



de maximis, inc.

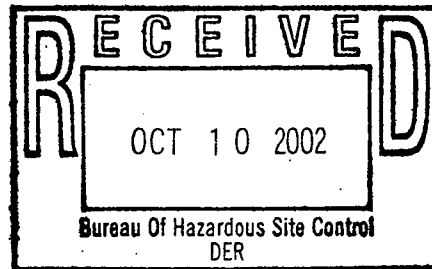
2975 Bee Ridge Road
Suite C
Sarasota, FL 34239
(941) 926-7929
Fax (941) 926-0829

*John ST
PMR*

*Review for EPA 1st Quarterly Report.
J.R. Schumg.
01/09/2003*

October 9, 2002

Patricia Pierre
Central New York Remedial Section
New York Remediation Branch
Emergency and Remedial Response Division
U.S. Environmental Protection Agency, Region II
20th Floor, 290 Broadway
New York, New York 10007



**Subject: Quarterly Progress Report - 3Q02
Operations and Maintenance and Long Term-Monitoring Activities
PAS Site, Oswego, NY 738001**

Dear Ms. Pierre:

The October 2002 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 through September 2002, conforms with requirements of Paragraph 30 of the Consent Decree, which was entered on August 10, 1998.

If you have any questions, please call me at (941) 926-7929.

Sincerely,
de maximis, inc.

Mark Valentine
Mark Valentine

- cc: Performing Settling Defendants
- L. McDavid, USEPA
- G. Rider, NYSDEC, Division of Hazardous Waste Remediation
- R. Parker, NYSDEC, Region 7 Office
- D. Geraghty, NYDOH, Office of Public Health



Envelope
Library

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

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

PERIOD COVERED: JULY - SEPTEMBER 2002

ACTIONS TAKEN DURING PREVIOUS QUARTER (JUL - SEPT 2002):

- Removal activities were conducted at the PAS Oswego Site in accordance with the Operation, Maintenance and Long-term Monitoring Activities Plan (BBL, 1998) (Work Plan). A total of 30,416 gallons of leachate was removed during the period July through September of 2002. 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 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 OBG leachate removal activities.
- Routine ground-water elevation monitoring was performed on July 1 and 15, August 5, and 19, September 9 and 23, 2002.
- On August 5, 2002, quarterly ground-water elevation monitoring was also performed. Quarterly ground-water 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 LCW locations (including LCW-4) during the period July through September 2002, in accordance with the November 15, 1999 leachate removal protocol.
- Site maintenance activities were conducted on July 1 and 15, August 5 and 19, and September 9 and 23, 2002, 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.
- Mowing of the vegetated cap was performed on July 8 and 9, 2002.
- The PSDs reviewed the Model New York State Easement received from USEPA. A revised, site-specific, version of this document (entitled "Environmental Protection Easement and Restrictive Covenant") was provided to USEPA for review.
- Payment of the USEPA response cost invoice in the amount of \$755.96 was made on September 17, 2002, as required.

ACTION ITEMS FOR FOLLOWING QUARTER (OCT - DEC 2002):

- OMM activities will be performed in October, November, and December 2002, 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.
- Quarterly ground-water elevation monitoring and semi-annual sampling will be conducted on November 4, 2002.
- Routine maintenance activities will be conducted, 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 PSDs are awaiting USEPA response to the revised Environmental Protection Easement and Restrictive Covenant document provided to USEPA in September.

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

LEACHATE REMOVAL EVENTS AND TASK SCHEDULE (4th Quarter 2002)							
	October 2002 Removal Events		November 2002 Removal Events		December 2002 Removal Events		Task
	First Event	Contingency Event	First Event	Contingency Event	First Event	Contingency Event	
Pre-Pumping Monitoring	Oct 7	Oct 21	Nov 4	Nov 18	Dec 2	Dec 16	LCW- and SWW- Series Wells for Oct, Nov, Dec. LCW-, SWW-, M-, and LR- Series Wells for Nov. (first event only).
Removal	Oct 9	Oct 23	Nov 6	Nov 20	Dec 4	Dec 18	Remove leachate from LCW-1, -2, -3, and -4 wells. (LCW-4 pumping dependent on well level readings Nov 4).

