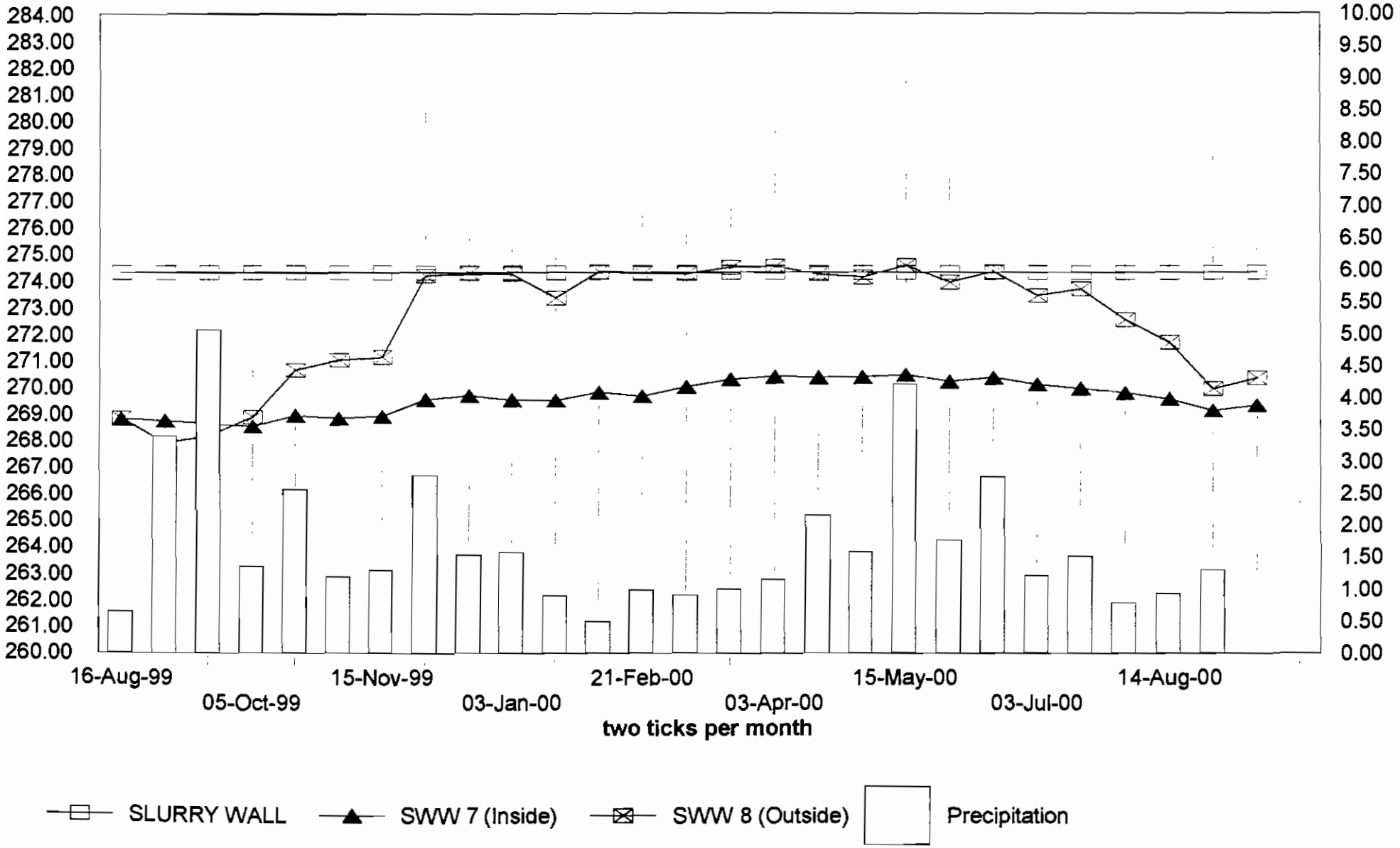
PAS - OSWEGO

GROUNDWATER ELEVATIONS (SWW5 & SWW6)



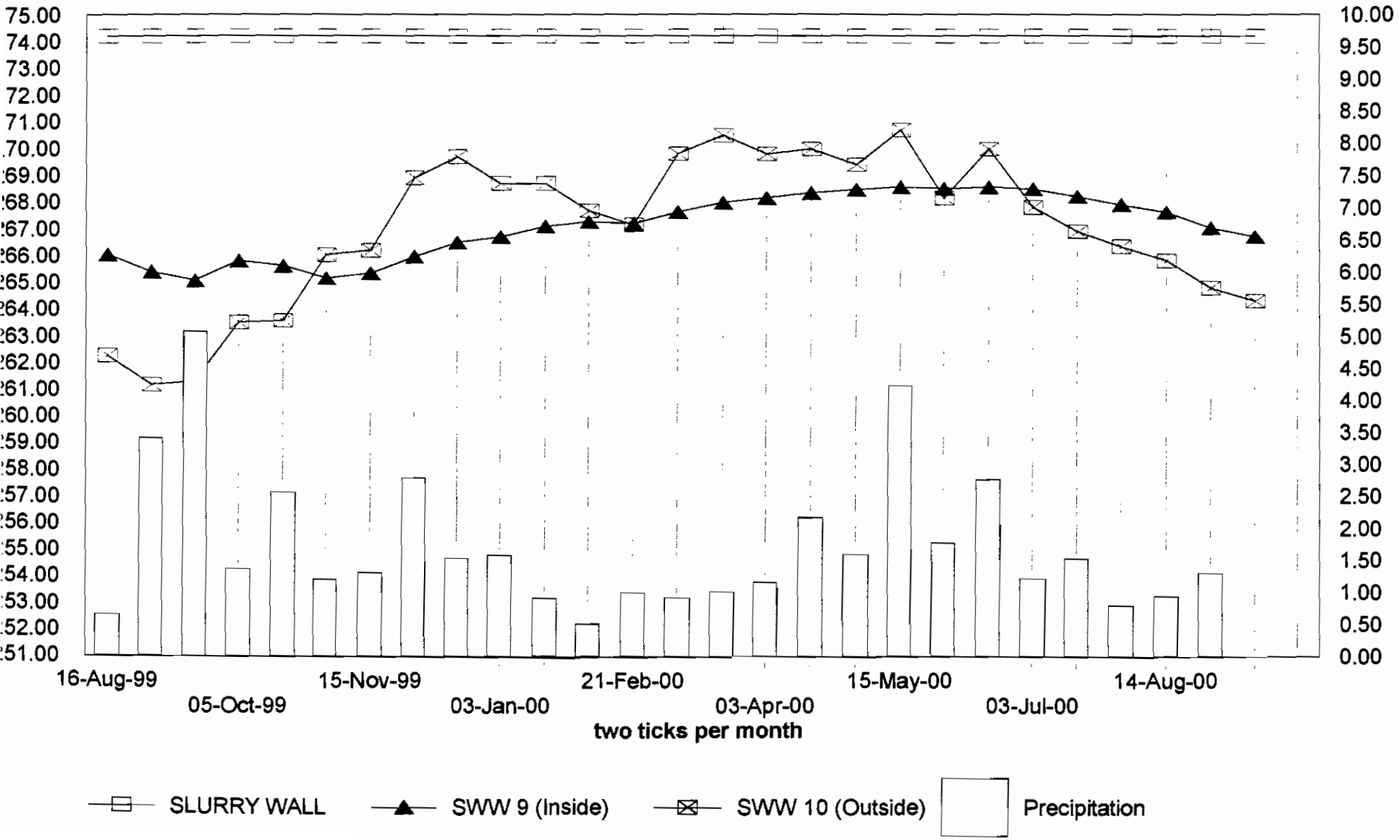
PAS - OSWEGO

GROUNDWATER ELEVATIONS (SWW7 & SWW8)



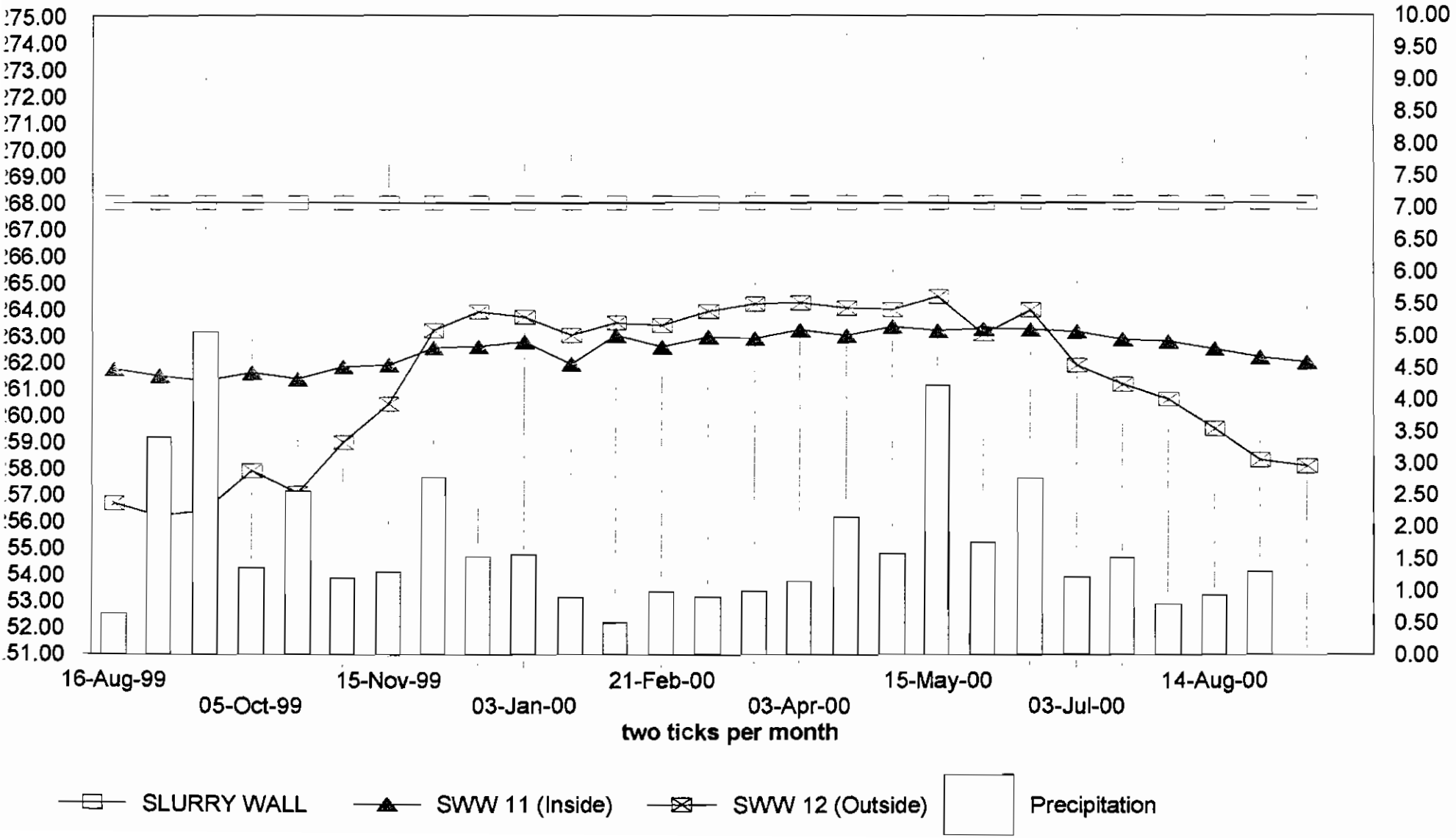
PAS - OSWEGO

GROUNDWATER ELEVATIONS (SWW9 & SWW10)



PAS - OSWEGO

GROUNDWATER ELEVATIONS (SWW11 & SWW12)



BBL Environmental Services, Inc.
PAS Site
Oswego, New York
Pre-Pumping Monitoring Well Levels - ~~Contingency Event~~
07/03/2000
06:45 AM

Well Number	Ground Elevation	Riser Elevation	DTW During Previous Event	Reading 1	Reading 2	Acceptable Range for DTW	Within Range? Yes	Within Range? No	Ground-Water Elevation	Reading 3
SWW1	286.20	289.33	9.44	9.92	9.92	8.15 to 10.07	x		279.41	
SWW2	286.30	289.37	15.63	16.27	16.27	15.10 to 16.13		x	273.10	16.27
SWW3	286.00	286.50	17.04	17.07	17.07	16.44 to 17.54	x		269.43	
SWW4	282.90	283.60	14.33	16.28	16.28	12.30 to 16.47	x		267.32	
SWW5	275.90	277.02	14.29	14.33	14.33	13.67 to 14.82	x		262.69	
SWW6	270.90	273.06	8.57	9.45	9.45	7.56 to 9.78	x		263.61	
SWW7	273.30	277.93	7.57	7.81	7.81	6.95 to 8.20	x		270.12	
SWW8	275.70	278.24	3.90	4.78	4.78	3.16 to 4.80	x		273.46	
SWW9	283.30	285.55	16.98	17.06	17.06	16.48 to 17.57	x		268.49	
SWW10	279.30	280.43	10.45	12.60	12.60	9.23 to 12.77	x		267.83	
SWW11	271.00	273.50	10.25	10.34	10.34	9.64 to 10.79	x		263.16	
SWW12	270.20	272.82	8.85	10.93	10.93	7.83 to 10.25		x	261.89	10.93
LCW-1	271.40	272.21	11.04	10.97	10.97	9.94 to 11.70	x		261.24	
LCW-2	272.60	274.44	13.31	13.23	13.23	12.20 to 13.97	x		261.21	
LCW-3	283.30	284.36	18.15	18.25	18.25	17.65 to 19.11	x		266.11	
LCW-4	283.80	285.70	19.63	19.67	19.67	17.43 to 20.13	x		266.03	

BBL Environmental Services, Inc.
PAS Site
Oswego, New York
Pre-Pumping Monitoring Well Levels - Contingency Event
07/17/2000
08:00 AM

Well Number	Ground Elevation	Riser Elevation	DTW During Previous Event	Reading 1	Reading 2	Acceptable Range for DTW	Within Range? Yes	Within Range? No	Ground-Water Elevation	Reading 3
SWW1	286.20	289.33	9.92	10.29	10.29	8.15 to 10.07		x	279.04	10.29
SWW2	286.30	289.37	16.27	16.47	16.47	15.10 to 16.13		x	272.90	16.47
SWW3	286.00	286.50	17.07	17.19	17.19	16.44 to 17.54	x		269.31	
SWW4	282.90	283.60	16.28	16.36	16.36	12.30 to 16.47	x		267.24	
SWW5	275.90	277.02	14.33	15.14	15.14	13.67 to 14.82		x	261.88	15.14
SWW6	270.90	273.06	9.45	9.46	9.46	7.56 to 9.78	x		263.60	
SWW7	273.30	277.93	7.81	7.97	7.97	6.95 to 8.20	x		269.96	
SWW8	275.70	278.24	4.78	4.55	4.55	3.16 to 4.80	x		273.69	
SWW9	283.30	285.55	17.06	17.34	17.34	16.48 to 17.57	x		268.21	
SWW10	279.30	280.43	12.60	13.51	13.51	9.23 to 12.77		x	266.92	13.51
SWW11	271.00	273.50	10.34	10.62	10.62	9.64 to 10.79	x		262.88	
SWW12	270.20	272.82	10.93	11.63	11.63	7.83 to 10.25		x	261.19	11.63
LCW-1	271.40	272.21	10.97	11.32	11.32	9.94 to 11.70	x		260.89	
LCW-2	272.60	274.44	13.23	13.56	13.56	12.20 to 13.97	x		260.88	
LCW-3	283.30	284.36	18.25	18.20	18.20	17.65 to 19.11	x		266.16	
LCW-4	283.80	285.70	19.67	20.01	20.01	17.43 to 20.13	x		265.69	

OBG Inc. of North America
PAS Site
Oswego, New York
Pre-Pumping Monitoring Well Levels
07/31/2000
08:00 AM

Well Number	Ground Elevation	Riser Elevation	DTW During Previous Event	Reading 1	Reading 2	Acceptable Range for DTW	Within Range? Yes	Within Range? No	Ground-Water Elevation	Reading 3
SWW1	286.20	289.33	10.29	10.41	10.41	8.94 to 10.79	x		278.92	
SWW2	286.30	289.37	16.47	15.92	15.92	15.12 to 16.97	x		273.45	
SWW3	286.00	286.50	17.19	17.31	17.31	16.50 to 17.69	x		269.19	
SWW4	282.90	283.60	16.36	16.87	16.87	13.83 to 16.86		x	266.73	16.87
SWW5	275.90	277.02	15.14	14.55	14.60	13.77 to 15.64	x		262.42	14.55
SWW6	270.90	273.06	9.46	9.69	9.69	8.07 to 9.96	x		263.37	
SWW7	273.30	277.93	7.97	8.15	8.14	7.07 to 8.47	x		269.79	8.15
SWW8	275.70	278.24	4.55	5.69	5.70	3.40 to 5.28		x	272.54	5.69
SWW9	283.30	285.55	17.34	17.63	17.63	16.48 to 17.84	x		267.92	
SWW10	279.30	280.43	13.51	14.08	14.08	9.95 to 14.01		x	266.35	14.08
SWW11	271.00	273.50	10.62	10.71	10.71	9.64 to 11.12	x		262.79	
SWW12	270.20	272.82	11.63	12.21	12.21	8.35 to 12.13		x	260.61	12.21
LCW-1	271.40	272.21	11.32	11.40	11.40	9.96 to 11.82	x		260.81	
LCW-2	272.60	274.44	13.56	13.59	13.59	12.21 to 14.06	x		260.85	
LCW-3	283.30	284.36	18.20	16.97	16.97	17.65 to 18.83		x	267.39	16.97
LCW-4	283.80	285.70	20.01	20.10	20.10	18.30 to 20.51	x		265.60	
LR-2	287.50	289.85	13.13	13.99	13.99	12.63 to 16.01	x		275.86	
LR-3	275.50	278.06	8.55	9.78	9.78	8.05 to 12.34	x		268.28	
LR-6	270.90	274.39	10.60	11.78	11.78	10.10 to 13.72	x		262.61	
LR-8	270.00	273.42	10.02	11.43	11.44	9.39 to 13.03	x		261.98	11.43
M-21	270.28	272.32	9.51	10.87	10.87	8.90 to 12.65	x		261.45	
M-22	270.40	273.88	10.53	11.65	11.65	10.03 to 13.63	x		262.23	
M-23	267.98	270.49	12.39	13.52	13.52	11.53 to 14.66	x		256.97	
M-24	276.49	277.94	14.44	16.20	16.20	13.89 to 17.89	x		261.74	
M-25	264.56	265.84	7.50	8.81	8.81	6.45 to 10.29	x		257.03	
M-26	271.85	273.38	9.41	13.87	13.87	7.14 to 16.08	x		259.51	

