II - A 3RD QUARTER REPORT - 2011

QUARTERLY PROGRESS REPORT - 3rd QUARTER 2011 Operation, Maintenance and Long-term Monitoring Activities

PROJECT NAME:

Pollution Abatement Services Site

Oswego, New York

PERIOD COVERED: July – September (3rd Quarter) 2011

ACTIONS TAKEN DURING QUARTER:

- The 2011 Pollution Abatement Services (PAS) Annual Progress Report was submitted to EPA on August 31, 2011. The 2011 Annual Progress Report documented the connection to the City of Oswego Eastside Wastewater Treatment Facility.
- Leachate removal and site maintenance and monitoring activities were conducted at the PAS site (Site), in Oswego, New York by O'Brien & Gere Operations LLC, (O'Brien & Gere) consistent with the PAS Site Operation, Maintenance and Long-term Monitoring Plan (Work Plan). A total of 40,025 gallons of leachate were removed during the period of July 2011 thru September 2011. Specific quantities of leachate removed during each month, along with historical leachate removal documentation, are described in this progress report. Leachate was pumped from the Site, and discharged into the City of Oswego (Oswego) sanitary sewer system. Leachate discharged into the Oswego sewer system was treated and disposed of in the Oswego Eastside Wastewater Treatment Facility located at 71 Mercer St. in Oswego.
- Monthly pre-pumping groundwater elevation monitoring was performed at the Site on July 6. August 4, and September 9, 2011. Monthly groundwater elevation monitoring results for the SWW-series monitoring wells (SWW-1 through SWW-12), and leachate collection wells (LCW-1 through LCW-4) were recorded on the Groundwater Elevation Monitoring Log (See Attachment A-1).
- On August 4, 2011, quarterly groundwater elevation monitoring was performed at the Site. Quarterly groundwater elevation monitoring results for the M-series wells M-21 thru M-23, the LR-series wells LR-2, -3, -6 and -8, the LD-series wells LD-3, -4, -5, -6, and -8, along with wells OS-1 and -3, OI-1, OD-3 and LS-6 were recorded onto the Groundwater Elevation Monitoring Log (See Attachment A-1).
- Site maintenance activities were conducted monthly, in combination with the monthly leachate removal event which included the following inspections:
 - Visually inspect the Site slurry-wall containment vegetated cap for signs of burrowing vermin or surface anomalies. The Site "Inspection Checklist Form" was utilized to document comments pertaining to land cap, leachate discharge system, leachate collection system, and general site conditions.
 - Visually inspected the leachate collection system pumping equipment to verify proper operation. The field technician inspected each pump control panel to ensure control systems were generally free of rodents, and insects, and where properly operating. The leachate holding tank was visually inspected for integrity, as were the leachate tanks

steel protective roof, and wood structure. No discrepancies were reported at the time of the inspection.

- The Site wooden utility shed and leachate pumping equipment, including centrifuge discharge pump, flow meter, suction hose, pump oils levels, heat trace power panel, interior lighting, exterior and interior shed structure, and main power distribution panel. No discrepancies were reported at the time of the inspection.
- The Site French drainage system and two (2) concrete troughs were inspected. No discrepancies were reported at the time of the inspection.
- The perimeter security fence and fence signage were inspected during each Site visit to ensure the integrity and the security of the Site is maintained. Security fencing was inspected for the presence of any fallen tree limbs or overgrown vegetation. The field technician removed shallow rooted vegetation (brush) or other similar vegetation that had grown up along the security fence, or had fallen onto the fence from the Site bordering woodlands. A section of the perimeter fence in a low-lying area along the northeastern property line was observed to be in need of additional brush-clearing and fence repair. The additional support required to clear and repair this fence is scheduled for the second quarter of 2012.
- In addition, quarterly Site inspection and maintenance activities were completed on September
 7, 2011 and recorded in the Site Inspection Check List (See Attachment A2). Monthly maintenance activities at this Site included the following:
 - `The removal of vegetation from the Site two concrete drainage troughs.
 - The removal of vegetation from the Site French drainage pipe.
 - Clearing of vegetation from the Site main entrance gate and South fence line.
 - Inspected for downed trees.
- On July 6, August 4, and September 9, 2011, an O'Brien & Gere field technician performed the monthly pre-pumping collection system inspection, of leachate collection wells LCW-1, 2, 3 & 4, along with inspection of the leachate discharge pumping system. In advance of each leachate removal event, O'Brien & Gere contacted the City of Oswego Eastside Wastewater Treatment Facility official, to inform the City of the planned discharged into the Oswego sanitary sewer system. Each leachate pumping event was approved by the City of Oswego, prior to the commencement of the discharge event.
- Upon completing the monthly leachate collection well inspection, the technician manually energized the leachate collection pumps, identified as LCW-1, LCW-2, LCW3 and LCW-4, in order to pump the planned volume of leachate into the leachate collection tank. LCW-3 did not contain sufficient leachate to maintain flow and was not pumped. The run time from each leachate collection pump, along with the leachate tank level taken upon completion of well pumping, was recorded on the Leachate Disposal Checklist (See Attachment A-2).
- During the months of July, August, and September 2011, O'Brien & Gere pumped a total of 40,025 gallons of leachate from the leachate collection tank, into the City of Oswego sanitary sewer system. The amount of leachate discharged during each removal event, along with flow totalizer, pH and temperature readings, are recorded on the Leachate Disposal Checklist completed for each removal event. The leachate pumping system consists of one electrically powered "Centrifugal Discharge Pump, flow totalizer and leachate sampling port located within the on-site wooden utility shed. The level of leachate remaining in the leachate collection tank

de maximis, inc.

after each leachate discharge pumping event is also recorded on the Leachate Disposal Checklist. Each monthly leachate discharge was performed using same discharge protocols.