LEACHATE REMOVAL EVENTS AND TASK SCHEDULE (1st Quarter 2003)							
	January 2003 Removal Events		February 2003 Removal Events		March 2003 Removal Events		Task
	First Event	Contingency Event	First Event	Contingency Event	First Event	Contingency Event	
Pre-Pumping Monitoring	Jan 6	Jan 20	Feb 3	Feb 17	Mar 3	Mar 17	LCW- and SWW- Series Wells for Jan, Feb, Mar LCW-, SWW-, M-, and LR- Series Wells for Feb. (first event only).
Removal	Jan 8	Jan 22	Feb 5	Feb 19	Mar 5	Mar 19	Remove leachate from LCW-1, -2, -3, and -4 wells. (LCW-4 pumping dependent on well level readings Feb 3).

ANTICIPATED DELAYS/PROBLEMS:

- None

RESULTS OF FIELD ACTIVITIES:

- Ground-water elevation data collected on July 1 and 15, August 5 and 19, and September 9 and 23, 2002 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 (See Attachment 3)
- Waste Treatment/Disposal Certifications (See Attachment 4)

JULY 2002
July 3, 2002

Manifest #	Amount (gal)	Date Removed
NYG2534769	5,281	7/3/02
NYG2534751	4,944	7/3/02

July 3, 2002 Total 10,225 gallons
July 2002 Total = 10,225 gallons

AUGUST 2002
August 7, 2002

Manifest #	Amount (gal)	Date Removed
NYG2534778	5,231	8/7/02
NYG2534787	5,023	8/7/02

August 7, 2002 Total 10,254 gallons
August 2002 Total = 10,254 gallons

SEPTEMBER 2002
September 11, 2002

Manifest #	Amount (gal)	Date Removed
NYG2534805	4,760	9/11/02
NYG2534796	5,147	9/11/02

September 11, 2002 Total = 9,907 gallons
September 2002 Total = 9,907 gallons

• **CUMULATIVE REMOVAL QUANTITIES**

Cumulative gallons removed during quarter
under OMM Plan - July through September 2002

30,416

HISTORICAL SUMMARY OF LEACHATE REMOVAL ACTIVITIES

<i>Order/Decree</i>	<i>Disposal Facility/Period</i>	<i>Quantities</i>
1991 IGR Order (2/92 - 10/94)	<i>Dupont:</i> 1992 (2/98 -12/98) 1993 <u>1994 (1/94-10/94)</u> <i>Subtotal</i>	221,808 337,619 <u>254,898</u> 814,325
1994 IGR Order (10/94 - 10/98)	<i>DuPont:</i> 1994 (From 10/94) 1995 1996 (To 5/96) <i>Subtotal (To 5/96)</i> <i>BFI/CECOS:</i> 1996 1997 <u>1998 (1/98-10/98)</u> <i>Subtotal</i> <i>94 IGR Order Total</i>	50,683 279,164 <u>119,901</u> 449,748 163,446 269,371 <u>207,541</u> 640,358 1,090,106
Final IGR Total		1,904,431
OMM Consent Decree (Beginning 11/98)	<i>BFI/CECOS:</i> 1998 (11/98-12/98) 1999 2000 2001 2002 <i>OMM Subtotal</i>	18,423 177,710 196,613 130,212 <u>88,071</u> 611,029
GRAND TOTAL		2,515,460

• LEACHATE DISPOSAL DOCUMENTATION

July 3, 2002

BFI/CECOS Work Order Number	Manifest #	Date Disposed
284981	NYG2534769	7/3/02
284980	NYG2534751	7/3/02

August 7, 2002

BFI/CECOS Work Order Number	Manifest #	Date Disposed
285148	NYG2534778	8/7/02
285149	NYG2534787	8/7/02

September 11, 2002

BFI/CECOS Work Order Number	Manifest #	Date Disposed
285316	NYG2534805	9/11/02
285315	NYG2534796	9/11/02

Note: "Gallons removed" is based upon BFI/CECOS 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.

File on eDOCs Yes _____ No
Site Name PAS
Site No. 738001
County Oswego
Town Oswego
Foitable Yes _____ No
File Name 2002-10-09_Q3-02 Report
eDOC _____