OBG Inc. of North America
PAS Site
Oswego, New York
Pre-Pumping Monitoring Well Levels
08/14/2000
08:00 AM

Well Number	Ground Elevation	Riser Elevation	DTW During Previous Event	Reading 1	Reading 2	Acceptable Range for DTW	Within Range? Yes	Within Range? No	Ground-Water Elevation	Reading 3
SWW1	286.20	289.33	10.41	10.53	10.53	8.94 to 10.79	x		278.80	
SWW2	286.30	289.37	15.92	16.08	16.08	15.12 to 16.97	x		273.29	
SWW3	286.00	286.50	17.31	17.40	17.41	16.50 to 17.69	x		269.09	
SWW4	282.90	283.60	16.87	16.99	16.99	13.83 to 16.86		x	266.61	16.99
SWW5	275.90	277.02	14.55	14.72	14.72	13.77 to 15.64	x		262.30	
SWW6	270.90	273.06	9.69	9.78	9.78	8.07 to 9.96	x		263.28	
SWW7	273.30	277.93	8.15	8.37	8.37	7.07 to 8.47	x		269.56	
SWW8	275.70	278.24	5.69	6.56	6.56	3.40 to 5.28		x	271.68	6.56
SWW9	283.30	285.55	17.63	17.92	17.92	16.48 to 17.84		x	267.63	17.92
SWW10	279.30	280.43	14.08	14.61	14.61	9.95 to 14.01		x	265.82	14.61
SWW11	271.00	273.50	10.71	10.98	10.98	9.64 to 11.12	x		262.52	
SWW12	270.20	272.82	12.21	13.30	13.30	8.35 to 12.13		x	259.52	13.30
LCW-1	271.40	272.21	11.40	11.69	11.69	9.96 to 11.82	x		260.52	
LCW-2	272.60	274.44	13.59	13.91	13.91	12.21 to 14.06	x		260.53	
LCW-3	283.30	284.36	16.97	18.51	18.51	17.65 to 18.83	x		265.85	
LCW-4	283.80	285.70	20.10	20.85	20.85	18.30 to 20.51		x	264.85	20.85

OBG Inc. of North America
PAS Site
Oswego, New York
Pre-Pumping Monitoring Well Levels
09/05/00
08:00 AM

Well Number	Ground Elevation	Riser Elevation	DTW During Previous Event	Reading 1	Reading 2	Acceptable Range for DTW	Within Range? Yes	Within Range? No	Ground-Water Elevation	Reading 3
SWW1	286.20	289.33	10.53	12.79	12.80	9.42 to 10.79		x	276.53	12.80
SWW2	286.30	289.37	16.08	16.48	16.45	15.77 to 16.97	x		272.92	16.45
SWW3	286.00	286.50	17.40	17.61	17.61	16.57 to 17.69	x		268.89	
SWW4	282.90	283.60	16.99	17.39	17.39	15.78 to 16.86		x	266.21	17.39
SWW5	275.90	277.02	14.72	14.94	14.94	13.83 to 15.64	x		262.08	
SWW6	270.90	273.06	9.78	10.10	10.10	8.95 to 9.96		x	262.96	10.10
SWW7	273.30	277.93	8.37	8.80	8.80	7.31 to 8.47		x	269.13	8.80
SWW8	275.70	278.24	6.56	8.29	8.29	4.05 to 5.28		x	269.95	8.29
SWW9	283.30	285.55	17.92	18.51	18.50	16.56 to 17.84		x	267.05	18.50
SWW10	279.30	280.43	14.61	15.62	15.62	12.10 to 14.01		x	264.81	15.62
SWW11	271.00	273.50	10.98	11.28	11.29	9.84 to 11.12		x	262.21	11.29
SWW12	270.20	272.82	13.30	14.49	14.49	10.43 to 12.13		x	258.33	14.49
LCW-1	271.40	272.21	11.69	17.29	17.29	10.47 to 11.82		x	254.92	17.29
LCW-2	272.60	274.44	13.91	13.52	13.52	12.73 to 14.06	x		260.92	
LCW-3	283.30	284.36	18.51	18.71	18.71	17.70 to 18.75	x		265.65	
LCW-4	283.80	285.70	20.85	20.73	20.73	19.17 to 20.51		x	264.97	20.73

OBG Inc. of North America
PAS Site
Oswego, New York
Pre-Pumping Monitoring Well Levels
09/18/2000
08:00 AM

Well Number	Ground Elevation	Riser Elevation	DTW During Previous Event	Reading 1	Reading 2	Acceptable Range for DTW	Within Range? Yes	Within Range? No	Ground-Water Elevation	Reading 3
SWW1	286.20	289.33	12.80	10.86	10.86	9.42 to 10.79		x	278.47	10.86
SWW2	286.30	289.37	16.45	16.56	16.56	15.77 to 16.97	x		272.81	
SWW3	286.00	286.50	17.61	17.69	17.69	16.57 to 17.69			268.81	
SWW4	282.90	283.60	17.39	17.22	17.22	15.78 to 16.86		x	266.38	17.22
SWW5	275.90	277.02	14.94	14.92	14.92	13.83 to 15.64	x		262.10	
SWW6	270.90	273.06	10.10	9.91	9.91	8.95 to 9.96	x		263.15	
SWW7	273.30	277.93	8.80	8.62	8.62	7.31 to 8.47		x	269.31	8.62
SWW8	275.70	278.24	8.29	7.90	7.90	4.05 to 5.28		x	270.34	7.90
SWW9	283.30	285.55	18.50	18.82	18.82	16.56 to 17.84		x	266.73	18.82
SWW10	279.30	280.43	15.62	16.11	16.11	12.10 to 14.01		x	264.32	16.11
SWW11	271.00	273.50	11.29	11.49	11.49	9.84 to 11.12		x	262.01	11.49
SWW12	270.20	272.82	14.49	14.71	14.71	10.43 to 12.13		x	258.11	14.71
LCW-1	271.40	272.21	17.29	11.85	11.85	10.47 to 11.82		x	260.36	11.85
LCW-2	272.60	274.44	13.52	14.10	14.10	12.73 to 14.06		x	260.34	14.10
LCW-3	283.30	284.36	18.71	18.60	18.60	17.70 to 18.75	x		265.76	
LCW-4	283.80	285.70	20.73	20.81	20.81	19.17 to 20.51		x	264.89	20.81

ATTACHMENT 2

BBL Environmental Services, Inc.

PAS Site
Oswego, New York

Leachate Disposal Checklist

T HENSON — BLES Project Personnel
7/5/00 — Date
600 — 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	605	800			SEE BELOW	INTERMITTANT OPERATION
LCW-2	605	815				↓
W-3	605	715				↓
JW-4	605	815				

Leachate Holding Tank: USED STICK MEASUREMENT

Initial Flow Meter Reading:
Final Flow Meter Reading: METER JNOP

$Q = \frac{12000 \text{ GALS}}{335 \text{ min}} = 36 \text{ GPM}$

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	930	YES	1105	5,625	CECOS NY6171279	W.O.# 283049
Load #2	1110	YES	1130	5,200	CECOS NY6171288	W.O.# 283050
Load #3					CECOS NY6171297	W.O.# 283051
Load #4			TOTAL	10,825		

5" OF LEACHATE REMAIN IN COLLECTION TANK
* 3RD TRUCK CANCELLED DUE TO BFC MAINTENANCE PROBLEM

BBL Environmental Services, Inc.

PAS Site
Oswego, New York

Leachate Disposal Checklist

T HENSON — *BLES Project Personnel*

7/19/00 — *Date*

5:40 — *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	6:00	7:35			SEE BELOW	INTERMITTANT OPERATION
LCW-2	6:00	10:03				
W-3	6:00	10:03				
LW-4	6:00	10:03				

Leachate Holding Tank: USED STICK MEASUREMENT — 1,500 GALS IN TANK FROM PREVIOUS EVENT

Initial Flow Meter Reading:

Final Flow Meter Reading: METER INOP

$Q = \frac{8625 \text{ GALS}}{263 \text{ MIN}} = 33 \text{ GPM}$

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	910	YES	940	4945	CECOS NY6171997	W.O.# 283057
Load #2	950	YES	1030	5180	CECOS NY6179306	W.O.# 283057
Load #3						
Load #4				10125		

- 1500 (AMOUNT IN TANK AT START OF EVENT)

8,625

BBL Environmental Services, Inc.

PAS Site
Oswego, New York

Site Inspection Checklist

Date: 7/5/00 Time: 600
Personnel: NH Weather: SUN 70's

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 STARTED TRIMMING ALONG E. SENECA ST. ON 7/3
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)

BBL Environmental Services, Inc.

PAS Site
Oswego, New York

Site Inspection Checklist

Date: 7/19/00 Time: 5:40
Personnel: KJH, Weather: SUN 70°

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		OK
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)

Appendix H

OBG
~~*BBL Environmental Services, Inc*~~
PAS Site
Oswego, New York

Operation and Maintenance and Long-Term Monitoring Plan
Leachate Disposal Checklist

A. Turner — ~~BBLES~~ OBG Project Personnel

8/2/00 — Date

0615 — Time On-Site

BFC — Transportation Subcontractor

CECOS — Leachate Destination

Pumping from Leachate Collection Wells to Leachate Collection Tank

Well	Leachate Collection Well Pumping		Well Pumping Flow Rate Analysis		Flow Rate Calculation	Comments
	Start Time	Stop Time	Time	Tank Elev. (Ft. Down)		
LCW-1	0630	0900			See below	Intermittent operation
LCW-2	0630	0930				
LCW-3	0630	0900				
LCW-4	0630	0930				

Leachate Collection Tank:
Initial Flow Meter Reading: Stick measurment
Final Flow Meter Reading: > Inoperative

$\frac{12,424\ g}{354\ min} = 35 gpm$

Pumping from Leachate Collection Tank to Tank Trucks

Load	Pre-Loading		Post-Loading		Destination	Comments
	Time	Confirmed Clean	Time	Tank Volume (By Stick Meas.)	Manifest	
Load #1	0825	yes	0855	45" - 5000g	NYG 2448144	WO# 283102 6500g straight
Load #2	0905	yes	0945	45" - 5000g	NYG 2448153	WO# 283103 6500g straight
Load #3	0955	yes	1030	28.5" - 2424g	NYG 2448171	WO# 283104 5000 pumpon
Load #4				—		

Appendix H

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

Operation and Maintenance and Long-Term Monitoring Plan
Leachate Disposal Checklist

Adam Turner — ~~BBLES~~ OBG Project Personnel

8/16/00 — Date

0630 — Time On-Site

BFC — Transportation Subcontractor

CECOS — Leachate Destination

Pumping from Leachate Collection Wells to Leachate Collection Tank

Well	Leachate Collection Well Pumping		Well Pumping Flow Rate Analysis		Flow Rate Calculation	Comments
	Start Time	Stop Time	Time	Tank Elev. (Ft. Down)		
LCW-1	0700	0915			See below	Intermittent operation
LCW-2	0700	0930				↓
LCW-3	0700	0915				
LCW-4	0700	0930				

Leachate Collection Tank:
Initial Flow Meter Reading: Stick measurement
Final Flow Meter Reading:) = Inoperative

$\frac{10,470 \text{ g}}{299 \text{ min}} = 35 \text{ gpm}$

Pumping from Leachate Collection Tank to Tank Trucks

Load	Pre-Loading		Post-Loading		Destination	Comments
	Time	Confirmed Clean	Time	Tank Volume (By Stick Meas.)	Manifest	
Load #1	0800	yes	0940	5290g	NYG 2448162	WO# 283233 6500g straight
Load #2	1030	yes	1058	5180g	NYG 2448189	WO# 283234 5000g pumper
Load #3						
Load #4						

* battery to pump not sufficient

O'Brien and Gere Inc., of North America

PAS Site
Oswego, New York

Leachate Disposal Checklist

Project Personnel: Adam Turner **Time on Site:** 0630

Transportation Subcontractor: BBL

Leachate Destination: CECOS

Date: 9.6.2000

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	0645	0930			See Below	Intermitent Pumping
LCW-2	↓	↓	↓	↓	↓	↓
LCW-3						
LCW-4	↓	↓	↓	↓	↓	↓

Leachate Holding Tank: : Stick Measurement

Initial Flow Meter Reading: > Inoperative
Final Flow Meter Reading:

$\frac{10,370\ g}{280\ min} = 37\ gpm$

Load	(Pre-Loading) Tanker		(Post-Loading) Tanker		Destination	Remarks
	Time	Confirmed Clean	Time	Tanker Volume (by Stick Mass)	Manifest	
Load #1	0925	yes	1035	48 1/4 " - 5150 g	# NYG 2448216	WO# 283336
Load #2	1040	yes	1135	NA - 5220 g	# NYG 2448225	WO# 283337
Load #3						
Load #4						

O'Brien and Gere Inc., of North America

PAS Site
Oswego, New York

Leachate Disposal Checklist

Project Personnel: Adam Turner

Time on Site: ~~0630~~ ABT 0600

Transportation Subcontractor: BBL

Leachate Destination: CECOS

Date: 9.20.00

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	0645	0920			See Below	Intermittent operation
LCW-2	↓	↓			↓	↓
LCW-3	↓	↓			↓	↓
LCW-4	↓	↓			↓	↓

Leachate Holding Tank:

Initial Flow Meter Reading: > Inoperative
Final Flow Meter Reading:

$\frac{10,100 \text{ g}}{281 \text{ m}} = 36 \text{ gpm}$

Load	(Pre-Loading) Tanker		(Post-Loading) Tanker		Destination	Remarks
	Time	Confirmed Clean	Time	Tanker Volume (by Stick Mass)	Manifest	
Load #1	0840	yes	0920	45" 4900 g	NYG 2448234	WO# 283561
Load #2	0950	yes	1100	50" 5100 g	NYG 2448198	WO# 283562
Load #3						
Load #4						

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

Operation and Maintenance and Long-Term Monitoring Plan
Site Inspection Checklist

Adam B. Turner — ~~BBLES~~ OBG Project Personnel
7/31/00 — Date
0700 — Time On-Site

Item	Satisfactory	Unsatisfactory	Comments
Monitoring Wells			
Riser	X		
Locks	X		
Leachate Collection System and Tank			
Pumps	X		
Pump Controls	X		Remotes non-functional
Piping and Ball Valves	X		except power (on/off)
Tank Level	X		5"
:e Conditions			
Fence Line	X		
Gate Locked	X		
Site Access Drive	X		
Cap Vegetation	X		just mowed
Cap Drainage System	X		
Equipment Storage Shed		X	waste needs removal
Stream Gauges			
Weather Conditions	X		

Remarks/Special Maintenance: (include separate detailed maintenance report as required)

- BBL to remove previously accumulated PPE + site materials from storage shed.

Appendix G

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

Operation and Maintenance and Long-Term Monitoring Plan
Site Inspection Checklist

Adam Turner — ~~BBLES~~ OBG Project Personnel
8/14/00 — Date
0730 — Time On-Site

Item	Satisfactory	Unsatisfactory	Comments
Monitoring Wells			
Riser	X		
Locks	X		* need to oil before winter/fall
Leachate Collection System and Tank			
Pumps	X		
Pump Controls			
Piping and Ball Valves	X		
Tank Level	5 X		5"
:e Conditions			
Fence Line	X		
Gate Locked	X		
Site Access Drive	X		
Cap Vegetation	X		
Cap Drainage System	X		
Equipment Storage Shed		X	waste still not removed
tream Gauges			
Weather Conditions	X		

marks/Special Maintenance: (include separate detailed maintenance report as required)

O'Brien and Gere Inc., of North America

PAS Site
Oswego, New York

Site Inspection Checklist

Date: 9.4.00 **Time:** 0700

Personnel: ABT **Weather:** 64° Partly Sunny

Site Feature	Previous Inspection Date	Condition/Maintenance Activity
Cap	8.16.00	
Burrowing Animals		NA
Cap Vegetation		OK
Concrete Drainage Trough		OK
French Drain		OK
Weeds		OK
Leachate Collection System		
Pumps		Good
Pump Controls/Alarms		NA
Tank Level		4"
Monitoring Wells		
Locks		OK
Riser		OK
Surface Completion		OK
General Site Conditions		
Foliage		
Perimeter Fence		OK
Site Access Drive		Good
Stream Gauges		NA
Other Items		
Equipment Storage Shed		OK
Fire Extinguisher		OK
Spill Control Materials	↓	OK

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

Need to cut drainage trough in oct.