- Upon completing each monthly removal event, the leachate discharge system was drained of
 residual leachate and prepared for storage. Residual leachate was returned to the leachate
 collection tank. The leachate collection tank enclosure door was locked and secured. During
 cold weather operations, the discharge piping heat trace system was verified to be on, and the
 utility shed lighting was turned off, and the doors locked. Prior to leaving the Site, O'Brien &
 Gere closed and secured the chain lock at the main entrance gate.
- The PAS Oswego Site quarterly discharge report for the 3rd quarter of 2011 was submitted to the City of Oswego on October 20, 2011, and provide the leachate volume and data collected for the quarter in compliance with the Oswego Wastewater Discharge Permit 6-2010-13. (See attachment A-3)

DOCUMENTATION OF REMOVAL ACTIVITIES DURING PREVIOUS QUARTER:

- The completed Groundwater Elevation Monitoring Logs for the monitoring events performed on July 6, August 4, and September 6, 2011 are attached. (See Attachment A-1)
- The completed Leachate Disposal Checklist for the monthly removal events of July 6, August 4, and September 9, 2011, and the completed Monthly and Quarterly Site Inspection Checklist for July 7, August 4, September 6 & 7 are attached (See Attachment A-2).
- A copy of the PAS Site quarterly discharge report (3rd Quarter 2011) was submitted to the City of Oswego on October 20, 2011 (See Attachment A-3).

ATTACHMENT A-1 GROUNDWATER ELEVATION DATA

O'Brien Operation
Pr. Site
Oswego, New York
Pre-Pumping Monitoring Well Levels

July 6, 2011

Well	Ground	Riser		July 2011			Wit	Within Range?	ıge?	Ground-Water
Number	Elevation	Elevation	Reading 1	Reading 2	Reading 3	Average	Low	High	X/N	Elevation
SWW1	286.20	289.33	10.36	10.36	10.36	10.49	10.15	10.83	Yes	278.97
SWW2	286.30	289.37	15.10	15.10	15.10	15.59	15.18	15.95	No	274.27
SWW3	286.00	286.50	16.68	16.68	16.68	16.92	16.63	17.28	Yes	269.82
SWW4	282.90	283.60	16.54	16.54	16.54	16.62	16.12	17.04	Yes	267.06
SWWS	275.90	277.02	12.17	12.17	12.17	12.64	12.00	13.68	Yes	264.85
9MMS	270.90	273.06	9.56	9.56	9.56	9.58	9.25	88.6	Yes	263.50
SWW7	273.30	277.93	7.66	7.66	99.7	8.02	7.70	8.46	No	270.27
SWW8	275.70	278.24	6.02	6.02	6.02	6.33	4.46	8.32	Yes	272.22
6MMS	283.30	285.55	16.70	16.70	16.70	17.16	16.75	17.60	No	268.85
SWW10	279.30	280.43	14.04	14.04	14.04	14.35	13.25	15.35	Yes	266.39
SWW11	271.00	273.50	8.08	80.8	80.8	8.61	7.92	9.62	Yes	265.42
SWW12	270.20	272.82	11.91	11.91	11.91	12.21	11.14	14.02	Yes	260.91
LCW-1	271.40	272.21	7.22	7.22	7.22	7.50	7.22	7.88	No	264.99
LCW-2	272.60	274.44	9.44	9.44	9.44	9.73	9.44	10.12	No	265.00
LCW-3	283.30	284.36	17.80	17.80	17.80	17.97	17.66	18.22	Yes	266.56
LCW-4	283.80	285.70	17.12	17.12	17.12	17.63	17.36	18.05	No	268.58
OS-1	269.63	272.10								
OI-1	269.14	272.00								
OS-3	274.63	277.89								
OD-3	274.96	277.85								
LD-3	275.80	278.62								
LD-4	276.30	279.25								
LD-5	270.02	272.94								
9-ST	271.40	274.14								
TD-6	270.09	274.03								
LD-8	269.90	272.83								
LR-2	287.50	289.85								
LR-3	275.50	278.06								
LR-6	270.90	274.39								
LR-8	270.00	273.42								
M-21	270.28	272.32								
M-22	270.40	273.88								
M-23	267.98	270.49								
										342

