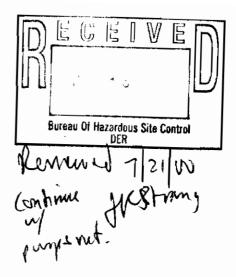


10243 Sunrise Place Bainbridge Island, WA 98110 (206) 780-6852 (206) 780-6872 FAX

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, NYSDÉC, Region 7 Office

R. Heerkens, NYDOH, Office of Public Health

OUARTERLY 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
NYG17 <u>1</u> 9234	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) 1993 <u>1994</u> (1/94-10/94) Subtotal	221,808 337,619 254,898 814,325
1994 IGR Order (10/94 - 10/98)	DuPont: 1994 (From 10/94) 1995 1996 (To 5/96) Subtotal (To 5/96) BF1/CECOS: 1996 1997 1998 (1/98-10/98 Subtotal 94 1GR Order Total	50,683 279,164 119,901 449,748 163,446 269,371 207,541 640,358 1,090,106
Final IGR Total		1,904,431
OMM Consent Decree (Beginning 11/98)	BFI/CECOS: 1998 (11/98-12/98) 1999 <u>2000</u> (1/00 - 6/00) OMM Subtotal	18,423 177,710 95,124 291,257
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	NYG17191 <u>98</u>	5/3/00
282942	NYG1719189	5/3/00
282943	NYG1719225	5/17/ <u>00</u>
282944	NYG1719153	5/17/00

June 2000

BFI/CECOS Work Order Number	Mamifest #	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

[0	OPERATI	ON AN	MOM 0	TORIN	G SCHI	TION AND MONITORING SCHEDULE - PAS OSWEGO SUPERFUND SITE	-PAS C	SWEG	O SUPE	RFUND	SITE	
	Jul 2 Rem Eve	Jul 2000 Removal Events	Aug 2000 Removal Events	ug 2000 temoval Events	Sep 2000 Removal Events	ep 2000 temoval Events	Oct 2000 Removal Events	Oct 2000 Removal Events	Nov 2000 Removal Events	ov 2000 temoval Events	Dec Rem Ev	Dec 2000 Removal Events
	First Event	Cont. Event	First	Cont	First	Cont	First	Cont	First Event	Cont	First Event	Cont
Pre-Pump Monitoring		Jul 17	Jul 31	Aug 14	Sep 5 Sep 19	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	Aug 16	Sep 7	Sep 21	Oct 4	Oct 18	Nov 8 Nov 22	Nov 22	Dec 6	Dec 20

Stream water levels monitored semi-annually.

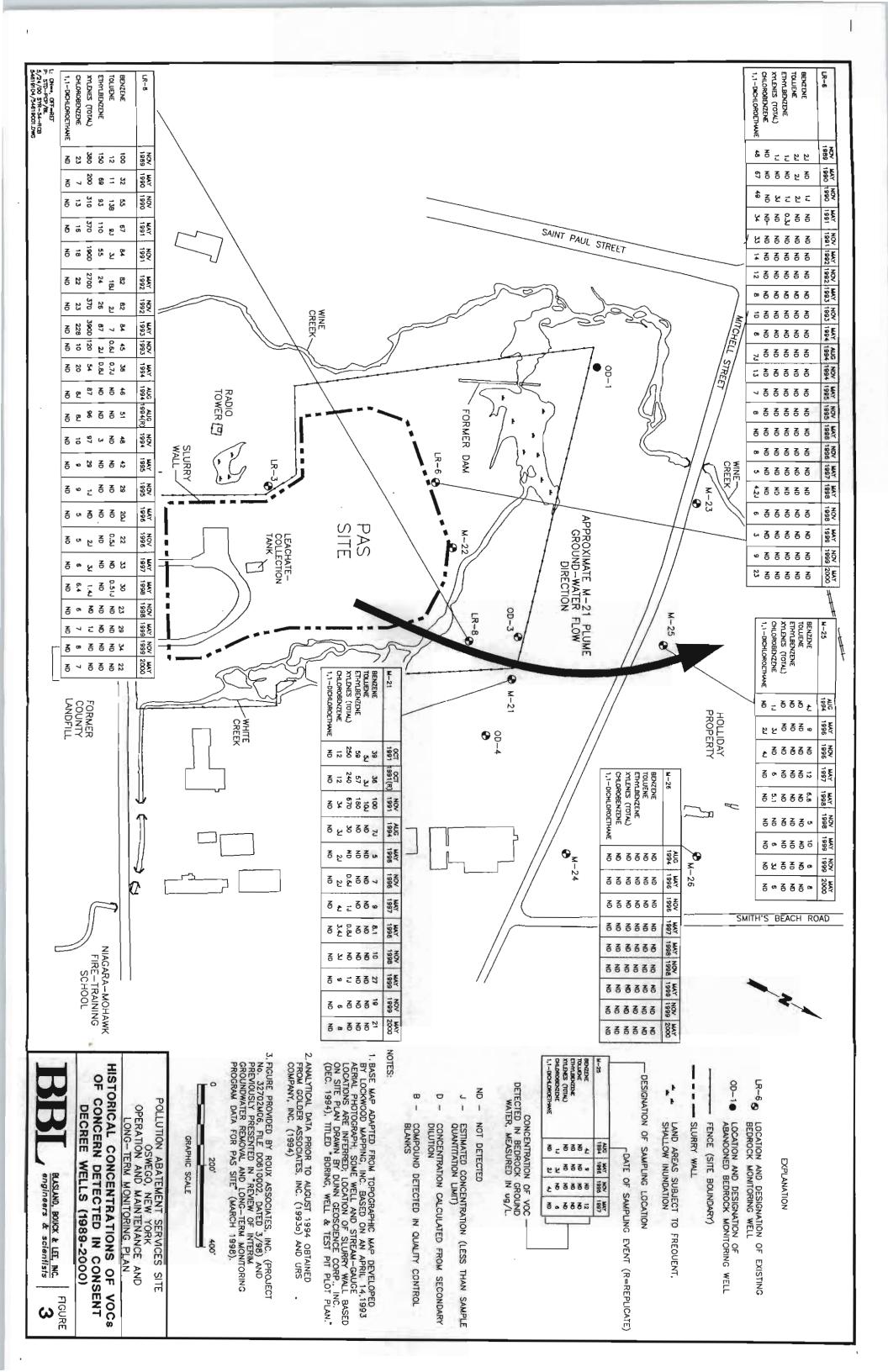
Votes:

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 Water levels in all LCW-series and SWW-series wells monitored monthly. Water levels in all M-series and LR-series wells monitored quarterly.

and LCW-4) monitored semi-annually. Sediment quality monitored annually during the fall.

Leachate will be removed from LCW-senes wells as necessary based on pre-pumping water level measurements collected from SWW-senes 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.

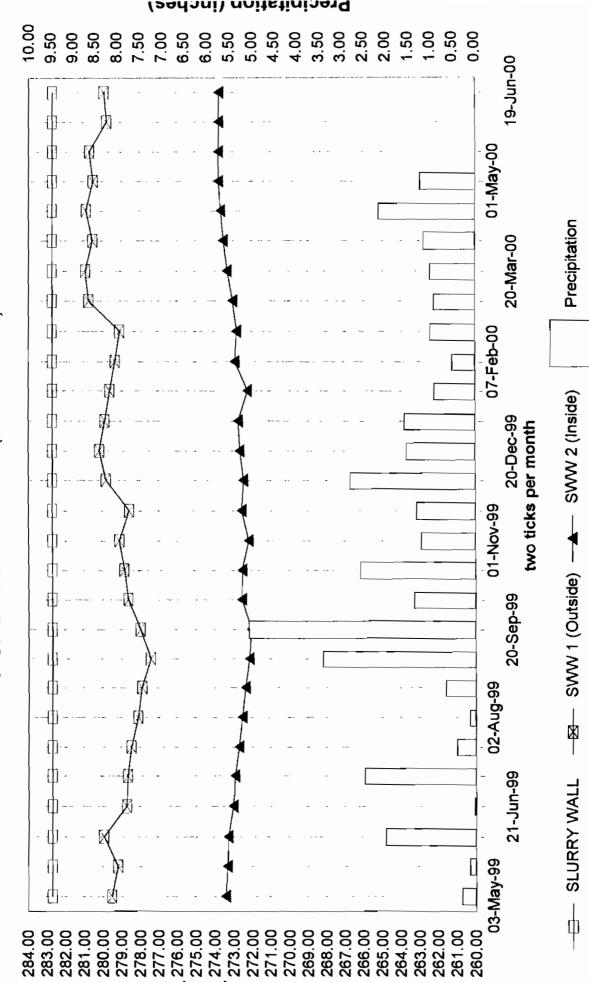


Attachment 1

BBL ENVIRONMENTAL SERVICES, INC.

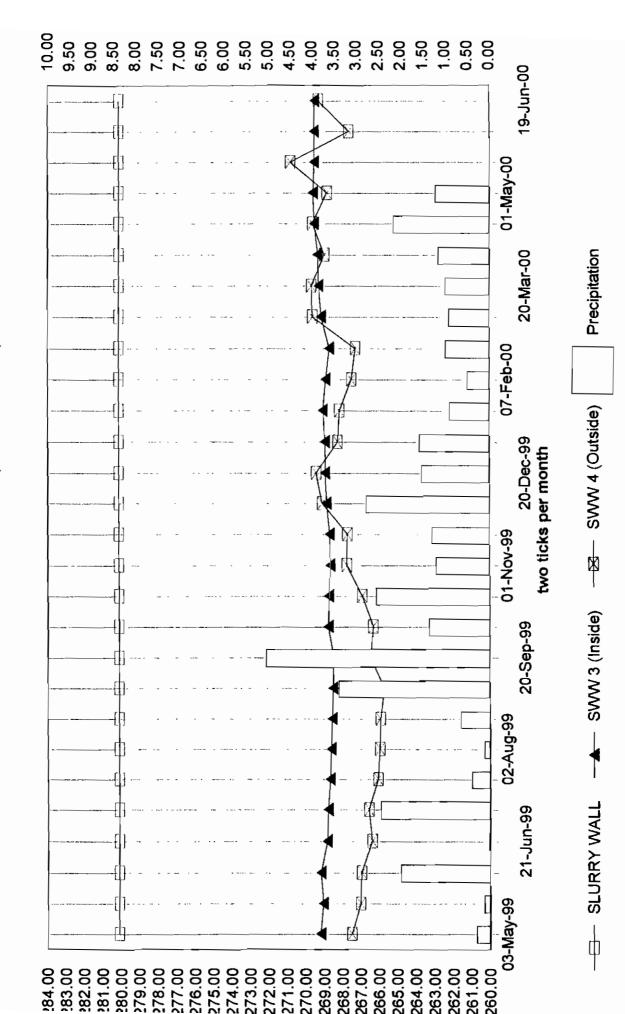
PAS - OSWEGO

GROUNDWATER ELEVATIONS (SWW1 & SWW2)



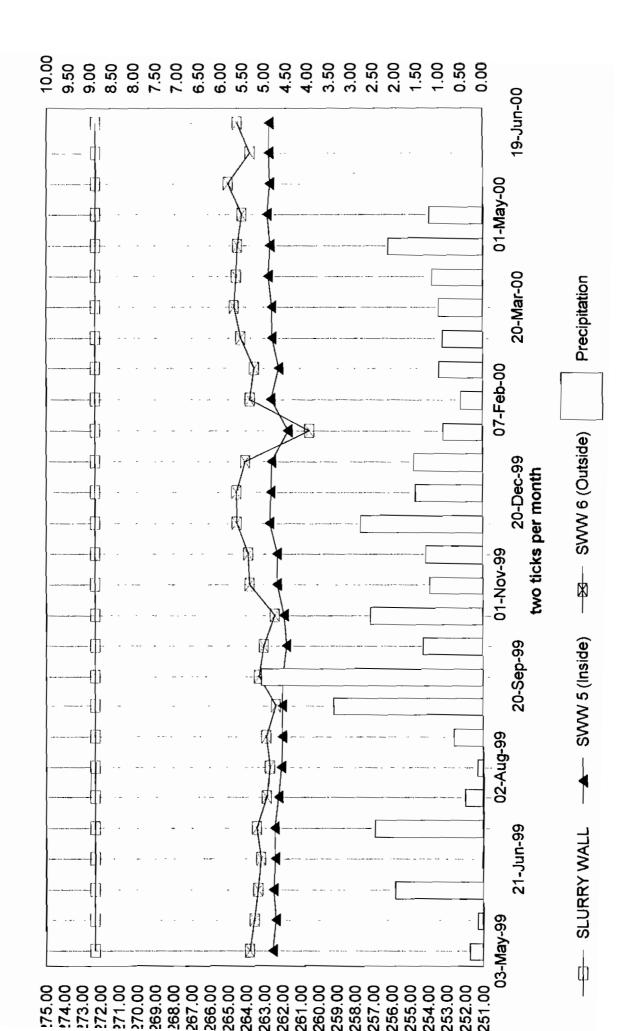
PAS - OSWEGO

GROUNDWATER ELEVATIONS (SWW3 & SWW4)

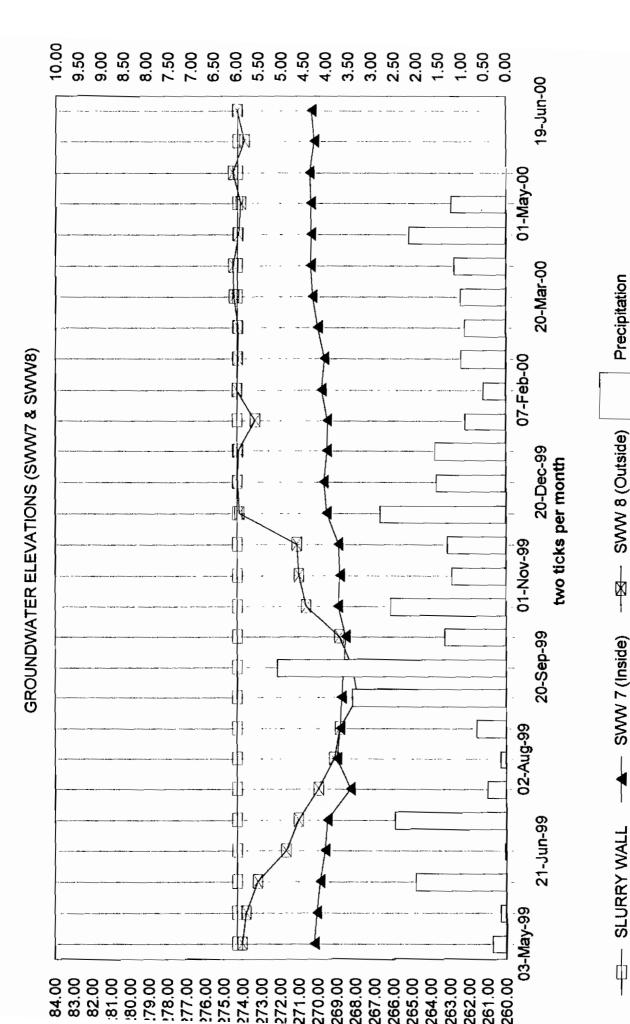


PAS - OSWEGO

GROUNDWATER ELEVATIONS (SWW5 & SWW6)

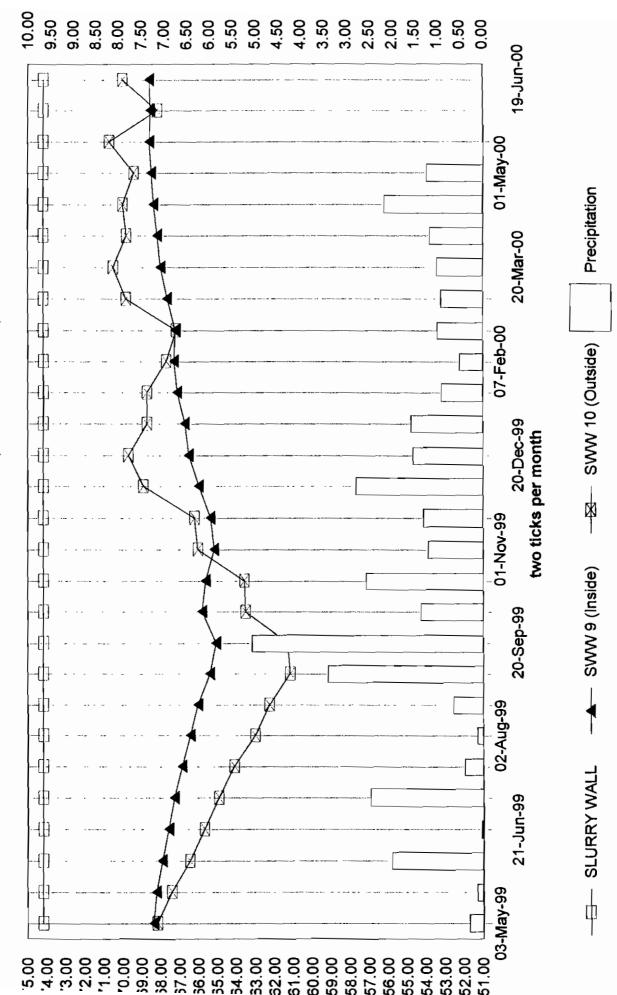


PAS - OSWEGO



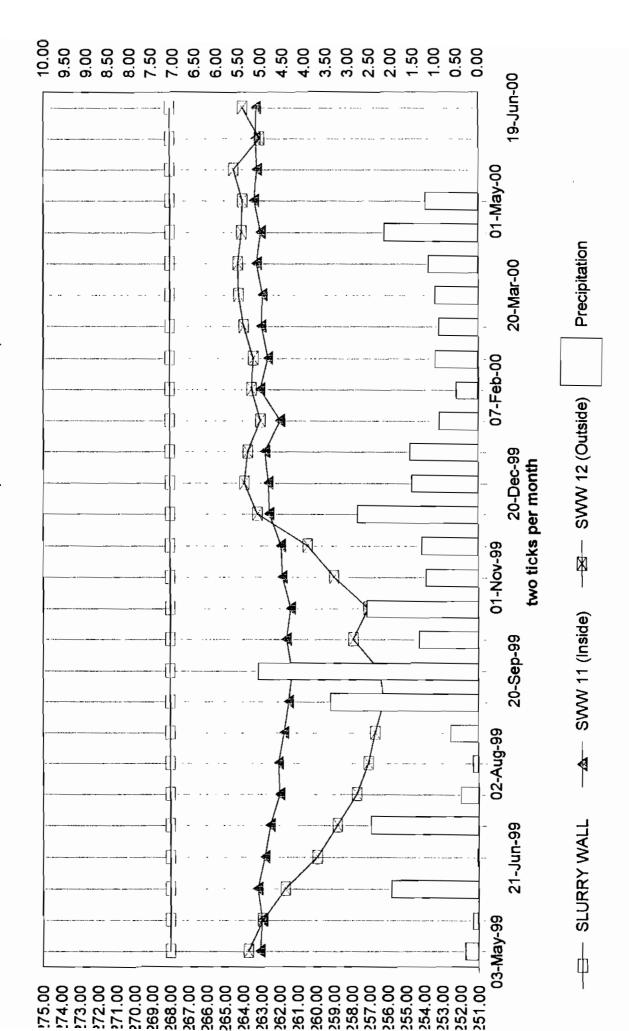
PAS - OSWEGO

GROUNDWATER ELEVATIONS (SWW9 & SWW10)



PAS - OSWEGO

GROUNDWATER ELEVATIONS (SWW11 & SWW12)



03-Apr-2000

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

Well	Ground	Riser	DTW During	el i gay	la .	Acceptable Range	Within]	Range?	Within Range? Ground-Water	
Number	Elevation	Elevation	Previous Event	Reading 1	Reading 2	for DTW	Yes	No	Elevation	Reading 3
SWW1	286.20	289.33	8.43	8.82	8.82	7.93 to 10.77	×		280.51	
SWW2	286.30	289.37	16.07	15.85	15.85	15.57 to 17.07	×		273.52	
SWW3	286.00	286.50	17.23	17.18	17.18	16.73 to 18.30	×		269.32	
SWW4	282.90	283.60	13.95	14.63	14.63	13.45 to 16.83	×		268.97	
SWW5	275.90	277.02	14.43	14.23	14.23	13.90 to 15.32	×		262.79	
9MMS	270.90	273.06	8.39	8.51	8.51	7.89 to 10.01	×		264.55	
SWW7	273.30	277.93	7.63	7.54	7.54	7.13 to 8.78	×		270.39	
SWW8	275.70	278.24	3.75	3.71	3.71	3.25 to 4.48	×		274.53	
8WW8	283.30	285.55	17.56	17.39	17.39	17.06 to 18.85	×		268.16	
SWW10	279.30	280.43	9.94	10.63	10.63	9.44 to 13.76	×		269.80	
SWW11	271.00	273.50	10.58	10.27	10.27	9.97 to 11.41	×		263.23	
SWW12	270.20	272.82	8.62	8.58	8.58	8.12 to 9.91	×		264.24	
LCW-1	271.40	272.21	11.57	10.53	10.53	9.82 to 12.21	×		261.68	
LCW-2	272.60	274.44	13.84	12.77	12.77	12.07 to 14.46	×		261.67	
LCW-3	283.30	284.36	18.60	18.72	18.72	18.10 to 19.33	×		265.64	
LCW-4	283.80	285.70	18.81	18.47	18.47	18.31 to 20.61	×		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	Ground	Riser	DTW During	l. s		Acceptable Range	Within Range?	Range?	Ground-Water	
Number	Elevation	Elevation	Previous Event	Reading 1	Reading 2	for DTW	Yes	No	Elevation	Reading 3
SWW1	286.20	289.33	8.82	8.48	8.48	7.93 to 10.77	×		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	00.71	17.00	16.73 to 18.30	×		269.50	
SWW4	282.90	283.60	14.63	14.00	14.00	13.45 to 16.83	×		269.60	
SWW5	275.90	277.02	14.23	14.33	14.33	13.90 to 15.32	×		262.69	
SWW6	270.90	273.06	8.51	8.57	8.57	7.89 to 10.01	×		264.49	
SWW7	273.30	277.93	7.54	7.56	7.56	7.13 to 8.78	×		270.37	
SWW8	275.70	278.24	3.71	4.00	4.00	3.25 to 4.48	×		274.24	
SWW9	283.30	285.55	17.39	17.20	17.20	17.06 to 18.85	×		268.35	
SWW10	279.30	280.43	10.63	10.45	10.45	9.44 to 13.76	×		269.98	
SWW11	271.00	273.50	10.27	10.49	10.49	9.97 to 11.41	×		263.01	
SWW12	270.20	272.82	8.58	8.77	8.77	8.12 to 9.91	×		264.05	ļ
LCW-1	271.40	272.21	10.53	11.58	11.58	9.82 to 12.21	×		260.63	
LCW-2	272.60	274.44	12.77	13.83	13.83	12.07 to 14.46	×		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		×	267.50	18.20

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

Well	Ground	Riser	DTW During			Acceptable Range	Within Range?		Ground-Water	
Number	Elevation Elevation	Elevation	Previous Event	Reading 1	Reading 2	for DTW	Yes	S.	Elevation	Reading 3
SWW1	286.20	289.33	8.48	8.85	8.85	7.93 to 9.32	×		280.48	
SWW2	286.30	289.37	15.71	15.60	15.60	15.21 to 16.86	×		273.77	
SWW3	286.00	286.50	17.00	16.94	16.94	16.50 to 17.86	×		269.56	
SWW4	282.90	283.60	14.00	14.77	14.77	13.45 to 15.13	×		268.83	
SWW5	275.90	277.02	14.33	14.17	14.17	13.73 to 14.95	×		262.85	
SWW6	270.90	273.06	8.57	8.83	8.83	7.89 to 9.27	×		264.23	
SWW7	273.30	277.93	7.56	7.54	7.54	7.04 to 8.41	×		270.39	
8MMS	275.70	278.24	4.00	4.11	4.11	3.21 to 4.50	×		274.13	
6MMS	283.30	285.55	17.20	17.07	17.07	16.70 to 18.42	×		268.48	
SWW10	279.30	280.43	10.45	11.03	11.03	9.44 to 11.13	×		269.40	
SWWII	271.00	273.50	64:01	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	×		261.77	
LCW-2	272.60	274.44	13.83	12.70	12.70	12.27 to 14.34	×		261.74	
LCW-3	283.30	284.36	18.48	18.61	18.61	17.98 to 19.28	×		265.75	
LCW-4	283.80	285.70	18.20	17.93	17.93	17.70 to 19.68	×		267.77	
LR-2	287.50	289.85	13.27	13.13	13.13	12.77 to 16.01	×		276.72	
LR-3	275.50	278.06	8.79	8.55	8.55	8.58 to 12.34		×	269.51	8.55
LR-6	270.90	274.39	10.73	10.60	10.60	10.23 to 13.72	×		263.79	
LR-8	270.00	273.42	68.6	10.02	10.02	9.39 to 16.08	×		263.40	
M-21	270.28	272.32	9.40	9.51	9.51	8.90 to 12.65	×		262.81	
M-22	270.40	273.88	10.57	10.53	10.53	10.07 to 13.63	×		263.35	
M-23	267.98	270.49	12.03	12.39	12.39	11.53 to 14.66	×		258.10	
M-24	276.49	277.94	14.39	14.44	14.44	13.89 to 17.89	ж		263.50	
M-25	264.56	265.84	6.95	7.50	7.50	6.45 to 10.29	×		258.34	
M-26	271.85	273.38	7.64	9.41	9.41	7.14 to 16.08	×		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	Ground	Riser	DTW During			Acceptable Range	Within Range?	Range?	Ground-Water	
Number	Elevation	Elevation	Previous Event	Reading 1	Reading 2	for DTW	Yes	No	Elevation	Reading 3
SWW1	286.20	289.33	8.85	8.65	8.65	7.93 to 9.32	×		280.68	
SWW2	286.30	289.37	15.60	15.60	15.60	15.21 to 16.86	×		273.77	
SWW3	286.00	286.50	16.94	17.00	17.00	16.50 to 17.86	×		269.50	
SWW4	282.90	283.60	14.77	12.80	12.80	13.45 to 15.13		×	270.80	12.80
SWW5	275.90	277.02	14.17	14.32	14.32	13.73 to 14.95	×		262.70	
9MMS	270.90	273.06	8.83	8.06	8.06	7.89 to 9.27	×		265.00	
SWW7	273.30	277.93	7.54	7.45	7.45	7.04 to 8.41	×		270.48	
SWW8	275.70	278.24	4.11	3.66	3.66	3.21 to 4.50	×		274.58	
6MMS	283.30	285.55	17.07	16.98	16.98	16.70 to 18.42	×		268.57	
SWW10	279.30	280.43	11.03	9.73	9.73	9.44 to 11.13	×		270.70	
SWW11	271.00	273.50	10.14	10.29	10.29	9.77 to 11.08	×		263.21	
SWW12	270.20	272.82	8.83	8.33	8.33	8.08 to 9.38	×		264.49	
LCW-1	271.40	272.21	10.44	11.20	11.20	10.03 to 12.08	×		261.01	
LCW-2	272.60	274.44	12.70	13.47	13.47	12.27 to 14.34	×		260.97	
LCW-3	283.30	284.36	18.61	18.27	18.27	17.98 to 19.28	×		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	Ground	Riser	DTW During			Acceptable Range	Within Range?	Range?	Ground-Water	
Number	Elevation	Elevation	Previous Event	Reading 1	Reading 2	for DTW	Yes	No	Elevation	Reading 3
SWWI	286.20	289.33	8.65	9.57	9.57	7.98 to 9.35		×	279.76	9.57
SWW2	286.30	289.37	15.60	15.62	15.62	15.10 to 16.35	×		273.75	
SWW3	286.00	286.50	17.00	17.00	17.00	16.44 to 17.68	×		269.50	
SWW4	282.90	283.60	12.80	15.97	15.97	12.30 to 15.27		×	267.63	15.97
SWWS	275.90	277.02	14.32	14.27	14.27	13.67 to 14.83	×		262.75	
9MMS	270.90	273.06	8.06	9.28	9.28	7.56 to 9.33	×		263.78	
SWW7	273.30	277.93	7.45	7.70	7.70	6.95 to 8.06	×		270.23	
SWW8	275.70	278.24	3.66	4.30	4.30	3.16 to 4.61	×		273.94	
6MMS	283.30	285.55	16.98	17.03	17.03	16.48 to 17.89	×		268.52	
SWW10	279.30	280.43	9.73	12.27	12.27	9.23 to 11.53		×	268.16	12.27
SWW11	271.00	273.50	10.29	10.14	10.14	9.64 to 10.99	×		263.36	
SWW12	270.20	272.82	8.33	9.75	9.75	7.83 to 9.33		×	263.07	9.75
LCW-1	271.40	272.21	11.20	10.46	10.46	9.94 to 12.08	×		261.75	
LCW-2	272.60	274.44	13.47	12.71	12.71	12.20 to 14.33	×		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	х		266.90	

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

Well	Ground	Riser	DTW During			Acceptable Range	Within Range?	Range?	Ground-Water	
Number	Elevation	Elevation	Previous Event	Reading 1	Reading 2	for DTW	Yes	No	Elevation	Reading 3
SWWI	286.20	289.33	9.57	9.44	9.44	7.98 to 9.35		×	279.89	9.44
SWW2	286.30	289.37	15.62	15.63	15.63	15.10 to 16.35	×		273.74	
SWW3	286.00	286.50	17.00	17.04	17.04	16.44 to 17.68	×		269.46	
SWW4	282.90	283.60	15.97	14.33	14.33	12.30 to 15.27	×		269.27	
SWWS	275.90	277.02	14.27	14.29	14.29	13.67 to 14.83	×		262.73	
9MMS	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	×		270.36	
SWW8	275.70	278.24	4.30	3.90	3.90	3.16 to 4.61	X		274.34	
6MMS	283.30	285.55	17.03	16.98	16.98	16.48 to 17.89	×		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	×		261.17	,
LCW-2	272.60	274.44	12.71	13.31	13.31	12.20 to 14.33	×		261.13	
LCW-3	283.30	284.36	18.33	18.15	18.15	17.77 to 19.22	×		266.21	
LCW-4	283.80	285.70	18.80	19.63	19.63	17.43 to 19.19		×	266.07	19.63

Attachment 2

BBL ENVIRONMENTAL SERVICES, INC.