O'Brien and Gere Inc., of North America

PAS Site
Oswego, New York

Site Inspection Checklist

Date: 9.18.00 **Time:** 0700

Personnel: ABT **Weather:** 55° SUNNY

Site Feature	Previous Inspection Date	Condition/Maintenance Activity
Cap	9.4.00	
Burrowing Animals		—
Cap Vegetation		OK
Concrete Drainage Trough		OK
French Drain		OK
Weeds		OK
Leachate Collection System		
Pumps		Good Cond.
Pump Controls/Alarms		—
Tank Level		3"
Monitoring Wells		
Locks		OK
Riser		OK
Surface Completion		OK
General Site Conditions		
Foliage		
Perimeter Fence		OK
Site Access Drive		Good
Stream Gauges		—
Other Items		
Equipment Storage Shed		OK
Fire Extinguisher		OK
Spill Control Materials		OK

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

ATTACHMENT 3

NYG 1719279

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

(Hazardous Waste Manifest 1/5/99)

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

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. NYD 0 0 0 5 1 1 6 5 3 | Manifest Doc. No. 0 0 0 3 4 | 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 BBL Environmental Services, Inc. Attn: L.W. McBurney
6723 Towpath Road, P.O. Box 66, Syracuse, NY 13214-0066

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

A. NYG 1719279

B. Generator's ID Pollution Abatement Service Site, E. Seneca St., Oswego, NY 13126

5. Transporter 1 (Company Name) Buffalo Fuel Corp.

6. US EPA ID Number NYR 0 0 0 4 5 7 2 4

C. State Transporter's ID 46535J (NY)

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

7. Transporter 2 (Company Name)

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Telephone ( )

9. Designated Facility Name and Site Address
CECOS International, Inc.
5600 Niagara Falls Boulevard
Niagara Falls, NY 14304

10. US EPA ID Number NY 0 0 8 0 5 3 6 2 4 1

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	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ, Waste, Environmentally Hazardous Substance, Liquid, 9, n.o.s., UN3082, PG III, Multi-Source Leachate, Fu39 (Benzene, Toluene, Xylene)	0 0 1	T T	0 5 6 2 5	G	EPA F039 STATE
b.					EPA STATE
c					EPA STATE
d.					EPA STATE

GENERATOR

J. Additional Descriptions for Materials listed Above
a. Water 99%, Toluene 0.00045%, Xylene 0.00113%, Benzene 0.00002%
b
c
d

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

15. Special Handling Instructions and Additional Information
Emergency Response Refer to ERG-171
Product Code: 12285-AAD
24-Hour Contact: (800) 677-8003
Work Order No.: 283049

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. HENSON - As Agent for PAS Site Participation Agreement Parties | Signature T. Henson | Mo. 07 | Day 05 | Year 00

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name [illegible] | Signature [illegible] | Mo. 07 | Day 05 | Year 00

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

FACILITY

19. Discrepancy Indication Space
Quantity received 23.57 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 Richard A DiCocco II | Signature Richard A DiCocco II | Mo. 07 | Day 05 | Year 00

COPY 5—Generator—Mailed by TSD Facility

NYG 1719288

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

(Hazardous Waste Manifest 1/5/99)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of	Information within heavy bold line is not required by Federal Law.
NY D0 00511 6539	00032	1	

3. Generator's Name and Mailing Address
PAS Oswego Site Participation Agreement Parties
c/o BBL Environmental Services, Inc. Attn: L.W. McBurney
6723 Towpath Road, P.O. Box 66, Syracuse, NY 13214-0066

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

A. NYG 1719288

B. Generator's ID Pollution Abatement Service Site, E. Seneca St., Oswego, NY 13126

5. Transporter 1 (Company Name)	6. US EPA ID Number
Buffalo Fuel Corp.	NY RO 00 05 724
7. Transporter 2 (Company Name)	8. US EPA ID Number

C. State Transporter's ID 9942JF(NY)
D. Transporter's Telephone (800) 677-8003
E. State Transporter's ID
F. Transporter's Telephone ( )

9. Designated Facility Name and Site Address	10. US EPA ID Number
CECOS International, Inc. 5600 Niagara Falls Boulevard Niagara Falls, NY 14304	NY D 008 03 362 41

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	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ, Waste, Environmentally Hazardous Substance, Liquid, 9, n.o.s., UN3082, PG III, Multi-Source Leachate, F039 (Benzene, Toluene, Xylene)	001	TT	05500	G	EPA F039 STATE
b.					EPA STATE
c					EPA STATE
d.					EPA STATE

J. Additional Descriptions for Materials listed Above
a. Water 39%, Toluene 0.00045%, Xylene 0.0011%, Benzene 0.000097%
c
b
d

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

15. Special Handling Instructions and Additional Information
Emergency Response Refer to ERG-171
Product Code: 12285-AAS
24-Hour Contact: (800) 677-8003
Work Order No.: 283050

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. HENSEN - As Agent for PAS Site Participation Agreement Parties
Signature T. Hen
Mo. 07 Day 05 Year 00

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Mo. Day Year

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

FACILITY

19. Discrepancy Indication Space
Quantity received 21.48 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 Richard A DiCocco II
Signature Richard A DiCocco II
Mo. 07 Day 05 Year 00

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

GENERATOR

COPY 5—Generator—Mailed by TSD Facility

NYG 1719297

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 1/5/89)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of	Information within heavy bold line is not required by Federal Law.
NYD 005 116 559	000 033	1	

3. Generator's Name and Mailing Address
PAS Oswego Site Participation Agreement Parties
C/O BBL Environmental Services, Inc. Attn: Lowell McBurney
6723 Towpath Road; P.O. Box 66 Syracuse, New York 13214-0066

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

A. NYG 1719297

B. Generator's ID Pollution Abatement, Services Site, E. Seneca St., Oswego, NY 13126

5. Transporter 1 (Company Name)	6. US EPA ID Number
Buffalo Fuel Corp.	NYR 000 045 724
7 Transporter 2 (Company Name)	8. US EPA ID Number

C. State Transporter's ID 394138 (NY)
D. Transporter's Telephone (800) 677-8003
E. State Transporter's ID
F. Transporter's Telephone ( )

9. Designated Facility Name and Site Address	10. US EPA ID Number
CECOS International, Inc. 5600 Niagara Falls Blvd. Niagara Falls, NY 14304	NYD 080 336 241

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	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ, Waste, Environmentally Hazardous Substance, Liquid, 9, n.o.s UN3082, PG III, Multi-Source Leachate, F039 (Benzene) Toluene Xylene)	001	TT	04745	G	EPA F039 STATE
b.					EPA STATE
c					EPA STATE
d.					EPA STATE

J. Additional Descriptions for Materials listed Above
a. Water 99%, Toluene 0.00045%, Xylene 0.0011%, Benzene 0.0000?%
b.
c.
d.

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

15. Special Handling Instructions and Additional Information
Emergency Response Refer to ERG-171
24 Hour Contact: (800) 677-8003

Product Code: 12285-AAU
Work Order No.: 28305

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	Signature	Mo.	Day	Year
T. HENSON As Agent for PAS Site Participation Agreement Parties	T. Henson	07	19	90

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Mo.	Day	Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Mo.	Day	Year

FACILITY

19. Discrepancy Indication Space
Quantity received 21.64 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	Signature	Mo.	Day	Year
Richard A DiCicco II	Richard A DiCicco II	07	19	90

GENERATOR

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

COPY 5—Generator—Mailed by TSD Facility

NYG 1719306

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) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: NY 0 0 0 0 5 1 1 6 5 9
Manifest Doc. No.: 0 0 0 3 5
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 BBL Environmental Services, Inc. Attn: Lowell McCurney
6723 Tompath Road, P.O. Box 66, Syracuse, NY 13214-0066
4. Generator's Telephone Number (315) 446-9120

A. NYG 1719306
B. Generator's ID: Pollution Abatement Services
Site, E. Seneca St., Oswego, NY 13126
C. State Transporter's ID: 772072 (NY)
D. Transporter's Telephone (609) 677-8003
E. State Transporter's ID:
F. Transporter's Telephone ( )
G. State Facility ID:
H. Facility Telephone (716) 282-2676

5. Transporter 1 (Company Name): Buffalo Fuel Corp.
6. US EPA ID Number: N Y R 0 0 0 0 4 5 7 2 4
7. Transporter 2 (Company Name):
8. US EPA ID Number:
9. Designated Facility Name and Site Address
CECOS International, Inc.
S600 Niagara Falls Blvd.
Niagara Falls, NY 14304
10. US EPA ID Number: N Y 0 0 8 0 3 3 6 2 4 1

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers Number	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ, Waste, Environmentally Hazardous Substance, Liquid, N.O.S. UN3082, PG III, Multi-Source Leachate, F039 (Benzene, Toluene, Xylene)	0 0 1	T T	05180		EPA F039 / STATE
b.					EPA / STATE
c					EPA / STATE
d.					EPA / STATE

J. Additional Descriptions for Materials listed Above
a. Water 99%, Toluene 0.00045%, Xylene 0.0011%, Benzene 0.00007%
b.
c.
d.

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

15. Special Handling Instructions and Additional Information
Emergency Response Refer to ERG-171
24-Hour Contact: (800) 677-8003
Product Code: 12285-AAB
Work Order No.: 283058 (R)

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.
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GENERATOR

Printed/Typed Name: [illegible] As Agent for PAS Site Participation Agreement Parties
Signature:
Mo. Day Year: 07 19 00

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: CHRIS HOLLAND
Signature:
Mo. Day Year: 07 19 00

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

FACILITY

19. Discrepancy Indication Space
Quantity received 2133 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: Richard A DiCesare II
Signature: Richard A DiCesare II
Mo. Day Year: 07 19 00

COPY 5—Generator—Mailed by TSD Facility

NYG 2448144

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

(Hazardous Waste Manifest 1/5/99)

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

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of	Information within heavy bold line is not required by Federal Law.
NYD0005116590	00001	1	

GENERATOR

3. Generator's Name and Mailing Address
PAS Oswego Site Participation Agreement Parties
c/o O'Brien & Gere Inc., of North America
5000 Brittonfield Parkway, E. Syracuse, NY 13057

4. Generator's Telephone Number ( )

A. NYG2448144

B. Generator's ID Pollution Abatement Service Site, E. Seneca St., Oswego, NY 131

5. Transporter 1 (Company Name): Buffalo Fuel Corp.
6. US EPA ID Number: NYR000045724
C. State Transporter's ID 862170-NY
D. Transporter's Telephone (800) 677.8003

7. Transporter 2 (Company Name)
8. US EPA ID Number
E. State Transporter's ID
F. Transporter's Telephone ( )

9. Designated Facility Name and Site Address
CECOS International, Inc.
5600 Niagara Falls Blvd.
Niagara Falls, NY 14304
10. US EPA ID Number: NYB080336241
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	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ, Waste, Environmentally Hazardous Substance, Liquid, 9, n.o.s., UN3082, PGIII, Multi Source Leachate, F039 (Benzene, Toluene, Xylene)	001	TT	5000	G	EPA F039 / STATE
b.					EPA / STATE
c.					EPA / STATE
d.					EPA / STATE

J. Additional Descriptions for Materials listed Above
Water 99%, Toluene 0.00045%
Xylene 0.0011%, Benzene 0.00007%

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

15. Special Handling Instructions and Additional Information
Emergency Response Refer to ERG-171
24-Hour Contact: (800) 677-8003
Product Code: 12451-AAB
Work Order No: 283102

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.
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Printed/Typed Name: Alan D. Lurie (Agent for PAS Site Participation Agreement Parties)
Signature: Alan D. Lurie
Month: 08 Day: 02 Year: 00

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: RANDALL WARD
Signature: Randall Ward
Month: 08 Day: 02 Year: 00

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

FACILITY

19. Discrepancy Indication Space
Quantity received 22.00 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: Richard A D'Ascenzo II
Signature: Richard A D'Ascenzo II
Month: 08 Day: 02 Year: 00

COPY for Generator Mailing TSD Facility

NYG 2448153

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

RECEIVED
AUG 07 2000

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) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of	Information within heavy bold line is not required by Federal Law.
NYD 0 0 0 5 1 1 6 5 9	0 0 0 0 2	1	

GENERATOR

3. Generator's Name and Mailing Address
PAS Oswego Site Participation Agreement Parties
c/o O'Brien and Gere Inc., of North America
5000 Brittonfield Parkway, E.Syracuse,NY 13057

4. Generator's Telephone Number ( )

A. NYG 2448153

B. Generator's ID Pollution Abatement Service Site,E.Seneca St.,Oswego, N

C. State Transporter's ID 13

D. Transporter's Telephone (800) 677.8003

E. State Transporter's ID

F. Transporter's Telephone ( )

G. State Facility ID

H. Facility Telephone (716) 282.2676

5. Transporter 1 (Company Name)	6. US EPA ID Number
Buffalo Fuel Corp.	NYR 0 0 0 0 4 5 7 2 4
7 Transporter 2 (Company Name)	8. US EPA ID Number

9. Designated Facility Name and Site Address	10. US EPA ID Number
CECOS International Inc. 5600 Niagara Falls Blvd. Niagara Falls, NY 14304	NYD 0 8 0 3 3 6 2 4 1

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers Number	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ,Waste,Environmentally Hazardous Substance, Liquid,9,n.o.s.,UN3082,PG III,Multi-Source Leachate,F039 (Benzene,Toluene,Xylene)	0 0 1	T T	5000	G	EPA F039 STATE
b.					EPA STATE
c					EPA STATE
d.					EPA STATE

J. Additional Descriptions for Materials listed Above
Water 99%,Toluene 0.00065%,
Xylene 0.0011%,Benzene 0.00007%

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

15. Special Handling Instructions and Additional Information
Emergency Response Refer to ERG-171
24-Hour Contact: (800) 677-8003
Product Code: XXXX-AAB
12451
Work Order NO:283103

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.
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Printed/Typed Name	Signature	Mo.	Day	Year
Adam B. Turner (As Agent for PAS Oswego Participation Agreement Parties)	Adam Brady Turner	0 8	0 2	0 0

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Mo.	Day	Year
Tom Gilbert		0 8	0 2	0 0

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Mo.	Day	Year

FACILITY

19. Discrepancy Indication Space
Quantity received 21.92 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	Signature	Mo.	Day	Year
Richard A DiCarlo II	Richard A DiCarlo II	0 8	0 2	0 0

NYG 2448171

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

(Hazardous Waste Manifest 1/5/99)

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

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of	Information within heavy bold line is not required by Federal Law.
NYD000511659	00003	1	

GENERATOR

3. Generator's Name and Mailing Address
PAS Oswego Site Participation Agreement Parties
c/o O'Brien & Gere Inc., of North America
5000 Brittonfield Parkway, E.Syracuse, NY 13057

4. Generator's Telephone Number ( )

A. NYG 2448171

B. Generator's ID Pollution Abatement Service Site, E.Seneca St., Oswego, N 131

C. State Transporter's ID 609265

D. Transporter's Telephone (800) 677.8003

E. State Transporter's ID

F. Transporter's Telephone ( )

G. State Facility ID

H. Facility Telephone (7716) 282.2676

5. Transporter 1 (Company Name): Buffalo Fuel Corp.
6. US EPA ID Number: NYR000045724

7. Transporter 2 (Company Name)
8. US EPA ID Number

9. Designated Facility Name and Site Address
CECOS International, Inc.
5600 Niagara Falls Blvd.
Niagara Falls, NY 14304

10. US EPA ID Number: NYD080336241

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers Number	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a RQ,Waste,Environmentally Hazardous Substance, Liquid,9,n.o.s.,UN3082, PG III,Multi-Source Leachate,F039 (Benzene, Toluene,Xylene)	001	TT	2424	G	EPA F039 / STATE
b					EPA / STATE
c					EPA / STATE
d.					EPA / STATE

J. Additional Descriptions for Materials listed Above
Water 99%,Toluene 0.00045%,
Xylene 0.0011%,Benzene 0.00007%

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

15. Special Handling Instructions and Additional Information
Emergency Response Refer to ERG-171
24 Hour Contact: (800) 677.8003
Product Code: 12451-AAB
Work Order No: 283104

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.
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Printed/Typed Name	Signature	Mo.	Day	Year
Alvin P. Turner (As Agent for PAS Site Participation Agreement Parties)	Alvin P. Turner	08	02	00

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Mo.	Day	Year
CHRIS HAWARD	CH Haward	08	02	00

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Mo.	Day	Year

FACILITY

19. Discrepancy Indication Space
Quant.ty received 10.80 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	Signature	Mo.	Day	Year
Richard A DiCicco II	Richard A DiCicco II	08	02	00

NYG 2448162

Please type or print. Do not staple

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 1/5/88)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of	Information within heavy bold line is not required by Federal Law.
NYD005116590	00004	1	

3. Generator's Name and Mailing Address
PAS Oswego Site Participation Agreement Parties
c/o O'Brien and Gere Inc., of North America
5000 Brittonfield Parkway, E.Syracuse,NY 13057

4. Generator's Telephone Number ( )

A. NYG 2448162

8. Generator's ID Pollution Abatement Service Stn,E.Seneca St., Oswego, N 131

5. Transporter 1 (Company Name): Buffalo Fuel Corp.
6. US EPA ID Number: NYR000045724
C. State Transporter's ID 831704 NY
D. Transporter's Telephone (800 677.8003

7. Transporter 2 (Company Name)
8. US EPA ID Number
E. State Transporter's ID
F. Transporter's Telephone ( )

9. Designated Facility Name and Site Address
CECOS International, Inc.
5600 Niagara Falls Blvd
Niagara Falls, NY 14304
10. US EPA ID Number: NYD066033624 1
G. State Facility ID
H. Facility Telephone (800) 282.2676

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers Number	Type	13. Total Quantity	14. Unit Wt/Val	I. Waste No.
a. RQ,Waste,Environmentally Hazardous substance, Liquid,9,n.o.s.,UN3082, PG III, Multi-source Leachate, F039 (Benzene, Toluene, Xylene)	001	TT	cnt. 5290 ~~5500~~ ABT	G	EPA F039 STATE
b.					EPA STATE
c					EPA STATE
d.					EPA STATE

J. Additional Descriptions for Materials listed Above
Water,99%, Toluene 0.00045%, Xylene 0.0011%, Benzene 0.000007%

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

15. Special Handling Instructions and Additional Information
Emergency Response Refer to ERG-171
24 Hour Contact: (800) 677.8003
Product Code: 12451 AAB
Work Order No: ~~20305~~ ~~20233~~

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.
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GENERATOR

Printed/Typed Name	Signature	Mo.	Day	Year
Richard Turbide Agent for PAS Site Participation Agreement Parties)		08	16	00

17. Transporter 1 Acknowledgement of Receipt of Materials

TRANSPORTER

Printed/Typed Name	Signature	Mo.	Day	Year
E Wilson	E Wilson	08	16	00

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Mo.	Day	Year

19. Discrepancy Indication Space
Quantity received 2480 tons

FACILITY

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Mo.	Day	Year
Michael J. Carlson		08	16	00

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

NYG 2448189

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

(Hazardous Waste Manifest 1/5/99)

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

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: NYD000511659
Manifest Doc. No.: 00005
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 O'Brien and Gere Inc., of North America
5000 Brittonfield Parkway, E.Syracuse, NY 13057

4. Generator's Telephone Number ( )

A. NYG 2448189

B. Generator's ID Pollution Abatement Service Site, E.Seneca St., Oswego, NY 131

5. Transporter 1 (Company Name): Buffalo Fuel Corp.
6. US EPA ID Number: NYR000045724

C. State Transporter's ID 9423F NY
D. Transporter's Telephone (800) 677.8003

7. Transporter 2 (Company Name)
8. US EPA ID Number

E. State Transporter's ID
F. Transporter's Telephone ( )

9. Designated Facility Name and Site Address:
CECOS International, Inc.
5600 Niagara Falls Blvd
Niagara Falls, NY 14304

10. US EPA ID Number: NYD080336241

G. State Facility ID
H. Facility Telephone (800) 282.2676

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers Number	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ,Waste,Environmentally Hazardous Substance, Liquid, 9, n.o.s., UN3082, PG III, Multi-source Leachate, F039 (Benzene, Toluene, Xylene)	001	TT	5180	G	EPA F039 / STATE
b.					EPA / STATE
c.					EPA / STATE
d.					EPA / STATE

J. Additional Descriptions for Materials listed Above
a. Water 99%, Toluene 0.00045%, Xylene 0.0011%, Benzene 0.00007%
b.
c.
d.