O'Brien (Dperation
PAL Site
Oswego, New York
Pre-Pumping Monitoring Well Levels

August 4, 2011

Ground	Kiser		August 2011	200		Wit	Within Range?	nge?	Ground-Water
Elevation	Elevation	Reading 1	Reading 2	Reading 3	Average	Low	High	X/N	Elevation
286.20	289.33	10.70	10.70	10.70	10.52	86.6	11.00	Yes	278.63
286.30	289.37	15.72	15.72	15.72	15.88	15.65	16.25	Yes	273.65
286.00	286.50	16.96	16.96	16.96	17.04	16.76	17.32	Yes	269.54
282.90	283.60	16.82	16.82	16.82	16.78	15.72	18.00	Yes	266.78
275.90	277.02	12.62	12.62	12.62	12.84	12.26	13.90	Yes	264.40
270.90	273.06	09.6	09.6	09.6	9.57	9.15	10.00	Yes	263.46
273.30	277.93	8.26	8.26	8.26	8.31	7.92	8.64	Yes	269.67
275.70	278.24	8.40	8.40	8.40	7.09	4.89	9.01	Yes	269.84
283.30	285.55	17.52	17.52	17.52	17.66	17.45	17.98	Yes	268.03
.30	280.43	15.90	15.90	15.90	14.98	12.72	16.42	Yes	264.53
271.00	273.50	89.8	89.8	89.8	8.94	8.42	9.92	Yes	264.82
270.20	272.82	14.45	14.45	14.45	13.15	11.45	14.55	Yes	258.37
271.40	272.21	7.50	7.50	7.50	7.79	7.63	8.24	%	264.71
09.7	274.44	9.76	92.6	9.76	10.05	78.6	10.50	No	264.68
3.30	284.36	18.00	18.00	18.00	18.02	17.74	18.31	Yes	266.36
283.80	285.70	17.18	17.18	17.18	17.61	17.10	18.48	Yes	268.52
269.63	272.10	11.36	11.36	11.36	12.38	11.82	13.74	No	260.74
269.14	272.00	15.20	15.20	15.20	13.46	12.45	13.48	No	256.80
274.63	277.89	16.90	16.90	16.90	16.29	15.58	16.75	No	260.99
274.96	277.85	16.74	16.74	16.74	16.14	15.45	16.60	No	261.11
5.80	278.62	8.76	8.76	8.76	6.86	5.24	7.55	No	269.86
5.30	279.25	14.90	14.90	14.90	13.64	12.14	14.22	No	264.35
0.02	272.94	15.10	15.10	15.10	13.57	12.14	14.48	No	257.84
1.40	274.14	14.68	14.68	14.68	13.51	12.58	14.17	No	259.46
270.09	274.03	13.82	13.82	13.82	12.72	11.68	13.50	No	260.21
9.90	272.83	10.30	10.30	10.30	9.62	8.90	96.6	No	262.53
287.50	289.85	15.40	15.40	15.40	14.43	13.56	14.95	No	274.45
275.50	278.06	10.14	10.14	10.14	9.34	8.54	9.92	No	267.92
270.90	274.39	11.84	11.84	11.84	11.34	10.78	11.73	No	262.55
270.00	273.42	11.30	11.30	11.30	10.98	10.47	11.32	Yes	262.12
270.28	272.32	10.92	10.92	10.92	10.58	10.06	10.90	No	261.40
270.40	273.88	11.78	11.78	11.78	11.29	10.74	11.68		262.10
267.98	270.49	13.60	13.60	13.60	13.39	13.12	13.62	Yes	256.89

O'Brien (Operation
PA... site
Oswego, New York
Pre-Pumping Monitoring Well Levels

September 6, 2011

Well	Cround	Kıser	- 1	September 2011	1		Wit	Within Kange?	ige?	Ground-Water
Number	Elevation	Elevation	Reading 1	Reading 2	Reading 3	Average	Low	High	X/N	Elevation
SWW1	286.20	289.33	88.6	88.6	88.6	10.64	9.90	11.66	No	279.45
SWW2	286.30	289.37	16.00	16.00	16.00	16.27	15.67	16.78	Yes	273.37
SWW3	286.00	286.50	17.16	17.16	17.16	17.27	16.86	17.66	Yes	269.34
SWW4	282.90	283.60	15.51	15.51	15.51	16.73	15.50	17.95	Yes	268.09
SWWS	275.90	277.02	12.70	12.70	12.70	13.09	12.70	13.95	No	264.32
9MMS	270.90	273.06	8.46	8.46	8.46	9.72	8.90	11.77	No	264.60
SWW7	273.30	277.93	8.42	8.42	8.42	8.66	8.05	9.05	Yes	269.51
SWW8	275.70	278.24	7.68	7.68	7.68	8.17	5.26	10.54	Yes	270.56
6MMS	283.30	285.55	18.22	18.22	18.22	18.38	17.52	18.98	Yes	267.33
SWW10	279.30	280.43	15.80	15.80	15.80	15.92	13.22	18.22	Yes	264.63
SWW11	271.00	273.50	8.86	8.86	98.8	9.31	8.72	10.27	Yes	264.64
SWW12	270.20	272.82	13.88	13.88	13.88	14.32	12.08	15.87	Yes	258.94
LCW-1	271.40	272.21	7.70	7.70	7.70	8.06	7.90	8.48	No	264.51
LCW-2	272.60	274.44	9.95	9.95	9.95	10.30	10.13	10.72	No	264.49
LCW-3	283.30	284.36	18.02	18.02	18.02	18.15	18.14	18.30	No	266.34
LCW-4	283.80	285.70	17.26	17.26	17.26	17.60	16.78	18.44	Yes	268.44
OS-1	269.63	272.10								
OI-1	269.14	272.00				,				
OS-3	274.63	277.89	16							
OD-3	274.96	277.85								
LD-3	275.80	278.62								
LD-4	276.30	279.25								
LD-5	270.02	272.94								
9-ST	271.40	274.14								
TD-6	270.09	274.03								
LD-8	269.90	272.83								
LR-2	287.50	289.85								
LR-3	275.50	278.06		v						
LR-6	270.90	274.39								
LR-8	270.00	273.42								
M-21	270.28	272.32								
M-22	270.40	273.88								
M-23	267.98	270.49								

ATTACHMENT A-2

SITE INSPECTION CHECKLIST AND LEACHATE DISPOSAL CHECKLIST



Date 7-6-11	Time8:30
Field Technician MARTIN Koennake	Weather Conditions SUNNY 75"