PAS Site Oswego, New York

Leachate Disposal Checklist

	ject Personne Br	<u></u>			ECOS Destination	Ci3OAM Time On-Site	
		 	PUMPII	NG RECORD FROM WELL	S TO TANK		
		Collection umping		ping Flow Rate Analysis	Flow Rate		
Well	Start Time	Stop Time	Time	Tank Elev: (Ft Down)	Calculation	Remarks	
LCW-1	6:40	950			Sie Below	INTERMITIMET OFFERTION	
LCW-2	6:40	950					•
∴W-3	6:40	910				V	
LCW-4					•		
Initial Flo	e Holding Tan w Meter Readin w Meter Readin	- 0,00 0 m	CK MTASLE TNOP	iment Q=	9218 GALS	= 35 GPm	
(HAD TO	JU~P STARET VA	IC TRUCK					

morare @ 8:20mg

	(Pte-E	oading) Tanker	(Post-l	oeding) Tanker	Destination	
Load	Time	Confirmed: Clean	Time	Tanker Yokime (By Stick Meas.)	Manifest	Remarks
Load #1	g;30	VES	910	5238	(ECOS 144/1/9135	W.O.# 282856
Load #2	1350) see	1430	3990	CECOS NYG17A144	W.O.H 202082
Load #3		* REPLACEMENT TIANVER IS CLEAN				·
,oed #4			TOTAL	9,218		

⁻ INO TANKER APRIVED @ 925 Am,

⁻ INSTITUTE THINKER # J. AND NOTICES AN OILY RESIDUE ON SIDES OF THINK AND PRODUCT COVERY BOTTOM OF THINK, OFF. AND TO A PRODUCT ON A PERMANENT OF ARRIVED (1330)

PAS Site Oswego, New York

Leachate Disposal Checklist

	iect Personne EC tion Subcontra	<u> </u>			3 00 ate COS • Destination	Time On-Site
			PUMPII	NG RECORD FROM WELL	S TO TANK	
		Collection umping:		ping Flow Rate Analysis	Flow Rate	
Well	Start Time	Stop Time	Time	Tank Elev. (Ft. Down)	Calculation	Remarks
LCW-1	550	1010			SEBLOW	INTERNITION OFERATION
LCW-2	550	955				
W-3	550	940				
JW-4	7.00	1026				\bigvee
Initial Flo	e Holding Tan w Meter Readin w Meter Readin	ng:		ASUREMENT (2 = 15.400 GAL 415 MAN	= 376fm

	(Pro-L	rading) Tanker	(Post-L	oeding): Tanker	Destination:	
Load	Time	Confirmed: Clean	Ilme	Tanker Volume (By Stick Meas.)	Manifest	Remarks
Load #1	900	YES	930	5,200	CECOS 18461719117	W. 6.7 282916
Load #2	935	VES	1030	5,00	C&COS NYG1719198	W.0#282917
Load #3	1035	Yes	1130		GCOS NVG1719189	W.O.# 28742
.oad #4			TOTAL	15,400	1	

PAS Site Oswego, New York

Leachate Disposal Checklist

	ject Personne			CEC	OS Destination	Time On-Site
			PUMPI	NG RECORD FROM WELL	LS TO TANK	
	•	Collection umping		pling Flow Rate Analysis	Flow Rate	
Well	Start Time	Stop Time	Time	Tank Elev. (Ft. Down)	Calculation	Remarks
LCW-1	545	,				INFORMITMI OPERATION
LCW-2	545					
W-3	5:45					
	5:45					V
Initial Flo	e Holding Tan w Meter Readin w Meter Readin	ng: , , , SED S		sulement q=	10, 40 GALS	= 41 GPm

	(Pre-L	eding) Tanker	(Post-E	oeding): Tenker	Destination	
Load	Time	Confirmed. Clean	Time	Tanker Volume (By Stick Meas.)	Manifest	Remarks
Load #1	805	YES	9:30	5260	GECOS	W.O.# 282943
Load #2	935	YES	1015	5,100	ŒCOS	6.0.# 282944
Load #3						
oad #4			10141	10,340		

PAS Site Oswego, New York

PUMPING RECORD FROM WELLS TO TANK

,			oing Flow Rate Analysis	Flow Rate	_
Start Time	Stop Time	Time	Tank Elev. (Ft. Down)	Calculation	Remarks
5.40	9130			SEK BELOW	INTERMITTENT OFFERTON
5140	9:40]
5,40	9:40				
5.40	9.30				J J
	Well:Pt	Start Time Stop Time	Well Pumping Well Pum Start Time Stop Time Time 5,40 9130 5,40 9140	Well Pumping Well Pumping Flow Rate Analysis Start Time Stop Time Time Tank Elev. (Ft. Down) 5,40 9130 5,40 9130 5,40 9140	Well Pumping Well Pumping Flow Rate Analysis Start Time Stop Time Time Tank Elev. (Ft. Down) 5.40 9130 \$\frac{\frac{1}{2}}{2} \frac{1}{2} \frac{1}{2

eachate Holding Tank: USED STICK WEASUREMENT

nitial Flow Meter Reading:

Final Flow Meter Reading: METEZ (NC

Q= 15 434 GMS = 386Pm

	(Pre-Lo	eding) Tanker	(Post-L	oeding): Tankes	Destination 3	Remarks
Load	Time	Confirmed. Clean	Time	Tanker Yokime (By Stick Meas.)	Manifest	Berma
Load #1	8:15	Nes	020	48/4"		W.O.# 183000
	כווט	YES	930	5317	my61719234	4 4 4 4 4
Load #2	935	1.70	1045	5 100		WD.# 183.001
	ענד	YES	1075	5,100	WYG1719243	6.0.4 283 00)
Load #3	1055	VES	1145	5017	CECOS NYG 1719252	(W.O. 203) 000
.oad #4	15.5	(0)	11 10	<u> </u>	111111111111111111111111111111111111111	
				78770	15, 434	

PAS Site Oswego, New York

Leachate Disposal Checklist

	iect/Personne BFC tion Subcontra			<u> </u>	/U/) ate OS Destination	Time On-Site
			PUMPIN	IG RECORD FROM WELL		
•:		Collection	9 /	ing Flow Rate Analysis	Flow Rate	
Noli	Start Time	Stop Time	Time	Tank Elev. (Ft. Down)	Calculation	Remarks
CW-1	6:45	9:30			SEE BELOW	INTERMITHAT OPERATION
CW-2	6:45	4:10				
W-3	6:45	9:05				
JW-4	6:45	8:55				
itial Flo	Moter Reading Meter Reading	. 0750	STICK ME	Assire Ment Q	9982 6A	15 = 33 GPM

	(Pre-L	rading) Tanket	(Post-t	oeding) Tanker	Destination	
Loed	Time	Confirmed. Clean	Time	Tanker Yokime (By Stick Meas.)	Manifest	Remarks
Load #1	315	YES	900		CECOS NYG 1719216	UACTEUCC W.O. # 283003
Load #2	910	YES	1000	11900	CECES NY61719261	UAC HEUCK W.O.# 283004
Load #3						
.oad #4			FOR	99826ms		

PAS Site Oswego, New York

Date: 4/5///O		Time: 6.50
Personnel: ///fixoN		Weather: Swow 330 Hail
,,,,,,		-
Site Feature	Previous Inspection	Condition/Maintenance/Activity toward
Editor da	Date	Condition/Maintenance/Activity.in
Cap	The second companies of the companies and the second companies and the second companies and	
Burrowing Animals		OK
Cap Vegetation		ok
Concrete Drainage Trough		OK
French Drain		OK
Weeds		ok
Leachate Collection System		
Pumps		OK
Pump Controls/Alarms		OV
Tank Level		OK .
Monitoring Wells		
Locks		DK
Riser		ok
Surface Completion		OK.
General Site Conditions		
Foliage		No.
Perimeter Fence		OK STILL NEED TO PEROVE TREE BY OLD DAN
Site access drive		δK
Stream gauges		OK
Other Items		
Equipment Storage Shed		OK
		OK
Fire Extinguisher		

PAS Site Oswego, New York

Date: 5/3/00 Personnel: 7-HEAS	on /	Time: 5,30 Weather: SUN 380 IN The 65 IN AFFE
Site:F.eature	Previous Inspection Date	Condition/Maintenance/Activity
Сар		OV
Burrowing Animals		OK
Cap Vegetation		OK .
Concrete Drainage Trough		OV.
French Drain		OY.
Weeds		OK
Leachate Collection System	l	
Pumps		OV
Pump Controls/Alarms		
Tank Level		OV
Monitoring Wells		
Locks		OK
Riser		0K
Surface Completion		OK
General Site Conditions		
Foliage		OK
Perimeter Fence		l ok
Site access drive		0K
Stream gauges		OK
Other Items		
Equipment Storage Shed		OK
Fire Extinguisher		0K
Spill Control Materials		OK
REMARKS/SPECIAL MAINTENANC	E: (include separate detailed	d maintenance report, if necessary)
··		

PAS Site Oswego, New York

115/M		Time: 5:30
Personnel:		Weather: (UN 51 High NEAR
- /JF1		300 31 1391 1000
Site Feature	Previous Inspection	(Condition/Maintenance/Activity)
Cap		
Burrowing Animals	()	OY
Cap Vegetation		OK
Concrete Drainage Trough		USED GAS BRUSH WACKER TO KNOW MOUNT MENCHEN
French Drain	 	(9)
Weeds		OV
Leachate Collection System		
Pumps		OK.
Pump Controls/Alarms		O.V
Tank Level		\circ
Monitoring Wells		
Locks		OV.
Riser		OK
Surface Completion		OK
General Site Conditions		
Foliage		OV
Perimeter Fence		
Site access drive		NP
Stream gauges		06
Other Items		
Equipment Storage Shed		OK
		OK WIL HAVE ANNUM INJEGTON DONE.
Fire Extinguisher		

PAS Site Oswego, New York

Date: 6/7/00		Time: 5-30					
Personnel:		Weather: Sun 6/0					
Site Feature	Previous Inspection	Gondition/Maintenance/Activity (1987)					
Сар							
Burrowing Animals		ac					
Cap Vegetation		ON NEWS FREST CUT					
Concrete Drainage Trough		Ŏγ					
French Drain		o[
Weeds		101					
Leachate Collection System							
Pumps	· ·	OY					
Pump Controls/Alarms		ak					
Tank Level		06					
Monitoring Wells							
Locks		OV					
Riser		O)C					
Surface Completion		06					
General Site Conditions							
Foliage		nc					
Perimeter Fence		DIC					
Site access drive		AV					
Stream gauges		Νζ					
Other Items							
Equipment Storage Shed		OY					
Fire Extinguisher		av Juy Ingeres					
Spill Control Materials		8V					
REMARKS/SPECIAL MAINTENANCI	E: (include separate detailed	d maintenance report, if necessary)					
	•						

PAS Site Oswego, New York

Personnel: 1. Henson			Time: 6, 30
			Time: 6, 30 Weather: 64, 70
			-
Site Feature	Previous Inspection	Condi	ion/Maintenance/Activity
Сар			
Burrowing Animals		OK	
Cap Vegetation		OK	WILL BE MOWERS SOON
Concrete Drainage Trough		OV_	
rench Drain		OL	
Needs		OK	
Leachate Collection System			
² umps		KOV.	
Pump Controls/Alarms		62	
Tank Level		02	
Monitoring Wells			
ocks		ÓУ	
Riser		012	
Surface Completion		OK	
General Site Conditions			
Foliage		ÓY_	
Perimeter Fence		DK	
Site access drive		DK.	
Stream gauges		02	
Other Items			
Equipment Storage Shed		OK	
Fire Extinguisher		XX	
rife Extiliguisher	1		

Attachment 3

BBL ENVIRONMENTAL SERVICES, INC.

NYG 1719135

DEFARTMENT OF ENVIRONMENTAL CONSERVATION DIVISION OF SOLID & HAZARDOUS MATERIALS

T

Please type or print. Do not staple

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

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

(Hazardous Wasie Mankest 1/5/99)

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's l	US EPA ID No.	Manifest D	oc. No.	2. Poge	1		neovy bold line aderol Low.	
	NYDO	0 0 5 1 1 6 5	9 6 6 6	16	1				
3. Seperator's Name and Mailing Add I'AS Uswego Site Par C/o BBL Environmen 6723 Towpath Road,	riss Micipation	Agreement Ples, Inc. Attn c 66, Syracus	arties	Ую Г	B. Genéro	NYG 171	tion	Abatement	
Generator's Telephone Number (Transporter 1 (Company Name)	OSW	5559 - N.Y. 132							
5. Transporter 1 (Company Name) 6. US EPA ID Number C. State Transporter's ID 2017年 Corp. 14 Y 米 0 0 0 0 4 5 7 2 4 D. Tronsporter's Telephone (800) 677-8003									
7 Transporter 2 (Company Name)			E. State Transporter's ID						
/ Indisponer 2 (Company Name)									
9. Designated Facility Name and Site Address 10. US FRAID Number G. State Facility ID									
9. Designated Facility Name and Site CECOS International	. Inc.	10. US EPA ID Number			G. State I	edility ID			
5600 Niagara Falls 8 Magara Falls, MY 1	4304	итраво	3 3 6 7		H. Facility	Telephone (716	28	2-2676	
11. US DOT Description (Including Pro	oper Shipping No			12. Co	ntoiners	13 Total	14. Unit		
	, , , , ,	•	·	Number	г Туре	Quantity	Wt/Val	I. Wasie No.	
o. Ku. Waste, Enviro	misentally	Hazardous S	ubstand	e.				EDA	
o. Ku. Waste, Environ Liquid, 9, n.o.s., t Leachate, F039 (Ben	JN3082 P	G III, Multi-S	ource		.	J 7777 77 7	ا ہر ا	F039	
Leachate, F039 (Ben	izene, Tol	luene, Xylene		0 0 1		05 d 3K	G	STATE	
ь.								EPA	
					1 1	' !		STATE	
						l i		FD1	
c					1.1			EPA	
					1 1	.		STATE	
d.	_				 - -			EPA	
						i		STATE	
J. Additional Descriptions for Moterio Water 39 %, Toluene a Aylene 0.0011%, Ba	ls listed Above	000023	1	!	K. Handling Codes for Wastes Listed Above				
a Aylene Ground, 130	STILE VAL	<u> </u>			a 5.43 c L				
ь	1	d			ь	21.0	d		
15. Special Handling Instructions and	Additional Inform	matian							
13. Special righting fisherious and	Accordance into in	monori	Pen	duct	Code	12285-A	AB		
Emergency R	ยรองกรด หิ	lefer to ERG-	171 ''	wet	Code	12203-7	1A0		
24-Hour Cont			₩ar	k Ord	der N	a.: 387	957		
16. GENERATOR'S CERTIFICATION:					_	W:1.7471	ve by pro	ner shipping name	
and are classified, packed, marked ar									
national gavernment regulations and		-							
If I am a lorge quantity generator, I contains to be economically practicable and the	•					_	-		
present and future threat to hyman h		-				•			
generation and select the best year	manacement met	thod that is available in	e and that I	can afford	d .				
for PAS Site Particip	PAS A	GentSignature	Burn				Δ^{M_0}	Day Year	
TOT TITO SILE W BELICIP	Partie	_	X/8. 3					<u> </u>	
17. Transporter 1 Acknowledgement			1			2			
Printed/Typed Name	111	Signature		/	1	_ زرخهسس	Mo.	Day Year	
INAKK M	トノカンメル	v 🔃 🕖 Ve	the .	La	CYC.	16. (1)	114	0500	
18. Transporter 2 Acknowledgement	of Receipt of Mate	erials			_	•			
Printed/Typed Name		Signature	- 1				Mo.	Day Year	
			,				1		
19. Discrepancy Indication Space									
	Quantit	y received	21.79	. To	ns				
20. Facility Owner or Operator: Cert	ification of receipt	t of hazardaus materials (avered by th	is manifes	st except o	os nated in Item 19	9.		
Printed/Typed Name		Signature	* 	_	<u>-</u>		Ma.	Day Year	
Richard A D. C. occ. o	71	Rolad	0 11		1	•	n	2 () ()	
- m . i . a . a . b . i . i . i . i . i . i . i . i . i							71 11.	n , ,, ,,	

NYG 1719144

DEFARIMENT OF ENVIRONMENTAL CONSERVATION DIVISION OF SOLID & HAZARDOUS MATERIALS

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

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

(Hazardous	Waste	Manifest	1/5/991		

	UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's U	JS EPA ID No.	Manifest D	ac. No.	2. Poge 1	of Information is not requ		eavy bold line ederol Law.	
		NYDO	0 0 5 1 1 6 5	9000	17	1]			
	3.Generator's Name and Mailing Add PAS Oswego Site Par C/o BBL Environment 6723 Rowpath Ruad, 4. Generator's Telephone Number (5. Transporter 1 (Company Name) 3 Uffalo Fuel Corp. 7 Transporter 2 (Company Name) 9. Designated Facility Name and Site CEC()'S International, 5000 Niagara Falls is Niagara Falls, NY 1	Address Inc. oulevard	Agreement Pes, Inc. Attn 66, Syracus 1120 132 6. US EPA ID Number N Y KO O O 8. US EPA ID Number 10. US EPA ID Number	arties : L.W. e. NY 14-0066 0 4 5 7	2 4 T	A. NYG 1719144 B. Gehérator's ID Pollution Abatement Sarvices Site, E. Geneca St. C. State Transporter's ID D. Transporter's Telephone (
	, , ,				Number	Туре	Quantity	Wt/Vol	I. Waste No.	
SENERATOR	RO, Waste, Environmental Liquid, 9, n.o.s., Leachate, F039 (Ben b.	nmentally JN3082, Pi zene, Toli	Hazardous S G III, Multi-S uene, Xylena	ubstanc ource)	e, 0 0 1	TIT	3980	Ġ	EPA FO39 STATE EPA STATE	
E.	c			1	1 1		1 1 1		EPA	
		·			<u> </u>		1		STATE	
	d.				1 1	1,1	5 1 1 1		EPA	
			<u></u>			<u> </u>	;		STATE	
	J. Additional Descriptions for Materia Nater 998, Toluene o Xylene 0.00118, Bo	0.00045%	3700078			K. Hondling Cades for Wostes Listed Above				
	ь		d			ь	Night streets	а		
	Emergency Re 24-Hour Cont 16. GENERATOR'S CERTIFICATION: and ore classified, packed, marked an national government regulations and If I am a large quantity generator, I can be economically practicable and the present and future threat to human had generation and select meltest waste Printed/Typed Name TOR PAS SILE PARKED	Thereby declare to disabeled, and are state laws and regerify that I have a at I have selected ealth and the environagement met — As Agriation	that the contents of this re in all respects in prop gulatians. program in place to red the practicable method ironment; OR if I am a shod that is available to ent. Signature	consignment a er condition for duce the valum of trealment, simall quantity	Work ire fully a r transport ie and too storage, o	nt by highwa xicity of was or disposal o r, I have ma	r No.: ely described abo ay according to a ste generated to currently available	applicable the degre le to me v	per shipping name international and tell have determined which minimizes the	
	17. Transporter I Acknowledgement	of Receipt of Mate	eriols							
RANSPORTER	Printed/Typed Name	-	Signature					Mo.	Day Year	
TRAN	18. Transporter 2 Acknowledgement Printed/Typed Name	ar keceipt of Mate	Signature				·	Mo.	Day Year	
<u>.</u>	19. Discrepancy Indication Space	Quan	Tily receive	1 17	33 +	045				
FACILITY	20. Facility Owner or Operator: Cert	ification of receipt		covered by thi	s manifes	st except as	noted in Item 19			
î	Printed/Typed Name RIChard A DiCorcio II Rulal a DiCorcio II Rulal a DiCorcio II O 40600								Day Year	

NYG 1719117

DEPARTMENT OF ENVIRONMENTAL CONSERVATION DIVISION OF SOLID & HAZARDOUS MATERIALS

Please type or print. Do not stople

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

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

Pinzardous Wasta Mankani (16 mo)

	UNIFORM HAZARDOUS WASTE MANIFEST	1. Generolor's U	S EPA ID No.	Manifest D	oc. No.	2. Poge 1			neovy bold line ederal Low.	
		NYDO	005116	5900	ارده	1				
	3.Generator's Name and Moiling Add PAS Uswego Site Pa clo BBL Environment 6723 Towpath Road, 4. Generator's Telephone Number (rticipation Ital Service	Agreement	Parties tn: L.W.		B. Genera	NYG 171	91.	17 Abatement	
ŀ	Generator's Telephone Number (Transporter 1 (Company Name)		6. US EPA ID Numbe				ronsporter's ID	SWALL	<u>n. NY 13216</u>	
١	Buffalo Fuel Corp. NY R 0 0 0 0 4 5 7 2 4 D. Transporter's Telephone (800) 677-8003									
l	7 Transporter 2 (Company Name)	E. State Transporter's ID								
F. Transporter's Telephone ()										
Ì	9. Designated Facility Name and Site	Address	10. US EPA ID Num	ber		G. State F	acility ID			
	CECOS Internationa 5600 Niagara Falls & Niagara Falls, NY 1	NY DOB		2 4	H. Facility Telephone (719 282–2676					
1	11. US DOT Description (Including Pr	oper Shipping Nan	ne, Hazard Class and	ID Number)	12. C	ontainers	13. Total	14. Unit		
١						er Type	Quantity	Wt/Vol	I. Waste No.	
	 RQ, Waste, Envir Liquid, 9, n.o.s., I Leachate, F039 (Ber 	JN3082, PC	5 III, Multi-	Source	0 0	1 7 8	# 79	G	STATE F039	
5	b.					1.1			EPA	
į						1 1			STATE	
	c			_					EPA	
1					111	1	+ $+$ $+$ $+$		STATE	
-	d,				+				EPA	
						1,1			STATE	
	J. Additional Descriptions for Materia water 99%, Toluene a Xylene 0.0011%, B	ls listed Above 0.000458 enzene 010	00107%		1	K. Hondling Codes for Wastes Listed Above				
						Prunni Pruni				
	ь		d		<u> </u>	ь		d		
	15. Special Handling Instructions on Emergency Responder Contact	onse Refer : (800) 6	to ERG -31 77-8003		W.o		der No.:		116 -	
	16. GENERATOR'S CERTIFICATION and are classified, packed, marked a notianal government regulations and If I am a large quantity generator, I a	nd labeled, and are state lows and reg	e in all respects in pr julations.	oper conditian l	or transp	art by highv	way accarding to o	pplicable	e international and	
	to be economically practicable and the present and future threat to human had generation and select the best waste	eolth and the envi	ranment; OR if I am nod that is available	o small quantity	generati	or, I have m	•	effort to	minimize my waste	
_	for PAS Site articles Actreament Parties 17. Transporter 1 Acknowledgement					- <u> </u>		Mo	J3 Doy Year	
5	Printed/Typed Name		Signature	_				Mo.	Day Year	
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5	18. Transporter 2 Acknowledgement Printed/Typed Name	or receipt of Mate	Signature		<u>_</u>			Mo.	Day Year	
-	- Trimed/Typed Name		Signatore					M0.		
	19. Discrepancy Indication Space	Quant.	17 10000	1 22.	0)	Tons				
	20. Facility Owner or Operator: Cer	tification of receipt	of hazardaus moteri	als covered by the	his monif	est except o	s noted in Item 19	7.		
Printed/Typed Name Richard A. D. Ciaco II Signature Richard A. D. Ciaco II Richard A. D. Ciaco II 15: 10:311							Day Year			
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DEPARTMENT OF ENVIRONMENTAL CONSERVATION DIVISION OF SOLID & HAZARDOUS MATERIALS



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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

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

<u> </u>						
UNIFORM HAZARDOUS 1. Generotor's I	US EPA ID No. Monife	st Doc. No.	2. Poge			eovy bold line
WASTE MANIFEST	\	33	1	is not requ	ired by Fe	ederal Law.
NYDO	005116590	0023				
3.Generator's Name and Mailing Address		- VAV.	A,		244	
3.Generator's Name and Mailing Address PAS Uswego Site Participation c/o BBL Environmental Service 6723 Towpath Road, P.O. Box 4. Generator's Telephone Number (315) 446-	Agreement Partie	3		NYG 1 / 1	.918	39
clo BBL Environmental Service	es, Inc. Attn: L.	Y. MCE	ALCOUNT	glor's ID Police	tion	Abatement
6723 Towpath Road, P.O. Box 4. Generator's Telephone Number (315) 446-	(66, Syracuse, N) 9120 12218-0	7	Servi	ces Site, t	. Se	neca St.,
4. Generator's Telephone Number (313) 440 5. Transporter 1 (Company Name)	6. US EPA ID Number	000	Oswe	Transporter's ID	216	
Buffalo Fuel Corp.	N YR 0 0 0 0 4 5	. 7 2		orter's Telephone	207	
	8. US EPA ID Number	, , , .			1000	677-60037
7 Transporter 2 (Company Name)				Transporter's ID		
	. '	1 1	<u> </u>	orter's Telephone (<u>_</u>	
9. Designated Facility Name and Site Address CECUS International, Inc.	10. US EPA ID Number		G. State	Facility ID		
5600 Niagara Falls Boulevard						
Niayara Folis, NY 14304			H. Facilit	y Telephone (🔰	6 28	32-267 6
	N Y DO 8 O 3 3 6	3 2 4 1		_		
11. US DOT Description (Including Proper Shipping Na	me, Hazard Class and ID Number	12. 0	Containers	13. Total	14. Unit	
			er Type	Quantity	W1/Vol	I. Waste No.
。RQ, Wasta, Environmentally Liquid, 9, n.o.s., UN3082, P Leachate, F039 (Benzene, To	Hazardous Substan	ice,				EPA F039
Liquid, 9, n.o.s., UN3082, P	'U III, MUIU ~200UFC (uene Yylana)	· 0 0	1 7 7	STAN	, c	STATE
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b.						EPA
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J. Additional Descriptions for Materials listed Above. Water 994 Toluene 0.000454	1		K. F	landling Cades for	Wastes Li	sted Above
1. Additional Descriptions for Materials listed Above Water 99%. Toluene 0.00045% a Xylene 0.0011%, Benzene. 0	004078	-	а	[]	c	·
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1 b	d	<u> </u>) _b		l a	
15 Section Headling Colored and Albertail		;				
15. Special Handling Instructions and Additional Inform	Pe	oduct	Code:	12285-A	AB	·
Emergency Response Refer	to ERG-171			202	11	`
24-Hour Contact: (800) 67	77-8003 We	ork Or	der No	. .: ३९३	11	,λ
16. GENERATOR'S CERTIFICATION: I hereby declare	that the contents of this consignm	ent are fully	and accur	ately described abo	ve by pre	ner thinning name
and are classified, packed, marked and labeled, and a						
national government regulations and state laws and re	egulations.					
If I am a large quantity generator, I certify that I have a				-	_	
to be economically practicable and that I have selected present and future threat to human health and the environment.	•			•		
generation and select the best waste management me	thod that is available to me and th					
Printed/Typed Name					Mo.	Day Year
for PAS Site Participation Age		والمستعملين المستعملين			1.5	1311
17. Transparter 1 Acknowledgement of Receipt of Mat	erials				. —	
Printed/Typed Name	Signature			<i></i>	Mo.	Day Year
18. Transporter 2 Acknowledgement of Receipt of Mat	Cam	Ha	w		0 5	0300
18. Transporfer 2 Acknowledgement of Receipt of Mat	erials	7 -		<u>-</u>	-	
Printed/Typed Name	Signature				Mo.	Day Year
19. Discrepancy Indication Space		1-1-				
Quar	itity received	215	9 Tm	1 (
	<u> </u>			· ,		
20. Facility Owner or Operator: Certification of receip	of hazardous materials cavered 1	y this moni	fest except	os noted in Item 1	9.	
Printed/Typed Name	Signature			_	Mo.	Day Year
Richard A D. Corco	I Redula	IL.C	·r.~. 1	77 <u>.</u>	0. 5	10300
	T - 10 - 17				V /	

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



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

(Hezardous Waste Manifest 1/5/99)

	1	UNIFORM HAZARDOUS 1. Generator's WASTE MANIFEST	US EPA ID No.	Manifest D	oc. No.	2. Poge	I of Information is not requ		eavy bold line derol Law.
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and the NYS Department of Environmental Conservation (518) 457-7362			5-9120 1321°	artles : L.W. e, NY 4-0066	McB	A. Urney B. Genero Servic Oswec	NYG 171 Hor's ID Pollu Les Site, E	919 Tion Ser	Abatement neca St.,
ion (5		5. Transporter 1 (Company Name) Suffalo Fuel Corp.	6. US EPA ID Number	0 4 5 7	7 2 4	C. State 1 D. Transp	ransporter's ID orter's Telephone	(300)	677-8003
2	İ	7 Tronsporter 2 (Company Name)	8. US EPA ID Number				ransporter's ID		
ة			:		:		orter's Telephone ()	
ental Co		 Designated Facility Name and Site Address CECOS International, Inc. 5600 Niagara Falls Boulevard Niagara Falls, NY 14304 	10. US EPA ID Number	г		G. State	Telephone (71	16) 28	32~2676
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Ž		11. US DOT Description (Including Proper Shipping N	lame, Hazard Class and IC) Number)		ontainers	13. Total	14. Unit	(W N
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ment		 RQ, Waste, Environmentali Liquid, 9, n.o.s., UN3982, Leachate, F039 (Benzene, To 	PG III, Multi-S Juene, Xylene	ource)	0 0	å Ì ╆╕	dJado) ៤	STATE
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Center (800) 424-8802		J. Additional Descriptions for Materials listed Above Water 998, Toluene 0.00045% Xylone 0.0011%, Senzene 0	1000078			K, H	andling Codes for	Wastes Li	sled Above
r (800)		ь	d		<u>.</u>	Ь		d	
å		15. Special Handling Instructions and Additional Info	ermation						_
Response Co		Emergency Response Re 24-Hour Contact: (800)	fer to ERG-171 677-8003	i Kori	c Or		JE Z	9117	
otional R		16. GENERATOR'S CERTIFICATION: I hereby declar and are classified, packed, marked and labeled, and national government regulations and state laws and If I am a large quantity generator, I certify that I have	are in oll respects in prop regulations.	er condition lo	or trons	port by high	woy according to	applicable	international and
spill immediately coll the Notional		to be economically practicable and that I have select present and future threat to human health and the egeneration and select the best waste management merinted/Typed Name	nvironment; OR if I om a s	small quantity	genera	tar, I have r	,	effort to r	ninimize my waste
ely co		for PAS Site Participation Ag	reement	Hen				<u> </u>	<u> </u>
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	SP	18. Transporter 2 Acknowledgement of Receipt of M	oterials ./						<u> </u>
ō	TRANSPORTER	Printed/Typed Name	Signature					Mo.	Day Year
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ıf en	FACILITY	20. Facility Owner or Operator: Certification of rece						9.	
In case a	FA	Richard A Di Concern I	Signature Ruch	and t	I DA	Con	~ <u>\text{\tin}\text{\tett{\text{\tetx{\texi}\text{\text{\texi}\text{\texi{\texi{\texi{\texi{\texi{\texi{\texi}\texi{\texi{\texi{\texi}\texi{\texi{\texi{\texi{\texi}\texi{\texi{\texi{\texi{\texi{\texi{\texi{\texi{\texi{\tet</u>	0 F2	Day Year 3 0 0

DEPARTMENT OF ENVIRONMENTAL CONSERVATION DIVISION OF SOLID & HAZARDOUS MATERIALS

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

Characteria Maria Maria

	UNIFORM HAZARDOUS WASTE MANIFEST	1. Generolor's US EPA	A ID No.	Manifest D	oc. No.	2.	Poge		Information is not requi			
		# Y D D D O	511165	9 8 0 6	a 7		1					
	3.Generator's Name and Mailing Add	ress Itlen Agreement	Porties	M. B		Å.		NYG	171	922	25	
1	C/O BSL Environmental Sec 6723 Towpeth Read, P.O. 1	rviess, inc. At Box 66. Syracuse	CTAL LEMBIC D. NY 13214-0	nenurney 1066		В.						t Servic
	4. Generator's Telephone Number (315, 446-9120	•			\$	Ite,	E, Se	neca St.	Dam	190, NY	13126
ľ	5. Transporter 1 (Company Name)	, 6. L	JS EPA ID Number			Ċ.	State 1	ranspo	rter's ID	120	720	/bv/
	Buffelo Feel Corp.	R	7- R 0: 0 0:	0 4:5 - 7	2 4	D.	Transp	orter's	Telephone (600	677-5	503 ノ
	7 Transporter 2 (Company Name)	8. L	JS EPA ID Number			E.	State T	ranspor	ter's ID			
		· ·	: t	1	٠	F.	Transpo	rler's T	elephone (}		
	9. Designated Facility Name and Site CECOS Internetional, Inc. 5600 Hiegere Fells Bouler	•	US EPA ID Numbe	er .		_		acility				
1	Hiagara Falls, MY 14304)				н.	Facility	leleph	none (711	6 1 2 3 2-	2676	
ŀ	11. US DOT Description (Including Pr		Y 0 0 8 0		12. C		i	13. T	-1-1	14. Unit	1	
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	J. Additional Descriptions for Moteria						K. H	andling	Codes for	Wastes L	isted Abov	′e
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ı	15. Special Handling Instructions and	Additional Information			1							
	Emergency Response Ref 24 Hour Contest: (800)	er to ERG_1-14	Pre Vo r	idaet Cada: ik Order No		1 85 -	ма 324	43				
	16. GENERATOR'S CERTIFICATION:											
	and are classified, packed, marked an notional gavernment regulations and			per condition to	or transp	OIT	oy nign	woy ac	coraing to c	ррисови	e internati	onoi ona
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	generation and select the best vaste	management method t		me and that }	con off	ord.						
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_	for PAS Site Perticipation		7	Smoot		_				05	-1-7	100
ا ۽	17. Transporter 1 Acknowledgement Printed/Typed Name	of keceipi of Moterials	Signature	-(1)	,					Mo.	Day	Year
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	1B. Transporter 2 Acknowledgement	of Receipt of Materials		_ 		1		·		. 1	<u> </u>	
2	Printed/Typed Name		Signature							Mo.	Day	Year
	19. Discrepancy Indication Space		ــــــــــــــــــــــــــــــــــــــ									
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	Kuantity	received	dista	10h 5		_						
١	20. Facility Owner or Operator: Cert	ification of receipt of h	azordous materiol	s cavered by th	is mani	fest (except	os note	d in Item 1			
2	Printed/Typed Name R. Charles A D. C	2	Signature D	DAN	20		λ			Mo.	Day	Year
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DEPARTMENT OF ENVIRONMENTAL CONSERVATION DIVISION OF SOLID & HAZARDOUS MATERIALS

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

(Hezardous Weste Manifest 1/5/99)

	UNIFORM HAZARDOUS WASTE MANIFEST	1. Generotor's U	IS EPA ID No.	Manifest Do	oc. No.	2. Poge 1	of Information		seovy bold line aderal Law.
$\left\{ \right\}$		NY D OO	0 5 1 1 6 5	9 6 0 0		1			
	3 Generator's Name and Moiling Add PAS Gamage Site Perticip C/O B&L Environmental Se 6723 Tompath Road, P.O. 1 4. Generator's Telephone Number (rvicas. Inc.	. Attn: Lonell) 0-413214, ace	le Barney 166		B. Genero	10110	tion /	53 Whatemont Servi
	5. Transporter 1 (Company Name)		6. US EPA ID Number			C. State T	ransporter's 1D orter's Telephone	090	265 (NY) 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 CECUS Interactional, inc. S600 Niegera Falls Soulevard Hisgara Falls, New York 14304 if Y D 0 3 0 3 3 5 2 4 2								1-2676
	11. US DOT Description (Including Pr	oper Shipping Nar			12. Co	ntainers	13. Total	14. Unit	-
	o. RQ, Waste, Environment n.o.s., UH3882, PG 111, H	slly Hezerdic alti-source i	s Substance, Li Leachate, F035 (lquid, 9, e (Senzene,	.4.2.	Type	Quantity	Wi/Val	1. Waste No. EPA F039 STATE
GENERATOR	Teluche, Xylene) b.				<u> </u>	\$ T T		-	EPA STATE
GENE	c								STATE
	d.								EPA STATE
	J. Additional Descriptions for Materia *ater 99%, loluene 0.0 a Xylene 0.0011%, Semzen	0045k	,			к. н	andling Codes for	Wostes L	isted Above
	ь		d		<u> </u>	ь		d	
	15. Special Handling Instructions on E Emergency Response Refer 24 Hour Contact: (800) 16. GENERATOR'S CERTIFICATION	to ERC - 7 677-8003	Preduct. Co Kork Order that the contents of thi	s consignment of	ore fully o	and accura			
	and are classified, pocked, marked a notional government regulations and If I om a large quantity generator, I of to be economically practicable and the present and future threat to human generation and select the best was be	I state laws and re- ertify that I have a not I have selected nealth and the env management met	gulations. program in place to re the practicable metholironment; OR if I am o hod that is available to	educe the valum d of treatment, small quantity	ne ond to storage, generato	oxicity of w or disposo or, I hove n	aste generaled to I currently availab	the degre ie to me effort to i	ee I have determined which minimizes the minimize my waste
H	Printed/Typed Name for PAS Site Participati 17. Tronsporter I Acknowledgement	on Agrooment		HIM COX		_		05	1700
TRANSPORTER	Printed/Typed Name 18. Transporter 2 Acknowledgemen	dir	Signature	5/2		211		Mo	Day Year
· -	Printed/Typed Name		Signature					Mo.	Day Year
LITY	19. Discrepancy Indication Space				in a 15			0	
FACILITY	20. Facility Owner or Operator: Cel Printed/Typed Name Richard A.D.C	 `	Signature	Clade				9. 0 5	Day Year

DIVISION OF SOLID & HAZARDOUS MATERIALS

DIVISION OF SOLID & HAZARDOUS MATERIALS

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

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

Hazardous Waste Manifest 1/5/99)

	UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's t		Manifest D		2. Page			neavy bold line ederal Law.
١		ANY DO	0 5 1 1 6 5	9 0 0 6	76	1			
ľ	3.Generotor's Name and Mailing Add PAS Osmego Site Participa c/o BBL EnvironmentalsSer 6723 Tompath Read, P.O. 8	ress tion Agreem vices, inc.	ent Pattles Attn: Lowell	Heburney	~~~	A. B. Gener	NYG 17	192	34 Matemant Service My 13216
	4. Generator's Telephone Number (315, 446-91	120			Site,	E. Senece	St., Oar	10ga, NY 13216
İ	5. Transporter 1 (Company Name)		6. US EPA ID Numbe	г		C. State	Transporter's ID	469	730 (NU)
Į	Buffalo Fuel Corp.		HI YIR OO C	9 0 4 5 7	2 4	D. Transp	orter's Telephon	e (600)	677-8003
1	7 Transporter 2 (Company Name)		8. US EPA ID Numbe				fronsporter's ID		
ŀ			· :	<u> </u>	! !		orter's Telephone	: ()	
9. Designated Facility Name and Site Address CECQS International, Inc. 5600 Miagera Falls Blvd. Niagera Falls, NY 14304 10. US EPA ID Number G. State Facility ID H. Facility Telephone (71%) 282-2676							2-2676		
ı			NY DOB:	3 3 6 2	E 4 1			_	
	11. US DOT Description (Including Pr	oper Shipping Na	me, Hazard Class and	ID Number)	1	ontainers	13. Total	14. Unit	
ŀ					Numb	er Type	Quantity	WI/Vol	I, Wosle No.
	o. RO, Webbs, Environmenta n.e.s., UN3882, PG ili, 8 Toluena, Xviens)	illy Hexardon Witi 6Seu rce	is Sebatacko, Li Leachats, F839	lquid, 9 (Benzana,	o a	1 1 1	0531	1.	STATE
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	ь	_	d		<u> </u>	ь			
Į	15. Special Handling Instructions on	d Additional Infarr	nation						
	Emergency Response Refor 24-Hour Contact: (800)	to ERG V71 677-8003		Product Cod Work Order	ter 1 No.1	2225-M	, 500		
	16. GENERATOR'S CERTIFICATION: ond are classified, packed, morked a national government regulations and If I am a large quontity generator, I c to be economically practicable and th	nd lobeled, and a state lows and re ertify that I have a	re in all respects in pro gulations, 1 pragram in place to r	pper condition for reduce the volume	or transp	oart by high taxicity of w	way according to	a applicabl	e international and ee I have determined
	present and future threat to human h generation and select the hest waste	ealth and the env	rironment; OR if I om a thod that is available to	ı small quantity	general	lor, 1 hove r		h effort to	minimize my woste
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	20. Facility Owner or Operator: Cert Printed/Typed Name	mcotion of receip		is covered by H	nis mani	rest except	os noted in Item		Day Y
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DEFARIMENT OF ENVIRONMENTAL CONSERVATION DIVISION OF SOLID & HAZARDOUS MATERIALS

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

(Hezerdous Wasia MacKest 1/5/90)

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's U		Manifest D	_	2. Page	1			eavy bold line ederal Law.
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3. Generator's Name and Mailing Ad PAS Jamego Site Pasticip c/o B3L Environmental Ser	vices, lac.	Attn: Lowell No	Barney			NYG 1			
6723 Tempeth Road, P.O. B	ox 66, Syracu 315 44 6- 91		66						atement Service e, NY 13126
Generator's Telephone Number (Transparter 1 (Company Name)		6. US EPA ID Number			C. State 1	iransporter'	s ID	4	170 00
outfale Fuel Corp.		K, Y, R, O. O. Q	0.4,5 . 7	2.4	D. Tronsp	orter's Tele	phone (600	677-8003
7 Transporter 2 (Company Name)		8. US EPA ID Number			E. State T	ransporter's	s ID		
		<u> </u>			<u>. — </u>	orter's Telep	hane ()	
9. Designated Facility Name and Sit CECOS International , In 5600 Milagars Falls Blvd.	10. US EPA ID Number	•		G. Stote I	Focility ID Y Telephone	716	782	±2676	
Ningara Falls, NY 14304		NY D 08 0	3:3 6 2	4.1	n, rociting	rielephone	: (114	292	T010
11. US DOT Description (Including P	roper Shipping Nar	me, Hazard Class and 10	Number)	12. C	ontainers	13. Total	ľ	14. Unit	
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J. Additional Descriptions for Materi		I			K. H	landling Co	des for	Wastes Li	isted Above
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16. GENERATOR'S CERTIFICATION			-			-			
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CONTINUES OF LISTINGISMENTAL CONSERVATION DIVISION OF SOLID & HAZARDOUS MATERIALS

HAZARDOUS WASTE MANIFEST

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 Deportment of Environmental Conservation (518) 457-7362

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

TINUE ORAL LIA TARROLLO						т.			
WASTE MANIFEST]. Generator's l	JS EPA ID No.	Manifest D	Ooc. No	2. Poge				neavy bold line ederal Law.
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c/o BBL Enveronmental Ser	véces, Inc.	Atalia Lone	HARMITARY						batement Servic
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Generalor's Telephone Number (Transporter 1 (Company Name)	315) 148-91	6. US EPA ID Numbe			C. State				4444
Suffalo Fuel Cerp.						<u> </u>		<i>90</i> 3)	677-8003
7 Transporter 2 (Company Name)		8. US EPA ID Number		19	E. State				
			1		E Transp	orter's Te	elephone ()	
9. Designated Facility Name and Site		10. US EPA ID Num	ber		G. State	Focility II	D	_	
CECOS international, inc.									
Miagare Fella Blvd. Miagara Falla, MY 14304					H. Focilit	y Telepho	one (716	1 282	-2676
			3:3-362	i 4 1					
11. US DOT Description (Including Pr	oper Shipping Na	me, Hazard Class and	ID Number)	12. C	ontainers	13. To	otal	14. Unit	
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DIVISION OF SOLID & HAZARDOUS MATERIALS

Please type or print. Do not stople

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

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

(Navarious Minus Markes) 4/7 Pol

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's	US EPA ID No.	Manifest Da	ic, No.	2. Page	I .		ederal Law.
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3.Generator's Name and Mailing Addres PAS Oswego Site Participat C/U/URL Environmental Surv 6/23 Tompath Hoad, P.U. Bo		A. NYG 1719216 B. Generotor's ID Pollution Abatement. Service.						
4. Generator's Telephone Number (3'	15) 446-31	6. US EPA ID Number			Site, t	ronsporter's ID	Dame g	0, 117 13126
5. Transporter 1 (Company Name) Suffale Fuel Corp.			3 4 5 7			orter's Telephone	2U	465 (A) (N)
7 Transporter 2 (Company Name)		8. US EPA ID Number		<u>-</u>		ronsporter's ID	,	477-0003
, monsperior 2 (dompany mane)				ŀ		enter's Telephone (}	
9. Designated Facility Name and Site Address CECOS Internation1, Inc. 5000 Miagera Fella Bouleverd Miagera Fella, HY 14304					G. State F	Telephone (-2676
		* Y D U 8 0 3	3 6 2					
11. US DOT Description (Including Prop	per Shipping No	me, Hazard Class and ID	Number)		ontainers	13. Total	14. Unit	
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J. Additional Descriptions for Materials Nuter 93%, Tolumne 0.000454					KH	ondling Cades far [Wastes Li	sted Above
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16. GENERATOR'S CERTIFICATION: I		mor me comems or ms co	Jusignment o	ie iosiy i	ana accord	nely described doc		
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The 17 1/1	1411/2	- 1	1.1	<u> </u>			Mo.	Day Yeor
18 Transporter 2 Acknowledgement of	f Receipt of Mat			10				
Printed/Typed Name		Signature '				1	Mo.	Day Year
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20. Facility Owner or Operator; Certifi	· · · · · · · · · · · · · · · · · · ·	211110	1616					
Printed/Typed Name				manile	est except o	os noted in Item 19	7.	

DEPARTMENT OF ENVIRONMENTAL CONSERVATION DIVISION OF SOLID & HAZARDOUS MATERIALS

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Please type or print. Do not staple

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

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

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UNIFORM I	IAZARDOUS IANIFEST	1. Generator's	US EPA ID No.	Manifest D	oc. No.	2. Page	1 of	Information is not requi		neavy bold line ederal Law.
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	(Company Name)	313 449*	6. US EPA ID Numb	er				rter's ID		
l			W. W. B. A. G.	4: 0 * \$ 7	2.4			Telephone (
7 Transporter 2 (8 US EPA ID Numb		^ -	E. State			- DAVO	677-9003
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Socia higar	rnational, in a falls Souler lls, NY 14304		E # 0.0 0.	1 222		H. Facilit	y Teleph	one (716) 282	-2676
		roper Shipping N	ame, Hazard Class an		12. C	ontainers	13. 1	otal	14. Unit	
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Attachment 4

BBL ENVIRONMENTAL SERVICES, INC.

No.: 001606

CECOS INTERNATIONAL, INC. 5600 NIAGARA FALLS BLVD.

NIAGARA FALLS, NY 14304

Post-It* Fax Note 7671	Gare 4-6-00 pages
CO.DODO. B B + L	From R. DiCioccio
	Co. CECUS International
Phone # 292-6740	Phone # 282-2676
Fax# 292-6715	Fax # 282-6073

Time In: 86:54:21 Time Out: 09:41:54 £ 84-96-88 1 A27784 CMS N : 0000042 LHS II: 0000100 Ticket #

: SEE GENERATOR Customer

Vehicle W J 006889

Lic Plates

CECOS

Bate

Manifest # : Source Cd 1 PO #:

Transporter: S

\$/Unit

Connent 1 BFC

Scale Dut #: 1

Operator: PAM SCOTT

Extended

Scale in # : 1 Bross Ut

36.47

Tare Wt:

19.19

Net Ut: 17.28 t

Itee

SPC

Descr SDC

Bill Qty 17.28 t

Spring is here!!!!

(w.o. 282882)

CECOS INTERNATIONAL, INC.

5600 NIAGARA FALLS BLVD. NIAGARA FALLS, NY 14304

No.:_-.001607

Time In: 07:58:05 Time Data 10:17:54 CHS # 1 8898842 UIS 9: \$800100 a #27715

Customer I SEE GENERATOR

Vehicle 8 : 886887

Lic Plates

CECOS

Manifest # :

PO 81

Transporters #C

Bource Cd 1

Connect

: NUFFALO FUEL

Scale Out #: 1

Operator: PAM SCOTT

Scale In # 1 1 Press Vt

37.96 Tare Wts 16.23

Het Wt: 21.75 t

Itee

Descr

1/Unit Extended

PC

SDC

21.75 t

Bill Oty

Spring is here!!!!

(4.0.201856)

SIGNATURE: MILL

No.: 001635

Time In: 13:58:28 Time Dut: 14:53:57 : 85-83-88 Date LMS N: 0000100 CMS # : 0000042 Ticket # : A30599

Customer : SEE GENERATOR

Vehicle N : 908454

Lic Plate:

CECOS

Manifest # :

PO #:

Transporter: RFC

Source Cd :

Comment : BUFFALD FUEL

Operator: AL SMITH

Scale In # : 1 Gross Wt :

Scale Dut N: 1 Tare Wt: 37.36

15. 33 Het Ut: 22.03 t

Ites Descr

Bill Oty 1/Unit Extended

SPC **34**P

22.83 t

Spring is here!!!!

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

Post-it* Fax Note 7671	Date 5-3-00 pages 2
To Dave Ruszczyk	From Rich DiCioccio
Co./Dept. BB+ L	CO. CECOS
Phone 242-6740	Phone = 287-3676
Fax # 292-6715	Fax# 282-6073

(W.O. H 282917)

CECOS INTERNATIONAL, INC.

5600 NIAGARA FALLS BLVD. NIAGARA FALLS, NY 14304

No.: 001634

Date : 85-63-60 Time Int 12:54:38 Time Out: 14:16:41 CMS N : 8090042 Ticket # : A39587 UNS 8: 8900100

Customer I SEE BENERATOR

Vehicle # : \$89461

Lic Plate:

Derator: AL SMITH

CECCS

Manifest W :

PO #1

Transporter: BFC

Source Cd 1

Comment I BUFFALO FUEL

Scale Out #: 1

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Spring is here!!!!

(6.0.28296)

SIGNATURE: X

No.: 001637

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

1 85-83-00 Date Ticket # : A38689

CHS N : 8008042

: SEE GENERATOR

Vehicle # : 886889 CECOS

Manifest # : 1719189

Transporter: S CECOS OF NEW YORK Generator : CNY

Source Cd : Connent Scale In # : 1

Customer

Scale Dut #: 1

Time In: 14:40:52

Bross Wt

Tare Wt:

Het Wt: 21.59 t

Ites

Descr

Bill Qty

\$/Unit Extended

Operator: AL SMITH

Time Out: 16:36:21

LMS N: 9000100

Lic Plate:

SPC

SPC

21.59 t

Spring is here!!!!

(W.O. #282942)

SIGNATURE: XPL



Time In: 13:32:41 Time Dut: 15:86:85 : 05-17-00 LMS N: 9000100 CMS N 1 9000042 : A32279

tomer : SEE GENERATOR

icle # : 888471

Lic Plate:

ifest # :

PO #:

Transporter: BFC

rce Cd : 1 BUFFALD FUEL sent

Scale Out #: 1

Operator: AL SMITH

le in # : 1 95 Wt 1

40.24 Tare Wt:

18.68

Net Wt: 21.56 t

Descr

Bill Oty

\$/Unit

SPC

21.56 t

Extended

Spring is here!!!!

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

Post-It* Fax Note 7671 Fax #

(W.O. 282944)

CECOS INTERNATIONAL, INC.

5600 NIAGARA FALLS BLVD. NIAGARA FALLS, NY 14304

001662

: 95-17-08 Time In: 14:86:45 Time Out: 16:15:57 CMS N : 8889842 LMS #: 8888188 : A32292

1 SEE BEHERATOR

micle # : 888453

Lic Plate:

PO #: Generator : CMY

Transporter: BFC CECOS OF NEW YORK

imifest # :

Operator: AL SMITH

Scale Out #: 1

Tare Wti Net Wt: 21.98 t 16.88

Bill Oty \$/Unit Extended DRECT ÞC SPC 21.98 t

Spring is here!!!!

(W.O. 282943)

SIGNATURE:

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

Time In: 13:13:55 Time Out: 15:33:17 LMS #: 0000100 CMS N : 0000042 : A34937 ket #

: SEE GENERATOR

ricle # 1 888478 Lic Plate:

209

PO #: Transporter: DFC ifest # :

irce Cd :

Operator: AL SMITH ment : DFC

ile In # 1 Manual

Scale Out #: 1

iss Wt i 38.86

16.23 Net Ut: 21.83 t Tare Wt:

Bill Oty 1/Unit Extended Descr SPC 21.83 t

Spring is here!!!!

Time In: 14:27:47

CMS N : 0000042

Benerator : CHY

Scale Out #1 1

Tare Wt:

PO #:

: 06-07-00

: SEE GENERATOR

: JUFFALD FUEL

37. **9**9

: A34978

micle # : 000464

cale in # : 1

Descr

SPC

COS inifest # :

001708

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

Net Wt: 21.74 t \$/Unit Extended

Operator: AL SMITH

Time Out: 16:03:33

LMS #: 8000190

Lic Plate: [

Transporter: BFC CECOS OF NEW YORK

16.25

Bill Dty

21.74 t

Spring is here!!!!

1,005g>

SIGNATURE: \ Mat

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

: A35012

Time In: 15:52:13 CHS # : 0900042

Time Out: 16:55:86 LNS #: 0000189

: SEE GENERATOR

: 986892

Lic Plate:

200

nifest # #

Transporter: BFC

CECOS OF NEW YORK Generator : CNY

I BUFFALO FUEL

Operator: AL SMITH

Scale Out #: 1

Tare Wt: 39.95 19.42

Net Wt: 20.53 t

Bill Oty \$/Unit

Extended

300

20.53 t

Spring is here!!!!

2005 2005

	• '	
Post-It® Fax Note	7671	Date 6-7-00 pages 2
To Dave Ruszca	zyk_	From Rich DiCiace.
Co/Dept. BBJL		co. CECOS
Phone # 212-679	td	Phone # 282 - 2676
Fax # 202 - / 12	1100	Fax # 3 02 - /002

CECOS INTERNATIONAL, INC.

5600 NIAGARA FALLS BLVD. NIAGARA FALLS, NY 14304

No.: 001730

1 86-21-98 Time In: 12:59:08 CNS W : 0000042

Time Out: 14:32:30 LMS N: 9009190 ._

: SEE GENERATOR

: B06874

Lic Plate:

ifest # : rce Cd

DG #:

Transporter: BFC

1/Unit

: BUFFALO FUEL

Scale Out N: 1

Tare Wt:

18.95

Net Vt: 21.19 t

Operator: AL SMITH

Docer

Bill Oty

Extended

SPC

21.19 t

Post-it* Fax Note 7671 Co. Phone 282-2676 Fax F

School is out-Summer is here!!

(W.U. 283003)

CECOS INTERNATIONAL, INC.

5600 NIAGARA FALLS BLVD.

NIAGARA FALLS, NY 14304

No.: 001731

Time Out: 15:22:55 Time In: 13:30:51 1 06-21-09 LMS N: 0000100 CHS N : 9099642 : A36891

: SEE GENERATOR ustoner

micle #

Lic Plate:

PO #: anifest # 1

Transporter: BFC

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ECO8

: PUFFALD FUEL

Operators AL SMITH

Scale Out #: 1

icale In # 1 1

Tare Wt: 39.65

19.38

Net Wt: 28.27 t

Extended \$/Unit Bill Qty Descr ites 20.27 t SPC æс

School is out-Summer is here!!

(w.d. 283004)



Attachment A

BBL ENVIRONMENTAL SERVICES, INC.

Laboratory Data



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

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.

Login # L59758

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.

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Sincerely,

Galson Laboratories

F. Joseph Unangst Laboratory Director

Enclosure(s)



BLASLAND, BOUCK & LEE, 14-2.
ROCHESTER, NY



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Client : Blasland, Bouck & Lee Account # : 10624

Account # : 10624 Site : PAS-Oswego, NY

Matrix : Water Date Received : 01-MAY-00

Date Sampled : 01-MAY-00 Method: SW846 8260

Date Extracted: NA Units : ug/l

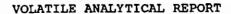
Galson ID: Client ID:	L59758-1 LCW-2	L59758-2 LCW-4	L59758-3 TRIP BLANK
Dichlorodifluoromethane	<10	<50	<5
Chloromethane	<10	<50	<5
Vinyl Chloride	<10	170	<5
Bromomethane	<10	<50	<5
Chloroethane	20.	<50	<5
Trichlorofluoromethane	<10	<50	<5
1,1-Dichloroethene	<10	<50	<5
Acetone	<20	1100	<10
Methylene 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-Methy1-2-pentanone	<20	280	<10

Approved by : CMR

Date QC by Date

NYS DOH #







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

Matrix : Water Date Received: 01-MAY-00

Method: SW846 8260 Date Sampled : 01-MAY-00

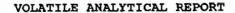
Units : ug/l Date Extracted: NA

Galson ID: Client ID:	L59758-1 LCW-2	L59758-2 LCW-4	L59758-3 TRIP BLANK
Coluene	<10	460	<5
l,1,2-Trichloroethane	<10	<50	<5
etrachloroethene	23.	<50	<5
,3-Dichloropropane	<10	<50	<5
-Hexanone	<20	<100	<10
ibromochloromethane	<10	<50	<5
,2-Dibromoethane	<10	<50	<5
Chlorobenzene	34.	220	<5
Sthylbenzene	84.	810	<5
1,1,1,2-Tetrachloroethane	<10	<50	<5
n,p-Xylene	72.	1400	<5
Styrene	<10	<50	<5
-Xylene	<10	330	<5
sopropylbenzene	<10	<50	<5
n-Propylbenzene	<10	<50	<5
ert-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
-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 Date : 5//8 NYS DOH # : 11626







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

Matrix : Water Date Received: 01-MAY-00

Date Sampled : 01-MAY-00 Method: SW846 8260

Units : ug/l Date Extracted: NA

Galson ID: Client ID:	L59758-1 LCW-2	L59758-2 LCW-4	L59758-3 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//8/ NYS DOH # : 11626



Matrix : Water



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

Date Received : 01-MAY-00

Date Sampled : 01-MAY-00 Method: SW846 8260

Date Extracted: NA 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 Date NYS DOH # : 11626



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

Date Received: 01-MAY-00 Matrix : Water

Date Sampled : 01-MAY-00 Method: SW846 8260

Date Extracted: NA 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 Date NYS DOH # : 11626



Client : Blasland, Bouck & Lee

Account # : 10624

: PAS-Oswego, NY Site

Date Received: 01-MAY-00

Date Sampled : 01-MAY-00

Date Extracted: NA

Matrix : Water

Method: SW846 8260

Units : ug/l

Galson ID: Client ID:	WG22290-1 Method Blank	
l,2-Dichlorobenzene	<5	
1-Butylbenzene	<5	
1,2-Dibromo-3-chloropropane	<5	
1,2,4-Trichlorobenzene	<5	
Mexachlorobutadiene	<5	
Naphthalene	<5	
1,2,3-Trichlorobenzene	<5	
Analysis Date	05/05/00	
Dilution Factor	1	

Approved by : CMR

Date : 17-MAY-00 QC by Date NYS DOH #





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

DATE SAMPLED- 05/01/00

DATE RECEIVED- 05/02/00 SAMPLER- Information Not Provided TIME RECEIVED- 1420 DELIVERED BY- Brian Kuryla

SM18 5210 05/03/00

SAMPLE MATRIX- WA TIME SAMPLED- 1600 RECEIVED BY- CAM TYPE SAMPLE- Grab

Page 1 of 1

ANALYSIS

ANALYSIS

TIME BY RESULT UNITS METHOD DATE

LRE

BIOCHEMICAL OXYGEN DEMAND5 CHEMICAL OXYGEN DEMAND TOTAL SUSPENDED SOLIDS TOTAL DISSOLVED SOLIDS

SM18 5220B 05/09/00 LRE EPA 160.2 05/04/00 1600 JDC EPA 160.1 05/04/00 1745 JDC

30.0 mg/L 175. mg/L

13. mg/L 1520. mg/L

NYSDOH LAB ID NO. 11246

APPROVED BY:

(Terms and Conditions on Reverse Side)

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 TIME SAMPLED- 1630

DATE SAMPLED- 05/01/00

TIME RECEIVED- 1420

DATE RECEIVED- 05/02/00 SAMPLER- Information Not Provided DELIVERED BY- Brian Kuryla

RECEIVED BY- CAM TYPE SAMPLE- Grab

Page 1 of 1

ANALYSIS

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

NYSDOH LAB ID NO. 11246

APPROVED BY:

(Terms and Conditions on Reverse Side)



K B U C

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

Project:

L59758

Lab ID:

0005079-01A

Matrix: AQUEOUS

Analyses

PQL DF

Result

Units

Qual

TOTAL ORGANIC CARBON

Organic Carbon, Total

7440-44-0

CAS

Analyst: IS

5.00

Analysis Date: 05/08/00

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 any action taken in connection with this report.

NYSDOH ELAP #10795

ln H. Buck, P.E. aboratory 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

1 of 2

Tel 607.753.3403 Fax 607.753.3415



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:

Analyses

0005079-02A

DF

PQL

Result

Units Quai

TOTAL ORGANIC CARBON

Organic Carbon, Total

7440-44-0

CAS

Analyst: IS 10

5.00

Analysis Date: 05/08/00

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

aboratory Director

Abbreviations:

ND - Not Detected at the Reporting Limit

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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



Table of Contents - Summary Data Package

Blasland, Bouck & Lee Project: PAS Site - Oswego

SDG: L59757 Login: L59757

Letter	1
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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 BANGLE IDENTIFICATION AND ANALYTICAL REQUIREMENT SUMMARY

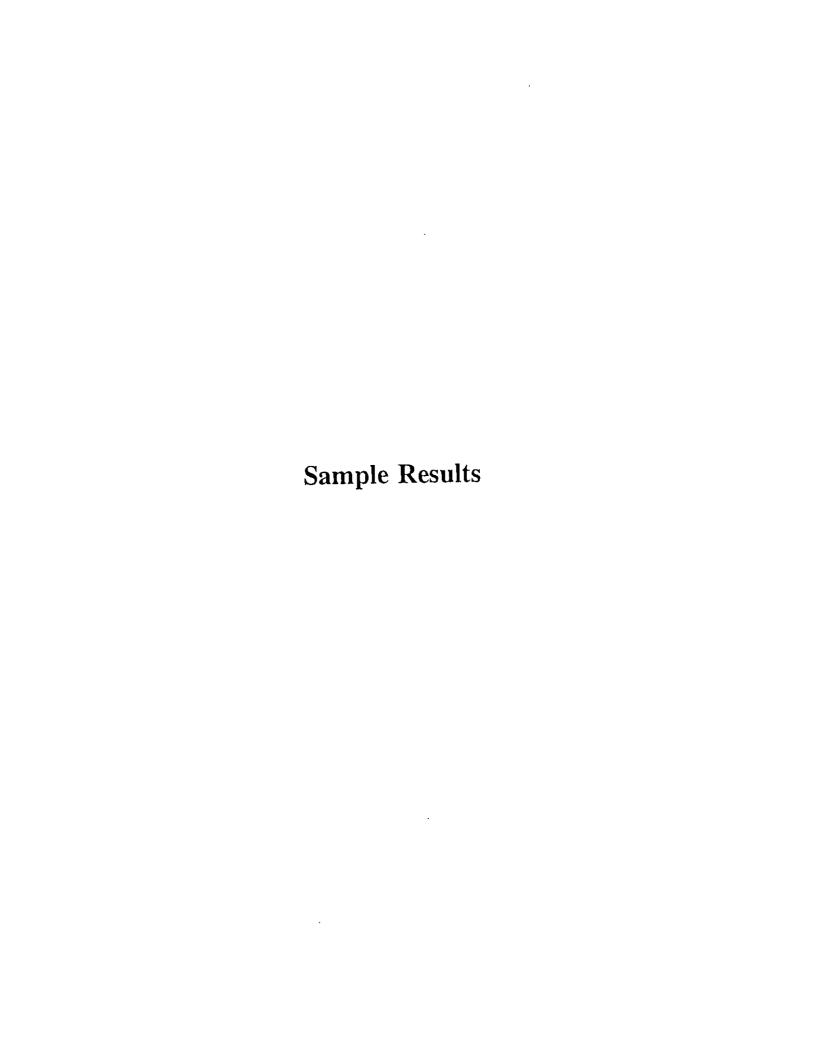
LOGIN : L59757	657: BB	SDG : LSGTS TMATRIX : WALEE
Client	Laboratory	If CLP, Indicate year of protocol 1995
Sample Code	Sample Code	- Q+ - Q:
		Herb.
M-26	L59757-1	x
LR-6	L59757-2	
TR-6M8	L59757-3	
LR-6MSD	L59757-4	
M-25	L59757-5	
H-21	159757-6	
LR-8	L59757-7	
BLIND DUP-1	L59757-8	
RINSE BLANK-1	L59757+9	
TRIP BLANK		
HSH		

Froject Name / Number Project Name / Number	NAME: SIGNATURE:	NAME: (SIGNATURE:	SAMPLES RELINQUISHED	SAMPLER'S NAME: //m		CHOROSENTENE	HEMARKS: 82HDB		TRABBLANK	RING BHNL	BLIND DUP-1	<u>に</u> でき	P~B	J.F.W	1R-6	のドール	SAMPLE ID	Laboratories 6601 Kirkville Road East E. Syracuse, New York 13057 315 437-725: - 888-577-5227 Send Report to: LOUKEL MEC
Total Involves of the particular of the particul	DATE: TIME:	DATE:	113	BY:	NON		1-Dictions	14		5/1/2	1 1 4 1660	1	ा ।	1 1035	<u>8</u>	-	8		
Istody Record ID Number NOC Pres Custody Seal Intac Shipment Complet E: Airbill # Jan.	For Laboratory By:	boratory By:	Shin Bad	AMPLES RECEIVE	Town	/	FAILREN	2 Controvatos			X.X.	XX		XX	* * * * * * * * * * * * * * * * * * * *		1 8	Grab Chain of Aqueous Officer Laboratory	Date n Ph # Invoice to: / Dh P.O.#
PARAMETERS FOR AN PARAMETERS FO	Airbill #		5/2/35		VOC Pres	,	12/2/											ody Record	- 3570 - 5807
No D.N.A.	AMOUS DELIVERAGE	- O - M	NI BI SI	□ Yes □ No	P AU		YENES	Total Containers - 20			() () () () () () () () () () () () () (7	V	2	2	-	හ	USEPA S MS/M	PARAMETERS FOR ANALYSIS

Organic Data Reporting Qualifiers

- Value If the result is a value greater than or equal to the detection limit, the value is reported.
- Indicates the compound was analyzed for but not detected. The number is the minimum attained detection limit for the sample.
- 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.
- Applies to pesticide parameters when the identification has been confirmed by GC/MS.
- NC Peak not confirmed.
- 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.
- Identifies all compounds analyzed at a secondary dilution.
- Indicates that a tentatively identified compound (TIC) is a suspected aldolcondensation product.
- RE Analysis performed on a re-extracted sample.
- Any other specific flags & footnotes that may be required to properly define the results.
- 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.
- 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.

1 '



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

Q

U

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)

CONCENTRATION UNITS:

CAS NO.

COMPOUND

75-34-3----1,1-Dichloroethane

71-43-2----Benzene

108-88-3-----Toluene

108-90-7-----Chlorobenzene

100-41-4-----Ethylbenzene_

----m,p-Xylene___

95-47-6---------Xylene___

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

Ū 8 5 U 6 5 5 U U

5

1A VOLATILE ORGANICS ANALYSIS DATA SHEET SAMPLE NO.

0

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

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

SAMPLE NO.

LR-8 Contract: Blasland, B

Lab Name: GALSON LABORATORIES

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

75-34-31,1-Dichloroethane 71-43-2Benzene 108-88-3Toluene 108-90-7Chlorobenzene 100-41-4Ethylbenzenem,p-Xylene 95-47-6Xylene	5 22 5 7 5 5 5	ם ט ט ט	
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VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

Q

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)

CONCENTRATION UNITS: cas no. compound (ug/L or ug/Kg) ug/l

75-34-3-----1,1-Dichloroethane 5 U 71-43-2----Benzene 21 108-88-3----Toluene 5 U

 1A SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

M-25

Q

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)

CONCENTRATION UNITS: CAS NO. COMPOUND (ug/L or ug/Kg) ug/l

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

M-26

Lab Name: GALSON LABORATORIES Contract: Blasland, B

SDG No.: L59757

Lab Code:

Case No.: 1 SAS No.:

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

75-34-31,1-Dichloroethane 71-43-2Benzene 108-88-3Toluene 108-90-7Chlorobenzene 100-41-4Ethylbenzenem,p-Xylene 95-47-6	5 .7 5 5 5 5 5	ם ח ח ח
---	----------------------------------	------------------

SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

RINSE BLANK-1 Lab Name: GALSON LABORATORIES Contract: Blasland, B

Q

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

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

Lab File ID: BE050214

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

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

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

(q/mL) mL

Sample wt/vol: 5

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

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/l CAS NO. COMPOUND

75-34-3-----1,1-Dichloroethane 5 U 71-43-2-----Benzene U 108-88-3-----Toluene Ū

108-90-7-----Chlorobenzene 5 Ū 100-41-4-----Ethylbenzene_ 5 U ----m,p-Xylene 5 U 95-47-6----o-Xylene 5 Ū 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

LOW

Level: (low/med)

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)

CONCENTRATION UNITS:

CAS NO.

COMPOUND

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

U

O

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



Table of Contents - Summary Data Package

Blasland, Bouck & Lee Project: PAS Site - Oswego

SDG: L59759 Login: L59759

Letter1	l
Checklist(s)2)
NYS DEC Summary Forms	1
Client Chain of Custody Forms	3
Sample Login Sheet(s)	9
Internal Chain of Custody Forms10	0
Data Reporting Qualifiers1	4
Sample Results1	5
Surrogate Spike Results2	2
Matrix Spike/Matrix Spike Duplicate/Blank Spike2	4
Blank Data2	6
Internal Standard Area Data3	0
Method Detection Limits3	1
Total Paginated Pages in Package3	2



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

Send: W. Math

Date: May 19, 2020

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

LOGIN: L59759 EDG: LS9759MATRIX: BOIL

Client	Laboratory Sample	If CLP, Indicate year of protocol 1995
Code	Code	VOA MS Pest/ Organophos Chier T Sibio
		BMA PCB'S Pesticides Herb. Carbametes Carbamates Dist # Total Amen List # Metro List # Tits #
1-88	L59759-1	
88-3	L59759-2	
SS-3MS	L59759-3	
S8-3MSD	L59759-4	
88-4A	L59759-5	
BLIND DUP-2	L59759-6	
HSH	L59759-8	X

SDG : LS9759 MATRIX : Water NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION SAMPLE IDENTIFICATION AND ANALYTICAL REQUIREMENT SUMMARY

Client Sample Code

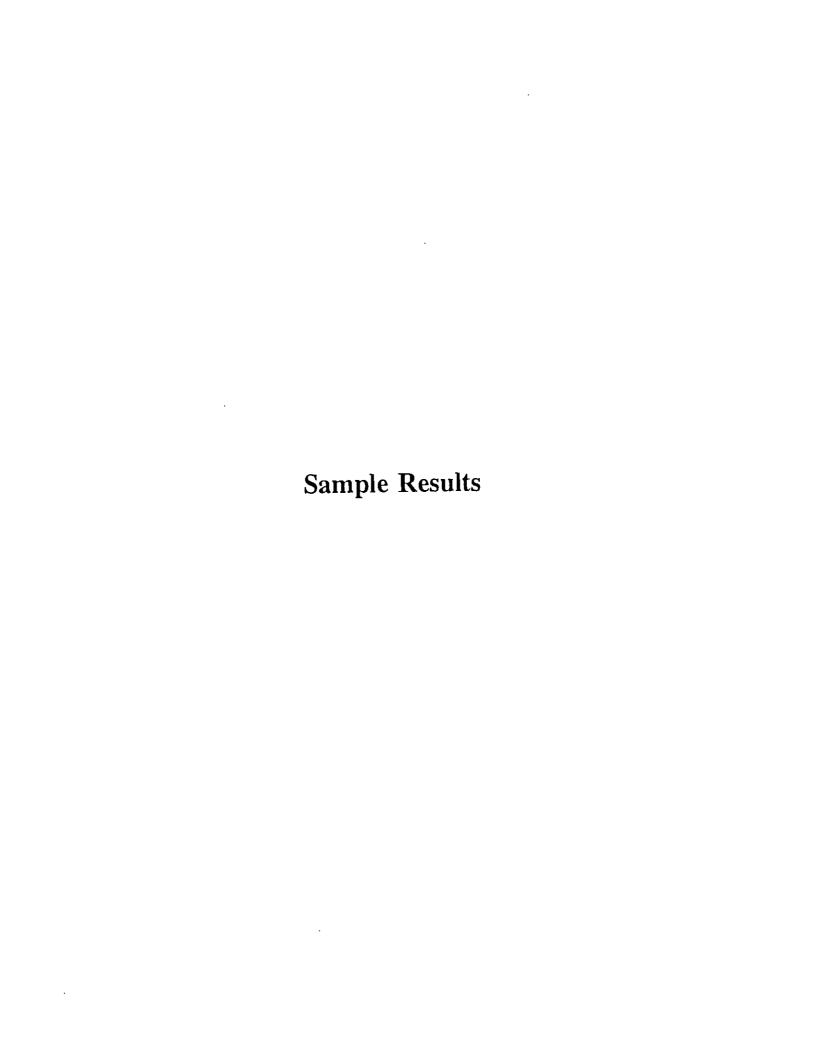
LOGIN: 159759

Send Report to: Color Col	Galson Company Name
and East w York 13057 888-577-5227 888-577-5227 Bate Time July Land July	
Name / Numi Comp. TYPE Comp. TYPE Signature	\ \ \
AMPLI Cother P.O Other P.O Daborato	Name
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Organic Data Reporting Qualifiers

- Value If the result is a value greater than or equal to the detection limit, the value is reported.
- Indicates the compound was analyzed for but not detected. The number is the minimum attained detection limit for the sample.
- 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.
- Applies to pesticide parameters when the identification has been confirmed by GC/MS.
- NC Peak not confirmed.
- 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 aldolcondensation product.
- RE Analysis performed on a re-extracted sample.
- 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.
- Identifies tentatively identified compounds (TICs) where the identification is based on a mass spectral library search.
- NR Compound not required to be analyzed.
- Used to indicate when the analyte is also found in the TCLP Blank.