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

15. Special Handling Instructions and Additional Information
Emergency Response Refer to ERG-171
24 Hour Contact: (800) 677.8003
Product Code: 12451-AAB
Work Order No: ~~[illegible]~~ 28234 233234 (NYS)

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.
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Printed/Typed Name: Adam B. Turner - As Agent for PAS Site Participation Agreement Parties)
Signature: [signature]
Mo. 08 Day 16 Year 00

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: CHRIS HOWARD
Signature: Chris Howard
Mo. 08 Day 16 Year 00

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

19. Discrepancy Indication Space
Quantity received 21.95 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: Richard A DiCiocco II
Signature: [signature]
Mo. 08 Day 16 Year 00

COPY 5—Generator—Mailed by TSD Facility

NYG2285865

DIVISION OF SOLID & HAZARDOUS MATERIALS

HAZARDOUS WASTE MANIFEST

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

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) 457-7362

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N Y D 0 0 0 5 1 1 6 5 9
Manifest Doc. No.: 8 5 8 6 5
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 c/o BB&L
155 Corporate Woods; Suite 150
Rochester NY 14263

4. Generator's Telephone Number: (716) 292-6740

A. NYG2285865

B. Generator's ID: East Seneca St. Oswego, NY 14314

5. Transporter 1 (Company Name): Freehold Cartage, Inc.
6. US EPA ID Number: N J D 0 5 4 1 2 6 1 6 4

C. State Transporter's ID: 0443419 (Maine)

D. Transporter's Telephone: (732) 462-1001

7. Transporter 2 (Company Name):
8. US EPA ID Number:

E. State Transporter's ID:

F. Transporter's Telephone: ( )

9. Designated Facility Name and Site Address:
CWM Chemical Services, LLC
1550 Balmer Road
Model City NY 14107

10. US EPA ID Number: N Y D 0 4 9 8 3 6 6 7 9

G. State Facility ID:

H. Facility Telephone: (716) 754-8231

GENERATOR

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers Number	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ Hazardous waste, solid, n.o.s. (F039) 9, NA3077, III	002	DM	00300	P	EPA F039 / STATE
b.					EPA / STATE
c.					EPA / STATE
d.					EPA / STATE

J. Additional Descriptions for Materials listed Above
a. (3) c.
b. d.

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

15. Special Handling Instructions and Additional Information
NYNY113
WTS#BB7627 WO# 564291 81632611
Emer. Contact: DOUG RUSZCZYK 716-292-6740 X31
a.CP0936 ERG# 171

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. THENSON AS AGENT FOR PAS SITE PARTICIPATION AGREEMENT PARTIES: THENSON
Signature: T. Thenson
Mo. Day Year: 08 29 00

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: JAMES F KURR
Signature: [signature] (2)
Mo. Day Year: 08 29 00

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

FACILITY

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: Jennifer Pierce
Signature: Jennifer Pierce
Mo. Day Year: 08 31 00

COPY 1—Disposer State—Mailed by TSD Facility

NYG 2448216

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

(Hazardous Waste Manifest 1/5/99)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of	Information within heavy bold line is not required by Federal Law.
NYD005116559	006	1	

3. Generator's Name and Mailing Address
PAS Oswego Site Participation Agreement Parties
c/o O'Brien & Gere Inc., of North America
5000 Brittonfield Parkway, E. Syracuse, NY 13057
4. Generator's Telephone Number ( )

A. NYG 2448216
B. Generator's ID Pollution Abatement Service Site, E. Seneca St. Oswego,
C. State Transporter's ID ~~80~~ 83170VNY
D. Transporter's Telephone (800) 677-8003
E. State Transporter's ID
F. Transporter's Telephone ( )
G. State Facility ID
H. Facility Telephone (7 . .) 282-2676

5. Transporter 1 (Company Name): Buffalo Fuel Corp
6. US EPA ID Number: NYR000053224
7. Transporter 2 (Company Name):
8. US EPA ID Number:
9. Designated Facility Name and Site Address: CECOS International, Inc. 5600 Niagara Falls Blvd. Niagara Falls, NY 14304
10. US EPA ID Number: NYD080336241

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers Number	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ, Waste, Environmentally Hazardous Substance, Liquid, 9, n.o.s., UN3082, PG III, Multi-source Leachate, F039 (Benzene, Toluene, Xylene)	001	TT	5150 ~~5000~~	G	EPA F039 / STATE
b.					EPA / STATE
c					EPA / STATE
d.					EPA / STATE

J Additional Descriptions for Materials listed Above
Water 99%, Toluene 0.00045%
a Xylene 0.0011%, Benzene 0.00007%
b
d

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

15. Special Handling Instructions and Additional Information
Emergency Response Refer to ERG-171
24 Hour Contact: (800) 677-8003
Product Code: 12451-AAB
Work Order No: 283336

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: Adam Turner (As agent for PAS site Participation Agreement Parties) Signature: Adam Turner Mo. 09 Day 16 Year 00

TRANSPORTER

17 Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Timothy J Fuele Signature: Timothy J Fuele Mo. 09 Day 06 Year 00

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

FACILITY

19. Discrepancy Indication Space
Quantity received 21.72 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: Richard A DiCerbo II Signature: Richard A DiCerbo II Mo. 09 Day 06 Year 00

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

GENERATOR

NYG 2448225

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) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of	Information within heavy bold line is not required by Federal Law.
NYD005116559	007	1	

GENERATOR

3. Generator's Name and Mailing Address
PAS Oswego Site Participation Agreement Parties
c/o O'Brien & Gere Inc., of North America
5000 Brittonfield Parkway, E. Syracuse, NY 13057

4. Generator's Telephone Number ( )

A. NYG 2448225

B. Generator's ID Pollution AbatementSe rvic
Site, E. Seneca St., Oswego, NY 131

5. Transporter 1 (Company Name)	6. US EPA ID Number
Buffalo Fuel Corp	NYR000045724

C. State Transporter's ID 99423FNY

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

7 Transporter 2 (Company Name)	8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Telephone ( )

9. Designated Facility Name and Site Address	10. US EPA ID Number
CECOS International, Inc. 5600 Niagara Falls Blvd. Niagara Falls, NY 14304	NYD980336241

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	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ, Waste, Environmentally Hazardous Substance, Liquid, 9, n.o.s., UN3082, PG III, Multi-source Leachate, F039 (Benzene, Toluene, Xylene)	001	TT	5220	G	EPA F039 STATE
b					EPA STATE
c					EPA STATE
d.					EPA STATE

J. Additional Descriptions for Materials listed Above
Water 99%, Toluene 0.00045%
a Xylene 0.0011%, Benzene 0.0007%c
b d

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

15. Special Handling Instructions and Additional Information
Emergency Response Refer to ERG-171
24 Hour Contact: (800) 677-8003
Product Code: 12451-AAB
Work Order No: 283337

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.
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Printed/Typed Name	Signature	Mo.	Day	Year
Adam Turner (As agent for PAS site Participation Agreement Parties)	Adam Turner	09	06	00

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Mo.	Day	Year
[illegible]	[illegible]	09	06	00

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Mo.	Day	Year

FACILITY

19. Discrepancy Indication Space
Quantity received 21.77 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	Signature	Mo.	Day	Year
Richard A D'Ciccio II	Richard A D'Ciccio II	09	06	00

COPY 5—Generator—Mailed by TSD Facility

NYG 2448234

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

(Hazardous Waste Manifest 1/5/99)

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of	Information within heavy bold line is not required by Federal Law.
	NYD005116599	008	1	

3. Generator's Name and Mailing Address
PAS Oswego Site Participation Agreement Parties
c/o O'Brien & Gere Inc., of North America
5000 Brittonfield PArkway, E. Syracuse, NY 13057

4. Generator's Telephone Number ( )

A. NYG 2448234

B. Generator's ID Pollution Abatement Servic. Site, E. Seneca St. Oswego, NY 3126

5. Transporter 1 (Company Name)	6. US EPA ID Number
Buffalo Fuel Corp	NYR000045724
7. Transporter 2 (Company Name)	8. US EPA ID Number

C. State Transporter's ID 83170V NY
D. Transporter's Telephone (800) 677-8003
E. State Transporter's ID
F. Transporter's Telephone ( )

9. Designated Facility Name and Site Address	10. US EPA ID Number
CECOS International, Inc. 5600 Niagara Falls Blvd. Niagara Falls, NY 14304	NYD080336241

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	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No
a. RQ, Waste, Environmentally Hazardous Substance, Liquid, 9, n.o.s., UN3082, PG III, Multi-source Leachate, F039 (Benzene, Toluene, Xylene)	001	TT	est. 4900	G	EPA F039 STATE
b.					EPA STATE
c					EPA STATE
d.					EPA STATE

J. Additional Descriptions for Materials listed Above
Water 99 %, Toluene 0.00045%
aXylene 0.0011%, Benzene 0.00007%

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

15. Special Handling Instructions and Additional Information
Emergency Response Refer to ERG-171
24 Hour Contact: (800) 677-8003
Product Code: 12451-AAB
Work Order No: 283561

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
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Printed/Typed Name	Signature	Mo.	Day	Year
Adam Turner (As agent for PAS site Participation Agreement PArties)	Adam Turner	09	20	00

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Mo.	Day	Year
Randall WARD	Randall Ward	09	20	00

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Mo.	Day	Year

FACILITY

19. Discrepancy Indication Space
Quantity received 20.24 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	Signature	Mo.	Day	Year
Richard A. DiCiorra II	Richard A DiCiorra II	09	20	00

GENERATOR

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

COPY 5—Generator—Mailed by TSD Facility

NYG 2448198

Please type or print. Do not staple

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)

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

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: NYD000511659
Manifest Doc. No.: 009
2. Page 1 of 1

Information within heavy bold line is not required by Federal Law.

A. NYG 2448198

3. Generator's Name and Mailing Address
PAS Oswego Site Participation Agreement Parties
c/o O'Brien & Gere Inc., of North America
5000 Brittonfield Parkway, E. Syracuse, NY 13057

4. Generator's Telephone Number ( )

B. Generator's ID Pollution Abatement Servic[e]
Site, E. Seneca St. Oswego, NY 13126

GENERATOR

5. Transporter 1 (Company Name): Buffalo Fuel Corp
6. US EPA ID Number: NYR000045724
C. State Transporter's ID: 9942 3F NY
D. Transporter's Telephone (800) 677-8003

7. Transporter 2 (Company Name):
8. US EPA ID Number:
E. State Transporter's ID:
F. Transporter's Telephone ( )

9. Designated Facility Name and Site Address
CECOS International, Inc.
5600 Niagara Falls Blvd.
Niagara Falls, NY 14303

10. US EPA ID Number: NYD080336241

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	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ, Waste, Environmentally Hazardous Substance, Liquid, 9, n.o.s., UN3082, PG 111, Multi-source Leachate, F039 (Benzene, Toluene, Xylene)	001	TT	est. 5200 ~~4???~~	G	EPA F039 / STATE
b.					EPA / STATE
c.					EPA / STATE
d.					EPA / STATE

J. Additional Descriptions for Materials listed Above
a. Water 99%, Toluene 0.00045%
Xylene 0.0011%, Benzene 0.000007%
b.
c.
d.

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

15. Special Handling Instructions and Additional Information
Emergency Response Refer to ERG-171
24 Hour Contact (800) 677-8003
Product Code: 12451-AAB
Work Order No: 283562

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.
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Printed/Typed Name: Adam Turner (as agent for PAS Site Participation Agreement Parties)
Signature: Adam B [signature]
Mo. 09 Day 20 Year 00

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: John Giesler
Signature: [signature]
Mo. 09 Day 20 Year 00

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

FACILITY

19. Discrepancy Indication Space
Quantity received 21.43 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: Richard A DiCiocco II
Signature: [signature] II
Mo. 09 Day 20 Year 00

COPY 5—Generator—Mailed by TSD Facility

ATTACHMENT 4

08/02/88 15:21 ... 01/02 NO.339

CECOS

No: 001803

Date : 08-02-88 Time In: 13:38:43 Time Out: 15:24:58
Ticket # : A42838 CMS # : 0000042 LMS #: 0000100
Customer : SEE GENERATOR
Vehicle # : 000230 Lic Plate:
CECOS
Manifest # : PO #: Transporter: HAZ
Source Cd : Generator : CNY CECOS OF NEW YORK
Comment : BFC Operator: JOHN KIBLIN
Scale In # : 1 Scale Out #: 1
Gross Wt : 38.28 Tare Wt: 16.28 Net Wt: 22.00 t

Item	Descr	Bill Qty	$/Unit	Extended
SPC	SPC	22.00 t		

School is out-Summer is here!!

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

Post-it™ brand fax transmittal memo 7671 | # of pages ▸ 2

To Rick O'shea	From Rich DiCioccio
Co. O'Brien & Turner	Co. CECOS
Dept.	Phone # (315) 282-2676
Fax # (315) 463-7440	Fax # (315) 282-6073

(W.O. 283102)

SIGNATURE: x [signature]

CECOS

No.: 001805

Date : 08-02-88 Time In: 14:28:35 Time Out: 15:46:39
Ticket # : A42844 CMS # : 0000042 LMS #: 0000100
Customer : SEE GENERATOR
Vehicle # : 000454 Lic Plate:
CECOS
Manifest # : PO #: Transporter: BFC
Source Cd : Generator : CNY CECOS OF NEW YORK
Comment : BUFFALO FUEL Operator: JOHN KIBLIN
Scale In # : 1 Scale Out #: 1
Gross Wt : 37.23 Tare Wt: 15.31 Net Wt: 21.92 t

Item	Descr	Bill Qty	$/Unit	Extended
SPC	SPC	21.92 t		

School is out-Summer is here!!

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

(W.O. 283103)

SIGNATURE x [signature]

CECOS No.: 001806

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

te : 08-02-88 Time In: ~~16:09:07~~ 14:51:20 Time Out: 16:03:48
cket # : 042875 CMS # : 0000042 LMS #: 0000108
stomer : SEE GENERATOR
hicle # : 006889 Lic Plate:
COS
nifest # : PO #: Transporter: S
urce Cd : Generator : CNY CECOS OF NEW YORK
ment : RFC Operator: JOHN KIBLIN
ale In # : Manual Scale Out #: 1
oss Wt : 29.53 Tare Wt: 18.73 Net Wt: 10.80 t

em	Descr	Bill Qty	$/Unit	Extended
C	SPC	10.80 t		

School is out-Summer is here!!

(W.O. # 283104)

SIGNATURE:

08/16/00 14:45 [illegible] :001/001 NO:749

CECOS No.: 001849

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

Date : 08-16-00 Time In: 13:48:17 Time Out: 14:47:53
Ticket # : A44554 CMS # : 0000042 LMS #: 0000100
Customer : SEE GENERATOR
Vehicle # : 000461 Lic Plate:
CECOS
Manifest # : PO #: Transporter: BFC
Source Cd :
Comment : BUFFALO FUEL Operator: AL SMITH
Scale In # : 1 Scale Out #: 1
Gross Wt : 37.34 Tare Wt: 15.54 Net Wt: 21.80 t

Item	Descr	Bill Qty	$/Unit	Extended
SPC	SPC	21.80 t		

School is out-Summer is here!!

Post-it™ brand fax transmittal memo 7671 | # of pages ▸ 1

To Rick O'Shea	From Rich DiCiccio
Co. O'Brien & Gere	Co. CECOS
Dept.	Phone # (716) 282-2676
Fax # (315) 463-7440	Fax # (716) 282-6073

(W.O.# 283233)

SIGNATURE X [signature]

CECOS No.: 001846

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

Date : 08-16-00 Time In: 14:25:13 Time Out: 15:30:32
Ticket # : A44570 CMS # : 0000042 LMS #: 0000100
Customer : SEE GENERATOR
Vehicle # : 006889 Lic Plate:
CECOS
Manifest # : PO #: Transporter: S
Source Cd : Generator : CNY CECOS OF NEW YORK
Comment : BFC Operator: AL SMITH
Scale In # : 1 Scale Out #: 1
Gross Wt : 48.99 Tare Wt: 19.04 Net Wt: 21.95 t

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

School is out-Summer is here!!