	Che	eck v	(tasks completed in each event)
Inspection Features	Monthly	Quarterly	Remarks (indicate accomplishment of each maintenance task)
Land Cap		•	,
Signs of burrowing vermin			
Land cap irregularities (note			
anomaly)	L		DK
French drainage system clear and function able	V		oK
Concrete trough clear and function able	V		NEEDS TO BE CLEARED of VEGITATION
Leachate Discharge System			1,7,1,7
City of Oswego sanitary discharge valve positioned "Open"	V		Xes
Discharge Pump inspected & operational	~		Yes
Discharge pump oil level verified prior to use.	v		Yes
Discharge pump drained of residual water (drained upon completion of use)	V		Yes
Heat trace system operational & verified in the "ON" position (during wintertime periods)	v		off
Flow totalizer operational. Flow readings recorded onto "Leachate Discharge Form"	V		Yes
Leachate Collection System			
Leachate holding tank visually inspected for structural integrity	V		ok
Leachate holding tank metal roof inspected for structural integrity	r		ok

	Ι	
		l V. c
V		Yes
V		yes
V		Yes
V		Yes
	V	WORKIN PROGRES - CLEARED ROAD FRONT FOR
		~
	2	DOWN IN SWAMP AREA
v		ok /
ν		Yes
"		Need Sign
V		OK
		8
V		Yes
V		OK
V		Yes
V		Yes



Former Pollution Abatement Services (PAS Oswego) Oswego, NY

Date 8-4-11	Time 8:30
Field Technician MARTIN Koennecke	Weather Conditions Sunny 70°

Check **√** (tasks completed in each event)

	CITE	CKV	(tasks completed in each event)
Inspection Features	Monthly	Quarterly	Remarks (indicate accomplishment of each maintenance task)
Land Cap			Y
Signs of burrowing vermin	V		NONE VISABLE
Land cap irregularities (note			
anomaly)	V		OK
French drainage system clear and			
function able	V		OK
Concrete trough clear and			
function able	V		vegitation needs clearing
Leachate Discharge System			J
City of Oswego sanitary discharge			
valve positioned "Open"	V		Yes
Discharge Pump inspected &			
operational	V		Yes
Discharge pump oil level verified			
prior to use.	V		Yes
Discharge pump drained of			
residual water (drained upon			Vac
completion of use)	V		Yes
Heat trace system operational &			
verified in the "ON" position			00
(during wintertime periods)	V		099
Flow totalizer operational. Flow			
readings recorded onto			\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
"Leachate Discharge Form"	V		Yes
Leachate Collection System			
Leachate holding tank visually			
inspected for structural integrity	V		OK
Leachate holding tank metal roof			a.L
inspected for structural integrity	V		OK

WICKS TO THE TOTAL CONTROL OF THE TOTAL CONTROL OT THE TOTAL CONTROL OF		5	9-11
Leachate tank access doors			
locked (post pumpout)	V		yes
Pump power panel(s) secured	V		yes Yes
A Mantioning WAIR (MIC)			
Locks installed	V		Yes
MW's marked & identifiable	V		Yes
Control Hereindident			
Trees & brush cleared off security			9
fence		V	WORK IN PROGRESS
Perimeter security fence intact &			DOWN IN SWAMP AREA
free of damage		N	DOWN IN SWAMP AREA
Site access driveway inspected	V		OK '
Security access gates function			
able	V		Yes No signs
Site gate signage intact	V		NO SIGNS
Interior & exterior of utility			J
storage shed inspected for			3
damage & secure with locks	V		Yes
Fire extinguisher serviceable,			
inspected, and inspection			14
recorded	V		Yes
Spill control material inspected &			
adequate	V		STOCKED
PPE available and utilized as			0.0000000000000000000000000000000000000
required	V		Yes
Emergency contact information			1.
posted within shed	V		Yes

QUARTERLY	well Levels	DUMDED	10,020 apl
TO CITY of	Oswego	, , , , , ,	, ,



Date 9-6-11	Time
Field Technician MARTIN Koennecke	Weather Conditions Light RAIN 60°

· ·	Che	eck v	(tasks completed in each event)
Inspection Features	Monthly	Quarterly	Remarks (indicate accomplishment of each maintenance task)
Land Cap			
Signs of burrowing vermin	1		None VISABLE
Land cap irregularities (note			,
anomaly)	V		0K
French drainage system clear and			
function able	V		STARTED CLEARING VEGITATION
Concrete trough clear and			v J
function able	v		STARTED CLEARING
Leachate Discharge System			
City of Oswego sanitary discharge			
valve positioned "Open"	V		Yes
Discharge Pump inspected &			
operational	ı		Yes
Discharge pump oil level verified		17.3035	
prior to use.	V		Yes
Discharge pump drained of			
residual water (drained upon			
completion of use)	V		Yes
Heat trace system operational &			
verified in the "ON" position			- 0
(during wintertime periods)	U		099
Flow totalizer operational. Flow			
readings recorded onto			V.,
"Leachate Discharge Form"	V		Yes
Leachate Collection System			
Leachate holding tank visually			
inspected for structural integrity	ν		OK
Leachate holding tank metal roof			
inspected for structural integrity	V		OK