VOLATILE ORGANICS ANALYSIS DATA SHEET SAMPLE NO.

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)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/kg Q

VOLATILE ORGANICS ANALYSIS DATA SHEET

SS-3

Lab Name: GALSON LABORATORIES

Contract: Blasland, B

SDG No.: L59759

SAMPLE NO.

Lab Code:

Case No.: 1

SAS No.:

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)

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg) ug/kg

75-34-31,1-Dichloroethane 71-43-2Benzene 108-88-3Toluene 108-90-7Chlorobenzene 100-41-4Ethylbenzenem,p-Xylene 95-47-6Xylene	25 25 25 25 25 25 25 25 25 25	מטמטמט
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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)

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg) ug/kg

75-34-31,1-Dichloroethane 71-43-2Benzene 108-88-3Toluene 108-90-7Chlorobenzene 100-41-4Ethylbenzenem,p-Xylene 95-47-6Xylene	14 14 14 14 14 14	0 0 0 0 0
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1A VOLATILE ORGANICS ANALYSIS DATA SHEET SAMPLE NO.

Lab Name: GALSON LABORATORIES Contract: Blasland, B SS-4A RE

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)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/kg Q

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

Attachment B

BBL ENVIRONMENTAL SERVICES, INC.

Field Data Sheets



SUBJECT		4			1	PROJ. NO.	BY JUL	DATE SI	HEET
1775	SEMI AM	DATE	mfling_	Elfall		<i>596.19.</i> CKED BY	<i>~<u>v₁</u></i> ;	DATE	
CALOS, BY	10 T	, DATE		 : -	01120				
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	W2	6.	55	10 NTU	3.)	2 TEM	. ,)	21	
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Appendix C BBL Environmental Services, Inc. PAS Site Oswego, New York

Operation and Maintenance and Long-Term Monitoring Plan

Sediment Sampling Field Data Sheet

Personn	el (print): Tim HENSO	N	
Date:	5/1/00		
Site Nar	ne: ANS OSUKADO		
Time:	Bother Co. Ao Am		
Weather	: Some SON High:	630 PAN 1	W LATE AFTELMOON
1.	Sediment Sampling		
	Sample Location Number	Sample Time	Physical Observations
	SS-3 MS/MSD	1530 1400	BROWN SILT Frie SAND SOME GERA DAEK Blown SILT W/ ORGANICS
	SS-YA TRUMOUD :	<u>150c </u>	BROWN SILT W/TH (Shey Fore Strut
2.	Ambient Air Sampling Wind Direction: Ho	m THE MOUTH	
	Sample Location Number	Sample Time	Comments
	<u>SS-1</u> SS-3	1530 1406	0.0 PPn
	SS-YA	1500	0.0 flm

LR6

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

10	,	Ground	1-Wate	r Sampl	ing Fi	eld Da	ta Sheet		
Sample Identifier.	ρ				Sit	e Nam	e: 115		
Date:5//	<u> </u>			<u></u>	Tir	ne:	<u>800 </u>		
Personnel:	_								
Weather. SUN 510							·		
Sample Location:	<u>_</u>								
Screen/Sample Depth:	5¹								
Sampling Device: 600	NFOS			_					
Ground-Water Purging		•						- 22	
Initial Static Water Level:	9.68	2					70=	60,33	
Well Volume:									
2-Inch Casing:	F	ect of	Water x	0.16 G	allon/F	oot =		Ga	illons
3-Inch Casing:	F	ect of	Water x	t 0.36 G	allons/	Foot =	:	Ga	llons
4-Inch Casing:	. F	eet of	Water x	c 0.65 G	allons/	Foot =		Ga	llons
Volume of ground water purge	ed: _	~7.0	0 647	<u>s</u>					
Purging Device: GRUNF	ōS_							<u>-</u>	
Purge Water Disposition (e.g.,	contai	ined): _	VES						
Sample Description:			,						
Color: CUSA_					_	<u>. </u>			
Odor:NONE							. <u> </u>		
Other:			·						
Sample Analyzed for: VOX	5			M	15/MS	0			
QC Samples at this Location:_	1/25								
QC Samples Analyzed for:	M	<u>s Ims</u>	0_						
Field Tests	Q:ΔΛ	ا سيره (إيما	aio i	1815 1	م مو	825 ,	SAPRE		
Redox Potential (mV):	57.5	474	1810 CH5	-34-7		60.4	8 <i>\5</i>		
pH:	186	7.63	7.10	7.08	7.04	703	<u> </u>		
Conductivity (uS/cm):	4032	1.000	1.765	1.277	1.294	1.99			
Turbidity (NTU):	€ 551	33.4	44	1.	5.4	a.0			
DissolvedOxygen (mg/l):	62.4	53.3	33.9	D8.7	27.0	24.6			
PID (ambient):	0.0	0.0	0.0	0.0	00	0.0			
Comments:									
DTW	1107	11.44	11.33	11.34	1134	135			
TEMP	8.57	1031		13.82		8011			
			7			1	1		

12-8

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

11	\sim	Groun	<u>d-Wate</u>	er Sampi	ing Fiel	d Data :	Sheet				
Sample Identifier.	_8_				Site	Name:_	PA	<u> </u>	_		
Date: 5/1					Tim	e:	1.2	<u> </u>			
Personnel:	<u>7H</u>	RW	<u>.</u>								
Weather:	Sú	N 4	000								
Sample Location: LR-	8_								_		
Screen/Sample Depth:		_									
Sampling Device:	DNAG	25	_				_				
Ground-Water Purging	: _							-A - A/	2 06	2	
Initial Static Water Level:_	0	<u>02</u>						D=4	3.0		
Well Volume:											
2-Inch Casing:		Feet of	Water	x 0.16 G	iallon/Fo	ot =			G	allons	
3-Inch Casing:		Feet of	Water	x 0.36 G	iallons/F	oot =			G	allons	
4-Inch Casing:	•	Feet of	Water	x 0.65 G	iallons/F	oot =			G	allons	
Volume of ground water pu	rged:	<u>~ 9</u>	02/5								
Purging Device: DON	905										
Purge Water Disposition (e.	g., c on	tained):	<u> </u>								
Sample Description:											
Color: (KAR		_				-					
Odor. Stight											
Other:											
Sample Analyzed for:	·						_				
QC Samples at this Locatio	n:										
QC Samples Analyzed for:									<u></u>		
Field Tests	1:45	1:50	liss	2 Josem	205 Pm	21080	715	J20	PL	Soul	420
Redox Potential (mV):	25.7	-60.2	-101,5	-107.2	150	115.3	-124.7	127.4			1420
pH:	8,60	7.96	7,02	<u>(87</u>	688	685	6.86	6,86			
Conductivity (uS/cm):	6.985	1.072	1.432	1,883	1.928	1.955	1.957	1.954	1		
Turbidity (NTU):	16.1	4.3	0.3	6.5	0.0	00	0.0	60			
DissolvedOxygen (mg/l):_	22.4	5.5	3,3	4.6	6.8	6.9	6.6	6.2			
PID (ambient):	00	0.0	0.0	p.O	00	0,0	Οij	0.0			
Comments:											
DTW	10.05	$\mathbb{N}_{\mathbf{J}}$	10.95	10.80	1075	10:66	10.49	1050			
TEND	9.12	10.12		10:91		11.45	12,46	12.69			
	1				11419						

M-91

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

Sample Identifier: M-2	<u>Gr</u>	ouna-	water Si	<i>impling</i>	Site Na	me:	45			
Date: 5/21/00					Time:_		(DOF)		-	
Personnel: JA PWF							1000			
Weather: OVINCAST	580									
Sample Location: M-										
Screen/Sample Depth:										
Sampling Device: 600 NFO	5									
Ground-Water Purging							/	١ _		
Initial Static Water Level:	<u>.51</u>)=	39.85	
Well Volume:		· _								
2-Inch Casing:	Feet	of Wa	ater x 0.	16 Gallo	n/Foot =	-			_ Gallons	
3-Inch Casing:	Feet	of Wa	ater x 0.3	36 Gallo	ns/Foot	=			_ Gallons	
4-Inch Casing: X	Feet	of Wa	ater x 0.0	65 Gallo	ns/Foot	=			_ Gallons	
Volume of ground water purged:	_6	6A1	<u>s_</u>							
Purging Device: (1701) FOS										
Purge Water Disposition (e.g., contained)										
Sample Description: CFAZ		,	_			_				
Color: CLEAR				_						
Odor: YES										
Other:										
Sample Analyzed for:	<u>ه د</u>									
QC Samples at this Location:	NO				<u> </u>					
QC Samples Analyzed for:	ND_						_			
Field Tests	1000	1005	1010	1015	مدها	i075	ا حددا	9	samples e	
Redox Potential (mV):	-77.6	-81.4	1-73.1	649	70.7	77.5 1	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	1378	1.380	1.358	1381			
Turbidity (NTU):	278.1	38.1	109.6	11.0	35 .0	3.5	3.			
DissolvedOxygen (mg/l):	18.3	17.6	25.5	3.4	5.2	4.2	518			
PID (ambient):	0.0	0.0	0.0	00	0.0	0.0	0.0			
Comments:										
<u>DTW</u>	960	960	9.61	9.60	9.60	960	9.61			
TEMP			6.42	10.62	9.43	10.00	9.83			
	1		•	,		1	1	1		

M-75

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

	Grou	ind-Wat	er Sampl	ing Fiel	d Data S	neer	,	
Sample Identifier: Mo	<u> </u>			Site	Name:_	11		
Date: 5/1/06		_		Tim	e:	•		
Personnel: TH	RUE							
Weather: Wallet ST	520							
Sample Location: MA-25								
Screen/Sample Depth:								
Sampling Device: (Soufc	<u>s</u>							
Ground-Water Purging	•							
Initial Static Water Level:	7.50							
Well Volume:		<u>·</u>	_					
2-Inch Casing:	Feet o	of Water	x 0.16 G	allon/Fo	ot =			Gallons
3-Inch Casing:	Feet o	of Water	x 0.36 G	allons/F	oot =			Gallons
4-Inch Casing:	Feet o	f Water	x 0.65 G	allons/F	oot =			Gallons
Volume of ground water purg	ed: <u>4,</u>	56ms						
Purging Device: CPowfos								
Purge Water Disposition (e.g.,	, contain c d)	:	5					
Sample Description:								
Color. CLEAR			_					
Odor: YES			<u></u>					
Other:								
Sample Analyzed for: <u>UC</u>		+ BL	WD D.	سلح	@ TH	is lo	MICON	
QC Samples at this Location:	Blow	5 Dref	>-	<u>`</u>	_			¥.
QC Samples Analyzed for:	NOU'S							
Field Tests	850 85	5900	9:05 .9	: NO C	1:15		place	
Redox Potential (mV):	15.5/m	61-120,6	133.8 -	140,41-		<u>ዓ</u>	<u> </u>	
pH:	7.10 /1.1	1 7.12	7.13	7.12	7.12			
Conductivity (uS/cm):	1053 105	3 1,05	1.056	1.053	1.054			
Turbidity (NTU):	D.1 D.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):	00 00	0.0	0.0	0,0	0.6			
Comments:								
·Dtw	7.77	7.84	_	7.90	_			
Tamb_		11.7]	11-83	12.02	12,27			
	1	1		1	1			

M-26

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

~	G	round-	Water S	amplin	Field I	Data She	:et \ .		
Sample Identifier: M-	_ع)(_	Site Na	ame:	MAS	<u> </u>	
Date: 5/1/00	_			_	Time:_	700		·	
Personnel:	RW	<u> </u>							_
Weather: GIN 501					_				
Sample Location: M-	6								
Screen/Sample Depth: 4	<u>4'</u>								
Sampling Device: 6200F									
Ground-Water Purging		•							
Initial Static Water Level:	.41							5 = 4	446
Well Volume:		•							
2-Inch Casing:	Fe	et of W	ater x 0	.16 Gail	on/Foot	E			_ Gallons
3-Inch Casing:	Fe	et of W	ater x 0	.36 Gall	ons/Foo	t =			_ Gallons
4-Inch Casing:	Fe	et of W	ater x 0	.65 Gall	ons/Foo	t =			_ Gallons
Volume of ground water purge	ed:	~5	Ceause						
Purging Device: Claubo	<u>لح</u>				_				_
Purge Water Disposition (e.g.,	contain	ed):\	125						
Sample Description:		/							
Color: CLEAT									
Odor: VOUE									
Other:				_					
Sample Analyzed for:	<u> </u>								
QC Samples at this Location:_									
QC Samples Analyzed for:								<u>5</u> ~	ples c
Field Tests	70¢	705	,710	715.	٦,	7251	7301	73	35
Redox Potential (mV):	78.7	91.1	120.1	108 7	195	1747	115.5		
pH:	7.44	697	j.37 _	(o.75	670	6.67	6.67		
Conductivity (uS/cm):	0.236	0751	0.264	0.265	دىد ن	6.749	0.247		
Turbidity (NTU):	75.7	22.i	25.7	19	0.8	0.1	0.0		
DissolvedOxygen (mg/l):	929	87.9	87.6	86.1	86.4	86.0	86.2		<u>, </u>
PID (ambient):	0.0	٥٠٥	5.0	0.6	0.0	0.0	(D.O	_	
Comments:									
	9.45	9.47	9,48	9.49	9.49	9.50	950		
OTW	868	8.89	991	10.25	10.33	10.25	1029		
	\				{		1	T	

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:



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		Analysis					
			Date	VOA	BNA	РСВ	TAL	MISC		
M-26	L59757-1	water	5/1/00	×						
LR-6*	L <u>5</u> 9757-2	water_	5/1/00	x						
M-25	L59757-5	wa <u>ter</u>	5/1/00	х						
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	×						
TRIP BLANK	L59757-10	water	- <u>-</u>	×						
_										
_										
	_									
_										
_										
	-									
	_									

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? Х Is there a narrative or cover letter present? Are the sample numbers included in the narrative? Х Are the sample chain-of-custodies present? Х Do the chain-of-custodies indicate any problems with sample receipt or sample condition? **Holding Times** Have any holding times been exceeded? Х Surrogate Recovery Are surrogate recovery forms present? Х Are all the samples listed on the appropriate surrogate recovery form? Was one or more surrogate recoveries outside of specified limits for any sample or blank? If yes, were the samples reanalyzed? Are there any transcription/calculation errors between the raw data and the summary form? Х Matrix Spikes Is there a matrix spike recovery form present? Х Were matrix spikes analyzed at the required frequency? Х How many spike recoveries were outside of QC limits? How many RPDs for matrix spike and matrix spike duplicate were outside of QC limits? <u>1</u> out of <u>3</u> Blanks Is a method blank summary form present? Has a method blank been analyzed for each set of samples or for each 20 samples, whichever is more frequent? Has a blank been analyzed at least once every twelve hours for each system used? Do any method/reagent/instrument blanks have positive results?

Volatile Organics Data Validation Checklist - Page 2 YES NO NA Are there trip/field/rinse blanks associated with every sample? Х Do any trip/field/rinse blanks have positive results? Х Tuning and Mass Calibration Are the GC/MS tuning forms present for BFB? Χ Are the bar graph spectrum and mass/charge listing provided for each BFB? Х Has a BFB been analyzed for each twelve hours of analysis per instrument? Х Have the ion abundance criteria been met for each instrument used? Χ Target Analytes Is an organics analysis data sheet present for each of the following: Samples Х Matrix spikes Χ Blanks Х Are the reconstructed ion chromatograms present for each of the following: Samples Χ Х Matrix spikes Blanks Х Is the chromatographic performance acceptable with respect to: Baseline stability Χ Resolution Χ Peak shape Х Attenuation Are the mass spectra of the identified compounds present? Х Are all ions present in the standard mass spectrum at a relative intensity of 10% or greater also present in the sample spectrum? Х Do the samples and standard relative ion intensities agree within 20%? Х Tentatively Identified Compounds Are all the TIC summary forms present?

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	

Volatile Organics Data Validation Checklist - Page 4 YES NO NA Internal Standards Are internal standard areas of every sample and blank within the upper and lower limits for each continuing calibration? 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	всм	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							
			_				
_							
					<u></u>		

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:

Diluted D

Recovery high

Recovery low Recovery <25%

^{*} Unless otherwise specified, all parameters are within acceptable limits

Volatile Calibration Outliers

Instrume	ent: <u>MSB</u>
Matrix:	soil
Lovol	low

Date/Time	4/2	24/00	5/2/00	1650						
	Initi	al Cal.	Cont	Cai.	Cont	Cal.	Cont	Cal.	Cont	. Cal
	RF	%RSD	RF	%D	RF	%D	RF	%D	RF	%[
1,1-dichloroethane										
benzene										
toluene										
chlorobenzene										
ethylbenzen <u>e</u>										
styrene										
xylene (total)										
Affected Samples										

Corrected Sample Analysis Data Sheets

BLIND DUP-1

Lab Name: GALSON LABORATORIES

Contract: Blasland, B

SDG No.: L59757

Lab Code:

Case No.: 1

SAS No.:

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

Contract: Blasland, B Lab Name: GALSON LABORATORIES Case No.: 1 SAS No.: SDG No.: L59757 Lab Code: Lab Sample ID: L59757-2 Matrix: (soil/water) Water Lab File ID: BE050207 Sample wt/vol: 5 (g/mL) mL Date Received: 05/01/00 Level: (low/med) LOW %Moisture: not dec. Date Analyzed: 05/02/00 GC Column: HP-624 · ID: .25 Dilution Factor: 1 (mm) Soil Extract Volume: (uL) Soil Aliquot Volume: (uL) CONCENTRATION UNITS: CAS NO. COMPOUND (ug/L or ug/Kg) ug/l

75-34-3	2 .7 ³ 5 5 5 5 5	MARARA COCOCO COCOCOCO TOCOCOCOCOCOCOCOCOCOCOC
---------	---	---

^{*} detection limit

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

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)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/l

CAS NO. COMPOUND (ug/L or ug/Kg) ug/l Q

75-34-31,1-Dichloroethane	5 22 5 7 5 5	2000 A A COUNTY A A COUNTY A C
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SAMPLE NO.

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)

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

 1A VOLATILE ORGANICS ANALYSIS DATA SHEET SAMPLE NO.

							M-25
Lab Name:	GALSON	LABORATORIES	Contr	act:	Blasland,	В	l

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)

CONCENSED A MILON LIBITED

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/l Q

75-34-31,1-Dichloroethane 71-43-2Benzene 108-88-3Chlorobenzene 108-90-7Ethylbenzene 100-41-4	5 8 5 6 5 5 5	5654548 8654848
--	---------------------------------	--------------------

1A VOLATILE ORGANICS ANALYSIS DATA SHEET SAMPLE NO.

Lab Name: GALSON LABORATORIES Contract: Blasland, B M-26

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)

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

* detection linut

SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

RINSE BLANK-1

Lab Name: GALSON LABORATORIES

Contract: Blasland, B

Lab Code:

Case No.: 1

SDG No.: L59757

Q

SAS No.:

Sample wt/vol: 5

Matrix: (soil/water) Water

Lab Sample ID: L59757-9

(g/mL) mL

Lab File ID: BE050214

Level:

(low/med)

Date Received: 05/01/00

%Moisture: not dec.

LOW

Date Analyzed: 05/03/00

GC Column: HP-624

(mm) ID: .25

Dilution Factor: 1

Soil Extract Volume:

(uL)

Soil Aliquot Volume:

(uL)

CONCENTRATION UNITS:

CAS NO.

COMPOUND

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

75-34-31,1-Dichloroethane 71-43-2Benzene 108-88-3Toluene 108-90-7Chlorobenzene 100-41-4Ethylbenzenem,p-Xylene 95-47-6Xylene	5 . 7 ** 5 . 5 . 5 . 5 . 5 . 5	CLANA CLANA
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+ detection limit

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)

CONCENTRATION UNITS:

CAS NO.

COMPOUND

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

75-34-31,1-Dichloroethane 71-43-2Benzene 108-88-3	5.7* 55555555	A A A A A A A A A A A A A A A A A A A
---	------------------	---------------------------------------

+ detection limit

FORM I CLP VOA



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: Mey 19, 2000

NYSDEC	Sample	Preparation	and	Analysis	Summary	Sheets	

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

CIN: L59757	157: 80s	SDG: LS95/MATRIX: Water
lient	Laboratory	If CLP, Indicate year of protocol 1995
ode	Code	VOA MS Pest / Organophos Chlor T. Dithio Methyl Organics ETU Karb Ch- Metals Diss Met
		Pest.
26	L59757-1	
-6		
-SMS	L59757-3	
-6MSD	L59757-4	
25	L59757-5	
21	159757-6	
, ce	L59757-7	
T-400 QNI	159757-8	
NSE BLANK-1	L59757-9	
IP BLANK	159757-10	
tri	1159757-11	

Corrected Sample Analysis Data Sheets vlj2220

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

Sample wt/vol: 5

(g/mL) g

Lab File ID: BE50304

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

Lab Sample ID: L59759-1

%Moisture: not dec. 43

Date Analyzed: 05/03/00

GC Column: HP-624

ID: .25

Dilution Factor: 1

Soil Extract Volume:

(uL)

(mm)

Soil Aliquot Volume:

(uL)

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg) ug/kg

75-34-31,1-Dichloroethane	18 18 18 18 18 18	מממממ
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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)

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg) ug/kg Q

75-34-31,1-Dichloroethane 71-43-2Benzene 108-88-3Toluene 108-90-7Chlorobenzene 100-41-4Ethylbenzenem,p-Xylene 95-47-6Xylene	25 25 25 25 25 25 25 25	ם ממממ מ
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Lab Name: GALSON LABORATORIES Contract: Blasland, B SS-4A

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)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/kg Q

75-34-31,1-Dichloroethane 71-43-2Benzene 108-88-3Chlorobenzene 108-90-7Ethylbenzene 100-41-4m,p-Xylene 95-47-6	14 14 14 14 14 14 14	8 10 10 10 10 10 10 10 10 10 10 10 10 10
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VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

Q

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)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) ug/kg

75-34-3-----1,1-Dichloroethane 14 10 UJ 71-43-2----Benzene 14 B M2 108-88-3-----Toluene 14 UUJ 108-90-7-----Chlorobenzene 14 100-41-4-----Ethylbenzene_ 14 UUJ 14 95-47-6------Xylene B (1) 14

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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

Sample wt/vol: 5

(g/mL) mL

Lab Sample ID: L59759-7 Lab File ID: BE50313

Date Received: 05/01/00

Level: (low/med) LOW

%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)

CONCENTRATION UNITS:

CAS NO.

COMPOUND

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

75-34-31,1-Dichloroethane 71-43-2Benzene 108-88-3Toluene 108-90-7Chlorobenzene 100-41-4Ethylbenzenem,p-Xylene 95-47-6Xylene	5.7* 5.55 5.55	ם מ מ מ מ
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* detection limit

Laboratory Narrative



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

Sund: W. W. Held

Date: May 19, 2070





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 BUREAU OF CENTRAL REMEDIAL ACTION

Re: Pollution Abatement Services Superfund Site 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.

738001

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. Carthy Geraci/MS

M. Cathy Geraci
Associate

MS/jlc

P:VLC\2000\59200146 WPD

DEC - 6 2000
TO 7446

FROM CONTROL OF THE PRINTING A

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

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

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

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 activities 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

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

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

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 resample 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 Iow 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 resampling 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) scdiment 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 nondetect);
- 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 Sampl	les		
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

- 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.
- 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]

- 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

- 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	Eccation	Total PEB Concentrations (mg/kg)
11/89	SS-1	ND
	SS-3	ND
11/90	SS-1	ND
	SS-4A	ND 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	White 7	0.161
(1995/1996)	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)

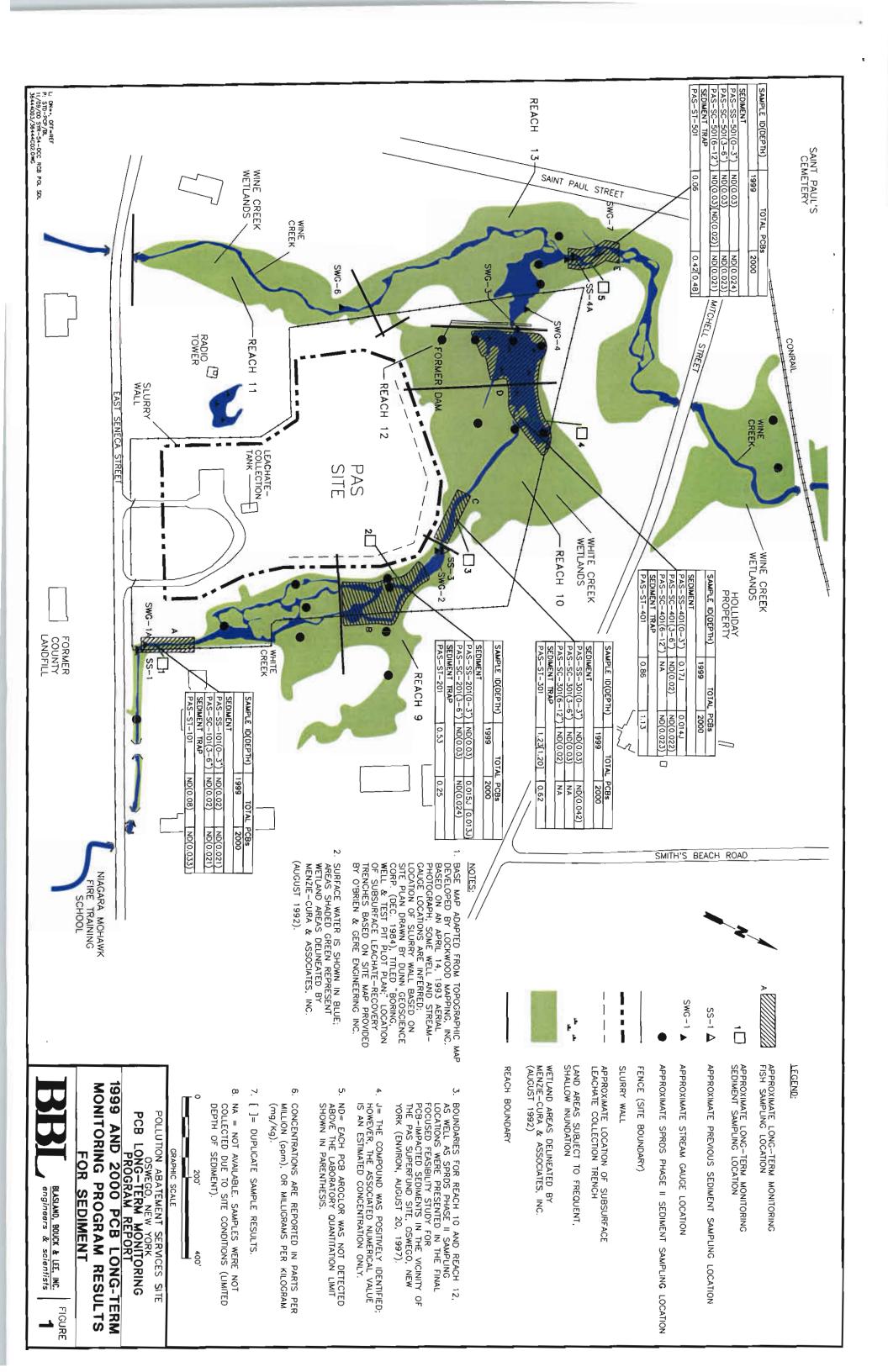
Pollution Abatement Services Superfund Site Operable Unit 4 Oswego, New York

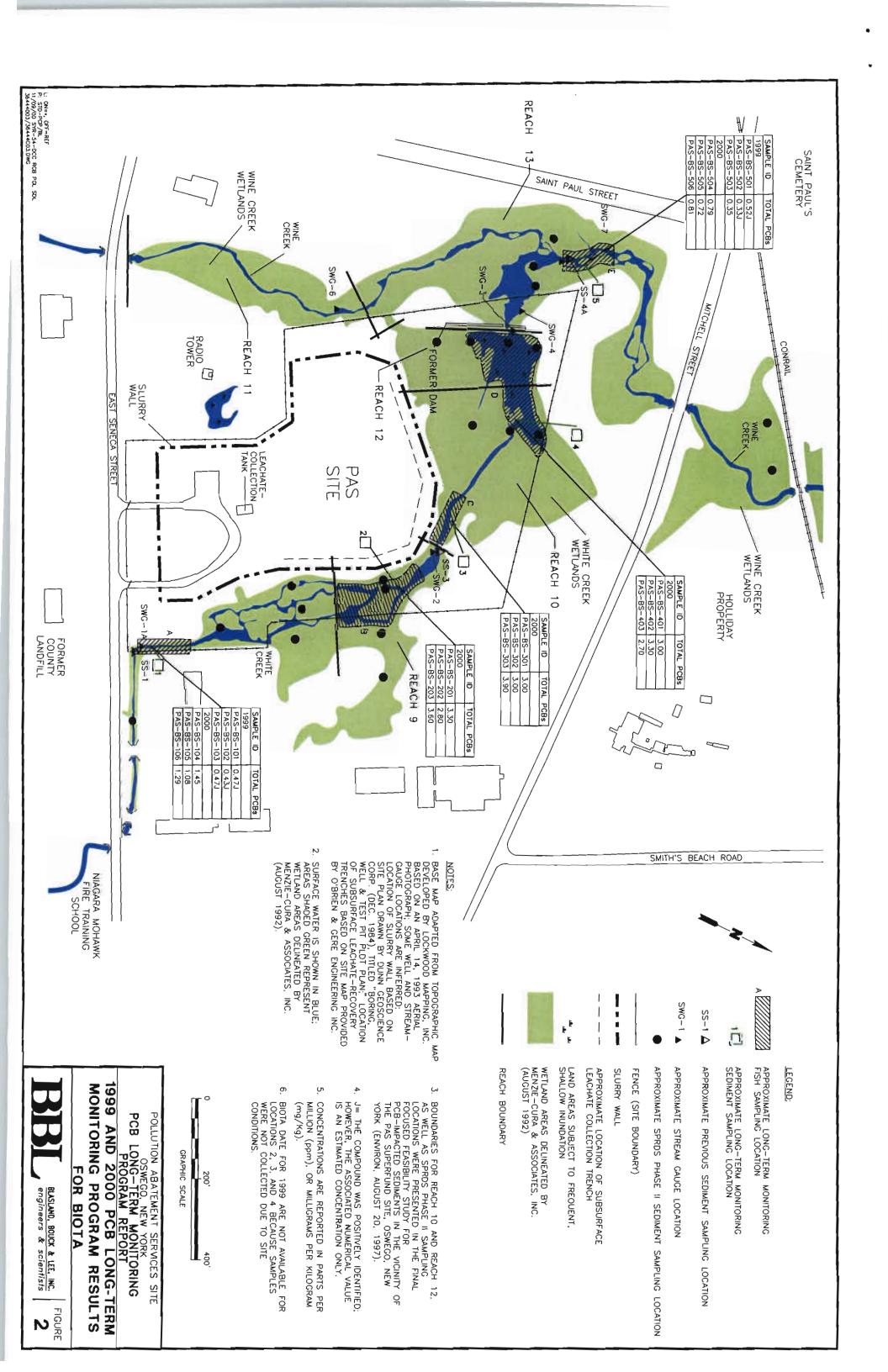
Long-Term Monitoring Program Report

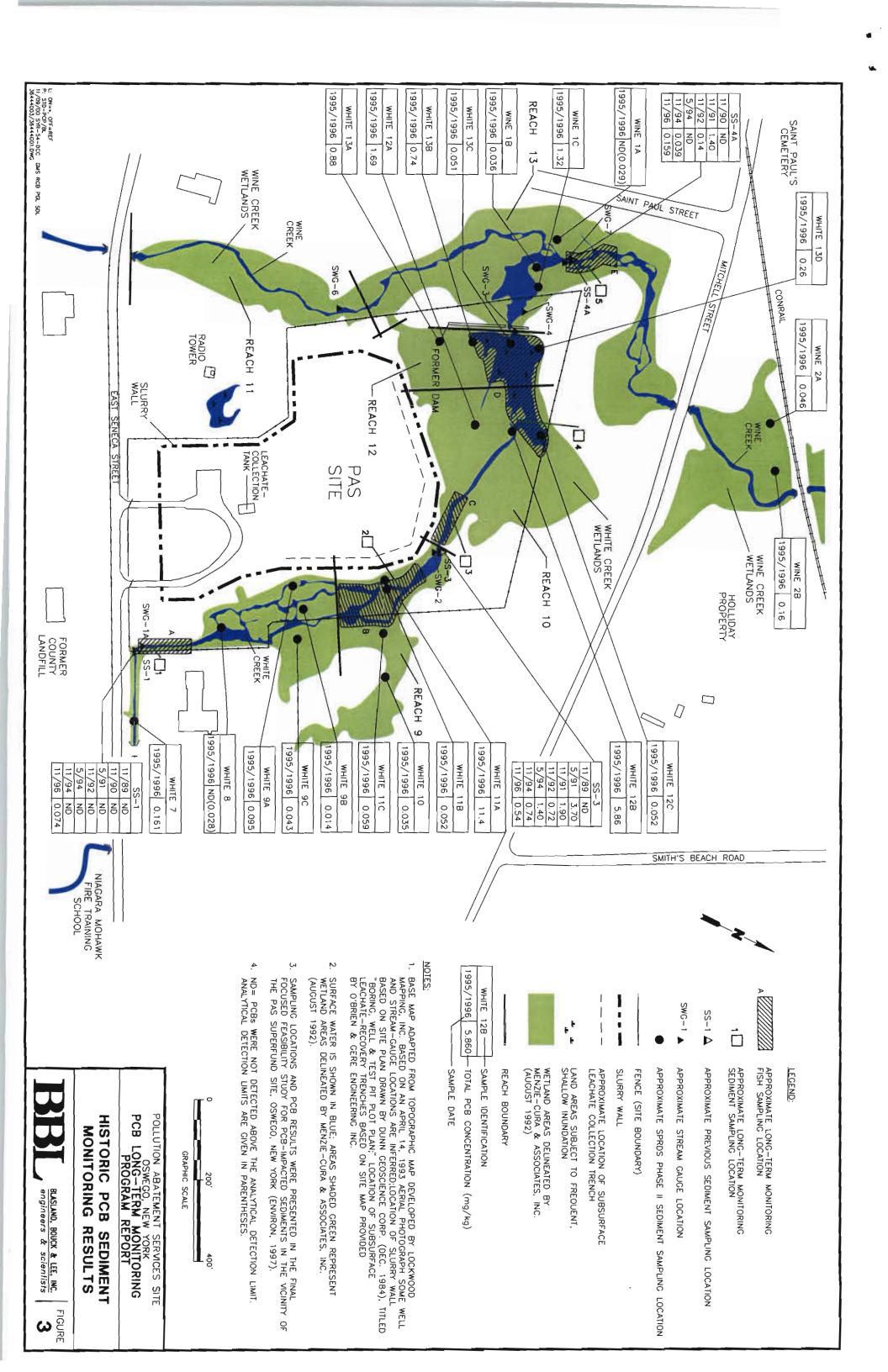
Summary of Historic Total PCB Sediment Sample Concentrations

Date	Location	Total PCB Concentration (mg/kg)
Phase 2 - SPRDS	White 11A	11.4
(1995/1996) (Cont'd)	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

- 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.