(W.O.# 283234)

X [signature]

09/06/00 15:10 :01/01 NO:025

CECOS No.: 001914

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

Date : 09-06-00 Time In: 13:48:56 Time Out: 15:48:43
Ticket # : A46927 CMS # : 0000042 LMS #: 0000100
Customer : SEE GENERATOR
Vehicle # : 000451 Lic Plate:
CECOS
Manifest # : PO #: Transporter: BFC
Source Cd :
Comment : BUFFALO FUEL Operator: AL SMITH
Scale In # : 1 Scale Out #: 1
Gross Wt : 36.93 Tare Wt: 15.21 Net Wt: 21.72 t

Item	Descr	Bill Qty	$/Unit	Extended
SPC	SPC	21.72 t		

Caution-School is in session!!

Post-it™ brand fax transmittal memo 7671 | # of pages > 1

To Rick O'Shea	From Rich DiCioccio
Co. O'Brien & Gere	Co. CECOS
Dept.	Phone # (716) 282-2676
Fax # (315) 463-7440	Fax # (716) 282-6073

(W.O.# 283336)

SIGNATURE:

CECOS No.: 001915

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

Date : 09-06-00 Time In: 14:51:17 Time Out: 16:08:23
Ticket # : A46940 CMS # : 0000042 LMS #: 0000100
Customer : SEE GENERATOR
Vehicle # : 000454 Lic Plate:
CECOS
Manifest # : PO #: Transporter: BFC
Source Cd : Generator : CHY CECOS OF NEW YORK
Comment : BUFFALO FUEL Operator: AL SMITH
Scale In # : 1 Scale Out #: 1
Gross Wt : 40.27 Tare Wt: 18.50 Net Wt: 21.77 t

Item	Descr	Bill Qty	$/Unit	Extended
SPC	SPC	21.77 t		

Caution-School is in session!!

(W.O. 283337)

SIGNATURE:

09/20/00 14:38 :01/01 NO:192

CECOS No.: 001968

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

Post-It™ brand fax transmittal memo 7671 | # of pages ▸ 1

To Rick O'Shea	From Rick DiCiccio
Co. O'Brien & Gere	Co. CECOS
Dept.	Phone # (716) 282-2676
Fax # (315) 463-7440	Fax # (716) 282-6073

Date : 09-20-00 Time In: 12:51:46 Time Out: 14:12:23
Ticket # : 048597 CMS # : 0000042 LMS #: 0000100
Customer : SEE GENERATOR
Vehicle # : 541857 Lic Plate:
CECOS
Manifest # : PO #: Transporter: BFC
Source Cd :
Comment : BUFFALO FUEL Operator: AL SMITH
Scale In # : 1 Scale Out #: 1
Gross Wt : 35.65 Tare Wt: 15.41 Net Wt: 20.24 t

Item	Descr	Bill Qty	$/Unit	Extended
SPC	SPC	20.24 t		

Caution-School is in session!!

(W.O.# 283561)

SIGNATURE: X Randall Ward

CECOS No.: 001969

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

Date : 09-20-00 Time In: 14:31:47 Time Out: 15:32:56
Ticket # : 048620 CMS # : 0000042 LMS #: 0000100
Customer : SEE GENERATOR
Vehicle # : 000454 Lic Plate:
CECOS
Manifest # : PO #: Transporter: BFC
Source Cd : Generator : CNY CECOS OF NEW YORK
Comment : BUFFALO FUEL Operator: AL SMITH
Scale In # : 1 Scale Out #: 1
Gross Wt : 39.61 Tare Wt: 18.18 Net Wt: 21.43 t

Item	Descr	Bill Qty	$/Unit	Extended
SPC	SPC	21.43 t		

Caution-School is in session!!

(W.O. 283562)

SIGNATURE: X

JAN-MARCH 2000 JMS 4/10/00 Read

de maximis, inc.

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

First Class Mail

April 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
20th 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 April 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 January 2000 through March 2000, 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

4/10/0

ACTION ITEMS FOR FOLLOWING QUARTER (APR - JUN 2000):

- Leachate removal activities will be performed in April, May and June 2000 in accordance with the OMMP. Table 1 provides a schedule for operation and monitoring activities for the period April through June 2000. (In addition, the tentative schedule for operation and monitoring activities for the period July through September 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. Vertical gradients in the vicinity of leachate collection well LCW-4 will be calculated based on the next quarterly groundwater elevation measurements scheduled for May 1, 2000. Leachate removal activities at LCW-4 will be resumed in May if the calculated upward vertical gradient for Lcw-4 area is determined to be less than 1.5 feet per foot.

- BBLES will perform routine maintenance activities including mowing the vegetated cap, 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 January 3 and 17, February 7 and 21, and March 6 and 20, 2000 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.

January 2000

Manifest #	Amount (gal)	Date Removed
NYG1655712	5,631	1/5/00
NYG1655721	5,657	1/5/00
NYG1655739	4,418	1/5/00

January 2000 Total = 15,706 gallons

February 2000

Manifest #	Amount (gal)	Date Removed
NYG1719063	5,214	2/9/00
NYG1719072	4,473	2/9/00

February 2000 Total = 9,687 gallons

March 2000

Manifest #	Amount (gal)	Date Removed
NYG1719081	5,242	3/8/00
NYG1719108	3,685	3/8/00

March 2000 Total = 8,927 gallons

- **CUMULATIVE REMOVAL QUANTITIES**

Cumulative gallons removed during quarter under OMMP (January thru March 2000) — 34,320 gal

HISTORICAL SUMMARY OF LEACHATE REMOVAL ACTIVITIES

Order/Decree	*Disposal Facility/Period*	*Quantities*
1991 IGR Order (2/92 - 10/94)	***Dupont:***	
	1992 (2/98 -12/98)	221,808
	1993	337,619
	1994 (1/94-10/94)	254,898
	Subtotal	814,325
1994 IGR Order (10/94 - 10/98)	*DuPont:*	
	1994 (From 10/94)	50,683
	1995	279,164
	1996 (To 5/96)	119,901
	Subtotal (To 5/96)	449,748
	BFI/CECOS:	
	1996	163,446
	1997	269,371
	1998 (1/98-10/98	207,541
	Subtotal	640,358
	94 IGR Order Total	1,090,106
Final IGR Total		**1,904,431**
OMM Consent Decree (Beginning 11/98)	*BFI/CECOS:*	
	1998 (11/98-12/98)	18,423
	1999	177,710
	2000 (1/00 - 3/00)	34,320
	OMM Subtotal	**230,453**
GRAND TOTAL		**2,134,884**

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.

January 2000

BFI/CECOS Work Order Number	Manifest #	Date Disposed
282637	NYG1655712	1/5/00
282781	NYG1655721	1/5/00
282782	NYG1655739	1/5/00

February 2000

BFI/CECOS Work Order Number	Manifest #	Date Disposed
282821	NYG1719063	2/9/00
282822	NYG1719072	2/9/00

March 2000

BFI/CECOS Work Order Number	Manifest #	Date Disposed
282854	NYG1719081	3/8/00
282855	NYG1719108	3/8/00

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												
	Apr 2000 Removal Events		May 2000 Removal Events		Jun 2000 Removal Events		Jul 2000 Removal Events		Aug 2000 Removal Events		Sep 2000 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	Apr 3	Apr 17	May 1	May 15	Jun 5	Jun 19	Jul 3	Jul 17	Jul 31	Aug 14	Sep 5	Sep 18
Semi-Annual Monitoring			May 1									
Leachate Removal Schedule	Apr 5	Apr 19	May 3	May 17	Jun 7	Jun 21	Jul 5	Jul 19	Aug 2	Aug 16	Sep 6	Sep 20

Notes:

1. 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.
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.

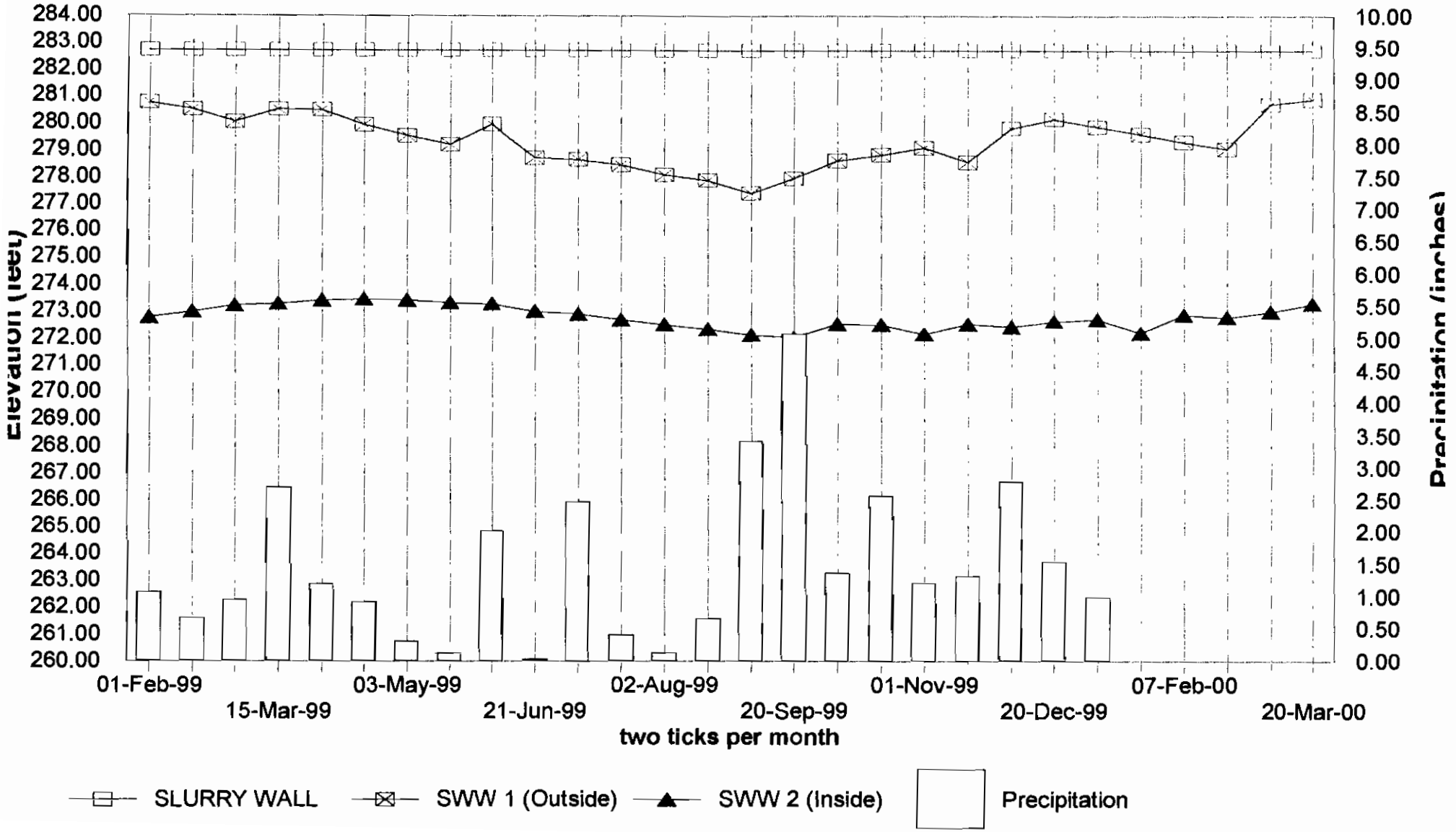
Attachment 1

BBL ENVIRONMENTAL SERVICES, INC.

Ground-Water Elevation Data

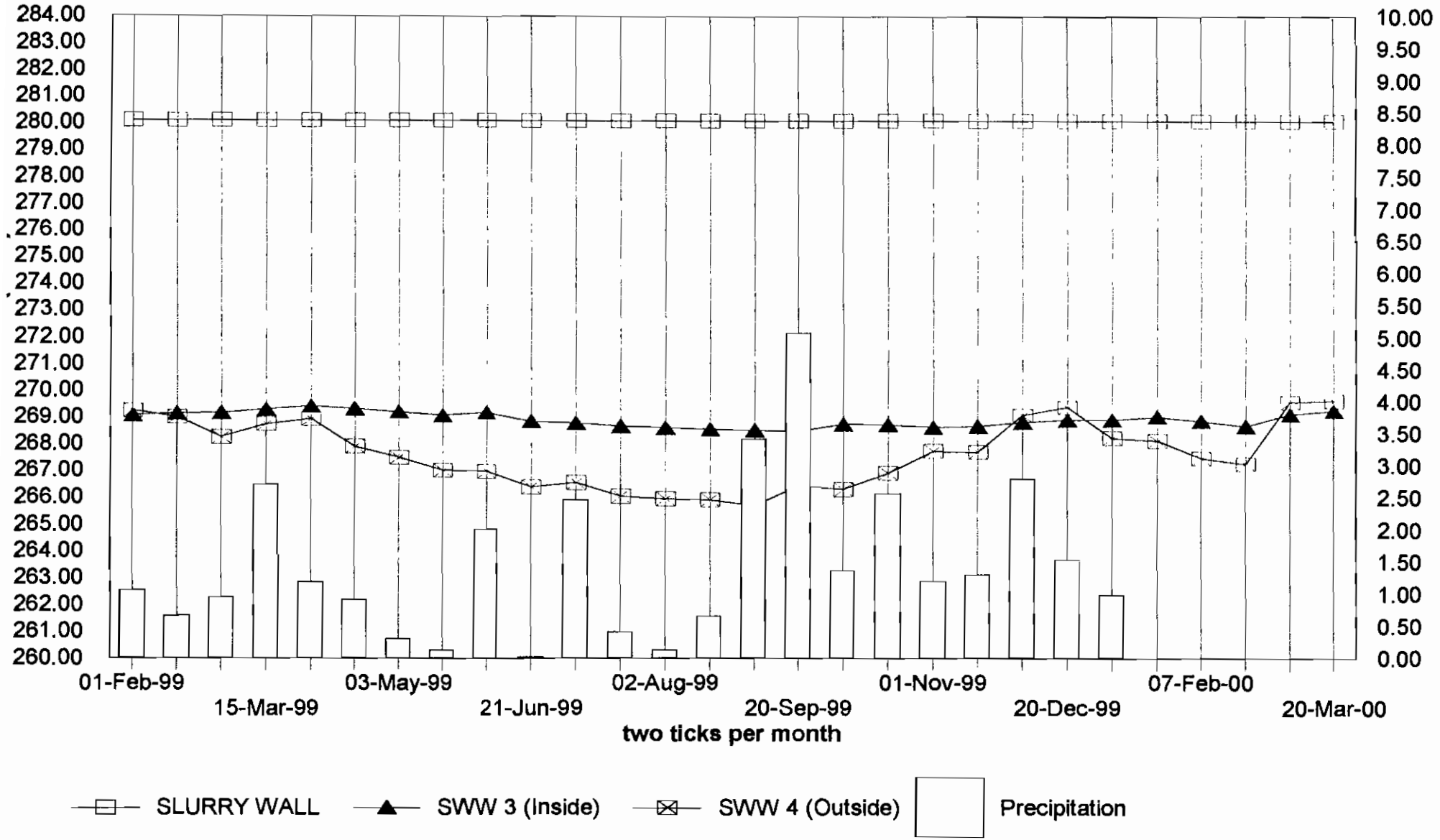
PAS - OSWEGO

GROUNDWATER ELEVATIONS (SWW1 & SWW2)



PAS - OSWEGO

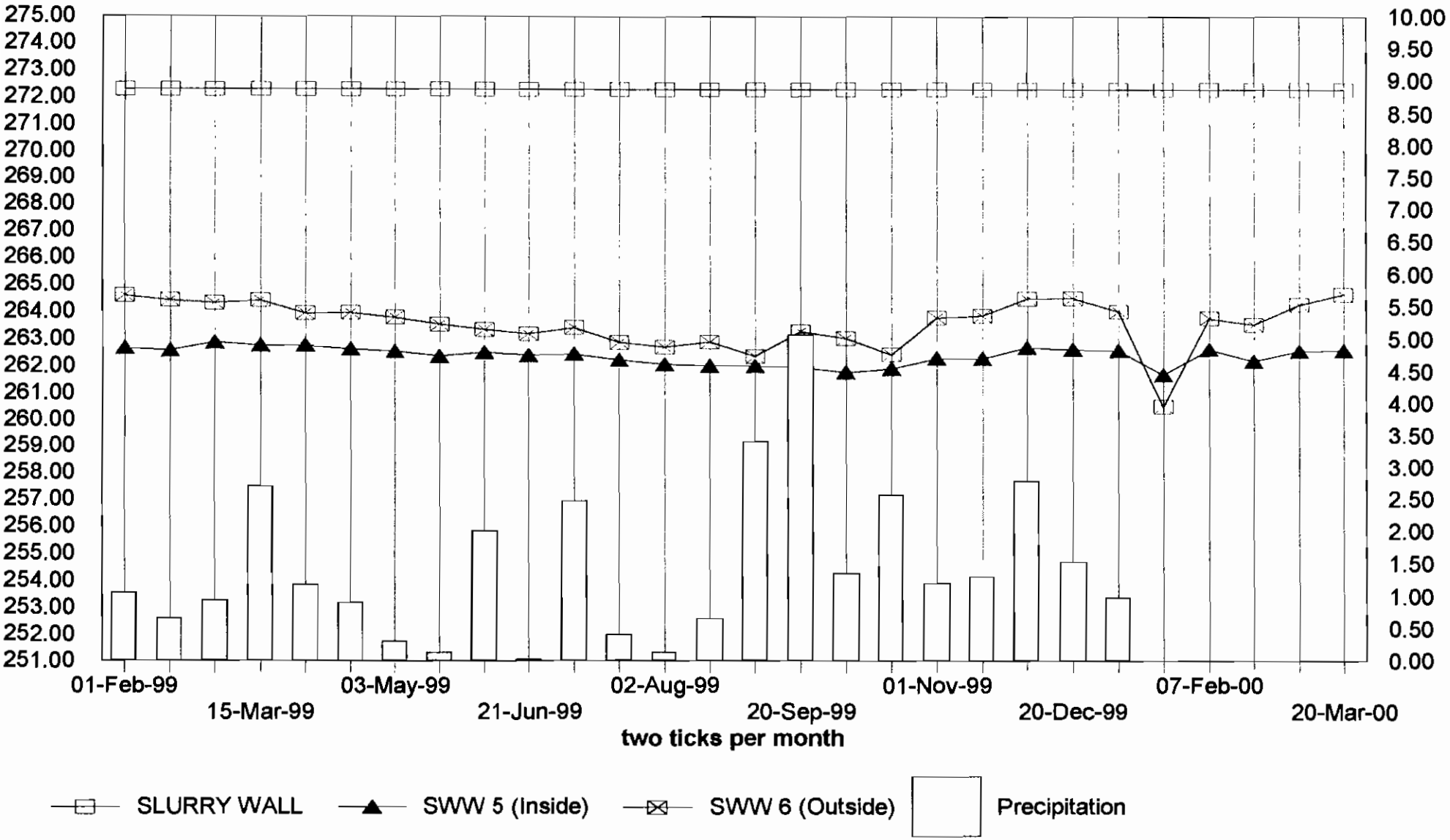
GROUNDWATER ELEVATIONS (SWW3 & SWW4)