		•	
Leachate tank access doors	T		
locked (post pumpout)	V		Yes
Pump power panel(s) secured	V		yes
	100 V	4.	
Locks installed	V		OK
MW's marked & identifiable	v		OK
Trees & brush cleared off security			
fence		V	NEEDS WORK
Perimeter security fence intact &			
free of damage		V	Needs work
Site access driveway inspected	V		OK
Security access gates function			
able	V		Yes
Site gate signage intact	v		No Sign
Interior & exterior of utility			J
storage shed inspected for		.	*
damage & secure with locks	V		OK
Fire extinguisher serviceable,			
inspected, and inspection			
recorded	V		Yes
Spill control material inspected &			_
adequate	v		STOCKED
PPE available and utilized as			
required	V		STOCKED
Emergency contact information			
posted within shed	V		Yes

ump	2000	gal.	LeacHATE	10	Cityon	O) wego
WHHIY	well	Level	\$			
,						



Date 9-7- 204			Time_	0800		
Date 9-1- ZOU Field Technician <u>Karmue</u>	18.	4	Weath	er Conditions	0/1	OK CASI
	Che	eck V	(tasks completed in	each event)	*	
Inspection Features		Γ			ent of eac	h maintenance task)
	Monthly	Quarterly				
Land Cap		(-X)				31. 3
Signs of burrowing vermin						
Land cap irregularities (note						
anomaly)						
French drainage system clear and		N				
function able		X	warecor	7 on Che	string	Drenn
Concrete trough clear and					G)
function able	L	X	4	4		4
Leachate Discharge System				•		
City of Oswego sanitary discharge						
valve positioned "Open"					200	
Discharge Pump inspected &					2000	
operational						
Discharge pump oil level verified						
prior to use.				220		
Discharge pump drained of						
residual water (drained upon						
completion of use)						
Heat trace system operational &						
verified in the "ON" position			a•n g			
(during wintertime periods)						
Flow totalizer operational. Flow						
readings recorded onto						
"Leachate Discharge Form"						
Leachate Collection System						
Leachate holding tank visually						
inspected for structural integrity						
Leachate holding tank metal roof				9		Section 14
inspected for structural integrity						

Locked (post pumpout) Pump power panel(s) secured Winited Pump (Minited Pump) (Minited Pum	Leachate tank access doors				
Locks installed MW's marked & identifiable Control ite Trees & brush cleared off security fence Perimeter security fence intact & free of damage Site access driveway inspected Security access gates function able Site gate signage intact Interior & exterior of utility storage shed inspected for damage & secure with locks Fire extinguisher serviceable, inspected, and inspection recorded Spill control material inspected & adequate PPE available and utilized as required Emergency contact information posted within shed	locked (post pumpout)				
Locks installed MW's marked & identifiable Trees & brush cleared off security fence Perimeter security fence intact & free of damage Site access driveway inspected Security access gates function able Site gate signage intact Interior & exterior of utility storage shed inspected for damage & secure with locks Fire extinguisher serviceable, inspected, and inspection recorded Spill control material inspected & adequate PPE available and utilized as required Emergency contact information posted within shed	Pump power panel(s) secured				
MW's marked & identifiable Clinatific to distinct Trees & brush cleared off security fence Perimeter security fence intact & free of damage Site access driveway inspected Security access gates function able Site gate signage intact Interior & exterior of utility storage shed inspected for damage & secure with locks Fire extinguisher serviceable, inspected, and inspection recorded Spill control material inspected & adequate PPE available and utilized as required Emergency contact information posted within shed	Weblicothesselle leavely	180			
Trees & brush cleared off security fence Perimeter security fence intact & free of damage Site access driveway inspected Security access gates function able Site gate signage intact Interior & exterior of utility storage shed inspected for damage & secure with locks Fire extinguisher serviceable, inspected, and inspection recorded Spill control material inspected & adequate PPE available and utilized as required Emergency contact information posted within shed	Locks installed				
Trees & brush cleared off security fence Perimeter security fence intact & free of damage Site access driveway inspected Security access gates function able Site gate signage intact Interior & exterior of utility storage shed inspected for damage & secure with locks Fire extinguisher serviceable, inspected, and inspection recorded Spill control material inspected & adequate PPE available and utilized as required Emergency contact information posted within shed	MW's marked & identifiable				
Fernce Perimeter security fence intact & free of damage Site access driveway inspected Security access gates function able Site gate signage intact Interior & exterior of utility storage shed inspected for damage & secure with locks Fire extinguisher serviceable, inspected, and inspection recorded Spill control material inspected & adequate PPE available and utilized as required Emergency contact information posted within shed	Commercial of the mathematical	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			
Perimeter security fence intact & free of damage Site access driveway inspected Security access gates function able Site gate signage intact Interior & exterior of utility storage shed inspected for damage & secure with locks Fire extinguisher serviceable, inspected, and inspection recorded Spill control material inspected & adequate PPE available and utilized as required Emergency contact information posted within shed	Trees & brush cleared off security				
Perimeter security fence intact & free of damage Site access driveway inspected Security access gates function able Site gate signage intact Interior & exterior of utility storage shed inspected for damage & secure with locks Fire extinguisher serviceable, inspected, and inspection recorded Spill control material inspected & adequate PPE available and utilized as required Emergency contact information posted within shed	fence		X	Chunkon Entremen Gran of Fre	aca,
Site access driveway inspected Security access gates function able Site gate signage intact Interior & exterior of utility storage shed inspected for damage & secure with locks Fire extinguisher serviceable, inspected, and inspection recorded Spill control material inspected & adequate PPE available and utilized as required Emergency contact information posted within shed	Perimeter security fence intact &				
Security access gates function able Site gate signage intact Interior & exterior of utility storage shed inspected for damage & secure with locks Fire extinguisher serviceable, inspected, and inspection recorded Spill control material inspected & adequate PPE available and utilized as required Emergency contact information posted within shed	free of damage				
able Site gate signage intact Interior & exterior of utility storage shed inspected for damage & secure with locks Fire extinguisher serviceable, inspected, and inspection recorded Spill control material inspected & adequate PPE available and utilized as required Emergency contact information posted within shed	Site access driveway inspected				
Site gate signage intact Interior & exterior of utility storage shed inspected for damage & secure with locks Fire extinguisher serviceable, inspected, and inspection recorded Spill control material inspected & adequate PPE available and utilized as required Emergency contact information posted within shed	Security access gates function				
Interior & exterior of utility storage shed inspected for damage & secure with locks Fire extinguisher serviceable, inspected, and inspection recorded Spill control material inspected & adequate PPE available and utilized as required Emergency contact information posted within shed	able				
storage shed inspected for damage & secure with locks Fire extinguisher serviceable, inspected, and inspection recorded Spill control material inspected & adequate PPE available and utilized as required Emergency contact information posted within shed	Site gate signage intact				
damage & secure with locks Fire extinguisher serviceable, inspected, and inspection recorded Spill control material inspected & adequate PPE available and utilized as required Emergency contact information posted within shed	Interior & exterior of utility				
Fire extinguisher serviceable, inspected, and inspection recorded Spill control material inspected & adequate PPE available and utilized as required Emergency contact information posted within shed	storage shed inspected for				
inspected, and inspection recorded Spill control material inspected & adequate PPE available and utilized as required Emergency contact information posted within shed	damage & secure with locks				
recorded Spill control material inspected & adequate PPE available and utilized as required Emergency contact information posted within shed	Fire extinguisher serviceable,				
Spill control material inspected & adequate PPE available and utilized as required Emergency contact information posted within shed	inspected, and inspection				
adequate PPE available and utilized as required Emergency contact information posted within shed	recorded				
PPE available and utilized as required Emergency contact information posted within shed	Spill control material inspected &				
required Emergency contact information posted within shed	adequate				
Emergency contact information posted within shed	PPE available and utilized as				
posted within shed	required				
	Emergency contact information				
Additional remarks (use separate sheet is required)	posted within shed				
	Additional remarks (use separate sh	neet	is rec	quired)	
	, , , , , , , , , , , , , , , , , , , ,			,	