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 73800

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

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.

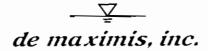
Mr. John Strang, New York State Department of Environmental Conservation,

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.

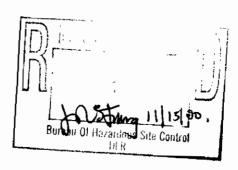
Mr. David K. Rigg, Blasland, Bouck & Lee, Inc.



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

Ouarterly Progress Report Subject:

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

Performing Settling Defendants CC:

J. Singerman, U.S. EPA Region II

G. Rider, NYSDEC, Division of Hazardous Waste Remediation

C. Branagh, NYSDÉC, 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 both BBLES and OBG leachate removal activities.
- BBLES performed ground-water elevation monitoring on July 3 and 17, 2000. OBG performed groundwater 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 moved 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.

Nov. 1

	LEACHATE REMOVAL EVENTS AND TASK SCHEDULE (4th Quarter 2000)						
	R	October 2000 Removal Events		November 2000 Removal Events		mber 2000 emoval 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).

Nov. 15

Dec. 6

Dec. 20

Remove leachate from LCW-1,

-2, -3, and -4 wells.

	January 2001 Removal Events		February 2001 Removal Events		al Removal		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:

Oct. 18

Oct. 4

Removal

 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

<u>August 16, 2000 Total = 10,484 gallons</u> 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

<u>September 20, 2000 Total = 9,985 gallons</u> <u>September 2000 Total = 20,407 gallons</u>

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	Durant	
(2/92 - 10/94)	Dupont:	221.808
(232 - 1034)	1992 (2/98 -12/98) 1993	337,619
	1993 1994 (1/94-10/94)	254,898
	<u>1994</u> (1/94-10/94) Subtotal	814.325
1994	DuPont:	014,020
1994 IGR Order	1	50,683
	1994 (From 10/94)	279,164
(10/94 - 10/98)	1995	279,164 119,901
	1996 (To 5/96)	449,748
	Subtotal (To 5/96)	449,748
	BFI/CECOS:	
	1996	163,446
	1997	269,371
	_1998 (1/98-10/98	207,541
	Subtotal	640,358
	Subibiai	
	94 IGR Order Total	1,090,106
Final IGR Total		1,904,431
ОММ	BFVCECOS:	
Consent Decree	1998 (11/98-12/98)	18,423
(Beginning 11/98)	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

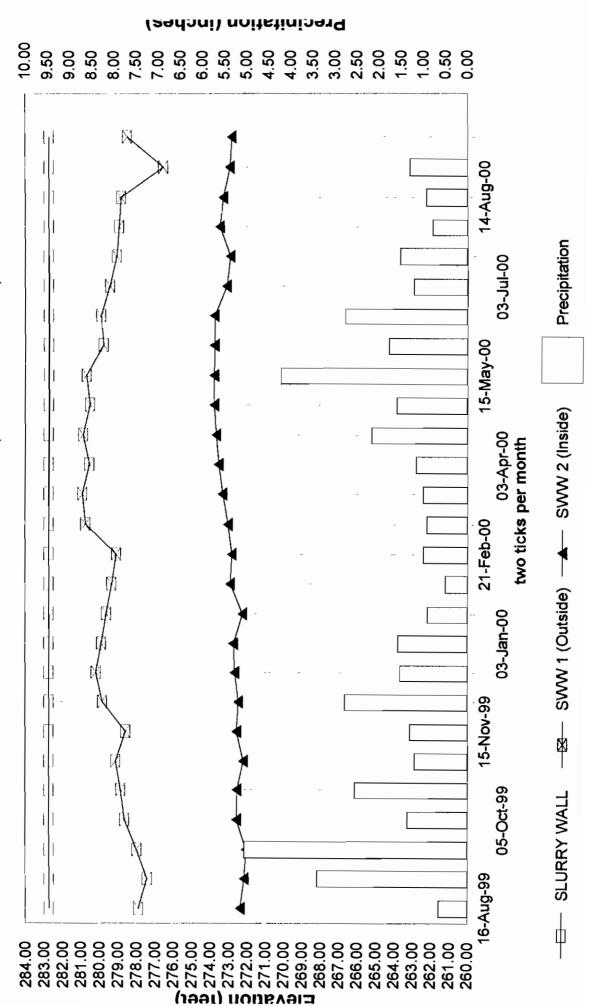
BFI/CECOS Work Order Number	Manifest #	Date Disposed
283561	NYG2448234	9/20/00
283562	NYG2448198	9/20/00

<u>Note</u>: "Gallons removed" is based upon BFI/CECOSIs 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

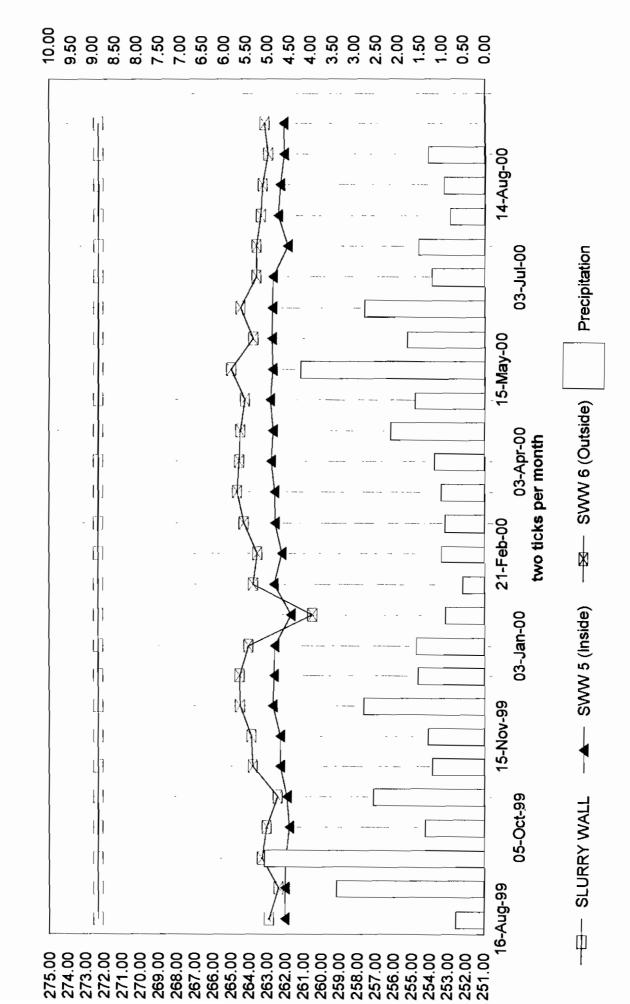
PAS - OSWEGO

GROUNDWATER ELEVATIONS (SWW1 & SWW2)



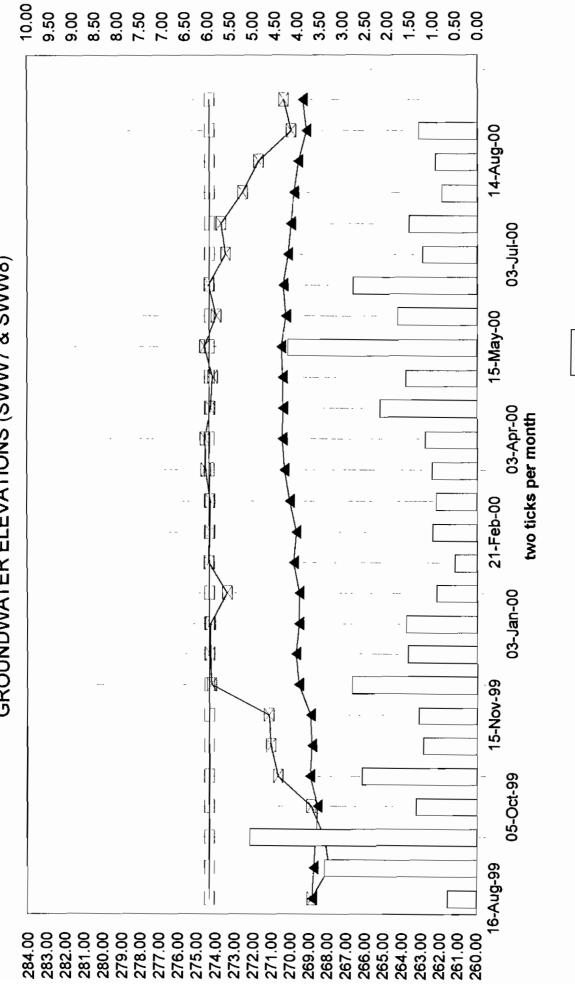
PAS - OSWEGO

GROUNDWATER ELEVATIONS (SWW5 & SWW6)



PAS - OSWEGO

GROUNDWATER ELEVATIONS (SWW7 & SWW8)



Precipitation

SWW 8 (Outside)

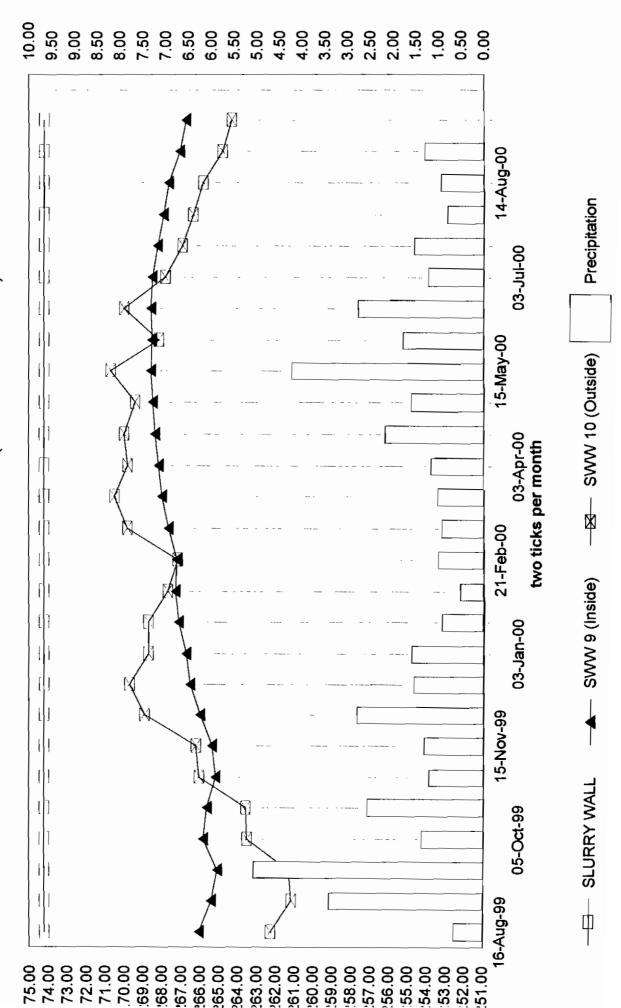
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SWW 7 (Inside)

SLURRY WALL

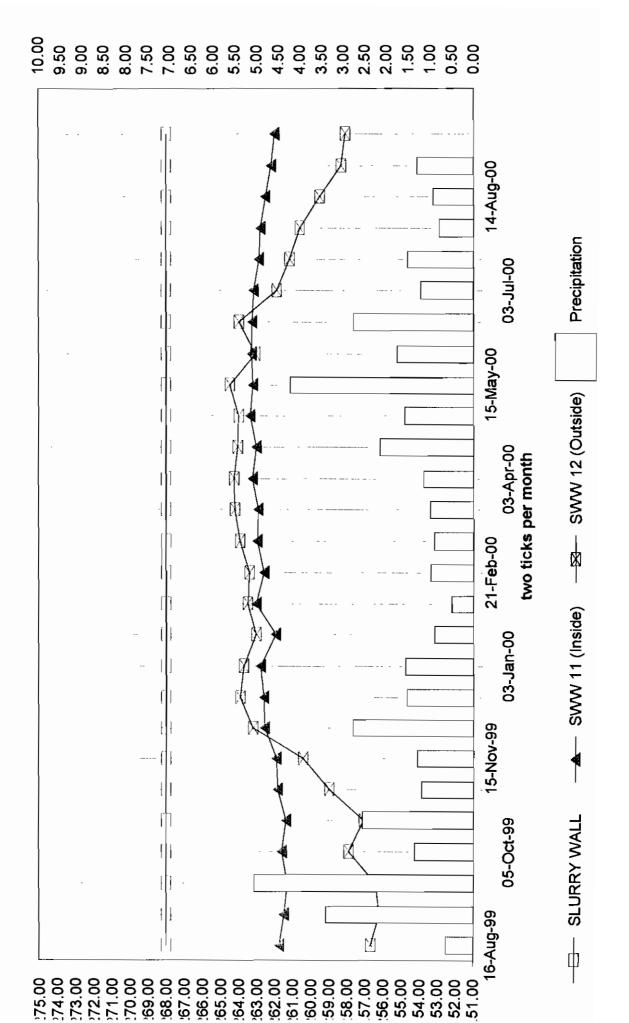
PAS - OSWEGO

GROUNDWATER ELEVATIONS (SWW9 & SWW10)



PAS - OSWEGO

GROUNDWATER ELEVATIONS (SWW11 & SWW12)



05-Oct-2000

BBL Environmental Services, Inc.

PAS Site

Oswego, New York

Pre-Pumping Monitoring Well Levels - Contingency Event
07/03/2000
06:45 AM

Well	Ground	Riser	DTW During			Acceptable Range	Within	Within Range?	Ground-Water	
Number	Elevation	Elevation	Elevation Previous Event Reading 1	Reading 1	Reading 2	for DTW	Yes	No	Elevation	Reading 3
SWW1	286.20	289.33	9.44	9.92	9.92	8.15 to 10.07	×		279.41	
SWW2	286.30	289.37	15.63	16.27	16.27	15.10 to 16.13		×	273.10	16.27
SWW3	286.00	286.50	17.04	17.07	17.07	16.44 to 17.54	×		269.43	
SWW4	282.90	283.60	14.33	16.28	16.28	12.30 to 16.47	×		267.32	
SWW5	275.90	277.02	14.29	14.33	14.33	13.67 to 14.82	×		262.69	
SWW6	270.90	273.06	8.57	9.45	9.45	7.56 to 9.78	×		263.61	
SWW7	273.30	277.93	7.57	7.81	7.81	6.95 to 8.20	×		270.12	
SWW8	275.70	278.24	3.90	4.78	4.78	3.16 to 4.80	×		273.46	
6MMS	283.30	285.55	16.98	17.06	17.06	16.48 to 17.57	×		268.49	
SWW10	279.30	280.43	10.45	12.60	12.60	9.23 to 12.77	×		267.83	
SWW11	271.00	273.50	10.25	10.34	10.34	9.64 to 10.79	×		263.16	
SWW12	270.20	272.82	8.85	10.93	10.93	7.83 to 10.25		×	261.89	10.93
LCW-1	271.40	272.21	11.04	10.97	10.97	9.94 to 11.70	×		261.24	
LCW-2	272.60	274.44	13.31	13.23	13.23	12.20 to 13.97	×		261.21	
LCW-3	283.30	284.36	18.15	18.25	18.25	17.65 to 19.11	×		266.11	
LCW-4	283.80	285.70	19.63	19.61	19.67	17.43 to 20.13	x		266.03	

C:\OSHFA\PAS\DATA\070300.WB2

05-Oct-2000

BBL Environmental Services, Inc.

PAS Site
Oswego, New York
Pre-Pumping Monitoring Well Levels - Contingency Event
07/17/2000

08:00 AM

Well	Ground	Riser	DTW During			Acceptable Range Within Range?	Within	Range?	Ground-Water	
Number	Elevation		Elevation Previous Event	Reading 1 Reading 2	Reading 2	for DTW	Yes	No	Elevation	Reading 3
SWW1	286.20	289.33	9.92	10.29	10.29	8.15 to 10.07		Х	279.04	10.29
SWW2	286.30	289.37	16.27	16.47	16.47	15.10 to 16.13		×	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		×	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	Х		273.69	
6MMS	283.30	285.55	17.06	17.34	17.34	16.48 to 17.57	×		268.21	
SWW10	279.30	280.43	12.60	13.51	13.51	9.23 to 12.77		×	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	•	×	261.19	11.63
LCW-1	271.40	272.21	10.97	11.32	11.32	9.94 to 11.70	×		260.89	
LCW-2	272.60	274.44	13.23	13.56	13.56	12.20 to 13.97	×		260.88	
LCW-3	283.30	284.36	18.25	18.20	18.20	17.65 to 19.11	×		266.16	
LCW-4	283.80	285.70	19.67	20.01	20.01	17.43 to 20.13	×		265.69	

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

07/31/2000 08:00 AM

Well	Ground	Riser	DTW During			Acceptable Range	Within Ra	nge?	Within Range? Ground-Water	
Number	Elevation	Elevation	Previous Event	Reading 1	Reading 2	for DTW	Yes	No.	Elevation	Reading 3
SWW1	286.20	289.33	10.29	10.41	10.41	8.94 to 10.79	×		278.92	
SWW2	286.30	289.37	16.47	15.92	15.92	15.12 to 16.97	×		273.45	
SWW3	286.00	286.50	17.19	17.31	17.31	16.50 to 17.69	×		269.19	
SWW4	282.90	283.60	16.36	16.87	16.87	13.83 to 16.86		×	266.73	16.87
SWWS	275.90	277.02	15.14	14.55	14.60	13.77 to 15.64	×		262.42	14.55
SWW6	270.90	273.06	9.46	69.6	69.6	8.07 to 9.96	×	Ī	263.37	
SWW7	273.30	277.93	7.97	8.15	8.14	7.07 to 8.47	×		269.79	8.15
SWW8	275.70	278.24	4.55	5.69	5.70	3.40 to 5.28		×	272.54	5.69
6MMS	283.30	285.55	17.34	17.63	17.63	16.48 to 17.84	×		267.92	
SWW10	279.30	280.43	13.51	14.08	14.08	9.95 to 14.01		×	266.35	14.08
SWW11	271.00	273.50	10.62	10.71	10.71	9.64 to 11.12	×		262.79	
SWW12	270.20	272.82	11.63	12.21	12.21	8.35 to 12.13		×	260.61	12.21
LCW-1	271.40	272.21	11.32	11.40	11.40	9.96 to 11.82	×		260.81	
LCW-2	272.60	274.44	13.56	13.59	13.59	12.21 to 14.06	×		260.85	
LCW-3	283.30	284.36	18.20	16.97	16.97	17.65 to 18.83		×	267.39	16.97
LCW-4	283.80	285.70	20.01	20.10	20.10	18.30 to 20.51	×		265.60	
LR-2	287.50	289.85	13.13	13.99	13.99	12.63 to 16.01	×		275.86	
LR-3	275.50	278.06	8.55	9.78	9.78	8.05 to 12.34	×		268.28	
LR-6	270.90	274.39	10.60	11.78	11.78	10.10 to 13.72	×		262.61	
LR-8	270.00	273.42	10.02	11.43	11.44	9.39 to 13.03	×		261.98	11.43
M-21	270.28	272.32	9.51	10.87	10.87	8.90 to 12.65	×		261.45	
M-22	270.40	273.88	10.53	11.65	11.65	10.03 to 13.63	×		262.23	
M-23	267.98	270.49	12.39	13.52	13.52	11.53 to 14.66	×		256.97	
M-24	276.49	277.94	14.44	16.20	16.20	13.89 to 17.89	×		261.74	
M-25	264.56	265.84	7.50	8.81	8.81	6.45 to 10.29	×		257.03	
M-26	271.85	273.38	9.41	13.87	13.87	7.14 to 16.08	×		259.51	

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

Well	Ground	Riser	DTW During			Acceptable Range	3369	Range?	Within Range? Ground-Water	
Number	Elevation	Elevation Elevation	Previous Event	ď	eading 1 Reading 2	for DTW	Yes	No	Elevation	Reading 3
SWW1	286.20	289.33	10.41	10.53	10.53	8.94 to 10.79	×		278.80	
SWW2	286.30	289.37	15.92	16.08	16.08	15.12 to 16.97	×		273.29	
SWW3	286.00	286.50	17.31	17.40	17.41	16.50 to 17.69	×	\ 	269.09	
SWW4	282.90	283.60	16.87	16.99	16.99	13.83 to 16.86		×	266.61	16.99
SWWS	275.90	277.02	14.55	14.72	14.72	13.77 to 15.64	×		262.30	
9MMS	270.90	273.06	69.6	9.78	9.78	8.07 to 9.96	×		263.28	
SWW7	273.30	277.93	8.15	8.37	8.37	7.07 to 8.47	×		269.56	
SWW8	275.70	278.24	5.69	6.56	6.56	3.40 to 5.28		×	271.68	6.56
6MMS	283.30	285.55	17.63	17.92	17.92	16.48 to 17.84		×	267.63	17.92
SWW10	279.30	280.43	14.08	14.61	14.61	9.95 to 14.01		×	265.82	14.61
SWW11	271.00	273.50	10.71	10.98	10.98	9.64 to 11.12	×		262.52	
SWW12	270.20	272.82	12.21	13.30	13.30	8.35 to 12.13		×	259.52	13.30
LCW-1	271.40	272.21	11.40	11.69	11.69	9.96 to 11.82	×		260.52	
LCW-2	272.60	274.44	13.59	13.91	13.91	12.21 to 14.06	×		260.53	
LCW-3	283.30	284.36	16.91	18.51	18.51	17.65 to 18.83	×		265.85	
LCW-4	283.80	285.70	20.10	20.85	20.85	18.30 to 20.51		×	264.85	20.85

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

Well	Ground	Riser	DTW During			Acceptable Range	Within Range?	Range?	Ground-Water	
Number	Elevation	Elevation	Previous Event	Reading 1	Reading 2	for DTW	Yes	No	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	×		268.89	
SWW4	282.90	283.60	16.99	17.39	17.39	15.78 to 16.86		X	266.21	17.39
SWWS	275.90	277.02	14.72	14.94	14.94	13.83 to 15.64	×		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		×	269.13	8.80
SWW8	275.70	278.24	6.56	8.29	8.29	4.05 to 5.28		×	269.95	8.29
6MMS	283.30	285.55	17.92	18.51	18.50	16.56 to 17.84		×	267.05	18.50
SWW10	279.30	280.43	14.61	15.62	15.62	12.10 to 14.01		×	264.81	15.62
SWW11	271.00	273.50	10.98	11.28	11.29	9.84 to 11.12		×	262.21	11.29
SWW12	270.20	272.82	13.30	14.49	14.49	10.43 to 12.13		×	258.33	14.49
LCW-1	271.40	272.21	11.69	17.29	17.29	10.47 to 11.82		×	254.92	17.29
LCW-2	272.60	274.44	13.91	13.52	13.52	12.73 to 14.06	×		260.92	
LCW-3	283.30	284.36	18.51	18.71	18.71	17.70 to 18.75	×		265.65	
LCW-4	283.80	285.70	20.85	20.73	20.73	19.17 to 20.51		×	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	Ground	Riser	DTW During			Acceptable Range	833	Range?	Within Range? Ground-Water	
Number	Elevation	Elevation	Elevation Elevation Previous Event	Reading 1 Reading 2	Reading 2	for DTW	λes	0N	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		х	266.38	17.22
SWWS	275.90	277.02	14.94	14.92	14.92	13.83 to 15.64	x		262.10	
9MMS	270.90	273.06	10.10	16.6	16.6	8.95 to 9.96	х		263.15	
SWW7	273.30	277.93	8.80	8.62	8.62	7.31 to 8.47		×	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
6MMS	283.30	285.55	18.50	18.82	18.82	16.56 to 17.84		×	266.73	18.82
SWW10	279.30	280.43	15.62	16.11	16.11	12.10 to 14.01		×	264.32	16.11
SWW11	271.00	273.50	11.29	11.49	11.49	9.84 to 11.12		×	262.01	11.49
SWW12	270.20	272.82	14.49	14.71	14.71	10.43 to 12.13		Х	258.11	14.71
LCW-1	271.40	272.21	17.29	11.85	11.85	10.47 to 11.82		×	260.36	11.85
LCW-2	272.60	274.44	13.52	14.10	14.10	12.73 to 14.06		×	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		×	264.89	20.81

ATTACHMENT 2

PAS Site Oswego, New York

Leachate Disposal Checklist ransportation Subcontractor

PUMPING RECORD FROM WELLS TO TANK

: " <i>:</i>		Collection imping		pling Flow Rate Analysis	Flow Rate				
Well	Start Time	Stop Time	Time	Tank Elev: (Ft. Down)	Calculation	Remarks			
LCW-1	609	BOO			SEE BELOW	INTERMITMENT OPERATION			
LCW-2	605	815			,				
W-3	605	7:15							
JW-4	605	815							
Leachate Holding Tank: USED STICK MEASUREMENT Q= 12000 (gale = 36 6Pm									

Initial Flow Meter Reading: Final Flow Meter Reading:

METER TNUP

335

PUMPING FROM TANK TO DISPOSAL TRUCK

	(Pte-L	reding) Tanker	(Post-L	oeding) Tanker	Destination	
Losd	Time	Confirmed Clean	Time	Tanker Volume (By Stick Mess.)	Manifest	Remarks
Load #1	970	\£S	1100	,	CECES	W.O.# 283049
	10	123	1106	5,625	1/2 PLILI OXIN	W.U. # 283041
Load #2	110	YES	1130	5,200	CECOS NY61719288	W.O.# 283050
Load #3		-1		,	resens.	1 202051
.oad #4					70.7.017	
			TOTAL	10,825		

5"CF LENETHATE REMANDING COLLECTION THICK CANCERGO DUE TO BFC MAINTENANCE PRODU

PAS Site Oswego, New York

Leachate Disposal Checklist

	THE	vision _			19/00	540					
BLES Pro	ect/Personne	<u>I</u>		ate	Tirne On-Site						
	RFC-			(51	105						
ransporta	Subcontr	ector	 	Leachat	Destination						
PUMPING RECORD FROM WELLS TO TANK											
· ·	Well Start Time Stop Time		Well Pumping Flow Rate Analysis		Flow Rate	Remarks					
Well			Time Tank Elev. (Ft. Down)		Calculation						
LCW-1	COO	735			SE BELOW	INFORMITHAT OPERATION					
LCW-2	(n/00	003									
W-3	600	0:03				<u> </u>					
LW-4	6:00	1003				\\\					
Leachate	Holding Tan	k: USED	STICK ME	A: Friment 1, 3	500 GALS AN	THE FROM PREVIOUS EVENT					
	Leachate Holding Tank: USED STICK MEASUREMENT 1,500 GALS IN TANK FROM PROMISE EVENT Q= 8625 GALS = 33 GAM Final Flow Meter Reading: METER TNOP -263 him = 33 GAM										
			PUMPIN	IG FROM TANK TO DISPO	OSAL TRUCK						

	(Pre-L	oeding) Tanket	(Post-l	oeding) Tanker	Destination:	
Load	Time	Confirmed. Clean	Time	Tanker Yokime (By Stick Meas.)	Manifest	Remarks
Load #1	810	yes	940	4945	CECOS NY61719971	W.O. # 283057
Load #2	950-	YES	1030	5180	CACO	w.o.# 293050
Load #3						
oad #4			. zu	. 10 125	_	

8 635

PAS Site Oswego, New York

Site Inspection Checklist

Date: 1/5/00 Personnel: 1.64		Time: 600				
rersonner; / (4-		Weather: SUN 78 S				
Site Feature	Previous Inspection	Condition/Maintenance/Activity				
	radia WiDale					
Cap		The second secon				
Burrowing Animals		OV				
Cap Vegetation		OK				
Concrete Drainage Trough		OY				
French Drain		<u> Ον</u>				
Weeds		Ŏ <u>V</u>				
Leachate Collection System						
Pumps		OV				
Pump Controls/Alarms		OK				
Tank Level		04				
Monitoring Wells						
Locks		OK				
Riser		OK				
Surface Completion						
General Site Conditions						
Foliage		ok				
Perimeter Fence		OK STARTED TRIMMING MISHY E. SENERA ST. ON 7				
Site access drive		OY J				
Stream gauges		0/				
Other Items						
Equipment Storage Shed		OK				
Fire Extinguisher		OK				
Spill Control Materials		10 K				

PAS Site Oswego, New York

Site Inspection Checklist

Time: 5:40 Weather: 5:40 Provide Inspection # Condition/Maintenance/Activity Date O/ O/ O/ O/ O/ O/ O/ O/ O/ O
evious Inspection / Condition / Maintenance / Activity / Julian / Condition / Condition / Maintenance / Condition / Conditio
OK - OK - OK
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Appendix H

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

Operation and Maintenance and Long-Term Monitoring Plan <u>Leachate Disposal Checklist</u>

BBLES Project Personnel OBG				812100 Date		<u>О 6 I 5</u> e On-Site			
	FC ition Subcontrac	tor	· ·	Leachate Destination					
	P	umping from l	Leachate C	ollection Wells to Leacha	ite Collection	Tank			
33:-41		Collection umping	Well Pur	nping Flow Rate Analysis	Flow Rate				
Well	Start Time	Stop Time	Time	Tank Elev. (Ft. Down)	Calculation	Comments			
LCW-I	0630	0900			See below	Intermittent operation			
LCW-2	0630	0930							
.CW-3	0630	0900							
ILCW-4	0630	0930							
Leachate Initial Flor Final Flow	Collection Tank w Meter Reading w Meter Reading:		neasurma ative	12,424	g =	35gpm			

Pumping from Leachate Collection Tank to Tank Trucks

	Pre-Loading			Post-Loading	Destination	
Load	Time	Confirmed Clean	Time	Tank Volume (By Stick Meas.)	Manifest	Comments
Load #1					NYG	WO# 283102
	0825	yes	0835	45"-5000g	2448144	6500 g straight
Load #2	0005)	MYG	wo# 283103
	0905	yes	0945	45"-50009	2448153	45004 straight
Load #3				_	NYG	WO# 283104
	0955	yes	1030	28.5"- 24249	244 8171	5000 pumpon
_oad #4						, ,

Appendix H

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

Operation and Maintenance and Long-Term Monitoring Plan <u>Leachate Disposal Checklist</u>

_	oject Personnel	<u> </u>		<u>8116100</u> Date		On-Site			
Transportation Subcontractor CEOS Leachate Destination									
	P	umping from l	Leachate Co	ollection Wells to Leacha	te Collection	Tank 			
Well	Leachate Collection Well Pumping		Well Pum	ping Flow Rate Analysis	Flow Rate	Comments			
VV EII	Start Time	ert Time Stop Time		Tank Elev. (Ft. Down)	Calculation				
LCW-I	0700	0915			Seebdoo	Intermittent operation			
LCW-2	0700	0930							
CW-3	0700	0915							
[LCW-4	0700	0930				<u> </u>			
Initial Flow	Collection Tank: v Meter Reading: Meter Reading:	Stick ma	easurmoust	10,470 299 m	9 = 3:	5gpm			

Pumping from Leachate Collection Tank to Tank Trucks

	Pre-L	oading	Post-Loading		Destination	
Load	Time	Confirmed Clean	Time	Tank Volume (By Stick Meas.)	Manifest	Comments
Load #1				,	NV6	₩°# 283233
	0000	yes	0440	5290g	2440162	4500g Straight
Load #2					MAR	WO# 2 0 3 2 3 4
	1030	yes	1058	5180g	2448189	283234 5000g Dumper
Load #3				<i>)</i>) ", ·
_oad #4		_	-,			

A totter to sum mideral dock

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	

	Collecti	hate on Well ping		Pumping ate Analysis	and the second s	
Well		Stop Time	Time	Tank Elev.(ft Down)	Flow Rate Calculation	Remarks
LCW-1	0645	0936			See Below	Intermitant Pumpine
LCW-2				1	1	
LCW-3						
LCW-4		1				1
Leachate Holding Ta Initial Flow Meter Re Final Flow Meter Re			nous+	10, 370 280	-9 = 37 min	gpm

	(Pre-) Ti	Joading) inker	(Post-	Loading) Tanker	Destination		
Load	3	Confirmed Clean	Time	Tanker Volume (by Stick Mass)	Manifest	Remarks	
Load #1	0925	yes	1035	48.4 -5150g	# NYG 2448216	283334	
Load #2	1040	yes	1135	NA- 5220	# NY6 244 8225	w# 283337	
Load #3		,		J			
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: 06-36 ABT
Transportation Subcontractor: BBL	0600
Leachate Destination: CE COS	
Date: 9.20.00	

	Leachate. Collection Well Pumping			Pumping te Analysis	in a second seco	
Well	Start Stop Time Time Time			Tank Elev,(ft Down)™	Flow Rate Calculation	Remarks
LCW-1						
20.1.	0645	0920)		See Below	Intermitant operation
LCW-2	1	1			1	1
LCW-3						
LCW-4	1	L'		}		<i></i>
Leachate Holding Tank:						

Initial Flow Meter Reading:

10,100	_9	=	36	apm
281	M			٠ ن

	Pre-L	oading) nker	(Post-l	Loading) Tanker	Destination		
Load	Time	Confirmed Clean	Time	Tanker Volume (by Stick Mass)	Manifest	Remarks	
Load #1	0840	ves	0920	45" 4900	NYG 2448234	28 354/	
Load #2	950	yes	чоо	ეი" 5 l∞ ,	NY6 2448198	283562	
Load #3)			
Load #4							

Appendix G

0B6 BBL Environmental Services, Inc.