de maximis - 3/28/00

PAS - OSWEGO

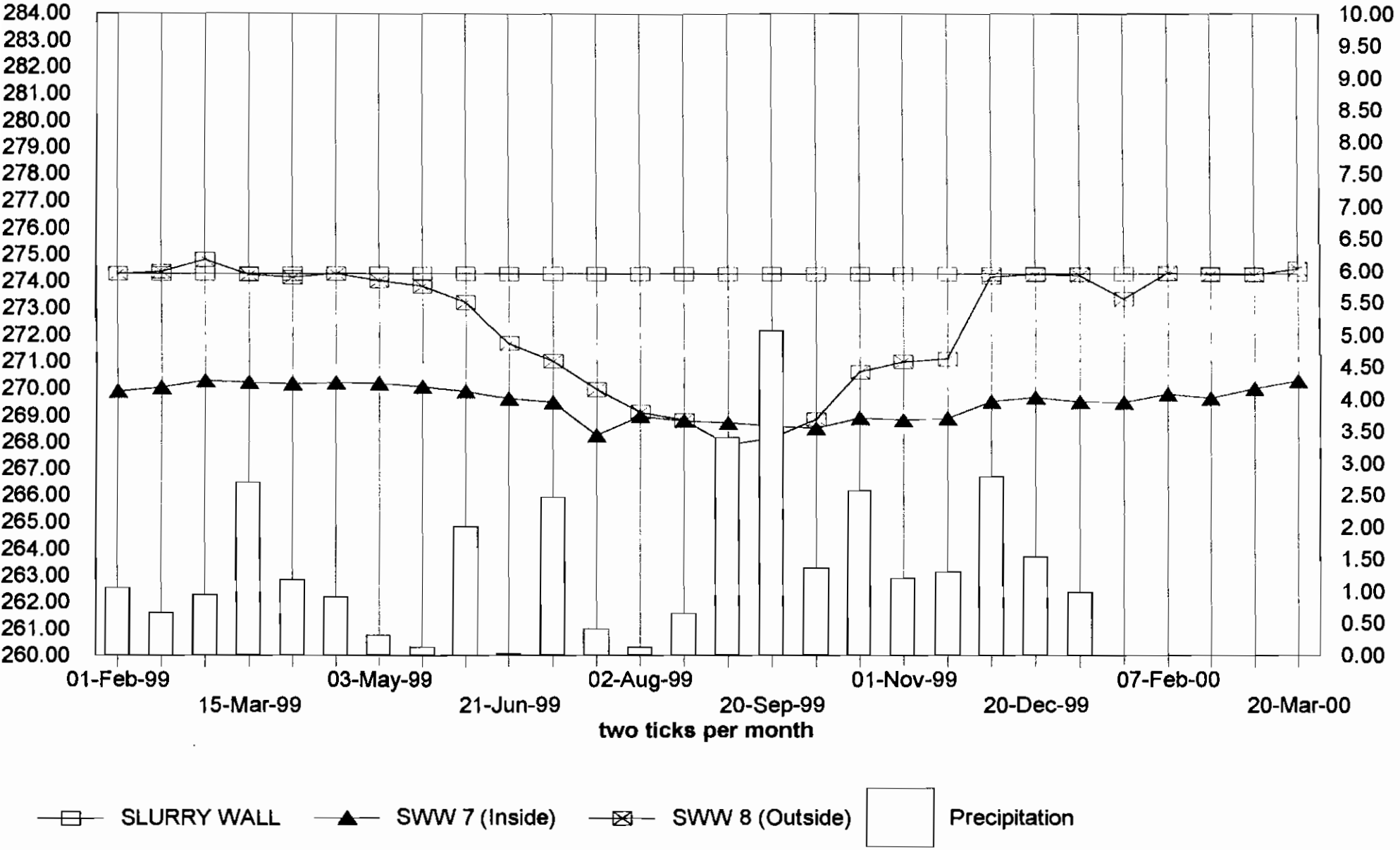
GROUNDWATER ELEVATIONS (SWW5 & SWW6)



de maximis - 3/28/00

PAS - OSWEGO

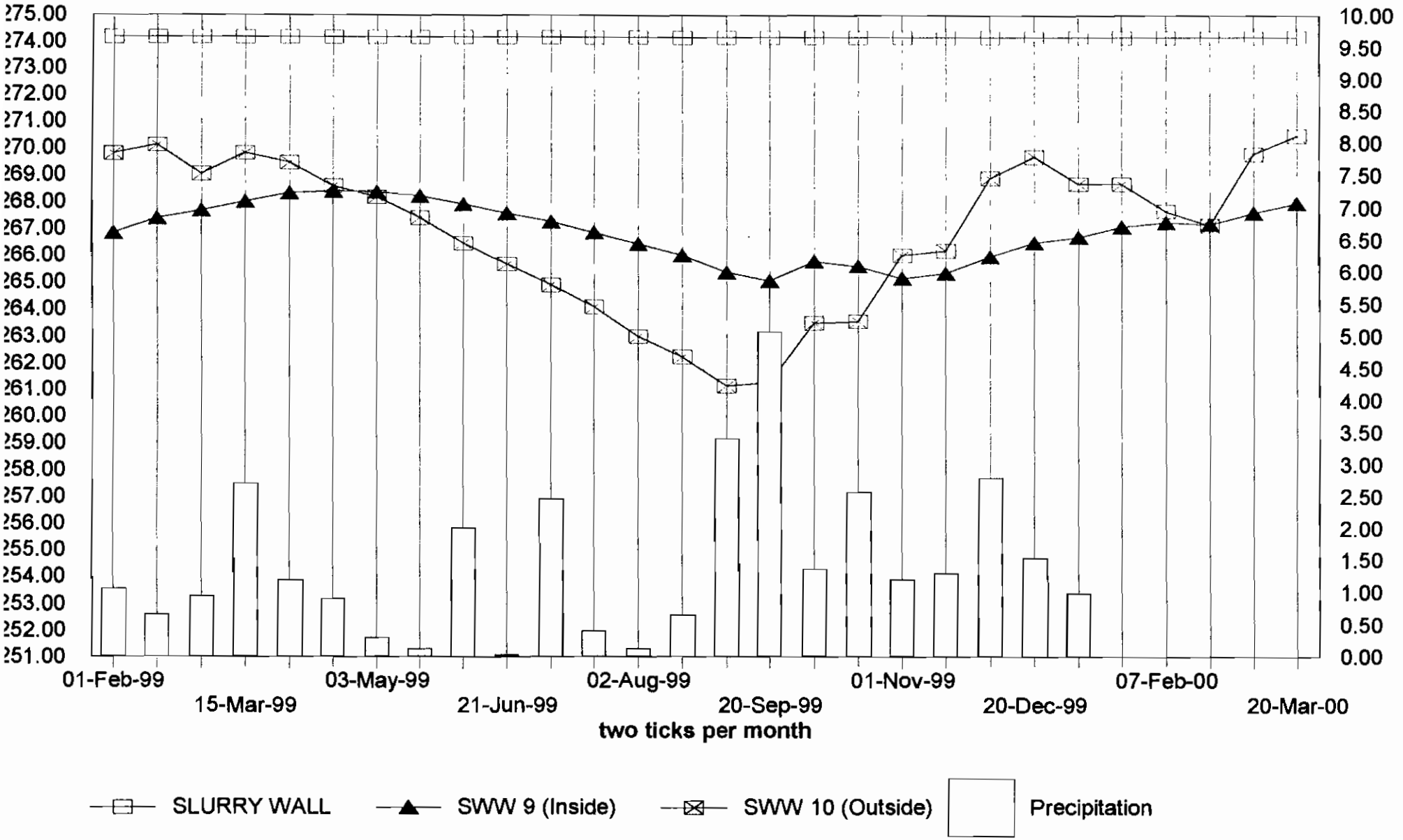
GROUNDWATER ELEVATIONS (SWW7 & SWW8)



de maximis - 3/28/00

PAS - OSWEGO

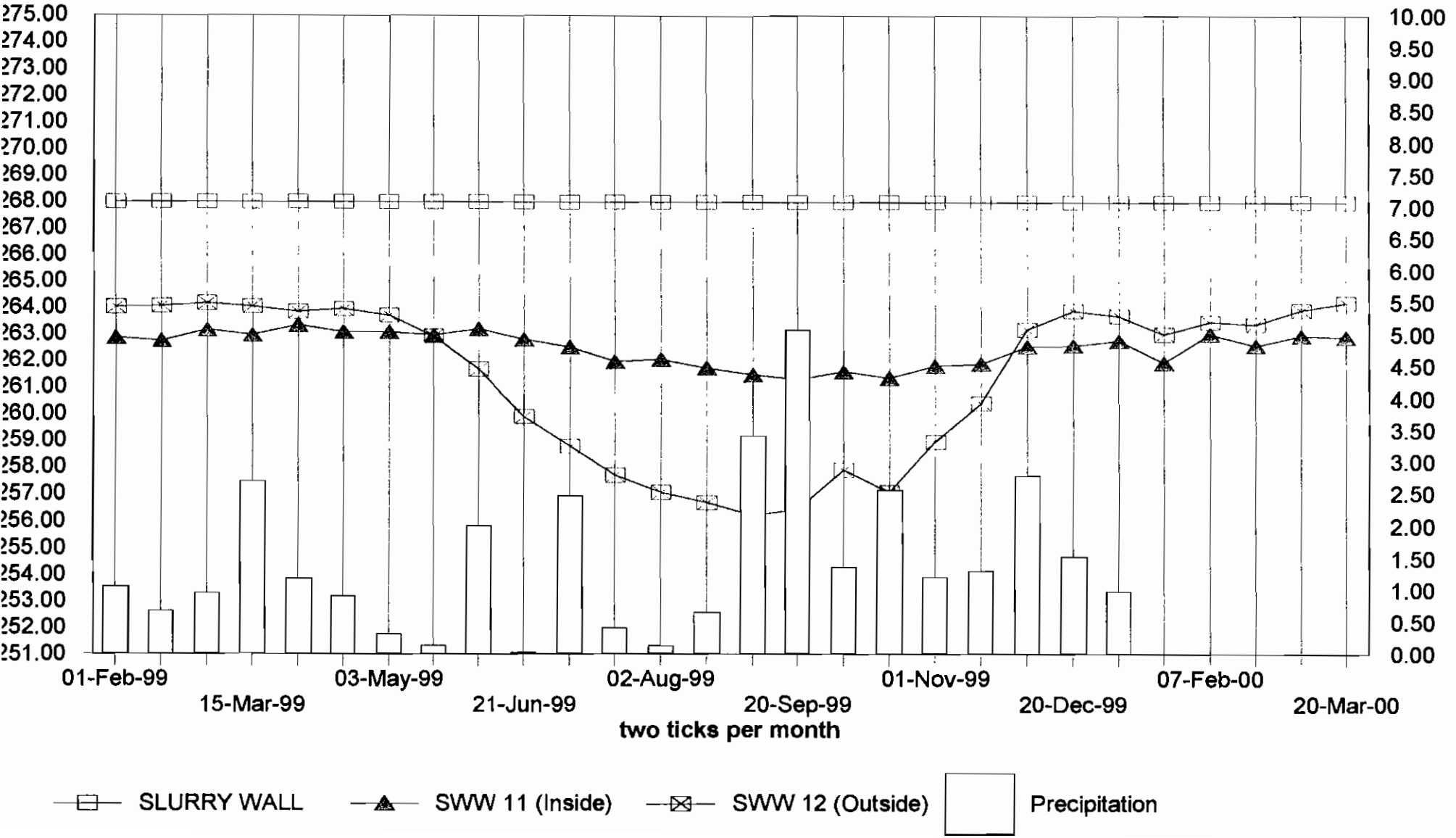
GROUNDWATER ELEVATIONS (SWW9 & SWW10)



de maximis - 3/28/00

PAS - OSWEGO

GROUNDWATER ELEVATIONS (SWW11 & SWW12)



BBL Environn. ,tal Services, Inc.
PAS Site
Oswego, New York
Pre-Pumping Monitoring Well Levels
01/03/00
08:00 AM

Well Number	Ground Elevation	Riser Elevation	DTW During Previous Event	Reading 1	Reading 2	Acceptable Range for DTW	Within Range? Yes	Within Range? No	Ground-Water Elevation	Reading 3
SWW1	286.20	289.33	9.17	9.46	9.46	8.67 to 11.28	x		279.87	
SWW2	286.30	289.37	16.73	16.65	16.65	16.23 to 17.69	x		272.72	
SWW3	286.00	286.50	17.57	17.58	17.58	17.07 to 18.35	x		268.92	
SWW4	282.90	283.60	14.20	15.36	15.36	13.70 to 16.38	x		268.24	
SWW5	275.90	277.02	14.39	14.43	14.43	13.82 to 15.22	x		262.59	
SWW6	270.90	273.06	8.53	9.02	9.02	8.03 to 9.75	x		264.04	
SWW7	273.30	277.93	8.23	8.40	8.40	7.73 to 9.59	x		269.53	
SWW8	275.70	278.24	3.95	4.00	4.00	3.45 to 7.71	x		274.24	
SWW9	283.30	285.55	19.05	18.84	18.84	18.55 to 20.87	x		266.71	
SWW10	279.30	280.43	10.73	11.72	11.72	10.23 to 14.90	x		268.71	
SWW11	271.00	273.50	10.90	10.72	10.72	10.40 to 12.16	x		262.78	
SWW12	270.20	272.82	8.91	9.10	9.10	8.41 to 14.33	x		263.72	
LCW-1	271.40	272.21	11.29	10.50	10.50	10.14 to 13.00	x		261.71	
LCW-2	272.60	274.44	13.53	12.74	12.74	12.43 to 15.23	x		261.70	
LCW-3	283.30	284.36	18.68	18.90	18.90	18.18 to 19.54	x		265.46	
LCW-4	283.80	285.70	20.77	20.17	20.17	19.81 to 21.79	x		265.53	

BBL Environme ıl Services, Inc.
PAS Site
Oswego, New York
Pre-Pumping Monitoring Well Levels - Contingency Event
01/17/00
07:00 AM

Well Number	Ground Elevation	Riser Elevation	DTW During Previous Event	Reading 1	Reading 2	Acceptable Range for DTW	Within Range? Yes	Within Range? No	Ground-Water Elevation	Reading 3
SWW1	286.20	289.33	9.46	9.74	9.74	8.67 to 11.28	x		279.59	
SWW2	286.30	289.37	16.65	17.15	17.15	16.23 to 17.69	x		272.22	
SWW3	286.00	286.50	17.58	17.47	17.47	17.07 to 18.35	x		269.03	
SWW4	282.90	283.60	15.36	15.46	15.46	13.70 to 16.38	x		268.14	
SWW5	275.90	277.02	14.43	15.33	15.33	13.82 to 15.22		x	261.69	15.33
SWW6	270.90	273.06	9.02	12.56	12.56	8.03 to 9.75		x	260.50	12.56
SWW7	273.30	277.93	8.40	8.42	8.42	7.73 to 9.59	x		269.51	
SWW8	275.70	278.24	4.00	4.88	4.88	3.45 to 7.71	x		273.36	
SWW9	283.30	285.55	18.84	18.45	18.45	18.55 to 20.87		x	267.10	18.45
SWW10	279.30	280.43	11.72	11.73	11.73	10.23 to 14.90	x		268.70	
SWW11	271.00	273.50	10.72	11.55	11.55	10.40 to 12.16	x		261.95	
SWW12	270.20	272.82	9.10	9.80	9.80	8.41 to 14.33	x		263.02	
LCW-1	271.40	272.21	10.50	12.21	12.21	10.14 to 13.00	x		260.00	
LCW-2	272.60	274.44	12.74	14.47	14.47	12.43 to 15.23	x		259.97	
LCW-3	283.30	284.36	18.90	19.10	19.10	18.18 to 19.54	x		265.26	
LCW-4	283.80	285.70	20.17	21.81	21.81	19.81 to 21.79		x	263.89	21.81

BBL Environmental Services, Inc.
PAS Site
Oswego, New York
Pre-Pumping Monitoring Well Levels
02/07/00
06:45 AM