Date: 7-6-11	Time: 8:30
Field Technician MARTIN Koennecke	Weather Conditions SUNNY 75

Beginning Leachate		[8]				
Hold Tank Elevation (Inches)	Pumping Weil #	Pump Start Time	Pump Stop Time	Ending Tank Elevation	Flow Rate (est.)	Est. Leachate Pumped into Holding Tank (Gallons)
9,5"	LCW-1	9:15	10:15	43"	170 GPM	10,218
1	LCW-2	9:15	10:15	43 ''		7-7-
	LCW-3	NOT PLAPES		43"		
9.5	LCW-4	9:15	10:15	43"		
		<u> </u>	129		Total	10010

	Monthly Leachate Discharge Pumping (To the City of Oswego)										
Discharge #	Start Time	Stop Time	рН	Temp)	Totalizer Flow Total (Start)	0.000	lizer Total nd)	Gallons Discharge		
Discharge #1	10:20	113:40	6,82	<i>5</i> a	٥	120045	130	045	10,000		
Pump Info	Flow Rate (GPM)	Prime Time	Pump Pressure	Pump Vacuu							
	84	10min	0	8 11-1	01						
í	Semi-Ar	nual Le	achate Di	scharg	e So	ampling (Per the City	y of Osw	vego Permit)		
	Date	Sampl Location				imple Time	рН	Те	mperature		
Sample #1											



Date: 8-4-11	Time: 8:30
Field Technician MARTIN Knewscks	Weather Conditions Sunny 70°

Beginning Leachate	Pre-Discharge Well Pumping								
Hold Tank Elevation (Inches)	Pumping Well #	Pump Start Time	Pump Stop Time	Ending Tank Elevation	Flow Rate (est.)	Est. Leachate Pumped into Holding Tank (Gallons)			
9,5"	LCW-1	10:00	11:00	42,5"	167	10,065			
	LCW-2	10:00	11:00	ſ	1				
	LCW-3	NOTPU	MPED						
	LCW-4	10:00	11:00						
			**************************************		Total	10065			

	Monthly Leachate Discharge Pumping (To the City of Oswego)										
Discharge #	Start Time	Stop Time	рН	Temp	Totalizer Flow Total (Start)	Totalizer Flow Total (End)	Gallons Discharge				
Discharge #1	11:00	13,20	6,80	54°F	130045	140065	10,020				
Pump Info	Flow Rate (GPM)	Prime Time	Pump Pressure	Pump Vacuum							
		20 mm	0	8-10"							
	Semi-An	Sample			a mpling (Po	pH Te	vego Permit) emperature				
	5	Locatio	500 600	. 1	Гіте	,					
Sample #1	~		And the last of th	**************************************			11/-				



Date: 9-6-11	Time: 8:30
Field Technician MARTIN KOENNOCKE	Weather Conditions Light RAID 60

