

▽

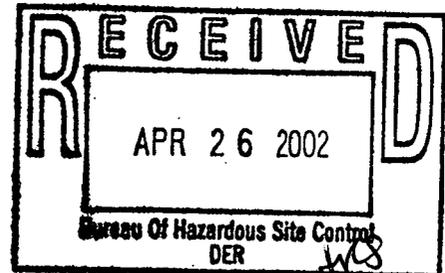
**de maximis, inc.**

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

John ST  
FWR  
4/26

April 5, 2002

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



WCS  
4/29/02  
OK report reviewed.

**Subject: Quarterly Progress Report - 1Q02  
Operations and Maintenance and Long Term-Monitoring Activities  
PAS Site, Oswego, NY**

Dear Ms. Simmons:

The April 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 January through March 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

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

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

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

**PERIOD COVERED:**   JANUARY - MARCH 2002

**ACTIONS TAKEN DURING PREVIOUS QUARTER (JAN - MAR 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 30,502 gallons of leachate was removed during the period January through March 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 January 7 and 21, February 4, and 18, March 4 and 17, 2002
- On February 4, 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 January through March 2002, in accordance with the November 15, 1999 leachate removal protocol.
- Site maintenance activities were conducted on January 23, February 20, and March 20, 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.
- The PSDs are awaiting a response from USEPA on the revised draft version of the Environmental Protection Easement and Restrictive Covenant provided to USEPA on June 7, 2001.

**ACTION ITEMS FOR FOLLOWING QUARTER (JAN - MAR 2002):**

- OMM activities will be performed in April, May and June 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 will be conducted on May 6, 2002.
- Semi-annual groundwater sampling event will be conducted on May 6, 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 schedule for leachate removal events and tasks is provided below.

<b>LEACHATE REMOVAL EVENTS AND TASK SCHEDULE (2nd Quarter 2002)</b>							
	<b>April 2002 Removal Events</b>		<b>May 2002 Removal Events</b>		<b>June 2002 Removal Events</b>		<b>Task</b>
	<b>First Event</b>	<b>Contingency Event</b>	<b>First Event</b>	<b>Contingency Event</b>	<b>First Event</b>	<b>Contingency Event</b>	
Pre-Pumping Monitoring	Apr 1	Apr 15	May 6	May 8	June 3	June 17	LCW- and SWW- Series Wells for Apr. May, and June LCW-, SWW-, M-, and LR- Series Wells for May. (first event only).
Removal	Apr 3	Apr 17	May 8	May 22	June 5	June 19	Remove leachate from LCW-1, -2, -3, and -4 wells.

<b>LEACHATE REMOVAL EVENTS AND TASK SCHEDULE (3rd Quarter 2002)</b>							
	<b>July 2002 Removal Events</b>		<b>August 2002 Removal Events</b>		<b>September 2002 Removal Events</b>		<b>Task</b>
	<b>First Event</b>	<b>Contingency Event</b>	<b>First Event</b>	<b>Contingency Event</b>	<b>First Event</b>	<b>Contingency Event</b>	
Pre-Pumping Monitoring	Jul 1	Jul 15	Aug 6	Aug 20	Sep 3	Sep 17	LCW- and SWW- Series Wells for Jul, Aug, Sep. LCW-, SWW-, M-, and LR- Series Wells for Aug (first event only).
Removal	Jul 3	Jul 17	Aug 8	Aug 22	Sep 5	Sep 19	Remove leachate from LCW-1, -2, -3, and -4 wells.

**ANTICIPATED DELAYS/PROBLEMS:**

There are no anticipated delays or problems for the succeeding maintenance and monitoring period.

**RESULTS OF FIELD ACTIVITIES:**

- Ground-water elevation data collected on January 7, and 21, February 4, and 18 March 4 and 18, 2002 are attached, along with the SWW-series monitoring well charts for the past 12 months (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)

***JANUARY 2002***

**January 9, 2002**

<b>Manifest #</b>	<b>Amount (gal)</b>	<b>Date Removed</b>
NYG2534634	5,231	1/9/02
NYG2534643	4,520	1/9/02

*January 9, 2002 Total = 9,751 gallons*

*January 2002 Total = 9,751 gallons*

***FEBRUARY 2002***

**February 6, 2002**

<b>Manifest #</b>	<b>Amount (gal)</b>	<b>Date Removed</b>
NYG2534661	5,227	2/6/02
NYG2534652	5,217	2/6/02

*February 6, 2002 Total = 10,444 gallons*

*February 2002 Total = 10,444 gallons*

***MARCH 2002***

**March 6, 2002**

<b>Manifest #</b>	<b>Amount (gal)</b>	<b>Date Removed</b>
NYG2534688	5,116	2/6/02
NYG2534679	5,191	2/6/02

*March 6, 2002 Total = 10,307 gallons*

*March 2002 Total = 10,307 gallons*

• **CUMULATIVE REMOVAL QUANTITIES**

Cumulative gallons removed during quarter  
under OMM Plan - January through March 2002

**30,502**

**HISTORICAL SUMMARY OF LEACHATE REMOVAL ACTIVITIES**

<i>Order/Decree</i>	<i>Disposal Facility/Period</i>	<i>Quantities</i>
<b>1991 IGR Order (2/92 - 10/94)</b>	<b>Dupont:</b> 1992 (2/98 -12/98) 1993 1994 (1/94-10/94) <u>Subtotal</u>	221,808 337,619 <u>254,898</u> 814,325
<b>1994 IGR Order (10/94 - 10/98)</b>	<b>DuPont:</b> 1994 (From 10/94) 1995 1996 (To 5/96) <u>Subtotal (To 5/96)</u>  <b>BFI/CECOS:</b> 1996 1997 <u>1998 (1/98-10/98)</u> <u>Subtotal</u>  <b>94 IGR Order Total</b>	50,683 279,164 <u>119,901</u> 449,748  163,446 269,371 <u>207,541</u> 640,358  1,090,106
<b>Final IGR Total</b>		<b>1,904,431</b>
<b>OMM Consent Decree (Beginning 1/98)</b>	<b>BFI/CECOS</b> 1998 (1/98-12/98) 1999 2000 2001 2002 (Thru Mar2002) <u>OMM Subtotal</u>	18,423 177,710 196,613 130,212 <u>30,502</u> <u>553,460</u>
<b>GRAND TOTAL</b>		<b>2,457,891</b>

• **LEACHATE DISPOSAL DOCUMENTATION**

**January 9, 2002**

<b>BFI/CECOS Work Order Number</b>	<b>Manifest #</b>	<b>Date Disposed</b>
284571	NYG2534634	1/9/02
284570	NYG2534643	1/9/02

**February 6, 2002**

<b>BFI/CECOS Work Order Number</b>	<b>Manifest #</b>	<b>Date Disposed</b>
284614	NYG2534661	2/6/02
284613	NYG2534652	2/6/02

**March 6, 2002**

<b>BFI/CECOS Work Order Number</b>	<b>Manifest #</b>	<b>Date Disposed</b>
284651	NYG2534688	3/6/02
284652	NYG2534679	3/6/02

**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.

File on eDOCs  Yes \_\_\_\_\_ No \_\_\_\_\_  
Site Name RAS  
Site No. 738001  
County OSwego  
Town OSwego  
Foitable  Yes \_\_\_\_\_  
File Name 2002-04-05, Q102 Report  
Scanned & eDOC \_\_\_\_\_