Well Number	Ground Elevation	Riser Elevation	DTW During Previous Event	Reading 1	Reading 2	Acceptable Range for DTW	Within Range? Yes	Within Range? No	Ground-Water Elevation	Reading 3
SWW1	286.20	289.33	9.74	10.02	10.02	8.67 to 10.24	x		279.31	
SWW2	286.30	289.37	17.15	16.47	16.47	16.15 to 17.65	x		272.90	
SWW3	286.00	286.50	17.47	17.62	17.62	16.97 to 18.15	x		268.88	
SWW4	282.90	283.60	15.46	16.11	16.11	13.70 to 15.96		x	267.49	16.11
SWW5	275.90	277.02	15.33	14.40	14.40	13.82 to 15.83	x		262.62	
SWW6	270.90	273.06	12.56	9.27	9.27	8.03 to 13.06	x		263.79	
SWW7	273.30	277.93	8.42	8.13	8.13	7.73 to 8.92	x		269.80	
SWW8	275.70	278.24	4.88	3.89	3.89	3.45 to 5.38	x		274.35	
SWW9	283.30	285.55	18.45	18.28	18.28	17.95 to 20.07	x		267.27	
SWW10	279.30	280.43	11.73	12.75	12.75	10.23 to 12.23		x	267.68	12.75
SWW11	271.00	273.50	11.55	10.47	10.47	10.22 to 12.05	x		263.03	
SWW12	270.20	272.82	9.80	9.31	9.31	8.41 to 10.30	x		263.51	
LCW-1	271.40	272.21	12.21	10.32	10.32	10.00 to 12.71	x		261.89	
LCW-2	272.60	274.44	14.47	12.57	12.57	12.24 to 14.97	x		261.87	
LCW-3	283.30	284.36	19.10	18.83	18.83	18.18 to 19.60	x		265.53	
LCW-4	283.80	285.70	21.81	20.11	20.11	19.67 to 22.31	x		265.59	
LR-2	287.50	289.85	14.03	13.27	13.27	-0.50 to 13.66	x		276.58	
LR-3	275.50	278.06	10.66	8.79	8.79	12.66 to 16.01		x	269.27	8.79
LR-6	270.90	274.39	12.10	10.73	10.73	-0.50 to 0.50		x	263.66	10.73
LR-8	270.00	273.42	12.53	9.89	9.89	8.33 to 12.34	x		263.53	
M-21	270.28	272.32	11.38	9.40	9.40	9.43 to 13.18		x	262.92	9.40
M-22	270.40	273.88	12.08	10.57	10.57	8.93 to 12.65	x		263.31	
M-23	267.98	270.49	13.27	12.03	12.03	10.13 to 13.63	x		258.46	
M-24	276.49	277.94	16.71	14.39	14.39	11.50 to 14.66	x		263.55	
M-25	264.56	265.84	8.62	6.95	6.95	10.21 to 13.72		x	258.89	6.95
M-26	271.85	273.38	13.93	7.64	7.64	6.52 to 10.29	x		265.74	

BBL Environn. .tal Services, Inc.
PAS Site
Oswego, New York
Pre-Pumping Monitoring Well Levels - Contingency Event
02/21/00
07:00 AM

Well Number	Ground Elevation	Riser Elevation	DTW During Previous Event	Reading 1	Reading 2	Acceptable Range for DTW	Within Range? Yes	Within Range? No	Ground-Water Elevation	Reading 3
SWW1	286.20	289.33	10.02	10.27	10.27	8.67 to 10.24		x	279.06	10.27
SWW2	286.30	289.37	16.47	16.57	16.57	16.15 to 17.65	x		272.80	
SWW3	286.00	286.50	17.62	17.80	17.80	16.97 to 18.15	x		268.70	
SWW4	282.90	283.60	16.11	16.33	16.33	13.70 to 15.96		x	267.27	16.33
SWW5	275.90	277.02	14.40	14.82	14.82	13.82 to 15.83	x		262.20	
SWW6	270.90	273.06	9.27	9.51	9.51	8.03 to 13.06	x		263.55	
SWW7	273.30	277.93	8.13	8.28	8.28	7.73 to 8.92	x		269.65	
SWW8	275.70	278.24	3.89	3.98	3.98	3.45 to 5.38	x		274.26	
SWW9	283.30	285.55	18.28	18.35	18.35	17.95 to 20.07	x		267.20	
SWW10	279.30	280.43	12.75	13.26	13.26	10.23 to 12.23		x	267.17	13.26
SWW11	271.00	273.50	10.47	10.91	10.91	10.22 to 12.05	x		262.59	
SWW12	270.20	272.82	9.31	9.41	9.41	8.41 to 10.30	x		263.41	
LCW-1	271.40	272.21	10.32	11.71	11.71	10.00 to 12.71	x		260.50	
LCW-2	272.60	274.44	12.57	13.96	13.96	12.24 to 14.97	x		260.48	
LCW-3	283.30	284.36	18.83	18.67	18.67	18.18 to 19.60	x		265.69	
LCW-4	283.80	285.70	20.11	19.60	19.60	19.67 to 22.31		x	266.10	19.60

BBL Environm. .tal Services, Inc.
PAS Site
Oswego, New York
Pre-Pumping Monitoring Well Levels
03/06/00
08:00 AM

Well Number	Ground Elevation	Riser Elevation	DTW During Previous Event	Reading 1	Reading 2	Acceptable Range for DTW	Within Range? Yes	Within Range? No	Ground-Water Elevation	Reading 3
SWW1	286.20	289.33	10.27	8.61	8.61	8.96 to 10.77		x	280.72	8.61
SWW2	286.30	289.37	16.57	16.36	16.36	15.97 to 17.65	x		273.01	
SWW3	286.00	286.50	17.80	17.36	17.36	16.97 to 18.30	x		269.14	
SWW4	282.90	283.60	16.33	14.00	14.00	14.86 to 16.83		x	269.60	14.00
SWW5	275.90	277.02	14.82	14.45	14.45	13.90 to 15.83	x		262.57	
SWW6	270.90	273.06	9.51	8.77	8.77	8.52 to 13.06	x		264.29	
SWW7	273.30	277.93	8.28	7.91	7.91	7.63 to 8.92	x		270.02	
SWW8	275.70	278.24	3.98	3.97	3.97	3.39 to 5.38	x		274.27	
SWW9	283.30	285.55	18.35	17.92	17.92	17.78 to 19.34	x		267.63	
SWW10	279.30	280.43	13.26	10.62	10.62	11.22 to 13.76		x	269.81	10.62
SWW11	271.00	273.50	10.91	10.53	10.53	9.97 to 12.05	x		262.97	
SWW12	270.20	272.82	9.41	8.88	8.88	8.60 to 10.30	x		263.94	
LCW-1	271.40	272.21	11.71	10.63	10.63	9.82 to 12.71	x		261.58	
LCW-2	272.60	274.44	13.96	12.89	12.89	12.07 to 14.97	x		261.55	
LCW-3	283.30	284.36	18.67	18.78	18.78	18.17 to 19.60	x		265.58	
LCW-4	283.80	285.70	19.60	19.18	19.18	19.10 to 22.31	x		266.52	

BBL Environm tal Services, Inc.
PAS Site
Oswego, New York
Pre-Pumping Monitoring Well Levels - Contingency Event
03/20/00
06:45 AM

Well Number	Ground Elevation	Riser Elevation	DTW During Previous Event	Reading 1	Reading 2	Acceptable Range for DTW	Within Range? Yes	Within Range? No	Ground-Water Elevation	Reading 3
SWW1	286.20	289.33	8.61	8.43	8.43	8.96 to 10.77		x	280.90	8.43
SWW2	286.30	289.37	16.36	16.07	16.07	15.97 to 17.65	x		273.30	
SWW3	286.00	286.50	17.36	17.23	17.23	16.97 to 18.30	x		269.27	
SWW4	282.90	283.60	14.00	13.95	13.95	14.86 to 16.83		x	269.65	13.95
SWW5	275.90	277.02	14.45	14.43	14.43	13.90 to 15.83	x		262.59	
SWW6	270.90	273.06	8.77	8.39	8.39	8.52 to 13.06		x	264.67	8.39
SWW7	273.30	277.93	7.91	7.63	7.63	7.63 to 8.92		x	270.30	7.63
SWW8	275.70	278.24	3.97	3.75	3.75	3.39 to 5.38	x		274.49	
SWW9	283.30	285.55	17.92	17.56	17.56	17.78 to 19.34		x	267.99	17.56
SWW10	279.30	280.43	10.62	9.94	9.94	11.22 to 13.76		x	270.49	9.94
SWW11	271.00	273.50	10.53	10.58	10.58	9.97 to 12.05	x		262.92	
SWW12	270.20	272.82	8.88	8.62	8.62	8.60 to 10.30	x		264.20	
LCW-1	271.40	272.21	10.63	11.57	11.57	9.82 to 12.71	x		260.64	
LCW-2	272.60	274.44	12.89	13.84	13.84	12.07 to 14.97	x		260.60	
LCW-3	283.30	284.36	18.78	18.60	18.60	18.17 to 19.60	x		265.76	
LCW-4	283.80	285.70	19.18	18.81	18.81	19.10 to 22.31		x	266.89	18.81

Attachment 2

BBL ENVIRONMENTAL SERVICES, INC.

Leachate Disposal and Inspection Checklists

Appendix H

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

Operation and Maintenance and Long-Term Monitoring Plan
Leachate Disposal Checklist

Peter A. Spence	1/5/00	610
BBLES Project Personnel	Date	Time On-Site

Buffalo Fuel Corp.	CECOS
Transportation Subcontractor	Leachate Destination

Pumping from Leachate Collection Wells to Leachate Collection Tank

Well	Leachate Collection Well Pumping		Well Pumping Flow Rate Analysis		Flow Rate Calculation	Comments
	Start Time	Stop Time	Time	Tank Elev. (Ft. Down)		
LCW-1	6:20	11:15			See below	Intermittent operation
LCW-2	6:20	11:25				
LCW-3	6:40	8:00				↓
LCW-4	6:20	8:00				↓

Leachate Collection Tank: used stick

Initial Flow Meter Reading:
Final Flow Meter Reading: meter inop.

$Q = \frac{15813 \text{ gallons}}{341 \text{ min}} = 46.4 \text{ gpm}$

Pumping from Leachate Collection Tank to Tank Trucks

Load	Pre-Loading		Post-Loading		Destination	Comments
	Time	Confirmed Clean	Time	Tank Volume (By Stick Meas.)	Manifest	
Load #1	900	Yes	1010	52" (5650)	CECOS NY4165572	
Load #2	1010	Yes	1100	56" (5709)	CECOS NY4165572	
Load #3 Vac truck	1100	Yes	1130	47" (4454)	NY4165573 CECOS	
Load #4						

3/1/98

BBL Environmental Services, Inc.

PAS Site
Oswego, New York

Site Inspection Checklist

Date: January 5, 2000 Time: 8:00
Personnel: P. Spence Weather: ~ 30° F cold - overcast

Site Feature	Previous Inspection Date	Condition/Maintenance Activity
Cap		
Burrowing Animals	OK	
Cap Vegetation	OK	
Concrete Drainage Trough	Excellent	
French Drain	Good	
Weeds	OK	
Leachate Collection System		
Pumps	OK	
Pump Controls/Alarms	OK	
Tank Level	OK	
Monitoring Wells		
Locks	OK	Key need to be lubricated. Showing rust.
Riser	OK	
Surface Completion	OK	
General Site Conditions		
Foliage	Good	No problems on cap.
Perimeter Fence	Good	
Site access drive	Good	
Stream gauges	Good	
Other Items		
Equipment Storage Shed	Good	
Fire Extinguisher	Good	
Spill Control Materials	Good.	

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

BBL Environmental Services, Inc.

PAS Site
Oswego, New York

Leachate Disposal Checklist

T HENSON — LES Project/Personnel
2-9-00 — Date
615 — Time On-Site
BFC — Transportation Subcontractor
CECOS — Leachate Destination

PUMPING RECORD FROM WELLS TO TANK

Well	Leachate Collection Well Pumping: Start Time	Stop Time	Well Pumping Flow Rate Analysis: Time	Tank Elev. (Ft. Down)	Flow Rate Calculation	Remarks
LCW-1	620	925			SEE BELOW	INTERMITTANT OPERATION
LCW-2	600	1020				↓
-3	620	9:08				↓
LW-4	NOT OPERATED					

Leachate Holding Tank: USED STICK MEASUREMENT

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

$Q = \frac{10,322 \text{ GALS}}{318 \text{ MINS}} = 32 \text{ GPM}$

PUMPING FROM TANK TO DISPOSAL TRUCK

Load	(Pre-Loading) Tanker: Time	Confirmed Clean	(Post-Loading) Tanker: Time	Tanker Volume (By Stick Meas.)	Destination: Manifest	Remarks
Load #1	900	YES	1040	5650	CECOS NY6171903	W.O.# 282821
Load #2	1045	YES	12:10	4672	CECOS NY6171907	W.O.# 282822
Load #3						
Load #4			TOTAL	10,322		

BBL Environmental Services, Inc.

PAS Site
Oswego, New York

Site Inspection Checklist

Date: 2-9-00 Time: 6.20
Personnel: T. HENSON Weather: OVERCAST 25°

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
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)

BBL Environmental Services, Inc.

PAS Site
Oswego, New York

Site Inspection Checklist

Date: 3-6-00 Time: 800
Personnel: T. HENSON Weather: SNOW

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		
Perimeter Fence		SEE NOTES BELOW
Site access drive		OK
Stream gauges		SEE NOTES BELOW
Other Items		
Equipment Storage Shed		OK
Fire Extinguisher		OK
Spill Control Materials		OK

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

* A TREE IS RESTING ON TOP OF FENCE NEAR SOUTH EAST CORNER OF SITE, ADJACENT TO OLD DAM.

* SWG-7 (STAFF GAUGE) HAS BEEN BENT OVER AND HAS SNAPPED OFF AT THE BASE. APPEARS ICE JAM WAS RESPONSIBLE.

BBL Environmental Services, Inc.

PAS Site
Oswego, New York

Site Inspection Checklist

Date: 3-8-00 Time: 630
Personnel: TJH Weather: SUN High Nine 70°

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
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)

BBL Environmental Services, Inc.

PAS Site
Oswego, New York

Leachate Disposal Checklist

T. HENSON — *ES Project Personnel*

3-8-00 — *Date*

6:30 Am — *Time On-Site*

BFC — *nsportation 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	630			SEE BELOW	INTERMITTENT OPERATION
LCW-2	6:40	1020				
I-3	6:40	9:04				
JW-4	NOT USED	—				

Leachate Holding Tank: USED STICK MEASUREMENT.

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

$Q = \frac{8,957 \text{ GALS}}{331 \text{ MINS}} = 27 \text{ GPM}$

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	8:15	YES	850	5,200	CECOS NYG17/9081	W.O.# 282854
Load #2	900	YES	1100	3,757	CECOS NYG-17A108	W.O.# 282855
Load #3						
Load #4			TOTAL	8957 GALS		

NOTE: VAC TRUCK DEVELOPED TROUBLE WHILE TRANSFERRING LOAD TO STRAIGHT TRUCK, CHECK BALL ON TOP OF STICK. BFC LET PRESSURE OUT OF TANK AND VALVE WAS OK. REPAIRED

Attachment 3

BBL ENVIRONMENTAL SERVICES, INC.

Hazardous Waste Manifests

NYG 1655712

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)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of	Information within heavy bold line is not required by Federal Law.
NY0000511659	0005	1	

3. Generator's Name and Mailing Address
PAS Oswego Site Participation Agreement Parties
C/O BHL Environmental Services, Inc. Attn: LMcDurfee
6723 Towpath Rd, PO Box 66, Syracuse, NY 13214-0066

4. Generator's Telephone Number ( )

A NYG 1655712

B. Generator's ID Pollution Abatement Serv., Site 1, Seneca St, Oswego 13126

C. State Transporter's ID 772072 (NY)

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

E. State Transporter's ID

F. Transporter's Telephone ( )

G. State Facility ID

H. Facility Telephone (716) 282-2676

5. Transporter 1 (Company Name): Buffalo Fuel Corp.
6. US EPA ID Number: NYR000045724

7. Transporter 2 (Company Name)
8. US EPA ID Number

9. Designated Facility Name and Site Address
CECOS International, Inc.
5600 Niagara Falls Blvd.
Niagara Falls, NY 14304

10. US EPA ID Number: NYD066033624 1

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers Number	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ, Waste, Environmentally Hazardous Substance, Liquid, 9, n.o.s., un3082, PGIII, Multi-Source Leachate, F039(benzene, toluene, xylene)	001	TT	56.50	G	EPA F039 / STATE
b.					EPA / STATE
c					EPA / STATE
d.					EPA / STATE

J. Additional Descriptions for Materials listed Above
water 99%, toluene 0.000454
xylene 0.0011%, benzene 0.00007%

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

15. Special Handling Instructions and Additional Information
Emergency response refer to ERG-31
24-hour contact: (800) 677-8003
product code: 12285-AA8
work order no: 23[illegible]

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: for PAS site participation agreement parties as agent
Signature:
Mo. 01 Day 05 Year 00

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Robert L. Simcox Jr.
Signature: Robert L Simcox Jr.
Mo. 01 Day 05 Year 00

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name:
Signature:
Mo. Day Year

19. Discrepancy Indication Space
Quantity received 23.50 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: Richard A Dimeo II
Signature: R A Dimeo II
Mo. 01 Day 05 Year 00

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

GENERATOR / TRANSPORTER / FACILITY

COPY 5—Generator—Mailed by TSD Facility

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

NYG 1655739

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) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: NY0000511659
Manifest Doc. No.: 00003
2. Page 1 of 1

Information within heavy bold line is not required by Federal Law.

GENERATOR

3. Generator's Name and Mailing Address
PAS Oswego Site Participation Agreement Parties
c/o ESL Environmental Services, Inc. Attn: L.K. McClure,
6723 Towpath Rd., P.O. Box 66, Syracuse, NY 13214-0066
4. Generator's Telephone Number ( ) 315-446-9120

A. NYG 1655739
B. Generator's ID Pollution Abatement Services Site, E. Seneca St. Oswego 13126

5. Transporter 1 (Company Name): Buffalo Fuel Corp.
6. US EPA ID Number: NYR000045724
C. State Transporter's ID [illegible] (NY) 772-71
D. Transporter's Telephone (800) 677-8003

7. Transporter 2 (Company Name):
8. US EPA ID Number:
E. State Transporter's ID
F. Transporter's Telephone ( )

9. Designated Facility Name and Site Address
CECOS International, Inc.
5600 Niagara Falls Blvd.
Niagara Falls, NY 14304
10. US EPA ID Number: NYD080336241
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	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ, Waste, Environmentally Hazardous Substance, Liquid, 9, n.o.s., UN3082, PG III, Multi-Source Leachate, F039 (benzene, toluene, xylene)	001	TT	04454	G	EPA F039 / STATE
b.					EPA / STATE
c.					EPA / STATE
d.					EPA / STATE

J. Additional Descriptions for Materials listed Above
a. water 99%, toluene 0.00045% xylene 0.0011%, benzene 0.0000%
b.
c.
d.