Beginning Leachate		Pre-Discharge Well Pumping									
Hold Tank Elevation (Inches)	Pumping Well #	Pump Start Time	Pump Stop Time	Ending Tank Elevation	Flow Rate (est.)	Est. Leachate Pumped into Holding Tank (Gallons)					
10,5"	LCW-1	930	11 30	43"	1						
<u> </u>	LCW-2	930	11 30	(写)							
	LCW-3	NOT Pun	OFO S								
	LCW-4	930	11 30	10,5"	167,75	1					
		J			Total	20160					

	M	onthly L	eachate D	Discharge	Pumping (To the City of Osi	vego)
Discharge #	Start Time	Stop Time	рН	Temp	Totalizer Flow Total (Start)	Totalizer Flow Total (End)	Gallons Discharge
Discharge #1	10:30	2:30	6,65	54°F	140065	160070	20005
Pump Info	Flow Rate (GPM)	Prime Time	Pump Pressure	Pump Vacuum			
	83,5	30 mm	0	8"			
	Semi-Aı	nnual Le	achate Di	ischarge S	Sampling (P	er the City of Os	vego Permit)
40	Date	Sampl		nple S ume	iample Time	рН Те	emperature
Sample #1							

ATTACHMENT A-3

QUARTERLY POTW DISCHARGE REPORTS
3RD QUARTER 2011

de maximis, inc.

450 Montbrook Lane Knoxville, TN 37919 (865) 691-5052 (865) 691-6485 FAX (865) 691-9835 ACCT. FAX

Via electronic mail

October 20, 2011

Mr. Anthony A. Leotta, P.E. City Engineer
City Hall
Oswego, New York 13126
tleotta@oswego.ny.org

Re:

Quarterly Discharge Report – 3rd Quarter 2011
Pollution Abatement Services Site – Oswego, New York
City of Oswego Wastewater Discharge Permit 6-2010-13

Dear Mr. Leotta:

This quarterly report is submitted in accordance with the City of Oswego Wastewater Discharge Permit 6-2010-13 (Permit) for discharge of leachate from the Pollution Abatement Services (PAS) Site into the City of Oswego's Eastside Wastewater Treatment Facility. This report covers the reporting period from July 2011 through September 2011.

The total gallons of leachate discharged during the third quarter of 2011 are 40,025 gallons. The amount of leachate discharged during each monthly removal event is summarized in Table 1. A completed Leachate Discharge Form documenting the quantity of leachate discharged during each leachate removal event is included in Attachment I. The flow totalizer readings documenting quantities discharged, as well as date and time of each discharge event is provided on this form. Measurements for pH and temperature during each removal event are also recorded in the Leachate Discharge Form. The semi annual sampling event under the permit is scheduled for November 9, 2011. The corresponding data will be provided in the fourth quarter report.

If you need additional information please call me at (865) 691-5052.

Sincerely,

de maximis, inc.

Clay McClarnon

Attachments

Xem Mc

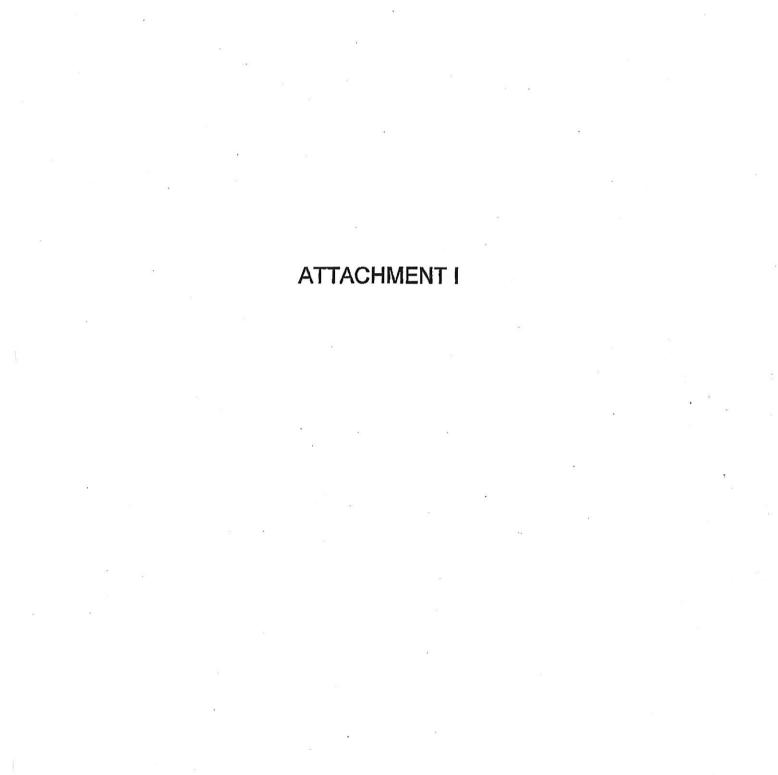
CC:

Michael Coffey - City of Oswego

PAS Oswego Site Management Committee

TABLE 1 . DAS OSWIEDO SITE OFFICE CONTRACTOR	TO SOME OF THE WORK IERLY REPORT FOR CITY OF DELIVERS	IFACHATE DISCUADES TO COMMEND (JULY 2011)	CHAIL DISCHARGE TO USWEGO FASTSINE INVESTMENT TO THE	STILL STATE
TARIF1 - L		FACHATE	ココンフロコ	