PAS Site Oswego, New York

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

Adam B. Turk	Jer	7/31	100 0700
BLES Project Personnel		Date	Time On-Site
Item	Satisfactory	Unsatisfactory	Comments
Monitoring Wells			
Riser	×		
Locks	×		
Leachate Collection System a	nd Tank		
Pumps	×		
Pump Controls	×		Remotes Non-functional
Piping and Ball Valves	×		except power (ON/OFF)
Tank Level	×		5"
te Conditions			
Fence Line	×		
Gate Locked	X		
Site Access Drive	×		
Cap Vegetation	×		just mowed
Cap Drainage System	×		J
Equipment Storage Shed		×	waste weds removal
Stream Gauges			
Weather Conditions	Y		

Appendix G

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

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

Adam Turve		<u>81141</u>	00 0730
BLES-Project Personnel PB 6		Date	Time On-Site
ltem	Satisfactory	Unsatisfactory	Comments
Monitoring Wells	Januarday	Citationy	Comments
Riser	×		
Locks			W - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -
Leachate Collection System a			* need to oil before winter/fal
Pumps	X		
Pump Controls			
Piping and Ball Valves		 	
Tank Level	5 x	_	5"
e Conditions			
Fence Line	*		
Gate Locked	X		
Site Access Drive	×	,	
Tap Vegetation	*		
Jap Drainage System	×		
Equipment Storage Shed		×	waste still not removed
tream Gauges			
Veather Conditions	×		
marks/Special Maintenar	nce: (include separa	te detailed mainten	ance report as required)
	'3		

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 Survy
Site Feature	Previous Inspection Date	Condition/Maintenance
Сар	8.16.00	
Burrowing Animals		NA
Cap Vegetation		OK
Concrete Drainage Trough		OK
French Drain		OK
Weeds		or
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		05
Site Access Drive	_	Good
Stream Gauges		NA
Other Items		127
Equipment Storage Shed		6 K
Fire Extinguisher		O.K.
Spill Control Materials		0 K
REMARKS/SPECIAL MAINTE	ENANCE: (includes separate det	
WH.		

O'Brien and Gere Inc., of North America

PAS Site Oswego, New York

Site Inspection Checklist

Date: 9.18.00	Time:	0 700
Personnel: ABT	Weather:	55° SUNNY
Site Feature	Previous Inspection Date	Condition/Maintenauce Activity
Сар	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	1	_
Tank Level		3"
Monitoring Wells		
Locks		OK
Riser		OK
Surface Completion		OL
General Site Conditions		
Foliage		
Perimeter Fence		OK
Site Access Drive		Social
Stream Gauges		
Other Items		
Equipment Storage Shed		OK
Fire Extinguisher		OK
Spill Control Materials	\checkmark	OK
REMARKS/SPECIAL MAINTE	ENANCE: (includes separate deta	illed maintenance report, if

ATTACHMENT 3

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

Please type or print. Do not stople

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

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iarantona Wasta Manifest 18700	n

WASTE MANIFEST	1. Generatar's US (EPA IÐ No.	Manifest Do	oc. Na.	2. 1	Page 1	af Information is not requi		eavy bald line ederal Law.	
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3.Generator's Name and Mailing Add P45 üswege Site Perticip		Parties			^.	N	IYG 171	92	7 a	
c/o BEL Environmental Se			TREY		_					
6723 Tompath Kead, P.V.	Box 66. Syracus	ia, HY 13214-006				eneral	LOLIES	da ael	atament Service	
4. Generator's Telephone Number (315 1 446-9121	; `			Sit	e, E.	, Seneça St.	, Osno	go, MY 13126 .	
5. Transporter 1 (Company Name)	6.	US EPA ID Number					onsporter's ID	,,,	~~~ ~ 1 / 7 1 	
Buffalo Fuel Corp.		- Y R O O O	5 4 45 g 7 l	2:4	D. Transporter's Telephone (800) 677-8003					
7 Transporter 2 (Campany Name)	8.	US EPA ID Number	·		E. S	tate Tro	insporter's ID			
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9. Designated Facility Name and Site	Address 10). US EPA ID Number			G. 5	State Fa	cility ID			
CECOS internetional, in	RC.									
5600 Ningara Fella Boute					Н, Г	ocility	Telephone (716) 282	-2676	
diagers Falls, MY 14304	,	4 4 0 0 8 0 3	13 6 2	4 1						
11. US DOT Description (Including P	roper Shipping Name	, Hazard Class and ID	Number)	12. C	ontai	ners	13. Total	14. Unit		
				Numl	ber []	Туре	Quantity	Wt/Vol	I. Waste No.	
Q. BO hasta Cautanana	.11 Hannada	Cubatana II.	.14 5						EPA	
o. RQ, Masto, Environment	Multi-Source	Leachate Full	119, 7,	,	. 1	, }	1		F039	
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15. Special Handling Instructions or	id Additional Informa	tion								
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					_			2		
24-Hour Contact: (80	(a) 677-80G3		Work	Orde	r Ko.	·· 2	ぬりひれ	1		
16. GENERATOR'S CERTIFICATION										
and are classified, packed, marked of national government regulations and	-		r condition to	or trans	bou p	y highw	vay occording to a	applicable	e international and	
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18. Transporter 2 Acknowledgemen	t of Receipt of Materi	als 🚜					:			
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STATE OF NEW YORK DEPARTMENT OF ENVIRONMENTAL CONSERVATION DIVISION OF SOLID & FIAZARDOUS MATERIALS



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

Ī	UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's U	S EPA ID No.	Manifest Doc	. No.	2. Page				eavy bold line derol Law.	
4 Y D 0 0 U S 1 1 6 5 9 Q 0 0						1					
	3.Generator's Name and Mailing Address PAS Gaweija Site Participation Agreement Parties c/o iiii. invironmental Services, inc. Astn. L.W. McBurney PAS 3.Tompath (load, 8.0. joy h6. Syragues, NY 18214-1066) B. Generator's ID Pollution Abatement Services										
	5773 Tompath fload, P.O. 4. Generator's Telephone Number (ego, MY 1312b				
	5. Transporter 1 (Company Name)		6. US EPA ID Number			C. State 1			794	3F(NY)	
-	7 Transporter 2 (Compony Name)		8. US EPA ID Number	0: 4 5: 7	2 4	D. Transporter's Telephone (600) 677-8091					
			. !			F. Transpo	orter's Tele	phone ()		
١	9. Designated Facility Name and Site	Address	10. US EPA ID Number			G. State !	Facility ID				
	CECOS international, in 5600 Hiagare Falls Boul Niagare Falls, NY 14304	everd	NY BOS O	1:362:	,	H. Facility	/ Telephon	e (71	6) 28	2-2676	
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Ī	15. Special Hondling Instructions and Emergency Response Ref			Product Co	dae	12285-	AIR				
١	24-Hour Contacts (80)		•	Work Order	- •			0		ļ	
1	16. GENERATOR'S CERTIFICATION	•	that the contents of this	consignment of	re fully	and accur	ately descr	ribed abo	ve by pro	pper shipping name	
Ì	and are classified, packed, marked a national government regulations and			er condition for	trons	oort by high	way acco	rding to c	pplicable	international and	
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KAN	Printed/Typed Name	or receipt of mon	Signature						Mo.	Day Year	
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FACILITY	20. Facility Owner or Operator: Cer	tification of receip		s covered by thi	s man	fest except	os noted i	in Item 19			
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DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS



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

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4. Generator's Telephone Number (315 446-91			- 1	Site,	E. Se	nece St.	, Osm	90, NY 13126
5. Transporter 1 (Company Name)		6. US EPA ID Number			C. State	Transpo	rter's ID	2911	170 1
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7 Transporter 2 (Company Name)		8. US EPA ID Number			E. State 1	Transpor	ter's ID		
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11. US DOT Description (Including Pr	oper Shipping Na	me, Hazard Class and I	D Number)	12. C	ontainers	13. 1	otal	14. Unit	
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J. Additional Descriptions for Materia		1			\ \\\.\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	ionaling		wosies L	sted Above
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15. Special Handling Instructions and	Additional Inform	nation							
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16. GENERATOR'S CERTIFICATION:	I hereby declare	that the contents of this	consignment o	re fully	and accur	ately de	scribed abo	ve by pro	pper shipping name
and are classified, packed, marked are		· · · · · · · · · · · · · · · · · · ·	ser candition fo	r tronsp	ort by high	iwoy ac	cording to o	pplicable	international and
If I am a large quantity generator, I co		-	duce the volum	ne and t	oxicity of w	voste ge	neroted to	ilie degre	e I have determined
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18. Transporter 2 Acknowledgement	of Receipt of Mate	erials	- L-1-1-1-						
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19. Discrepancy Indication Space							-		
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20. Focility Owner or Operator: Cert				is monif	est except	os nole	d in Item 19	).	
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DEPARTMENT OF ENVIRONMENTAL CONSERVATION DIVISION OF SOLID & HAZARDOUS MATERIALS

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

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		. Box 12820, A	albany, New	TOTA	12	-12				
UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's US		Manifest D		2.	Page 1				eavy bold line aderol Law.
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c/o BAL Environmental Serv			McEurney		a .					
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present and future threat to human his generation and select the best waste i		•		-	-	have n	nade a ga	ad foith	effort to r	minimize my waste
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_ Quantit										
20. Facility Owner ar Operator; Cert	ification of receipt o	of hazardous materi	als covered by th	nis moni	fest e	except	os nated i	ı İtem 1	9.	
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STATE OF NEW YORK DEPARTMENT OF ENVIRONMENTAL CONSERVATION DIVISION OF SOLID & HAZARDOUS MATERIALS

# HAZARDOUS WASTE MANIFEST



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

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# DEPARTMENT OF ENVIRONMENTAL CONSERVATION DIVISION OF SOLID & HAZARDOUS MATERIALS 0 7 2000

Manifest Doc. No. 2 Page 1 of Information within heavy bald line

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



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

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



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

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

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Buffalo Fuel Corp.		N T R O 0:0:0	1:4:5:7	. 2 . 4	D.	Transpa	rter's Telephone	(800	677-8003
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#### STATE OF NEW YORK DEPARTMENT OF ENVIRONMENTAL CONSERVATION DIVISION OF SOLID & HAZARDOUS MATERIALS

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	UNIFORM HAZAF WASTE MANIF		erator's US EP.	A ID No.	Manifest D	oc. No.	2. Poge				ederal Law.	
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Buffalo Puel Corp.  NY RO 000 4 5 7.2 4  Transporter's Telephone (800 677.8003  E. Stote Transporter's ID  F. Transporter's ID  F. Transporter's Telephone (800 677.8003  E. Stote Transporter's ID  F. Transporter's Telephone (800 677.8003  E. Stote Transporter's ID  F. Transporter's Telephone (800 677.8003  E. Stote Focility ID  G. Stote Focility ID  H. Focility Telephone (800 282.2676  11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)  PRO, Waste, Kny Transmentally Haxardons Substance, Liquid, 9, n.e.s., UR3082, PC 111, Multi-cource Lenchare, F039 (Benneane, Toluena, Xylene)  D. Transporter's Telephone (800 677.8003  G. Stote Focility ID  H. Focility Telephone (800) 282.2676  Number Type Quantity Wit/vol I. Waste No. Pp. 111, Multi-cource Lenchare, F039 (Benneane, Toluena, Xylene)  D. Transporter's Telephone (800) 282.2676  F. Transporter's ID  F. Transporter's ID  F. Transporter's Telephone (800) 282.2676  H. Focility Telephone (800) 282.2676  II. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)  PRO, Waste, Kny Transmentally Haxardons Substance, Liquid, 9, n.e.s., UR3082, PC 111, Multi-cource Lenchare, F039 (Benneane, Toluena, Xylene)  D. Transporter's ID  F. Transporter's ID  F. Transporter's ID  F. Transporter's ID  F. Transporter's ID  F. Transporter's ID  F. Transporter's ID  F. Transporter's ID  F. Transporter's ID  F. Transporter's ID  F. Transporter's ID  F. Transporter's ID  F. Transporter's ID  F. Transporter's ID  F. Transporter's ID  F. Transporter's ID  F. Transporter's ID  F. Transporter's ID  F. Transporter's ID  F. Transporter's ID  F. Transporter's ID  F. Transporter's ID  F. Transporter's ID  F. Transporter's ID  F. Transporter's ID  F. Transporter's ID  F. Transporter's ID  F. Transporter's ID  F. Transporter's ID  F. Transporter's ID  F. Transporter's ID  F. Transporter's ID  F. Transporter's ID  F. Transporter's ID  F. Transporter's ID  F. Transporter's ID  F. Transporter's ID  F. Transporter's ID  F. Transporter's ID  F. Tra	4 Generator's Telephone	Number ( )					Servi	ce Si	te.E.	Sanec	a St. Oswego	
7 Transporter 2 (Company Name)  8. US EPA ID Number  9. Designated Focility Name and Site Address  CECOS International, Inc. 5600 Miegara Palle Blvd  Niagara Falle Blvd  Niagara Falle, NY 14304  11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)  RQ, Waste, Environmentally Hexardous Substance, Liquid, 9, n.o.a., UN3082, PG III, Multi-source Lenchate, F039 (Benzene, Toluene, Xylene)  CCCOS International, Inc. 5600 Miegara Palle Blvd  NY D O 8 O 3 3 6 2 4 1  11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)  RQ, Waste, Environmentally Hexardous Substance, Liquid, 9, n.o.a., UN3082, PG III, Multi-source Lenchate, F039 (Benzene, Toluene, Xylene)  CCCOS International, Inc.  State  FPA  STATE  D Additional Descriptions for Materials listed Above Water 99%, Toluene 0.00045%  a Xylene 0,0011%, Benzene 0.00045%  a Xylene 0,0011%, Benzene 0.0007%  But International Information  Emergency Response Rafer to EEG-171  24 Hour Contact; (800) 677.8003			-		A 4 5 7	2 4				944		113
P. Designated Focility Name and Site Address  10. US EPA ID Number  CECOS International, Inc. 5600 Miagara Falla Blvd  Miagara Falla, NY 14304  11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)  RO, Waste, Environmentally Hazardous Substance, Liquid, 9, n.o.a., UR3082, PC 111, Multi-source Lenchate. F039 (Benzene, Toluene, Xylene)  Descriptions for Materials listed Above Water 937, Toluene 0.000452, o Xylene 0,00117, Benzene 0.000075  Banzane Rafer to EEC-171 24 Hour Contact: (800) 677.8003  REPA 153371) Wester 12451-AAB Hork Ordeerso: 283371)					<del>7 4 3 7</del>	: 4 -				, 800 ,	677.8003	-
9. Designated Focility Name and Site Address CKCOS International, Inc. 5600 Miagara Falla Blvd NY 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 Type Quantity Wi/Nol Number Type Quantity Wi/Nol Number Type Quantity Wi/Nol Number Type Quantity Wi/Nol Number Type Quantity Wi/Nol Number Type Quantity Wi/Nol Number Type Quantity Wi/Nol Number Type Quantity Wi/Nol Number Type Quantity Wi/Nol Number Type Quantity Wi/Nol Number Type Quantity Wi/Nol Number Type Quantity Wi/Nol Number Type Quantity Wi/Nol Number Type Quantity Wi/Nol Number Type Quantity Wi/Nol Number Type Quantity Wi/Nol Number Type Quantity Wi/Nol Number Type Quantity Wi/Nol Number Type Quantity Wi/Nol Number Type Quantity Wi/Nol Number Type Quantity Wi/Nol Number Type Quantity Wi/Nol Number Type Quantity Wi/Nol Number Type Quantity Wi/Nol Number Type Quantity Wi/Nol Number Type Quantity Wi/Nol Number Type Quantity Wi/Nol Number Type Quantity Wi/Nol Number Type Quantity Wi/Nol Number Type Quantity Wi/Nol Number Type Quantity Wi/Nol Number Type Quantity Wi/Nol Number Type Quantity Wi/Nol Number Type Quantity Wi/Nol Number Type Quantity Wi/Nol Number Type Quantity Wi/Nol Number Type Quantity Wi/Nol Number Type Quantity Wi/Nol Number Type Quantity Wi/Nol Number Type Quantity Wi/Nol Number Type Quantity Wi/Nol Number Type Quantity Wi/Nol Number Type Quantity Wi/Nol Number Type Quantity Wi/Nol Number Type Quantity Wi/Nol Number Type Quantity Wi/Nol Number Type Quantity Wi/Nol Number Type Quantity Wi/Nol Number Type Quantity Wi/Nol Number Type Quantity Wi/Nol Number Type Quantity Wi/Nol Number Type Quantity Wi/Nol Number Type Quantity Wi/Nol Number Type Quantity Wi/Nol Number Type Quantity Wi/Nol Number Type Quantity Wi/Nol Number Type Quantity Wi/Nol Number Type Quantity Wi/Nol Number Type Quantity Wi/Nol Number Type Quantity Wi/Nol Number Type Quantity Wi/Nol Number Type Quantity Wi/Nol Number Type Quantity Wi/Nol Number Type Quantity Wi/Nol Number Type Quantity Wi/Nol Number	, manapanara (campan	<b>,</b>	1									1
CECOS International, Inc. 5600 Nisgara Fails Blvd  Niagara Fails, NY 14304  NY DO 8 0 3 3 6 2 4 1  11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)  RQ, Waste, Environmentally Haxardous Substance, Liquid, 9, n.o.a., UN3082, PG 111, Multi-source Leachate. F039 (Benzene, Toluene, Xylene)  D  G  EPA  STATE  d.  I Additional Descriptions for Materials listed Above Water 997, Toluene 0.000452 o Xylene 0,00112, Benzene 0.00b07k.  b  15 Special Handling Instructions and Additional Information Baergency Response Rafer to ERG-171 24 Hour Contact: (8001 677.8003	9. Designated Facility Na	me and Site Address	10	LIS EPA ID Number			`		· ·			1
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ORO, Waste, Environmentally Harardons Substance, Liquid, 9, n.o.s., UR3082, PC 111, Multi-source Lenchate, F039 (Benzene, Toluene, Xylene)  C  G  EPA  STATE  EPA  STATE  EPA  STATE  I Additional Descriptions for Materials listed Above Water 99%, Toluene 0.00045%, oXylene 0.0011%, Benzene 0.0007%  Benzene 0.0007%  Benzene 0.0007%  Benzene 0.0007%  Benzene 0.0007%  Benzene 0.0007%  Benzene 0.0007%  Benzene 0.0007%  Benzene 0.0007%  Benzene 0.0007%  Benzene 0.0007%  Benzene 0.0007%  Benzene 0.0007%  Benzene 0.0007%  Benzene 0.0007%  Benzene 0.0007%  Benzene 0.0007%  Benzene 0.0007%  Benzene 0.0007%  Benzene 0.0007%  Benzene 0.0007%  Benzene 0.0007%  Benzene 0.0007%  Benzene 0.0007%  Benzene 0.0007%  Benzene 0.0007%  Benzene 0.0007%  Benzene 0.0007%  Benzene 0.0007%  Benzene 0.0007%  Benzene 0.0007%  Benzene 0.0007%  Benzene 0.0007%  Benzene 0.0007%  Benzene 0.0007%  Benzene 0.0007%  Benzene 0.0007%  Benzene 0.0007%  Benzene 0.0007%  Benzene 0.0007%  Benzene 0.0007%  Benzene 0.0007%  Benzene 0.0007%  Benzene 0.0007%  Benzene 0.0007%  Benzene 0.0007%  Benzene 0.0007%  Benzene 0.0007%  Benzene 0.0007%  Benzene 0.0007%  Benzene 0.0007%  Benzene 0.0007%  Benzene 0.0007%  Benzene 0.0007%  Benzene 0.0007%  Benzene 0.0007%  Benzene 0.0007%  Benzene 0.0007%  Benzene 0.0007%  Benzene 0.0007%  Benzene 0.0007%  Benzene 0.0007%  Benzene 0.0007%  Benzene 0.0007%  Benzene 0.0007%  Benzene 0.0007%  Benzene 0.0007%  Benzene 0.0007%  Benzene 0.0007%  Benzene 0.0007%  Benzene 0.0007%  Benzene 0.0007%  Benzene 0.0007%  Benzene 0.0007%  Benzene 0.0007%  Benzene 0.0007%  Benzene 0.0007%  Benzene 0.0007%  Benzene 0.0007%  Benzene 0.0007%  Benzene 0.0007%  Benzene 0.0007%  Benzene 0.0007%  Benzene 0.0007%  Benzene 0.0007%  Benzene 0.0007%  Benzene 0.0007%  Benzene 0.0007%  Benzene 0.0007%  Benzene 0.0007%  Benzene 0.0007%  Benzene 0.0007%  Benzene 0.0007%  Benzene 0.0007%  Benzene 0.0007%  Benzene 0.0007%  Benzene 0.0007%  Benzene 0.0007%  Benzene 0.0007%  Benzene 0.0007%  Benzene 0.0007%  Benzene 0.0007%  Benzene 0.0007%  Benzene 0.0007	11. US DOT Description (	Including Proper Ship	pping Name, I	Hazard Class and 1D	Number)	12. C	ontainers	13. To	tal	14. Unit		
d. STATE  I Additional Descriptions for Materials listed Above Water 977, Toluene 0.000457, 0.Xylene 0.00117, Benzene 0.000457, 0.Xylene 0.00117, Benzene 0.00007,  b						Numb	er Type	Que	ontity	Wt/Vol		1
STATE  EPA  STATE  EPA  STATE   I Additional Descriptions for Materials listed Above Water 992, Toluene 0.000452  o Xylene 0.00112, Benzene 0.000071  b	° RO, Waste, Env Liquid, 9, n	ironmentall	9 Hazard	ious Subata (11, Multi-	nce, enuice	ا ا		 + d			F039	-
d.  J. Additional Descriptions for Materials listed Above Water 99%, Toluene 0.00045%, a Xylene 0.0011%, Benzene 0.00007%;  b  15 Special Handling Instructions and Additional Information Emergency Response Refer to ERG-171 24 Hour Contact: (800) 677.8003  STATE  K. Handling Codes for Wostes Listed Above a T  C  Product Code: 12451-AAB Work Ordeer50: 28234	l L	32 (BAURANA	, 1010di	My Ayrene/		<b>W</b> . G:	1 1 1	-1	1	47	EPA	1
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d.  J. Additional Descriptions for Moterials listed Above Water 99%, Tolliene 0.00045% of Xylamo 0.0011%, Benzene 0.00045% of Xylamo 0.0011%, Benzene 0.00007k.  b.  15. Special Handling Instructions and Additional Information Benzency Response Refer to EEG-171 24. Hour Contact: (800) 677.8003  16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping nome and are classified, packed, marked and labeled, and are in all respects in proper candition for transpart by highway occording to ophicable international and national government regulations and state lows and regulations.  If I am a lorge quantity generator, I certify that I have a pecketed 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 woste generation and select the best water management method that is available to me and that I can afford.  Printed/Typed Name  Signature  Mo. Day Year  19. Discrepancy Indication Space  Quantity Years Algent for Pas Signature  Mo. Day Year  19. Discrepancy Indication Space  Quantity Years Algent for passage of the processor of the processor of the processor of the processor of the processor of the processor of the processor of the processor of the processor of the processor of the processor of the processor of the processor of the processor of the processor of the processor of the processor of the processor of the processor of the processor of the processor of the processor of the processor of the processor of the processor of the processor of the processor of the processor of the processor of the processor of the processor of the processor of the processor of the processor of the processor of the processor of the processor of the processor of the processor of the processor of the processor of the processor of the processor of the proces	<u></u>					<u> </u>	<u> </u>	<u> </u>	1			4
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Additional Descriptions for Moterials listed Above Water 99%, Toluene 0.00045% o Xyleno 0,0011%, Benzene 0.00007% c									1		STATE	_
J. Additional Descriptions for Materials listed Above Water 99%, Toluene 0.00045% a Xylene 0.0011%, Benxene 0.00007 b  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  It c  I	d.										EPA	1
Water 99%, Toluene 0.00045%, Senzene 0.00007%.  b  15 Special Handling Instructions and Additional Information Emergency Response Refer to ERG-171  24 Hour Contact: (800) 677.8003  Product Code: 12451-AAB Work Ordeerso: 28234							:	1. [			STATE	7
15 Special Handling Instructions and Additional Information  Emergency Response Refer to ERG-171  24 Hour Contact: (8001 677.8003  Product Code: 12451-AAB  Work Orderso: 28234	Water 99%, To oxylene 0,0011	Luene 0.000 Z. Benzene	0.90b07			.			τ			+
EBERTSENCY Response Refer to ERG-171  24 Hour Contact: (800) 677.8003  16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name 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 valume and toxicity of wosts generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, ar dispasal 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  Ascent for PAS 3 Eigensture  Mo. Day Year  Ascent for PAS 3 Eigensture  Mo. Day Year  19. Discrepancy Indication Space  Quantity Year Acknowledgement of Receipt of Materials  Printed/Typed Name  Signature  Mo. Day Year  19. Discrepancy Indication Space  Quantity Year Acknowledgement of Receipt of Materials Constituted to the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the second of the se	ь	<u> </u>	•	d	_ 1	•	Ь			d		┛
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 transpart by highway occording 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 pragram in place to reduce the valume and toxicity of woste generated to the degree I have determined to be economically practicable and that I have selected the practicable method afteratment, storage, ar dispasal 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  17. Transparter I Acknowledgement af Receipt of Materials  Printed/Typed Name  Signature  Mo. Day Year  18. Transparter 2 Acknowledgement of Receipt of Materials  Printed/Typed Name  Signature  Mo. Day Year  19. Discrepancy Indication Space  Quantity Year Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.  Frinted/Typed Name  Signature  Mo. Day Year  19. Discrepancy Indication Space  Quantity Year Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.  Frinted/Typed Name	Emergency Res	ponse Refer	to ERG								28234	
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  17. Transparter 1 Acknowledgement of Receipt of Materials  Printed/Typed Name  Signature  Mo. Day Year  18. Transparter 2 Acknowledgement of Receipt of Materials  Printed/Typed Name  Signature  Mo. Day Year  19. Discrepancy Indication Space  Quantity Year Allows  20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.	and are classified, packed national government regu If I am a large quantity go	l, marked and labele plations and state law enerator, I certify that	ed, and are in ws and regulat t I have a prog	all respects in prope ions. gram in place ta red	er candition for	or tronsp	ian by high toxicity af w	way acco	ording to o	opplicable	international and re I have determined	1
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	Printed/Typed Name		_								Day Year	,

#### BLASLAND, BOUCK & LEE

DIMISION OF SOUD & HAZARDOUS MATERIALS

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

Philippens Works Mandage 1/2/201

UNIFORM HAZARDOUS 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. WASTE MANIFEST N: Y: D: 0: 0: 0: 5: 1: 1 6: 5: 9 8: 5: 8: 6: 5 and the NYS Department of Environmental Conservation (518) 457-7362 3.Generator's Name and Mailing Address PAS Oswego Site c/o BB&L NYG2285865 155 Corporate Woods; Suite 150 East Seneca St. Rochester NY 14263 Oswego, NY 14314 Generator's Telephone Number ( 716) 292-6740 C. State Transporter's ID DU 43419 D. Transporter's Telephone (732) 462 6. US EPA ID Number 5. Transporter 1 (Company Name) D. Transporter's Telephone ( 462-1001 N: J D: 0. 5: 4: 1: 2: 6 1 6: 4 Freehold Cartage, Inc. 7 Transporter 2 (Company Name) 8. US EPA 1D Number E. State Transporter's ID F. Transporter's Telephone ( G. State Facility ID 9. Designated Facility Name and Site Address 10. US EPA ID Number CWM Chemical Services, LLC H. Facility Telephane ( 716) 754-8231 1550 Balmer Road N Y D 0 4 9 8 3 6 6 7 Model City NY 14107 Containers 11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number) 13. Yotal Number | Type Quantity WI/Yal I. Waste No. EPA RQ Hazardous waste, solid, n.o.s. (F039) F039 9, NA3077, III STATE Ь. EPA GENERATOS STATE EPA STATE đ FPA STATE National Response Center (800) 424-8802 J. Additional Descriptions for Materials listed Above K. Handling Codes for Wastes Listed Above 15. Special Handling Instructions and Additional Information 81532611 NYNTII WTS#BB7627 WO# 716-292-6740 X31 DOUG PUSZCZ Emer. Contact: a CP0936 PRG# 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 tabeled, and are in all respects in proper condition for transport by highway according to applicable international and notional 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 laxicity 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 dispasal 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 end different specific the best waste management method that is available to me and that can afford.

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



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In cose of emergency ar spill immediately call the National Respanse Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

### HAZARDOUS WASTE MANIFEST RO. Box 12820, Albany, New York 12212

(Hazardous Waste Manifest 1/5/99)

WASTE MANIFEST	1. Generator's US	EPA ID No.	Manifest D	oc. No.	2. Page	I		neovy bold line ederol Low.
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Buffalo Fuel Corp	ļ Ķ	1.Y . R . O . O . O . O	#:3:2	2.4	D. Transp	orter's Telephone	(800)	677-8003
7 Transporter 2 (Company Name)	8.	US EPA ID Number			E. State T	ransporter's ID		
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9. Designated Facility Name and Site CECOS International	11	). US EPA ID Number			G. State F	acility ID		
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15. Special Handling Instructions one	d Additional Informat	on						
Emergency Response 24 Hour Contact:					ï	Product Co Fork Order		12451-AAB 283336
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# DEPARTMENT OF ENVIRONMENTAL CONSERVATION DIVISION OF SOLID & HAZARDOUS MATERIALS

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PAS OSWEGO SITE PARTICIPATION Agreement Parties  c/o O'Brien & Gere Inc., of North America 5000 Brittonfield Parkway, N. Syracuse, NY 13057  4. Generator's Idephone Number ( ) 5. Transporter (Company Name)  Buffalo Fuel Corp
5000 Stittenfield Parkway, N. Syracuse, NY 13057 4. Generator's felephone Number   6. US EPA ID Number   6. US EPA ID Number   7. Transporter 1 (Company Name)   6. US EPA ID Number   7. Transporter 2 (Company Name)   8. US EPA ID Number   9. US EPA ID Number   9. US EPA ID Number   9. US EPA ID Number   9. US EPA ID Number   9. US EPA ID Number   9. US EPA ID Number   9. US EPA ID Number   9. US EPA ID Number   9. US EPA ID Number   9. US EPA ID Number   9. US EPA ID Number   9. US EPA ID Number   9. US EPA ID Number   9. US EPA ID Number   9. US EPA ID Number   9. US EPA ID Number   9. US EPA ID Number   9.
4. Generator's Telephone Number ( ) 5. Transporter 1 (Company Name)
Buffalo Fuel Corp  NYRIO 0 0 0 4 5 7 2 4  D. Transporter's Telephone (800 ) 677-8003  E. State Transporter's ID  F. Transporter's Telephone ( )  9. Designated Facility Name and Site Address CECOS International, Inc. 5600 Magara Fails Blvd.  Mingara Fails Blvd.  Mingara Fails Blvd.  Mingara Fails NY 14304  NYD \$ 8 0 3 3 6 2 4 1  11. US DOY Description (Including Proper Shipping Name, Hazard Class and ID Number)  BQ, Waste, Environmentally Hazardous Substance, Liquid, 9, n.o.s., UN3082, PG 111, Multi-source Leachate, F039 (Benzene, Toluene, Kylene)  BQ  Additional Descriptions for Materials listed Above Water 99X, Toluene 0.000457  O Xylene 0.0011Z, Benzene 9.0000 Xc  B Q, Special Handling Instructions and Additional Information
7 Transporter 2 (Company Name)  8. US EPA ID Number  E. State Transporter's ID  F. Transporter's Telephane (  9. Designated Facility Name and Site Address CECOS International, Inc. 5600 Miagara Falls Blvd. Miagara Falls Blvd. Miagara Falls NY 14304  11. US DOY Description (Including Proper Shipping Name, Hazard Class and ID Number)  ORQ. Waste, Environmentally Hazardous Substance, Liquid. 9. n.o.s., UN3082, PG 111. Multi-source Leachate, F039 (Benzene, Toluene, Xylene)  OOI 1 TT 5220 (5)  STATE  EPA  STATE  O Additional Descriptions for Materials listed Above Water 99%, Toluene 0.000457  O Xylene 0.00117, Benzene G.0000 Tc  D Market State Transporter's ID  E. State Transporter's ID  E. Transporter's ID  E. Transporter's ID  E. Transporter's ID  E. Transporter's ID  E. Transporter's ID  E. Transporter's ID  E. Transporter's ID  E. Transporter's ID  E. Transporter's ID  E. Transporter's ID  E. Transporter's ID  E. Transporter's ID  E. Transporter's ID  E. Transporter's Telephane (  C. State Facility ID  H. Facility Telephane (7/1/c) 282-2676  To Quantity Wil/Vol I. Waste No.  EPA  STATE  EPA  STATE  EPA  STATE  The Additional Descriptions for Materials listed Above Water 99%, Toluene 0.000457  O Xylene 0.00117, Benzene G.0000 Tc
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24 Hour Contact: (800) 677-8003 Work Order Ro: 28カンプナ
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 occarding 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 valume and taxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, starage, 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 4.4 ** **Type **
for PAS site Participation Agreement Parties) Adam Bury June 09 06 00
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JIMIE OF HEN LOSS DEPARTMENT OF ENVIRONMENTAL CONSERVATION DIVISION OF SOLID & HAZARDOUS MATERIALS

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

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



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

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c/o O'Brien & Gare Inc., of No	orth America						Abatement Serv
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CECOS International, Inc.							
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# ATTACHMENT 4

No: 001803

Date : 84-92-69 : A42838 Ticket #

Time In: 13:38:43 CAS N : 0000042

Time But: 15:24:58 LMS M: 8009188

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

Post-It's brand fax transmittal memo 7671

1 SEE GENERATOR Custoner

Vehicle # : 888238

Lic Plate:

 $\dot{\Box}$ 

CECOS

Manifest # : Source Cd 1 PO N:

Transporter: HAZ CECOS OF NEW TORK

1/Unit

Comment : BFC

Generator : CNY

Operator: JOHN KIBLIN

Scale In # 1 1 Gross Wt 1

Scale Out #: 1

38.28 Tare Wt: 16.28

Net Wt: 22.88 t

Item Descr

SPC

SPC

22.88 t

Bill Oty

Extended

Di Gioccio 15) 282-2676

School is out-Summer is here!!

CECOS INTERNATIONAL, INC.