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

15. Special Handling Instructions and Additional Information
[illegible] Emergency Response Refer to ERG-31
24-hour Contact: (800) 677-8003
product code: 12855-PAS
work order no.: 252152

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	Signature	Mo.	Day	Year
[illegible] as agent for PAS Site Participation Agreement Parties	[signature]	01	05	00

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Mo.	Day	Year
Chris Howard	[signature]	01	05	00

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Mo.	Day	Year

FACILITY

19. Discrepancy Indication Space
Quantity received 18.44 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	Signature	Mo.	Day	Year
R.A. DiGiacomo II	[signature]	01	05	00

COPY 5—Generator—Mailed by TSD Facility

NYG 1655721

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

(Hazardous Waste Manifest 1/5/99)

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of	Information within heavy bold line is not required by Federal Law.
	NY0000511659	00 0 [illegible]	1	

GENERATOR

3. Generator's Name and Mailing Address
PAS Oswego Site Participation Agreement Parties
c/o SEL Environmental Services, Inc. Attn: L.W. McInney
6723 Towpath Rd., PO Box 66, Syracuse, NY 13214-0066

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

5. Transporter 1 (Company Name) | 6. US EPA ID Number
Buffalo Fuel Corp. | NYR000045724

7. Transporter 2 (Company Name) | 8. US EPA ID Number

9. Designated Facility Name and Site Address | 10. US EPA ID Number
CECOS International, Inc.
5600 Niagara Falls Blvd.
Niagara, New York 14304 | NYD980356241

A. NYG 1655721

B. Generator's ID Pollution Abatement Srv. Site, E. Seneca St. Oswego 13126

C. State Transporter's ID [illegible] 821 37

D. Transporter's Telephone (800) 877-8003

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	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ, Waste, Environmentally Hazardous Substance, Liquid, S, n.o.s., UN3082, PG III, Multi-Source Leachate, F039 (benzene, toluene, xylene)	001	TT	57.09	G	EPA F039 / STATE
b.					EPA / STATE
c					EPA / STATE
d.					EPA / STATE

J. Additional Descriptions for Materials listed Above
water 99%, toluene 0.0045%
xylene 0.0011%, benzene 0.0007%

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

15. Special Handling Instructions and Additional Information
Emergency Response Refer to IRC-31
24-hour Contact: (800) 877-8003
product code: 1225-PAR B
work order no.: 282741

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	Signature	Mo.	Day	Year
for PAS Site Participation Agreement parties	[signature]	01	05	00

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Mo.	Day	Year
[illegible]	[signature]	01	05	00

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Mo.	Day	Year

FACILITY

19. Discrepancy Indication Space
Quantity received 23.61 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	Signature	Mo.	Day	Year
Richard A. DiGiacomo II	[signature]	01	05	00

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

COPY 5—Generator—Mailed by TSD Facility

NYG 1719072

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)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of	Information within heavy bold line is not required by Federal Law.
NYD000511659	00007	1	

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

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

A. NYG 1719072

B. Generator's ID Pollution Abatement Services Site, E. Seneca St., Oswego, NY 13126

C. State Transporter's ID 4423F (NY)

5. Transporter 1 (Company Name): Buffalo Fuel Corp.

6. US EPA ID Number: NYR000045728

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

7. Transporter 2 (Company Name)

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Telephone ( )

9. Designated Facility Name and Site Address
CECOS International, Inc.
5600 Niagara Falls Boulevard
Niagara Falls, NY 14304

10. US EPA ID Number: NYD080336248

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	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ, waste, Environmentally Hazardous Substances, Liquid, 9, n.o.s., UN3082, PG III, Multi-Source Leachate, F039 (Benzene, Toluene, Xylene)	001	TT	04672	G	EPA F039
					STATE
b.					EPA
					STATE
c					EPA
					STATE
d.					EPA
					STATE

J. Additional Descriptions for Materials listed Above
Water 99%, Toluene 0.0045%, Xylene 0.0011%, Benzene 0.0007%

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

15. Special Handling Instructions and Additional Information
Emergency Response Refer to ERG-31
24-Hour Contact: (800) 677-8003

Product Code: 12285-AAB

Work Order No.: 282822

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 internatianal and nationol 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. Hogan As Agent for PAS Site Participation Agreement Parties — Signature: T. Hogan — Mo. 02 Day 09 Year 00

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: E. Fillion — Signature — Mo. 02 Day 15 Year 00

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name — Signature — Mo. Day Year

19. Discrepancy Indication Space
Quantity received 18.67 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: Richard A DiCerbo II — Signature: Richard A DiCerbo II — Mo. 02 Day 09 Year 00

GENERATOR

TRANSPORTER

FACILITY

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

COPY 5—Generator—Mailed by TSD Facility

NYG 1719063

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)

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of	Information within heavy bold line is not required by Federal Law.
	NYD 0005116590	00006	1	

3. Generator's Name and Mailing Address
PAS Oswego Site Participation Agreement Parties
c/o B&L Environmental Services, Inc. Attn: L.W. McCa
6732 Towpath Road, P.O. Box 66, Syracuse, NY 13214-0066

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

A NYG 1719063

B. Generator's ID Pollution Abatement Services Site, E. Seneca St., Oswego, NY 13126

C. State Transporter's ID 46535T(NY)

D. Transporter's Telephone (800) 677-8093

E. State Transporter's ID

F. Transporter's Telephone ( )

G State Facility ID

H Facility Telephone (716 282-2676

5. Transporter 1 (Company Name): Buffalo Fuel Corp.
6. US EPA ID Number: NYR000045724

7 Transporter 2 (Company Name)
8 US EPA ID Number

9. Designated Facility Name and Site Address: CECOS International, Inc.
5600 Niagara Falls Boulevard
Niagara Falls, NY 14304
10 US EPA ID Number: NYD050836241

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12 Containers Number	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ, Waste, Environmentally Hazardous Substances, Liquid, 9, n.o.s., UN3082, PG III, Multi-Source Leachate, F039 (Benzene, Toluene, Xylene)	001	T	05650	G	EPA F039
					STATE
b.					EPA
					STATE
c					EPA
					STATE
d.					EPA
					STATE

J. Additional Descriptions for Materials listed Above
a Water 99%, Toluene 0.0045%, Xylene 0.0011%, Benzene 0.0007%
b
d

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

15 Special Handling Instructions and Additional Information
Emergency Response Refer to ERG-31
24-Hour Contact: (800) 677-8093

Product Code: 12285-AAB
Work Order No.: 282821

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	Signature	Mo.	Day	Year
L. HEWAN for PAS Site Participation Agreement Parties -As Agent		02	07	00

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Mo.	Day	Year
		02	10	00

18 Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Mo.	Day	Year

19. Discrepancy Indication Space
Quantity received 2176 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	Signature	Mo.	Day	Year
Richard A DiLiccio II	Richard A DiLiccio II	02	14	00

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

GENERATOR — TRANSPORTER — FACILITY

COPY 5—Generator—Mailed by TSD Facility

NYG 1719108

Please type or print. Do not staple

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)

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of	Information within heavy bold line is not required by Federal Law.
	NYD000511659 000		1	

3. Generator's Name and Mailing Address
PAS Oswego Site Participation Agreement Parties
c/o BBL Environmental Services, Inc. Attn: L.W. McSurpey
6723 Towpath Road, P.O. Box 66, Syracuse, NY 13214-0066
4. Generator's Telephone Number (315) 446-9120

A. NYG 1719108
B. Generator's ID Pollution Abatement Services Site, E. Seneca St., Oswego, NY 13126
C. State Transporter's ID 77207Z(NY)
D. Transporter's Telephone (800) 677-8003
E. State Transporter's ID
F. Transporter's Telephone ( )
G. State Facility ID
H. Facility Telephone (716) 282-2676

5. Transporter 1 (Company Name): Buffalo Fuel Corp.
6. US EPA ID Number: NYR000045725
7. Transporter 2 (Company Name)
8. US EPA ID Number
9. Designated Facility Name and Site Address: CECOS International, Inc. 5600 Niagara Falls Boulevard Niagara Falls, NY 14304
10. US EPA ID Number: NYD080336241

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers Number	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ, Waste, Environmentally Hazardous Substance, Liquid, 9, n.o.s., UN3082, PG III, Multi-Source Leachate, F039 (Benzene, Toluene, Xylene)	001	TT	03157	G	EPA F039 / STATE
b.					EPA / STATE
c					EPA / STATE
d.					EPA / STATE

J. Additional Descriptions for Materials listed Above
a. Water 99%, Toluene 0.00045%, Xylene 0.0011%, Benzene 0.00007%
b
d

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

15. Special Handling Instructions and Additional Information
Emergency Response Refer to ERG-171
24-Hour Contact: (800) 677-8003
Product Code: 12285-AAB
Work Order No.: 282855

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.
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Printed/Typed Name	Signature	Mo.	Day	Year
Tim Henson As Agent for PAS Site Participation Agreement Parties	Tim Henson	03	08	00

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Mo.	Day	Year
John Gill Sibley	John Gill Sibley	03	09	00

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Mo.	Day	Year

FACILITY

19. Discrepancy Indication Space
Quantity received 15.38 (KD) Ton

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Mo.	Day	Year
Richard A. McCann II	Richard A. McCann II	03	08	00

GENERATOR

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

COPY 5—Generator—Mailed by TSD Facility

NYG 1719108

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 1/5/90)

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of	Information within heavy bold line is not required by Federal Law.
	NYD000511659000		1	

3. Generator's Name and Mailing Address
PAS Oswego Site Participation Agreement Parties
c/o BBL Environmental Services, Inc. Attn: L.A. McBurney
6723 Towpath Road, P.O. Box 66, Syracuse, NY 13214-0066

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

A. NYG 1719108

B. Generator's ID Pollution Abatement Services Site, E. Seneca St, Oswego, NY 13126

C. State Transporter's ID 77207Z(NY)

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

E. State Transporter's ID

F. Transporter's Telephone ( )

G. State Facility ID

H. Facility Telephone (716) 282-2676

5. Transporter 1 (Company Name): Buffalo Fuel Corp.
6. US EPA ID Number: NYR000045724

7 Transporter 2 (Company Name)
8. US EPA ID Number

9. Designated Facility Name and Site Address
CECOS International, Inc.
5600 Niagara Falls Boulevard
Niagara Falls, NY 14304

10. US EPA ID Number: NYD066033624

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers Number	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ, Waste, Environmentally Hazardous Substance, Liquid, 9, n.o.s., UN3082, PG III, Multi-Source Leachate, F039 (Benzene, Toluene, Xylene)	001	T	T03757G		EPA F039 / STATE
b.					EPA / STATE
c					EPA / STATE
d.					EPA / STATE

J. Additional Descriptions for Materials listed Above
Water 99%, Toluene 0.00045%
a Xylene 0.0011%, Benzene 0.00007%

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

15. Special Handling Instructions and Additional Information
Emergency Response Refer to ERG-171
24-Hour Contact: (800) 677-8003
Product Code: 12285-AAB
Work Order No.: 282855

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.
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GENERATOR

Printed/Typed Name	Signature	Mo.	Day	Year
Tim Henson As Agent for PAS Site Participation Agreement Parties		03	08	00

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Mo.	Day	Year
John Gill Sr.		03	08	00

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Mo.	Day	Year

FACILITY

19. Discrepancy Indication Space
Quantity received 15.38 (RQ) Ton

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Mo.	Day	Year
Richard A DeCecco II		03	08	00

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

Attachment 4

BBL ENVIRONMENTAL SERVICES, INC.

Waste Treatment/Disposal Certification

CECOS

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

ate : 01-05-00 Time In: 13:30:56 Time Out: 15:30:04

icket # : A17375 CMS # : 00000042 LMS #: 0000100

ustomer : SEE GENERATOR

ehicle # : 006092 Lic Plate:
ECOS
anifest # : PO #: Transporter: BFC
ource Cd :
omment : BUFFALO FUEL Operator: AL SMITH
cale In # : 1 Scale Out #: 1
ross Wt : 39.59 Tare Wt: 16.09 Net Wt: 23.50 t

(W.O.# 28637)

tem	Descr	Bill Qty	$/Unit	Extended
SPC	SPC	23.50 t		

Sp. Gr. 1.01

Have a Safe and Happy Holiday! SIGNATURE: M Carlson

Post-it® Fax Note 7671	Date 1-7-00	# of pages ▶ 3
To D. Ruszczyk	From M. Carlson	
Co./Dept. BBL	Co. CECOS	
Phone #	Phone #	
Fax # 252-6715	Fax # 282-6073	

CECOS

CECOS INTERNATIONAL, INC.
5500 NIAGARA FALLS BLVD.
NIAGARA FALLS, NY 14304

Date : 01-05-00 Time In: 13:50:49 Time Out: 15:54:09

Ticket # : A17381 CMS # : 0000042 LMS #: 0000100

Customer : SEE GENERATOR

Vehicle # : 000470 Lic Plate:
CECOS
Manifest # : PO #: Transporter: BFC
Source Cd : Generator : CNY CECOS OF NEW YORK
Comment : BFC Operator: AL SMITH
Scale In # : 1 Scale Out #: 1
Gross Wt : 39.22 Tare Wt: 15.61 Net Wt: 23.61 t

(W.O. # 28781)

Item	Descr	Bill Qty	$/Unit	Extended
SPC	SPC	23.61 t		

Sp Gr. 1.01

SIGNATURE:

01/26/00 01:29 FAX .03/03 NO.279

CECOS

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

Da. : 01-05-00 Time In: 14:40:51 Time Out: 16:14:13

Ticket # : A17391 CMS # : 0000042 LMS #: 0000100

Customer : SEE GENERATOR

Vehicle # : 006889 Lic Plate:
CECOS
Manifest # : 1655739 PO #: Transporter: S
Source Cd : Generator : CNY CECOS OF NEW YORK
Comment : BFC Operator: AL SMITH
Scale In # : 1 Scale Out #: 1
Gross Wt : 37.01 Tare Wt: 18.57 Net Wt: 18.44 t

Item	Descr	Bill Qty	$/Unit	Extended
SPC	SPC	18.44 t		

Sp. Gr. 1.01

(W.O. # 282871 782 NYC)

Have a Safe and Happy Holiday!

SIGNATURE: X [signature]

CECOS

NO.: 001526

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

Date : 02-09-00 Time In: 13:52:26 Time Out: 15:18:02
Ticket # : A21918 CMS # : 0000042 LMS #: 0000100
Customer : SEE GENERATOR
Vehicle # : 006892 Lic Plate:
CECOS
Manifest # : PO #: Transporter: BFC
Source Cd : Generator : CNY CECOS OF NEW YORK
Comment : BUFFALO FUEL Operator: AL SMITH
Scale In # : 1 Scale Out #: 1
Gross Wt : 38.20 Tare Wt: 16.44 Net Wt: 21.76 t

Item	Descr	Bill Qty	$/Unit	Extended
SPC	SPC	21.76 t		

Drive Safe - Roads Maybe Slick

(W.O. # 28484)

SIGNATURE: X D. Sumi

CECOS

No.: 001526

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

Date : 02-09-00 Time In: 15:25:19 Time Out: 16:49:49
Ticket # : A21921 CMS # : 0000042 LMS #: 0000100
Customer : SEE GENERATOR
Vehicle # : 000461 Lic Plate:
CECOS
Manifest # : PO #: Transporter: BFC
Source Cd : Generator : CNY CECOS OF NEW YORK
Comment : BUFFALO FUEL Operator: AL SMITH
Scale In # : 1 Scale Out #: 1
Gross Wt : 37.38 Tare Wt: 18.63 Net Wt: 18.67 t

Item	Descr	Bill Qty	$/Unit	Extended
SPC	SPC	18.67 t		

Drive Safe - Roads Maybe Slick

(W.O. # 28482)

SIGNATURE: X

CECOS No.: 001563

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

Date : 03-08-00 Time In: 12:49:00 Time Out: 13:30:30

Ticket # : A24908 CMS # : 0000042 LMS #: 0000100

Customer : SEE GENERATOR

Vehicle # : 000471 Lic Plate:
CECOS
Manifest # : PO #: Transporter: BFC
Source Cd :
Comment : BUFFALO FUEL Operator: AL SMITH
Scale In # : 1 Scale Out #: 1
Gross Wt : 37.65 Tare Wt: 15.77 Net Wt: 21.88 t

Item	Descr	Bill Qty	$/Unit	Extended
SPC	SPC	21.88 t		

Drive Safe - Roads Maybe Slick

(W.O # 282854)

SIGNATURE: X

Post-it® Fax Note 7671	Date 3-8-00	# of pages ▶ 1
To Doug Russet	From Richard DiCroccio	
Co./Dept. BB&L	Co CECOS	
Phone #	Phone #	
Fax # 292-6715	Fax # 282-6073	

CECOS No.: 001565

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

Date : 03-08-00 Time In: 14:26:51 Time Out: 15:51:17

Ticket # : A24927 CMS # : 0000042 LMS #: 0000100

Customer : SEE GENERATOR

Vehicle # : 000454 Lic Plate:
CECOS
Manifest # : 1719108 PO #: Transporter: BFC
Source Cd : Generator : CNY CECOS OF NEW YORK
Comment : BUFFALO FUEL Operator: AL SMITH
Scale In # : 1 Scale Out #: 1
Gross Wt : 33.71 Tare Wt: 18.33 Net Wt: 15.38 t

Item	Descr	Bill Qty	$/Unit	Extended
S	SPC	15.38 t		

W.O. # 282855

Drive Safe - Roads Maybe Slick

SIGNATURE: X