אל בסדה	OTC.	10,2011	1.1	20 2011	211	30	30 2011	100	
Date	;			Date				7	44 2011
Discharged (temp/pH)	Gallons Discharged	Date Discharged (temp/pH)	Gallons Discharged	Discharged (temp/pH)	Gallons	Discharged	Gallons	Date Discharged	Gallons
10/28/2010	20,000	1/5/2011	10,000	4/6/2011	10.010	7/6/2011	Discharged	(тетр/рн)	Discharged
52/6.2		45/6.8		43/6.3		1102/07/	ODO,UL		
11/2/2010	20,000	2/9/2011	10,010	5/4/2011	10,020	8/4/2011	10.030		
50/6.4		42/6.8		46/6.8		54/6.8	10,020		
12/6/2010	20,000	3/2/2011	10,000	6/8/2011	10,005	9/6/2011	20.005		
50/6.7		42/6.4		5277.1		5416.6	20,02		
Total						24/0.0		A Part of the second se	
Discharged	000'09		30,010		30,035		40,025		c
Date Sampled*	10/28/11		3/2/11		Not consider				
Anaivtes	1/am	27	1,000		nacional internacional		Not sampled		
Cyanide	CN		NIB L		mg/L		mg/t		mg/L
Cadmium	QN		2 5		Side d				
Chromium (total)	0.015		0.014						
Copper	S S	444	0.011						
Lead	NO		ND						
Nickel	0.58		0.65						
Silver	QN		NO		ASSES.				
Zinc	NO.		QN						
Mercury	ND		QN ON						
8005	13		22						
SST	6		03						
Phenolics	0.14		0.11						
7	7.2		777						





Date: 7-6-11	Time: 8:30
Field Technician MARTIN Koenwecke	Weather Conditions SUNNY 75

Beginning Leachate	1	Pre-Discharge Well Pumping								
Hold Tank Elevation (Inches)	Well #	Pump Start Time	Pump \$top Time	Ending Tank Elevation	Flow Rate (est.)	Est. Leachate Pumped into Holding Tank (Gallons)				
9,5"	LCW-1	9:15	10:15	43"	170 GPM	10,218				
	LCW-2	9:15	10:15	43"	,	1-10.16				
	LCW-3	NOT PEMPED		43"	M					
9.5	LCW-4	9:15	10:15	43"						
41		* 4	•	-	Total	10,218				

Manhaum es	M	onthly L	eachate L	Discharge	Pumping (To the City of Ose	vego)
Discharge #	Start Time	Stop Time	pH	Temp	Totalizer Flow Total (Start)	Totalizer Flow Total (End)	Gallons Discharge
Discharge #1	10:20	113:40	6,82	5a°	120045	130045	10,000
Pump Info	Flow Rate (GPM)	Prime Time	Pump Pressure	Pump Vacuum		1,500,75	10,000
	84	10mm	0	811-10#			1
ì	Semi-An	nual Le	achate Di	scharge S	ampling (P	er the City of Osw	/ego Permit)
	Date	Sample			ample Time	pH Te	mperature
Sample #1	,						



Date: 8-4-11	Time: 8:30
Field Technician MARTIN Knewscks	Weather Conditions Sunny 20°

Beginning Leachate		Pre-Discharge Well Pumping								
Hold Tank Elevation (Inches)	Pumping Well #	Pump Start Time	Pump Stop Time	Ending Tank Elevation	Flow Rate (est.)	Est. Leachate Pumped into Holding Tank (Gallons)				
9,5"	LCW-1	10:00	11:00	42,5 "	167	10,065				
	LCW-2	10:00	11:00	ľ	1	,				
	LCW-3	NOT PUN								
1	LCW-4	10:00	11:00							
II.					Total	10065				

Birting 0	Monthly Leachate Discharge Pumping (To the City of Oswego)										
Discharge #	Start Time	Stop Time	рH	Temp	Totalizer Flow Total (Start)	Totalizer Flow Total (End)	Gallons Discharge				
Discharge #1	11:00	13:20	6.80	54°F	130045		19020				
Pump Info	Flow Rate (GPM)	Prime Time	Pump Pressure	Pump Vacuum	7.2.00,7	77-002	19,00.0				
		30 mm	0	8-10"							
					ampling (Pe	r the City of Osw	rego Permit)				
	Date	Sample Location		- 10 miles	imple Ime	pH Te	mperature				
Sample #1	-						33 /				



Date: 9-6-11	Time: 8:30
Field Technician MARTIN Koennocko	Weather Conditions Light Mile 60

Reginning Leachate		Pre-Discharge Well Pumping									
Held Tank Elevation (linkhes)	Pumping Well #	Pump Start Time	Pump Stop Time	Ending Tank Elevation	Flow Rate (est.)	Est, Leachate Pumped Into Holding Tank (Gallons)					
10,5"	LCW-1	930	1/30	43"	1	ı					
	LCW-2	930	11 30	(学)	200						
	LCW-3	NOT Pun									
	LCW-4	930	1130	10,5"	167.75	1					
		A			Total	20160					

Discharge #	Monthly Leachate Discharge Pumping (To the City of Oswego)							
	Start Time	Stop Time	рН	Temp	Totalizer Flow Tota (Start)	Total Flow	Total	Gallons Distharge
Discharge #1	10:30	2:30	6,65	54° F	14006	5 1600	270	20005
Pump Info	Flow Rate (GPM)	Prime Time	Pump Pressure	Pump Vacuum				
	83,5	gomin	0	8"				
	Semi-Ar	inual Le		<i>'</i>	Sampling (Per the City	of Osu	vego Permit)
i.	Date	Sampl			Sample Time	рH	Temperature	
Sample #1							7	***************