5600 NIAGARA FALLS BLVD. NIAGARA FALLS, NY 14304

: 88-92-88 Time Out: 15:46:39 Time In: 14:28:35 : 842844 CMS # : 8988842 LMS N: 8000188

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lehicle N : 808454

Lic Plate:

CECOS

Manifest # 1

PO 1:

Transporter: BFC

Source Cd 1

Generator : CNY CECOS OF NEW YORK

I BUFFALO FUEL

Operator: JOHN KIBLIN

Scale in W: 1

Scale Out #: 1

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Het Wt: 21,92 t

... Descr 37.23

Bill Oty

21.92 t

\$/Unit Extended

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School is out-Summer is here!!

No.: 001806

Time Out: 16:83:48

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

CMS # : 8888842 : SEE GENERATOR

LMS N: 0000100

hicle # : 886889

Lic Plate:

Transporter: S Generator 1 CNY CECOS OF NEW YORK

Operator: JOHH KIBLIN

Scale Out #: 1

**s/Unit** 

Tare Wt: 18.73 Net Wt: 18.88 t

Bill Oty

Extended

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(W.O. 283104)
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CECOS INTERNATIONAL, INC. 5600 NIAGARA FALLS BLVD.

NIAGARA FALLS, NY 14304

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"Rick O'Shea	From Rich Di Circon		
co. O'Brien & Gere	co. CECOS		
	Phone # 212-2676		
135463-7440	Fax # 1716) 282-6073		

(CESEB > MOM)

No.: 001846

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

: 88-16-8R Time In: 13:40:17 Time Dut: 14:47:53 CMS # : 9888842 Ticket N : 844554 LMS N: 0000100

Austomer : SEE GENERATOR

/ehicle N : 888461

Lic Plate:

famifest # s

PO M:

Transporter: BFC

Source Cd 1

comment : BUFFALG FUEL

Operator: AL SMITH

iross Wt 1

Scale Out #: 1

37.34 Tare Wt: 15.54

Met Wt: 21.88 t

Bill Qty

\$/Unit

Extended

300

SPC

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School is out-Supper is here!!

Time In: 14:25:13 Time Out: 15:30:32 1 88-16-88 CMS N : 8888842 LMS N: 8000100 icket 4 : 844578

ustomer : SEE GENERATOR

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Transporter: 8 Generator : CNY CECOS OF NEW YORK

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Scale Out #: 1

48.99 Tare Wt: 19.84 Net Wt: 21.95 t

Operator: AL SMITH

Bill Oty \$/Unit Extended Descr

χ SPC

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School is out-Summer is here!!

(w.o.# 283234)

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Post-It" brand fax transmittal memo 7671

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

: 89-86-88 Time In: 13:46:56 Time Dut: 15:48:43 Date CMS # : 0000042 LMS 1: 8680189 Ticket # : A46927

Customer : SEE GENERATOR

Vehicle # 1 808451 Lic Plate:

CECOS

Manifest # :

PG #1

Transporter: BFC

\$/Unit

Source Cd :

Gross Mt

Comment : BUFFALO FUEL Operator: AL SMITH

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Scale Out #: 1

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Net Wt: 21.72 t

[tem Descr Bill Oty

Caution-School is in session!!

Extended

SPC

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(W.O.# 283336)

CECOS INTERNATIONAL, INC.

5600 NIAGARA FALLS BLVD. NIAGARA FALLS, NY 14304

Time In: 14:51:17 CMS W : 0000042 # 89-86-88 Time Out: 16:88:23 1 A46940 LMS W: 6008109

1 SEE GENERATOR Customer

Vehicle W : 808454

Lic Plate:

Manifest # : BOUTCE Cd 1

Transporter: BFC Generator : CHY CECOS OF NEW YORK

: BUFFALO FUEL

Operators AL SMITH

Scale In # : 1

Scale Out #: 1

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Caution-School is in session!!

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Operator: AL SMITH

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Descr

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Bill Oty \$/Unit

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Caution-School is in session!!

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

Post-It' brand fax transmittal memo 7671 | # of peges > DiCiorcia Dept. 82-2676

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Caution-School is in session!!

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

(W.O. 283562)

JAN-MAKCH 2000 MS alialist

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,

4/10/0

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

### 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 moving 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) 1993 <u>1994</u> (1/94-10/94) Subtotal	221,808 337,619 <u>254,898</u> 814,325
1994 IGR Order (10/94 - 10/98)	DuPont: 1994 (From 10/94) 1995 1996 (To 5/96) Subtotal (To 5/96)  BFI/CECOS: 1996 1997 1998 (1/98-10/98 Subtotal  94 IGR Order Total	50,683 279,164 119,901 449,748 163,446 269,371 207,541 640,358 1,090,106
Final IGR Total		1,904,431
OMM Consent Decree (Beginning 11/98)	BFI/CECOS: 1998 (11/98-12/98) 1999 <u>2000</u> (1/00 - 3/00) OMM Subtotal	18,423 177,710 <u>34,320</u> <b>230,453</b>
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.

PADED

TABLE 1 - OPERATION AND MONITORING SCHEDULE

Ю	PERATI	ON ANI	MOM!	TORIN	G SCHI	OPERATION AND MONITORING SCHEDULE - PAS OSWEGO SUPERFUND SITE	- PAS 0	SWEG	SUPE	RFUND	SITE	
	Apr.: Rem Eve	Apr 2000 Removal Events	May 2000 Removal Events	2000 oval nts	Jun 2000 Removal Events	un 2000 temoval Events	Jul 2000 Removal Events	ul 2000 temoval Events	Aug 2000 Removal Events	ug 2000 temoval Events	Sep 2000 Removal Events	ep 2000 (emoval Events
	First	Cont. Event	First Event	Cont	First Event	Cont	First	Cont	First	Cont	First	Cont
Pre-Pump Monitoring	Apr 3	Apr 17	May 1	May 15	Jun 5 Jun 19	Jun 19	Jul 3	Jul 17	Jul 31	Jul 31 Aug 14 Sep 5	Sep 5	Sep 18
Semi- Annual Monitoring		_	May 1									
Leachate Removal Schedule	Apr 5	Apr 19	Apr 19   May 3   May 17	May 17	Jun 7	Jun 21 Jul 5 Jul 19	Jul 5	Jul 19	Aug 2	Aug 2 Aug 16	Sep 6	Sep 20

### Notes:

- Water levels in all LCW-series and SWW-series wells monitored monthly. Water levels in all M-series and LR-series wells monitored quarterly. Stream water levels monitored semi-annually.
- Water quality monitored in all LTM-wells (LR-6, LR-8, M-21, M-25 and M-26) semi-annually. Leachate quality in leachate collection wells (LCW-2
  - and LCW-4) monitored semi-annually. Sediment quality monitored annually during the fall.

    Leachate will be removed from LCW-series wells as necessary based on pre-pumping water level measurements collected from SWW-series wells.
- Contingency removal events only conducted if monitoring results collected typically during the third week of the month indicates sufficient leachate volume (i.e., 10,000 gallons) has accumulated in the collection trenches as required by the Operation, Maintenance and Long-Term Monitoring Plan.

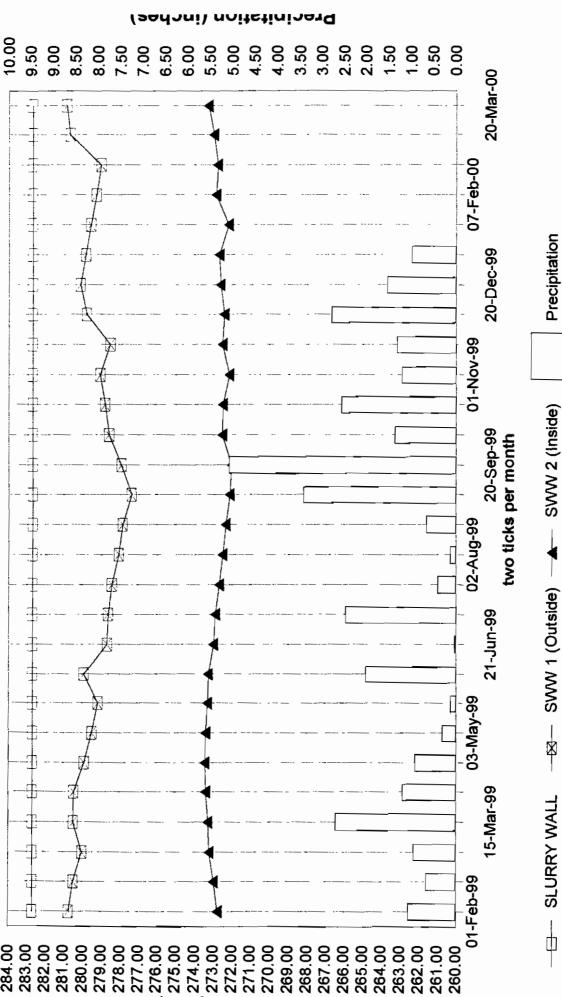
### Attachment 1

BBL ENVIRONMENTAL SERVICES, INC.

**Ground-Water Elevation Data** 

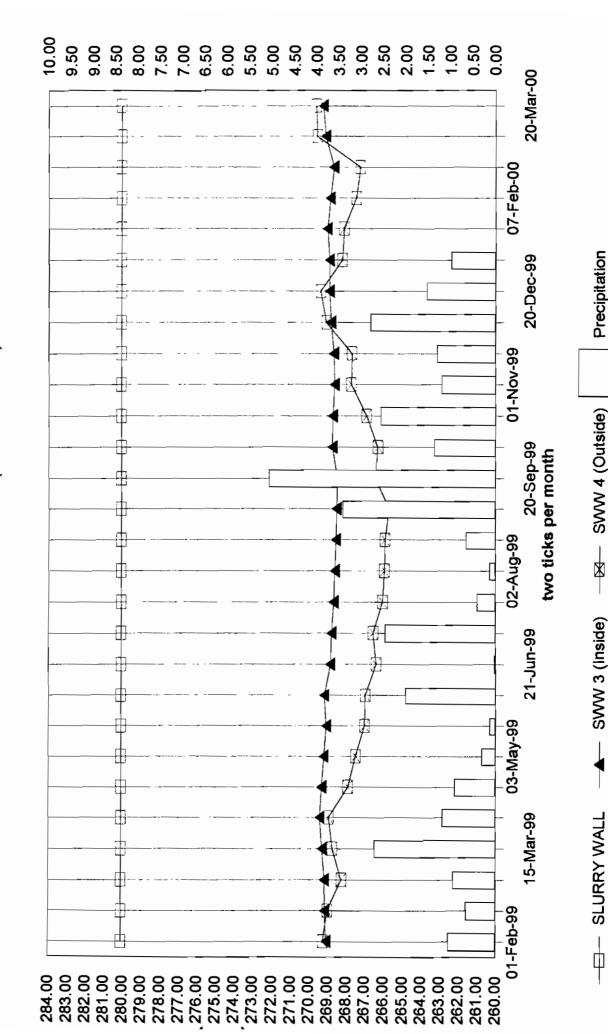
GROUNDWATER ELEVATIONS (SWW1 & SWW2) PAS - OSWEGO 284.00 283.00 282.00 281.00 280.00 279.00 277.00 275.00

(reer)



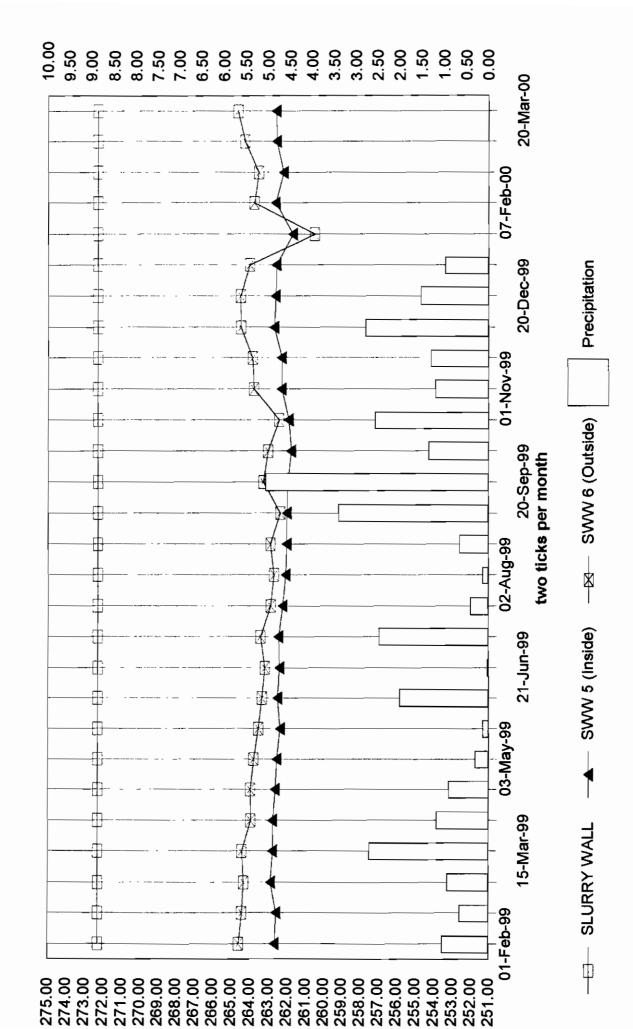
PAS - OSWEGO

# GROUNDWATER ELEVATIONS (SWW3 & SWW4)

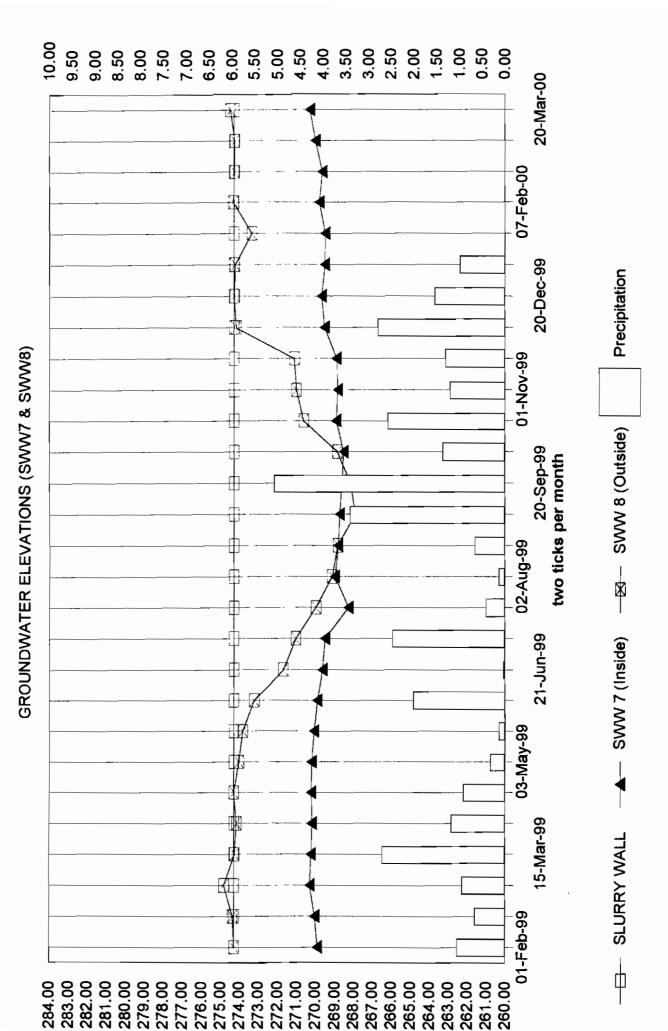


PAS - OSWEGO

# GROUNDWATER ELEVATIONS (SWW5 & SWW6)

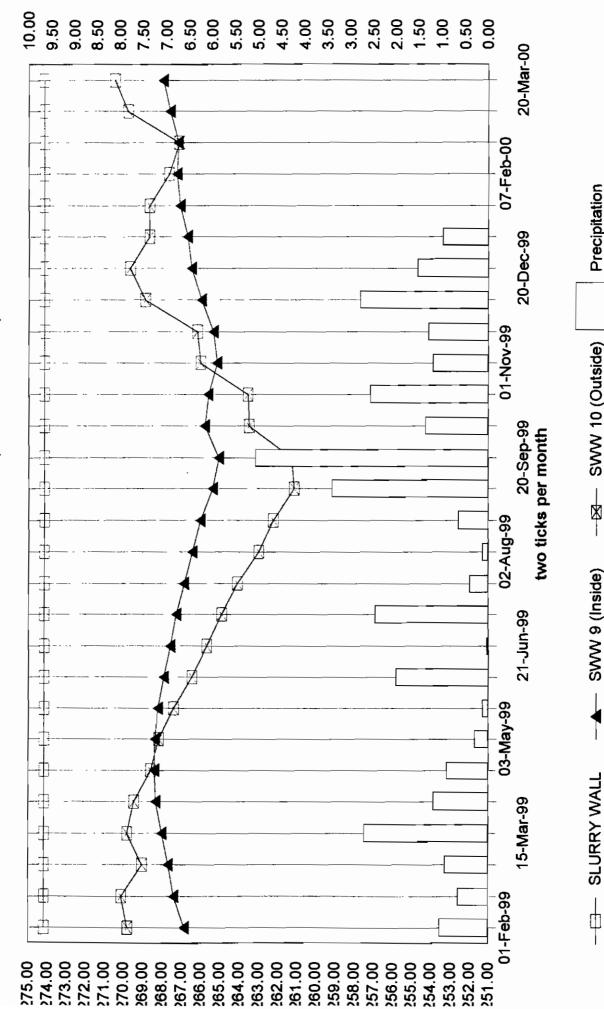


PAS - OSWEGO



PAS - OSWEGO

# GROUNDWATER ELEVATIONS (SWW9 & SWW10)

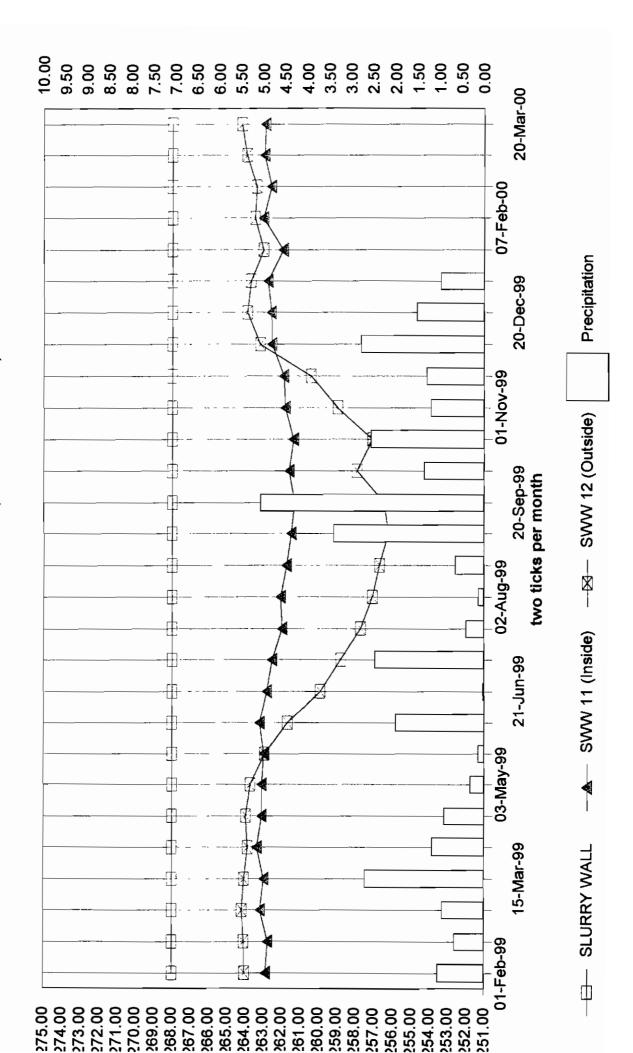


Precipitation

SWW 9 (Inside)

PAS - OSWEGO

GROUNDWATER ELEVATIONS (SWW11 & SWW12)



### 03-Jan-2000

# BBL Environn. .tal Services, Inc. PAS Site Oswego, New York Pre-Pumping Monitoring Well Levels 01/03/00 08:00 AM

Well	Ground	Riser	DTW During			Acceptable Range	Within Range?		Ground-Water	
Number	Elevation	Elevation	Previous Event	Reading 1	Reading 2	for DTW	Yes	No	Elevation	Reading 3
SWW1	286.20	289.33	9.17	9.46	9.46	8.67 to 11.28	×		279.87	
SWW2	286.30	289.37	16.73	16.65	16.65	16.23 to 17.69	×		272.72	
SWW3	286.00	286.50	17.57	17.58	17.58	17.07 to 18.35	×		268.92	
SWW4	282.90	283.60	14.20	15.36	15.36	13.70 to 16.38	×		268.24	
SWW5	275.90	277.02	14.39	14.43	14.43	13.82 to 15.22	×		262.59	
SWW6	270.90	273.06	8.53	9.03	9.02	8.03 to 9.75	×		264.04	
SWW7	273.30	277.93	8.23	8.40	8.40	7.73 to 9.59	×		269.53	
8MMS	275.70	278.24	3.95	4.00	4.00	3.45 to 7.71	×		274.24	
6MMS	283.30	285.55	19.05	18.84	18.84	18.55 to 20.87	×		266.71	
SWW10	279.30	280.43	10.73	11.72	11.72	10.23 to 14.90	×		268.71	
SWWII	271.00	273.50	10.90	10.72	10.72	10.40 to 12.16	×		262.78	
SWW12	270.20	272.82	8.91	9.10	9.10	8.41 to 14.33	×		263.72	
LCW-1	271.40	272.21	11.29	10.50	10.50	10.14 to 13.00	×		261.71	
LCW-2	272.60	274.44	13.53	12.74	12.74	12.43 to 15.23	×		261.70	
LCW-3	283.30	284.36	18.68	18.90	18.90	18.18 to 19.54	×		265.46	
LCW-4	283.80	285.70	20.77	20.17	20.17	19.81 to 21.79	×		265.53	

### PAS Site

# Oswego, New York Pre-Pumping Monitoring Well Levels - Contingency Event 01/17/00 07:00 AM

Well	Ground	Riser	DTW During			Acceptable Range	Within Range?	Range?	Ground-Water	
Number	Elevation	Elevation	Previous Event	Reading 1	Reading 2	for DTW	Yes	No	Elevation	Reading 3
SWWI	286.20	289.33	9.46	9.74	9.74	8.67 to 11.28	×		279.59	
SWW2	286.30	289.37	16.65	17.15	17.15	16.23 to 17.69	×		272.22	
SWW3	286.00	286.50	17.58	17.47	17.47	17.07 to 18.35	×		269.03	
SWW4	282.90	283.60	15.36	15.46	15.46	13.70 to 16.38	×		268.14	
SWWS	275.90	277.02	14.43	15.33	15.33	13.82 to 15.22		x	261.69	15.33
9MMS	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	×		273.36	
6MMS	283.30	285.55	18.84	18.45	18.45	18.55 to 20.87		×	267.10	18.45
SWW10	279.30	280.43	11.72	11.73	11.73	10.23 to 14.90	×		268.70	
SWW11	271.00	273.50	10.72	11.55	11.55	10.40 to 12.16	×		261.95	
SWW12	270.20	272.82	9.10	9.80	9.80	8.41 to 14.33	×		263.02	
LCW-1	271.40	272.21	10.50	12.21	12.21	10.14 to 13.00	×		260.00	
LCW-2	272.60	274.44	12.74	14.47	14.47	12.43 to 15.23	×		259.97	
LCW-3	283.30	284.36	18.90	19.10	19.10	18.18 to 19.54	×		265.26	
LCW-4	283.80	285.70	20.17	21.81	21.81	19.81 to 21.79		×	263.89	21.81

### Oswego, New York Pre-Pumping Monitoring Well Levels 02/07/00 06:45 AM BBL Environmental Services, Inc. PAS Site

Well	Ground	Riser	DTW During			Acceptable Range	Within	Within Range?	Ground-Water	
Number	Elevation	Elevation Elevation	Previous Event	Reading 1	Reading 2	for DTW	Yes	No	Elevation	Reading 3
SWW1	286.20	289.33	9.74	10.02	10.02	8.67 to 10.24	×		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	×		268.88	
SWW4	282.90	283.60	15.46	16.11	16.11	13.70 to 15.96		×	267.49	16.11
SWW5	275.90	277.02	15.33	14.40	14.40	13.82 to 15.83	x		262.62	
9MMS	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	Х		269.80	
SWW8	275.70	278.24	4.88	3.89	3.89	3.45 to 5.38	x		274.35	
8WW9	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		×	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	×		263.51	
LCW-1	271.40	272.21	12.21	10.32	10.32	10.00 to 12.71	×		261.89	
LCW-2	272.60	274.44	14.47	12.57	12.57	12.24 to 14.97	×		261.87	
LCW-3	283.30	284.36	19.10	18.83	18.83	18.18 to 19.60	×		265.53	
LCW-4	283.80	285.70	21.81	20.11	20.11	19.67 to 22.31	×		265.59	
LR-2	287.50	289.85	14.03	13.27	13.27	-0.50 to 13.66	×		276.58	
LR-3	275.50	278.06	10.66	8.79	8.79	12.66 to 16.01		×	269.27	8.79
LR-6	270.90	274.39	12.10	10.73	10.73	-0.50 to 0.50		×	263.66	10.73
LR-8	270.00	273.42	12.53	68.6	68.6	8.33 to 12.34	×		263.53	
M-21	270.28	272.32	11.38	9.40	9.40	9.43 to 13.18		×	262.92	9.40
M-22	270.40	273.88	12.08	10.57	10.57	8.93 to 12.65	×		263.31	
M-23	267.98	270.49	13.27	12.03	12.03	10.13 to 13.63	×		258.46	
M-24	276.49	277.94	16.71	14.39	14.39	11.50 to 14.66	×		263.55	
M-25	264.56	265.84	8.62	6.95	6.95	10.21 to 13.72		×	258.89	6.95
M-26	271.85	273.38	13.93	7.64	7.64	6.52 to 10.29	×		265.74	

# PAS Site Oswego, New York Pre-Pumping Monitoring Well Levels - Contingency Event

02/21/00 07:00 AM

Well	Ground	Riser	DTW During			Acceptable Range	Within Range?	Range?	Ground-Water	
Number	Elevation	Elevation	Previous Event	Reading 1	Reading 2	for DTW	Yes	No	Elevation	Reading 3
SWW1	286.20	289.33	10.02	10.27	10.27	8.67 to 10.24		×	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	×		268.70	
SWW4	282.90	283.60	16.11	16.33	16.33	13.70 to 15.96		×	267.27	16.33
SWW5	275.90	2777.02	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	×		269.65	
SWW8	275.70	278.24	3.89	3.98	3.98	3.45 to 5.38	×		274.26	
6MMS	283.30	285.55	18.28	18.35	18.35	17.95 to 20.07	×		267.20	
SWW10	279.30	280.43	12.75	13.26	13.26	10.23 to 12.23		×	267.17	13.26
SWWII	271.00	273.50	10.47	16.01	16.01	10.22 to 12.05	×		262.59	
SWW12	270.20	272.82	9.31	9.41	9.41	8.41 to 10.30	×		263.41	
LCW-1	271.40	272.21	10.32	11.71	11.71	10.00 to 12.71	×		260.50	
LCW-2	272.60	274.44	12.57	13.96	13.96	12.24 to 14.97	×		260.48	
LCW-3	283.30	284.36	18.83	18.67	18.67	18.18 to 19.60	×		265.69	
LCW-4	283.80	285.70	20.11	19.60	19.60	19.67 to 22.31		×	266.10	19.60

## Oswego, New York Pre-Pumping Monitoring Well Levels 03/06/00 08:00 AM BBL Environm. .tal Services, Inc. PAS Site

Well	Ground	Riser	DTW During			Acceptable Range	Within Range?		Ground-Water	
Number	Elevation	Elevation	Previous Event	Reading 1	Reading 2	for DTW	Yes	No	Elevation	Reading 3
SWW1	286.20	289.33	10.27	19.8	19.8	8.96 to 10.77		×	280.72	8.61
SWW2	286.30	289.37	16.57	16.36	16.36	15.97 to 17.65	×		273.01	
SWW3	286.00	286.50	17.80	17.36	17.36	16.97 to 18.30	×		269.14	
SWW4	282.90	283.60	16.33	14.00	14.00	14.86 to 16.83		×	269.60	14.00
SWW5	275.90	277.02	14.82	14.45	14.45	13.90 to 15.83	×		262.57	
9MMS	270.90	273.06	9.51	8.77	8.77	8.52 to 13.06	×		264.29	
SWW7	273.30	277.93	8.28	7.91	7.91	7.63 to 8.92	×		270.02	
SWW8	275.70	278.24	3.98	3.97	3.97	3.39 to 5.38	×		274.27	
SWW9	283.30	285.55	18.35	17.92	17.92	17.78 to 19.34	×		267.63	
SWW10	279.30	280.43	13.26	10.62	10.62	11.22 to 13.76		×	269.81	10.62
SWW11	271.00	273.50	16.91	10.53	10.53	9.97 to 12.05	×		262.97	
SWW12	270.20	272.82	9.41	8.88	88.88	8.60 to 10.30	×		263.94	
LCW-1	271.40	272.21	11.71	10.63	10.63	9.82 to 12.71	×		261.58	
LCW-2	272.60	274.44	13.96	12.89	12.89	12.07 to 14.97	×		261.55	
LCW-3	283.30	284.36	18.67	18.78	18.78	18.17 to 19.60	×		265.58	
LCW-4	283.80	285.70	19.60	19.18	81.61	19.10 to 22.31	×		266.52	

### 21-Mar-2000

### BBL Environm tal Services, Inc. PAS Site

# Oswego, New York Pre-Pumping Monitoring Well Levels - Contingency Event 03/20/00 06:45 AM

upw.	Ground	Riser	Ricer DTW During	Pashing		Acceptable Range	Within Range?	Range? NA	Ground-Water	A CONTRACTOR
SWW1		289.33	8.61	8.43	8.43	8.96 to 10.77	2000 Sept. 1		280.90	8.43
SWW2	286.30	289.37	16.36	16.07	16.07	15.97 to 17.65	×		273.30	
SWW3	286.00	286.50	17.36	17.23	17.23	16.97 to 18.30	×		269.27	
SWW4	282.90	283.60	14.00	13.95	13.95	14.86 to 16.83		×	269.65	13.95
SWWS	275.90	277.02	14.45	14.43	14.43	13.90 to 15.83	×		262.59	
9MMS	270.90	273.06	8.77	8.39	8.39	8.52 to 13.06		×	264.67	8.39
SWW7	273.30	277.93	7.91	7.63	7.63	7.63 to 8.92		×	270.30	7.63
SWW8	275.70	278.24	3.97	3.75	3.75	3.39 to 5.38	×		274.49	
6MMS	283.30	285.55	17.92	17.56	17.56	17.78 to 19.34		×	267.99	17.56
SWW10	279.30	280.43	10.62	9.94	9.94	11.22 to 13.76		×	270.49	9.94
SWW11	271.00	273.50	10.53	10.58	10.58	9.97 to 12.05	×		262.92	
SWW12	270.20	272.82	8.88	8.62	8.62	8.60 to 10.30	×		264.20	
LCW-1	271.40	272.21	10.63	11.57	11.57	9.82 to 12.71	×		260.64	
LCW-2	272.60	274.44	12.89	13.84	13.84	12.07 to 14.97	×		260.60	
LCW-3	283.30	284.36	18.78	18.60	18.60	18.17 to 19.60	×		265.76	
LCW-4	283.80	285.70	19.18	18.81	18.81	19.10 to 22.31		×	266.89	18.81

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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 <u>Leachate Disposal Checklist</u>

Pate	- A. Spen	Le_	_	1/5/00		616		
BBLES Pro	oject Personnel			Date Time On-Site				
	tion Subcontract			Leachate Dest	ination			
	P	umping from l	Leachate C	Collection Wells to Leachs	ate Collection	rank		
-	Leachate Collection Well Pumping		Well Pur	mping Flow Rate Analysis	Flow Rate			
Well	Start Time	Stop Time	Time	Tank Elev. (Ft. Down)	Calculation	Comments		
LCW-1	6.20	1:115			See be au	Intermitant operation		
LCW-2	6.20	11. 25						
`W-3	6: 16	8:00						
LCW-4	6:20	8:00				V		
	Collection Tank:		ticle	Q =	15813 4~110H	5 = 46.4 APM		

### Pumping from Leachate Collection Tank to Tank Trucks

341

#L'N

meter inop.

Final Flow Meter Reading:

3 17 98

	Pre-L	oading	Post-Loading		Destination	
Load	Time	Confirmed Clean	Tank Volume Time (By Stick Meas.)		Manifest	Comments
Load #1	900	Yes	1010	52" (5650)	1E115 W14115712	
Load #2	1010	Yes	110 O	56" (5709)	(ELOS 04(7)4557	21
Load #3	1100	Yes	1130	4)" (4454)	N/91455735	
_oad #4				_		

### PAS Site Oswego, New York

Date: concerny 5, 2000	Ö	Time: 8:00					
Personnel: P. Spence		Weather - 30°F cuid overcast					
Site Feature	Previous Inspection	Condition/Maintenance Activity					
	Date						
Cap	and the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of t	Productions Product Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Special Sp					
Burrowing Animals	OiL						
Cap Vegetation	ovi						
Concrete Drainage Trough	Excellent						
French Drain	hood						
Weeds	OK						
Leachate Collection System							
Pumps	ov .						
Pump Controls/Alarms	OK						
Tank Level	OK_						
Monitoring Wells							
Locks	ov.	Her need to be lubricated. Showing ra					
Riser	o V.	, , , , , , , , , , , , , , , , , , , ,					
Surface Completion	0 Y						
General Site Conditions							
Foliage	Good	No prolatins on cap.					
Perimeter Fence	6004						
Site access drive	Good						
Stream_gauges	Good						
Other Items							
Equipment Storage Shed	(1006						
Fire Extinguisher	Good						
Spili Control Materials	hook.						

### PAS Site Oswego, New York

### Leachate Disposal Checklist

	ject/Personne				ate OS Destination	Time On-Site		
			PUMPII	ng record from Well	S TO TANK			
	Leschate Collection Well Pumping		Well Pumping Flow Rate Analysis		Flow Rate			
Well	Start Time Stop Time		Time Tank Elev. (Ft. Down)		Calculation	Remarks		
LCW-1	620	925			SEE BELOW	INTERMITHAT OPERATION		
LCW-2	$(\wp)$ $\wp$	10.90						
-3	620	9:08						
JW-4	NOT OFERATED	مسية ا						
nitiai Fico	Holding Tani w Meter Readin w Meter Readin	φ		Assimin Q:	10372 ( 318 1	ens mus = 32 6Pm		

### PUMPING FROM TANK TO DISPOSAL TRUCK

	(Pro-E	oeding) Tanker "	(Post-l	oeding) Tenker	Destination	
Load	Time	Confirmed: Clean	Time	Tanker Yokime (By Stick Mess.)	Manifest	Remarks
Load #1	900	\\és	1040	5650	(7005 NY61719063	W.0# 282871
Load #2	1045	VE5	12:10	4672	CECOS NYG1719072	wo# 282872
Load #3		•				
.oad #4			tom	10.372		

### PAS Site Oswego, New York

Date: 2-9-90	Time: 6.20
Personnel: 1. HENSON	Weather (W.Sungt 350
	-
Site Feature	us inspection. Condition/Maintenance/Activity:
Сар	
Burrowing Animals	oK
Cap Vegetation	
Concrete Drainage Trough	
French Drain	- 614
Weeds	δV
Leachate Collection System	
Pumps	OV
Pump Controls/Alarms	ΟX
Tank Level	OL
Monitoring Wells	
Locks	Q/
Riser	OV.
Surface Completion	OK
General Site Conditions	
Foliage	CK
Perimeter Fence	OK .
Site access drive	
Stream gauges	OK
Other Items	
Equipment Storage Shed	OV
Fire Extinguisher	OK
Spill Control Materials	OK
REMARKS/SPECIAL MAINTENANCE: (include s	separate detailed maintenance report, if necessary)

1 mm ce 2000 00 00

### PAS Site Oswego, New York

Date: 3-6-00	
Personnel: 1. HEASON	Weather. Swal
	-
Site Feature President Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of th	ionalitaración concilio Mantenario Aciviv.
Сар	
Burrowing Animals	OK
Cap Vegetation	CY
Concrete Drainage Trough	02
French Drain	OY
Weeds	O.Z.
Leachate Collection System	
Pumps	
Pump Controls/Alarms	
Tank Level	ΟV
Monitoring Wells	
Locks	DY
Riser	OK
Surface Completion	OK
General Site Conditions	
Foliage	
Perimeter Fence	SEE NOTES RELOW
Site access drive	OK
Stream gauges	SEE LOTES Below
Other Items	
Equipment Storage Shed	OX
Fire ExtInguisher	OX
Spill Control Materials	OK
REMARKS/SPECIAL MAINTENANCE: (includ	le separate detailed maintenance report, if necessary)
* A TREE IS BEITING ON	TOP OF FRUE NEAR SOUTH EAST COLDER OF
SITE ANTIQUET TO MA	DAM.
* SWG-7 (STAFF GAVE)	this BEEN BEOUT OVER AND THIS SUMPES
ART AT THE BOKE APPEN	tes ICE Jon was PESTONERY.

### PAS Site Oswego, New York

Date: 3-8-00 Personnel: TH		Time: 630 Weather: SUN Hosp News TO					
			_				
Site Feature	Previous inspection Date	Condition/Maintenance	Civity - 17				
Сар							
Burrowing Animals Cap Vegetation Concrete Drainage Trough French Drain Weeds		OK OK OK					
Leachate Collection System							
Pumps Pump Controls/Alarms Tank Level Monitoring Wells		OK OK OK					
Locks		OK					
Riser		OK					
Surface Completion		OL					
General Site Conditions							
Foliage		ÓV					
Perimeter Fence		ÓY					
Site access drive		OK_					
Stream gauges		OK					
Other Items							
Equipment Storage Shed		OK					
Fire Extinguisher		%					
Spill Control Materials		OK_					
REMARKS/SPECIAL MAINTENANCE	: (include separate detailed	maintenance report, if necess	ary)	-			
			<del> </del>				

### PAS Site Oswego, New York

### Leachate Disposal Checklist

	Personne BC ation Subcontr	<u> </u>		Lá	8 00 late CUS e Destination	Time On-Site		
			PUMPI	NG RECORD FROM WELL	S TO TANK			
	Leachate Collection Well Pumping		Well Pumping Flow Rate Analysis		Flow Rate			
Well	Start Time	Stop Time	Time	Tank Elev. (Ft. Down)	Calculation	Remarks		
LCW-1	6.40	h30			Sir Pilan	INTERNATIONAL APPENTION		
LCW-2	6:40	1070						
<i>I</i> -3	6:40	9:04				V		
JW-4	NOT USED							
Initial Fic	e Holding Tan w Meter Readir w Meter Readin	g.	CK MEASUR	consurt. Q:	8,957 GAI	4 = 27 GPM		

### PUMPING FROM TANK TO DISPOSAL TRUCK

	(Pre-Loading) Tanker		(Post-Loading) Tanker		Destination	
Load	Ilme	Confirmed: Clean		Tanker Volume (By Stick Mess.)	Manifest	Remarks
Load #1	8:15	Vē3	350	5,200	(ECOS NV6/7/908/	WO. # 282854
Load #2	900	\\\\\	1100	777	(E <b>S</b> OS NYG178108	سنه ۵ مه ۱
Load #3		,				
å≢ bso.			TOTAL	8957618		

NOTE: VALTRICK DEVELOPED WHILE TERMSFEEDING LOND TO STRAIGHT TRUCK CHECK BALL ON TOP OF

### Attachment 3

BBL ENVIRONMENTAL SERVICES, INC.

### Hazardous Waste Manifests

### :: NYG 1655712

DEPARTMENT OF ENVIRONMENTAL CONSERVATION DIVISION OF SOLID & HAZARDOUS MATERIALS

Please type or print. Do not staple

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

	UNIFORM HAZARDOUS	1: Generator's US EPA ID No.	Manifest C	oc. No.	2. Page 1		an within hea Juired by Fede	•			
- }	WASTE MANIFEST					13 7701 100					
-		8 Y 0 0 0 0 5 1 1 8	ا تعرف	1							
ا:	3.Generator's Name and Mailing Add			^ NYG 1655712							
5	PAS Oswego Site Pa	articipation Agrees			10 10	33/1					
	C/C MAL MIVILUARAM	stal Services, Inc.	ALEE VESE								
-	4. Generator's lelephone Number (	6. US EPA ID Nur	CLV.	site 2.5	enaca Si	Compage 131					
٥	5. Transporter 1 (Company Name) Fuffalo Fuel Corp.				. State Ira	nsporter's ID7	72072 (1	(X) -4.			
Ĕ	7 Transporter 2 (Company Name)	B. US EPA ID Nur	004 5 7 2		D. Transporter's Telephone (2007) 677-3003  E. State Transporter's ID						
5	/ Iransponer 2 (Company Nume)	6. 03 27 7 10 1407			er's Telephone	1					
5	Designated Facility Name and Site	Address			5. State Fac						
<u> </u>	CECCS International,	Inc. US EPA ID No	umber	1		,					
ž	5600 Miagara PAlls Bi	l l		į,	H. Facility To	elephone ( 7	16) 303	7676			
or Environmental Conservation (318)	Miagara Falls, NY 14	304 KYD Q E	03362	41	-		10.404-1	1010			
일	11. US DOT Description (Including Pro	oper Shipping Name, Hazard Class	and ID Number)	12. Cor	ntainers	13. Total	14. Unit				
٤				Number	Туре	Quantity	Wt/Vol	1. Woste No.			
	o. R., waste, Anviron	•	•			E1.5	10	<b>10</b> 39			
E	Liquid,9, n.c.s.,um30			0 0 1	া কাকা	5		TATE			
	Leschate, F039(benzen	<del>x, toluene, xylene)</del>			<del> -'- -</del>		+ \ <u>}</u>	PA			
0				1 1 1	1 1	1 1 1	1 Th	TATE			
GENERATOR					1-1-1		1 /				
	l c			<b>\</b>	1 1	: 1 1		PA			
				1	1 1		S	TATE			
2	d.				T		E	PA			
	1			1 1	1 + 1		S	TATE			
907	L Additional Descriptions for Metasial	a listed Alexan			K Han	dling Codes for	Wastes Lister	d Above			
	J. Additional Descriptions for Materials water 95%, toluene 0.		K. Handling Codes for Wastes Listed Above								
4	exylene 0.0011%, bear	1 1		•	0		<u> </u>				
Center (800)											
	b	• d			b_		Ь				
Ę	15. Special Handling Instructions and			DEG	duct (	code: 1	2265-A				
	mergency response		1		oduct code: 12265-AAR						
esponse	24-pour contact:	(800) #11-6603		WGT	rk orderno: 2 2027						
	16. GENERATOR'S CERTIFICATION:	I hereby declare that the contents of	this consignment	re fully or	nd accurated	v described ob	ove by proper	shinning name			
5	ond are classified, packed, marked an	•	-	,							
5	national government regulations and s If I am a large quantity generator, I ce		to radiusa the value		sicity of wort	a constant to	the degree !	have determined			
2	to be economically practicable and the	of I have selected the practicable me	thod of treatment,	storage, o	r dispasal cu	urrently availab	ole to me which	ch minimizes the			
	present and future the at ta human he generation and select the best wastern					le a good faith	effort to mini	imize my waste			
<u> </u>	Printed/Typed Name	Signature	16	can anora	<u>.                                    </u>		Mg/ /)	Day Year			
CILITY TRANSPORTER	for PAS site participation	A CONTRACTOR OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF TH	June 1		_	f		TYY			
	17. Transporter 1 Acknowledgement of					<u> </u>					
TRANSPORTER	Printed Typed Name / S/M	COX JI. T. Signature	0 . 1	.9			No. 1	Pay Year			
		9,11	rect 2	<u> </u>	lmin	Jr.	U1/ 16	15 00			
S S	18. Transporter 2 Acknowledgement &					//					
, E	Printed/Typed Name	Signature				1	Mo.	Day Year			
<u>-</u>	130 8										
	19. Discrepancy Indication Space	<i>7.</i>		1	2.3	- / .		ļ			
_		Uwant	1; recen	11	ر کر کے ۔	· O ton	>				
FACILITY	20. Facility Owner or Operator: Certif										
₹	Printed/Typed Name	Signature	<u></u>	_			Mo.	Day Year			
ś		-1	.0.4	~				امر ا الدم			
┇╙	Michael A Diese	R = KU	Malyra	11			0// (	0500			

### ... NYG 1655739

DEPARTMENT OF ENVIRONMENTAL CONSERVATION DIVISION OF SOLID & HAZARDOUS MATERIALS

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

(Hazardous Waste Manifest 1/5/99)

Γ	ī	UNIFORM HAZARDOUS	1. Generator's US E	PAID No.	Manifest D	oc. No.	2. Poge			neavy bold line		
- }	-	WASTE MANIFEST			1	<b>ς</b> 3	1	is not requ	uired by r	ederal Law.		
١	- 1		EY00005	11659	000		1_1_					
ا ب	ŀ	3.Generator's Name and Mailing Add	ress				A.	10/0 4 0				
1	1	FAS Ususco Site Participe	tica agreement		NYG 1655739							
€	-	c/o ISL Environmental Ber	vices, Inc. Att		B Generator's ID Politician Acetanian Service							
اء	- {	Generator's Telephorie Number (	ж 66, бушасцев,		SIG.	, E., Sensoa S	it. Os	ecco 13126				
<u>-</u>	ŀ	5 Transporter 1 (Company Name)	अइन स्मर्कन्याद्य		C. State	Transporter's ID		(W) 777/71				
<u> </u>		Haffalo Fuel Com.	i Ni	YP00004	5 7 2 A		D. Transp	orter's Telephone		577-8003		
\$	Ì	7 Transporter 2 (Company Name)	8	US EPA ID Number			E. Stote 7	fransporter's ID				
<u>š</u> [	1				F. Transpe	orter's Telephone	( )	-				
5	ı	9. Designated Facility Name and Site	Address 10.	US EPA ID Number			G. State	Facility ID				
<del>-</del>	- {	Oille Intermioral, inc.										
	1	5600 mingara Falls Nive.					H. Focilit	y Telephone ( 714	; ) 383	-2676		
Ē	1	Magara Falls, NY 14304	ž	Y D S S G B 3 G Y	241				, 20,42			
<u>و</u> ا	ł	11. US DOT Description (Including Pr	oper Shipping Name,	Hazard Class and ID N	lumber)	12. C	ontainers	13. Total	14 Unit			
בַּ				_		Numb	er Type	Quantity	W1/Va1	i. Waste Na.		
ō	1	old, Naste, Swimmertal							(-	EPA FG39		
307 and the NTS Department of Environmental Conservation (318) 437-73		n.o.s., UKICEZ, PG III, MU	ulti-Source Leax	habe, 2039 (ber	mae,	210	200 170	- 43 00	1 m	STATE		
[	ŀ	<del>(plure, xylere) — —</del>				<u>310 '</u>	TT	0 4421	- X	ÉPA -		
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18	L					1	i I	1		JIAIE		
` [		J. Additional Descriptions for Materio	is listed Above				кн	ondling Codes for	des for Wostes Listed Abave			
انج	1	vitor 3%, milione 0.0004 • rulene 0.0011s, persone			Į,	.	a	[X]	١   لك			
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ا ۋ	- {	15. Special Hondling Instructions and					<u>Eastern</u>	A CLUBA IA		16.00		
š	Į	24-hour Contacts (		**			was d	acia io.:	-	-2/		
[ 출	-	Antie Cheste (	DODY STANCE				<b>****</b> ********************************	Aliana Living	252	2182		
<u>ē</u>	ŀ	16. GENERATOR'S CERTIFICATION:	1 hereby declare that	the contents of this co	nsignment o	re fully	and accure	stely described abo	ove by pro	per shipping name		
<u> </u>	1	and are classified, pocked, marked or	nd labeled, and are in	oll respects in proper	condition fo	r transp	ort by high	way according to	applicable	international and		
፩	1	national government regulations and If I am a large quantity generator, I co	-						4b- d	I have determined		
₽	- {	to be economically practicable and th										
<u></u>	1	present and future threat to human h	ealth and the envirant	nent; OR if I am a sma	all quantity	generat	or, I have n					
<b></b>	ŀ	Printed/Typed Name	management method	Signature	and that I	con atto	ora.		Ma.	Day Year		
<u>~</u>		for AS Site Participation		1 / / / 8	L			ı	A (	015100		
		17. Transporter 1 Acknowledgement							4.	- 1 Har   1/4   1		
9	5	Printed/Typed Name		Signature				-	Mo.	DayYear		
	5	PHS & Ivaliand	1	٠ ٠	11-4	. مسود	I		01	000		
	2	18. Transporter 2 Acknowledgement	of Receipt of Materials		ر رحب							
r spill immed	5	Printed/Typed Name	_ <del>_</del>	Signature					Mo.	Day Year		
ا ة				I								
٦	1	19 Discrepancy Indication Space	-							-		
Ď				Quantity	8000		/ 19	8.44 L.				
emergency or spill immediately call the National Response Center (800) 4.	<u> </u>											
eme	ا جُ	20. Facility Owner or Operator. Certi	ification of receipt of h		vered by thi	s monif	est except o	as noted in Item 1				
5 E	-	Printed/Typed Name		Signature					Mo.	Day Year		
		R.A Diliace II		Roll of		-			0 1	0 500		

### NYG 1655721

### DEPARTMENT OF ENVIRONMENTAL CONSERVATION DIVISION OF SOLID & HAZARDOUS MATERIALS



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

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	UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID	Na. Manifes	it Dac. No.	2. Poge	- 1	un within h	eovy bold line deral Law.	
_		EVAAAAC.	260 00	0 3	1				
3,	3.Generator's Name and Mailing Add	X Y 0 0 0 0 5 1 1 Iress	227 1011	U. 2	A .	1016 7 6 7			
7.	FRS Osusgo site Ferticipal		ies			NYG 165	572	?1	
Center (800) 47. 9802 and the NYS Department of Environmental Conservation (518) 457-73.  GENERATOR				B. Genera	ator's ID POLITY	ion Abe St. Com	toment iv.		
<u>5</u>	5. Transporter 1 (Company Name)	75 / 446-9128 US EP	'A ID Number		C. State	Transporter's ID	220020	68007127	
<u></u>	Suffalo Rel Corp.				C. State Transporter's ID  D. Transporter's Telephone (800 ) 77-5003				
₹					ransporter's ID	000	671-3005		
<u>ا</u> چ				F Transporter's Telephone ( )					
6	9. Designated Facility Name and Site	Address			G. State Facility ID				
<u> </u>		10. 05 E	EPA ID Number			,			
풀	CHIE International, Inc.	ì			H. Facilet	Telephone (	<del></del>	<u> </u>	
Ĕ	5000 Mayara Palls Elvd.				17. 100,	Telephone ( 71	5 ZEZ-2	676	
٤	11. US DOT Description (Including Pro	oper Shipping Name, Hazar	<u>0 &amp; 0 3 3 6 2 4 1</u>	1 12 6	ontainers	13. Total	14 Unit		
Έ	11. US DOT Description (incloding 110	yper Simpping Hame, Hazar	a class and ib (veinber)		er Type	Quantity	Wt/Vol	l. Waste No.	
#		3 45		- 1401110	iei iype	Quality	**1/***		
ž	o it, waste, instrumental					15,7,0,9		EPA FUG	
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ŧ [_	(chee, zylar)				<u> </u>		18:1	EPA	
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### NYG 1719072

### DEPARTMENT OF ENVIRONMENTAL CONSERVATION DIVISION OF SOLID & HAZARDOUS MATERIALS

Please type or print. Do nat staple

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

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UNIFORM HAZARDOUS 1. Generator's US EPA ID No. 2. Page 1 of Manifest Dac. Na. Information within heavy bold line WASTE MANIFEST is nat required by Federal Law. M YD0005116540000 Generator's Name and Mailing Address
PAS Oswero Site Participation Agreement Parties
c/o BBL Environmental Services, Inc. Attn: L. H. McBt
6723 Towpath Road, P.O. Box 66, Syraguse and the NYS Department of Environmental Conservation (518) 457-73/ rney NYG 17190 B. Generator's ID Pollution Services Site, E Uswego, NY 1312 4. Generator's Telephone Number ( 315) 446-9120 5. Transporter 1 (Company Name) 6. US EPA ID Number C. State Transporter's ID Buffalo Fuel Corp. D. Transporter's Telephone N Y RO 0 0 0 4 5 7 2 7 Transporter 2 (Compony Name) B. US EPA ID Number E. State Transporter's ID F. Transporter's Telephone ( 9. Designated Facility Name and Site Address
CECOS International, Inc.
5606 Niagara Falls Boulevard
Niagara Falls, NY 14304 G. State Facility ID 10. US EPA ID Number H. Facility Telephone ( 716 282-2676 IN Y D 0 8 0 3 3 6 2 4 11 US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number) 12 Containers 4. Uni Total Wt/Vol 1. Woste No. Liquid, 9, n.o.s., UN3082, PG MI, Multi-Source Leachate, F039 (Benzene, Toluene, Xylene) F039 G STATE EPA GENERATOR STATE FPA STATE EPA STATE 302 Additional Descriptions for Materials listed Above 79% Tolumne 0.00045% Xylene 0.00118, Benzene 0.000076 K. Hondling Codes for Wastes Listed Abave 42 ar spill immediately call the National Response Center (800) Special Handling Instructions and Additional Information Product Code: 12285-AAS Emergency Response Refer to ERG-31 24-Hour Contact: (800) 677-8003 Work Order No.: 282823 16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and ore classified, packed, marked and labeled, and are in all respects in proper condition for tronsport by highway according to applicable international and notional 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 woste generated to the degree I have determined to be economically procticable 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 As Agent Signature on Agree Day Year 17 Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name Signature Day Year Mo. 18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name Signature Mo. Day Year emergency 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 SBS Rehard all born I Richard A Dilionio II 10121019101

### FINYG 1719063

DEPARTMENT OF ENVIRONMENTAL CONSERVATION DIVISION OF SOLID & HAZARDOUS MATERIALS

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

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15 Special Handling Instructions and Additional Information  Emergency Response Refer to ERG-31 24-nour Contact: (800) 677-8093  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 notional government regulations and state lows and regulations.  If I am a large quantity generator, I certify that I have a pragram in place to reduce the valume and taxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method at 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  Protect Typed Name  17. Transporter 1 Acknowledgement of Receipt of Materials  Frinted/Typed Name  Signature  Mo. Day Year  18. Transporter 2 Acknowledgement of Receipt of Materials  Frinted/Typed Name  Signature  Mo. Day Year  19. Discrepancy Indication Space  Mo. Day Year  19. Discrepancy Indication Space  Mo. Day Year  19. Discrepancy Indication of receipt of Materials and the manifest except as noted in Item 19.  Printed/Typed Name  Signature  Mo. Day Year  Mo. Day Year	٣١	<u>ا</u>	J. Additional Descriptions for Materials listed Above			кн	ondling Codes for	Wostes Li	isled Above		
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 valume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method at treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment, OR II am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the lest waste management method that is available to me and that I can afford  Printed/Typed Name  Signature  Mo. Day Year  19. Discrepancy Indication Space  And Printed/Typed Name  Signature  Mo. Day Year  No. Day Year  No. Day Year  Signature  Mo. Day Year  Signature  Mo. Day Year  Printed/Typed Name  Signature  Mo. Day Year  Printed/Typed Name  Signature  Mo. Day Year  No. Day Year  Printed/Typed Name  Signature  Mo. Day Year	42		. Xylene 9.00118, Benzkna 0	.00de78	1 . 1	0	Ţ	С			
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 valume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method at treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment, OR II am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the lest waste management method that is available to me and that I can afford  Printed/Typed Name  Signature  Mo. Day Year  19. Discrepancy Indication Space  And Printed/Typed Name  Signature  Mo. Day Year  No. Day Year  No. Day Year  Signature  Mo. Day Year  Signature  Mo. Day Year  Printed/Typed Name  Signature  Mo. Day Year  Printed/Typed Name  Signature  Mo. Day Year  No. Day Year  Printed/Typed Name  Signature  Mo. Day Year	(800					1	A special control of a special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special special				
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24-nour Contact: (860) 677-8093	Cer										
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Printed/Typed Name Signature Mo. Day Year	merge	<u> </u>		Quantity	ruend	217	6 TON;	>			
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### :: NYG 1719108

DEPARTMENT OF ENVIRONMENTAL CONSERVATION DIVISION OF SOLID & HAZARDOUS MATERIALS

### HAZARDOUS WASTE MANIFEST

Please type or print. Do not staple

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

	UNIFORM HAZARDOUS  1. Generator's US EP/ WASTE MANIFEST	A ID No. Manife	st Doc. No.	2. Page 1 of	I .	within heavy bold line ed by Federal Law.			
	NYDeg	51165900		1					
	3.Generator's Name and Mailing Address	3,10340		A					
457-1		reement Parties		NIV.	G 171	9108			
	PAS Oswego Site Participation Age c/o BBL Environmental Services, 6723 Townath Road, P.O. Box 66	. Sv <b>racuse</b> . NY	, MCB	B. Generator's	ID Pollut	ion Abatement			
<u> </u>	4. Generator's Telephone Number ( 315 ) 446-9126	13214-00	166	Service	s Site, E	Seneca St.			
2	5. Transporter 1 (Company Name) 6. U	6. US EPA ID Number (			C. State Transporter's ID 77207Z(NV)				
<u></u>		Y R 0 0 0 0 4 5	724	D Transporter's Telephone ( 800) 677-8003					
Š				E. State Transporter's ID					
ב <u></u>	O C C C C C C C C C C C C C C C C C C C			F Transparter's Telephone ( )  G. State Facility ID					
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Ĕ	5600 Niagara Falls Boulevard			H. Facility Tele	phone ( 716	282-2676			
Ę	Magara Falls, NY 14364	Y D 0 8 0 3 3 6	241						
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5				er Type	Quantity \	Wt/Vol I. Waste No.			
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	Leachate, F039 (Benzene, Totale)	ne, Xylene)	0 0	1 To	3757	G STATE			
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5			1 , ,			STATE			
GENERATOR				<u>    1</u>					
۱۹	J. Additional Descriptions for Materials listed Above Water 99%, Toluene 0.000456 a Xylene 0.00118, Benzens 0.0000			K. Handlii	ng Codes for W	ostes Listed Above			
:	. Xylene 0.0011%, Benzens 0.0000	76	• _	a		,			
§					<u> </u>				
	b	d	•	Ь	<u> </u>	b			
Center (800)	15. Special Handling Instructions and Additional Information		enduct	Code:	12285-A/	A.B.			
	Emergency Response Refer to I	2KO-2C 11							
sponse	24-Hour Contact: (800) 677-80	103 Dr.) 110	OFK UP	der No.:	3698	<i>i55</i>			
	16. GENERATOR'S CERTIFICATION: I hereby declare that th	e contents of this consignme	nt are fully	and accurately o	lescribed above	by proper shipping name			
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Š	18. Transporter 2 Acknowledgement of Receipt of Materials	1956		- 1 hon		13 0 9 0 0			
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ACILITY	20. Facility Owner or Operator: Certification of receipt of hos			st except as nat	ed in Item 19.				
4	Printed/Typed Name	Signature				Mo. Day Year			
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### NYG 1719108

### DEPARTMENT OF ENVIRONMENTAL CONSERVATION DIVISION OF SOLID & HAZARDOUS MATERIALS

### HAZARDOUS WASTE MANIFEST



Please type or print. Do not staple

1802 and the NYS Department of Environmental Canservation (518) 457.7

emergency or spill immediately call the National Response Center (800) 4

'n ca

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

	UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's US	EPA ID No.	Manifest Doc. No	. 2. Page 1 of	Information within to is not required by F											
		NYDOO	0511659	000	1												
	3.Generator's Name and Mailing Ada	ress			A. NV	2171010	20										
	PAS Oswego Site Par	tal Services	s Inc. Attn:	L. H. MCE	MLDGA IA I A	G 17191(	ΛÖ										
c/o BBL Environmental Services, Inc. Attn: L.*. McBurpey 6723 Townstin Road, P.O. Box 56, Syracuse, NY 4. Generator's Telephone Number (315) 446-9120  13214-0066  13214-0066  Services Site, E. Seneca St. Uswego, NY Uswego, NY																	
5. Transporter 1 (Company Name)   6. US EPA ID Number   C. State Transporter's ID   C. State Transporter's ID   C. State Transporter's ID   C. State Transporter's ID   C. State Transporter's ID   C. State Transporter's ID   C. State Transporter's ID   C. State Transporter's ID   C. State Transporter's ID   C. State Transporter's ID   C. State Transporter's ID   C. State Transporter's ID   C. State Transporter's ID   C. State Transporter's ID   C. State Transporter's ID   C. State Transporter's ID   C. State Transporter's ID   C. State Transporter's ID   C. State Transporter's ID   C. State Transporter's ID   C. State Transporter's ID   C. State Transporter's ID   C. State Transporter's ID   C. State Transporter's ID   C. State Transporter's ID   C. State Transporter's ID   C. State Transporter's ID   C. State Transporter's ID   C. State Transporter's ID   C. State Transporter's ID   C. State Transporter's ID   C. State Transporter's ID   C. State Transporter's ID   C. State Transporter's ID   C. State Transporter's ID   C. State Transporter's ID   C. State Transporter's ID   C. State Transporter's ID   C. State Transporter's ID   C. State Transporter's ID   C. State Transporter's ID   C. State Transporter's ID   C. State Transporter's ID   C. State Transporter's ID   C. State Transporter's ID   C. State Transporter's ID   C. State Transporter's ID   C. State Transporter's ID   C. State Transporter's ID   C. State Transporter's ID   C. State Transporter's ID   C. State Transporter's ID   C. State Transporter's ID   C. State Transporter's ID   C. State Transporter's ID   C. State Transporter's ID   C. State Transporter's ID   C. State Transporter's ID   C. State Transporter's ID   C. State Transporter's ID   C. State Transporter's ID   C. State Transporter's ID   C. State Transporter's ID   C. State Transporter's ID   C. State Transporter's ID   C. State Transporter's ID   C. State Transporter's ID   C. State Transporter's ID   C. State Transporter's ID   C. State Transporter's ID   C. State Transporter's ID   C.																	
Buffalo Fuel Corp.  N Y R 8 0 0 0 4 5 7 2 4 D. Transporter's Telephone ( 808) 677-8  7 Transporter 2 (Company Name)  8. US EPA ID Number  E. State Transporter's Telephone ( )																	
								9. Designated Facility Name and Site Address CECUS International, Inc.  10. US EPA ID Number G. State Facility ID									
									5600 Niagara Falls 8 Niagara Falls, NY 19	4364	N Y D O 8 O 3	3 3 6 2 4 1	H. Facility Telep	phone ( 716) 28	32-2676		
	11. US DOT Description (Including Pr	i			Containers 13.	Total 14. Unit											
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	J. Additional Descriptions for Materia Water 99%. Toluane	s listed Above	1		K. Hondlin	g Codes for Wostes Li	sted Above										
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	24-Hour Contact:	(800) 677-	Dr.	HORKU	rder No.:	709R2	>										
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### Attachment 4

BBL ENVIRONMENTAL SERVICES, INC.

### Waste Treatment/Disposal Certification

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

3te

: 01-05-00

Time ln: 13:30:56

Time Dut: 15:30:04

icket #

: A1/3/5

CMS # : UVIOUVI42

LNS #: WWWWINN

astomer : SEE GENERATOR

ehicle # : 006892

Lic Plate:

anitest # :

P() #:

Transporter: BFC

(in 38/632)

ource Cd :

ross Wt

: BUFFALO FUEL

Operator: AL SMITH

cale In # : 1

39.59

lare Wt: 16.09

Scale Out #: 1

Net Wt: 23.50 t

Descr

Bill Qty

\$/Unit

Extended

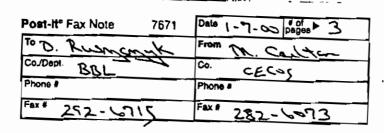
3PC

SHC

23.50 t

Have a Safe and Happy Holiday!

SIGNATURE:



₿



CECOS INTERNATIONAL, INC. 5500 NIAGARA FALLS BLVD. NIAGARA FALLS, NY 14304

)ate

: 01-05-00 Time In: 13:50:49

Time Out: 15:54:09

incket #

: A17381

CMS # : 0000042

LMS #: 0000100

Sustaner : SEE GENERATOR

Vehicle # : 000470

CECOS

PO #:

Manifest # : Source Cd :

Transporter: RFC CECOS OF NEW YORK

Generator : CNY

Operator: AL SMITH

Lic Plate:

Comment : BFC Scale in # : 1

Scale Out #: 1

Gross Wt : 39.22 | lare Wt: 15.61 | Net Wt: 23.61 t

Descr

Bill Uty \$/Unit

Extended

SPC

SPC

23.61 t

Sp Gr. 1.01

SIGNATURE: A

Slag.

8



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

)a.

: 01-05-00 Time In: 14:40:51

Time Dut: 16:14:13

icket #

: A17391

CMS # : 0000042

LMS #: 0000100

Customer

: SEE GENERATOR

Jehicle # : 006889

Lic Plate:

**CECOS** 

Manifest # : 1655739

Transporter: S

Generator : CNY CECOS OF NEW YORK

Source Cd : Comment : BFC

Operator: AL SMITH

Scale In # : 1

Scale Out #: 1

37.01 Tare Wt: 18.57 Net Wt: 18.44 t

Item

Descr

Bill Qty

**≱/Unit** 

Extended

SFU

SPC

Have a Safe and Happy Holiday!

(W.O. M 28 8 8 7 Mg.

CECOS INTERNATIONAL, INC.

5600 NIAGARA FALLS BLVD. NIAGARA FALLS, NY 14304

Time In: 13:52:26 : 82-89-88 CRS # : 8898642 1 A21918 Ticket #

Time Out: 15:18:82 LMS #: 8000180

1 SEE GENERATOR Customer

F -1e II 1 806892

Lic Plate:

Transporter: BFC PO II t Remifest | | CECOS OF NEW YORK Generator 1 CNY Source Cd t

Counent : BUFFALO FUEL Operator: AL SMITH

Scale In H : I

Scale Dut #: 1

Tare Bt: Bross Ut

Net Wt: 21.76 t 16.44

Itee

Descr

Bill Oty \$/Unit Extended

**9**C SOC

21.76 t

Drive Safe - Roads Maybe Slick

(N.O. # 289891)

CECOS INTERNATIONAL, INC.

5600 NIAGARA FALLS BLVD. NIAGARA FALLS, NY 14304

No.: 001526

Time Out: 16:49:49

LMS 8: 0000194

Lic Plate:

Customer : SEE BENERATOR

1 62<del>-09-00</del>

1 A21921

Vehicle # : 000461

Time In: 15:25:19

CRS # : 9000042

CEDOS

lete

Manifest # : PO 8: Transporter: BFC CECOS OF NEW YORK Source Cd : Generator : CNY

Concent : BUFFALD FUEL Operator: AL SMITH

Extended

Scale In E : 1

Scale Out #: 1

Bross #t 18.63

Net Ut: 18.67 t

\$/Unit

Itee **Jesct** 

Tare Mt: 37.38

SPC

SPC

18.67 t

Bill Oty

Drive Safe - Roads Naybe Slick

(W. O. H 284822)

SIGNATURE: X

No.: 001563

Date

: 03-08-00

Time In: 12:49:00

Ħ

TI DECOS INTERNATIONAL, INC. 5600 NIAGARA FALLS BLVD.

T-cket # : A24908

CMS # : 0000042

LMSNAGARAGRALLEONY 14304

Customer : SEE GENERATOR

Vehicle # : 000471

Lic Plate:

CECOS

Manifest # 1

PO #:

Transporter: BFC

Source Cd :

Gross Wt

: BUFFALO FUEL Comment

Scale Out #: 1

Operator: AL SMITH

Scale In # : 1

37.65 Tare Wt:

15.7**7** 

Net Wt: 21.88 t

Item

Bill Qty

\$/Unit

SPC

SPC

21.88 t

(W.O# d&1854) 

Drive Safe - Roads Maybe Slick

Date 3 - 8 - 00 | # of pages | Post-It* Fax Note 7671 Richard DiCiocciu Phone #

No.: 001565

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

Date

1 03-08-00

Time In: 14:26:51

Time Out: 15:51:17

Ticket #

: A24927

CMS # : 0000042

LMS #1 0000100

Customer

I SEE GENERATOR

Vehicle # 1 000454

Lic Plater

CECOS

Manifest # # 1719108

PO #1

Transporter: BFC

Source Cd :

Generator : CNY

CECOS OF NEW YORK

\$/Unit

Comment

: BUFFALO FUEL

Operator: AL SMITH

Scale In # : 1

Bross Wt

33.71

Scale Out #: 1 Tare Wt: i 8. 33

Net Wt: 15.38 t

Item

Descr

Bill Qty

Extended

SPC

15.38 t

W. O. # 282855

SIGNATURE: