

U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION/SITUATION REPORT
Former Mount Clemens Landfill - Removal Polrep
Final Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region V

Subject: **POLREP #4**
Final POLREP
Former Mount Clemens Landfill
B5ZT
Mount Clemens, MI
Latitude: 42.6002000 Longitude: -82.8683000

To: Richard Karl, EPA SFD
Jason El-Zein, EPA SFD
Charles Gebien, EPA SFD
Brian Kelly, EPA SFD
Mike Ribordy, EPA SFD
Thomas Kenney, EPA ORC
John Glover, U.S. EPA
Beverly Kush, EPA SFD
William Ryczek, U.S. EPA
Michael Chezick, DOI
Sherry Fielding, EPA HQ
Mark Johnson, CDC ATSDR
Michelle Colledge, CDC ATSDR
Mark Dominic, HUD
Joe Walczak, MDEQ
Bruce VanOtteren, MDEQ
James Sygo, MDEQ
Ernest Ndukwee, MDEQ
Christina Bush, MDCH

From: Jon Gulch, OSC
Paul Ruesch, OSC

Date: 3/8/2012

Reporting Period: 12/23/2011 - 3/8/2012

1. Introduction

1.1 Background

Site Number:	B5ZT	Contract Number:	EP-S5-08-02
D.O. Number:	0094	Action Memo Date:	8/30/2011
Response Authority:	CERCLA	Response Type:	Time-Critical
Response Lead:	EPA	Incident Category:	Removal Action
NPL Status:	Non NPL	Operable Unit:	
Mobilization Date:	11/1/2011	Start Date:	11/1/2011
Demob Date:	3/7/2012	Completion Date:	3/8/2012
CERCLIS ID:	MIN000510529	RCRIS ID:	
ERNS No.:		State Notification:	MDEQ
FPN#:		Reimbursable Account #:	

1.1.1 Incident Category

Time Critical Removal Action

1.1.2 Site Description

See POLREP #1

1.1.2.1 Location

See POLREP #1

1.1.2.2 Description of Threat

See POLREP #1

1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results

See POLREP #1

2. Current Activities

2.1 Operations Section

2.1.1 Narrative

The objective of the project was to convert the existing passive trench and vertical well vent system to an active gas extraction system to mitigate threats posed by methane gas migration at the site.

2.1.2 Response Actions to Date

Work activities for the project were completed on March 7, 2012. The following activities were completed during the last reporting period:

- Electrical power lines were run from the wastewater treatment plant to equipment sheds in Areas 1 & 2;
- All trenches and excavations made for valve housings were backfilled;
- Heavy duty electrical transformers were purchased and installed at the equipment sheds in Areas 1 & 2;
- All perimeter fencing impacted during the project was repaired/replaced;
- All electrical connections were made to the power sources and the equipment sheds; and
- System start-up and testing was conducted to ensure that required vacuum was obtained at all extraction wells.

2.1.3 Enforcement Activities, Identity of Potentially Responsible Parties (PRPs)

See POLREP #1

2.1.4 Progress Metrics

<i>Waste Stream</i>	<i>Medium</i>	<i>Quantity</i>	<i>Manifest #</i>	<i>Treatment</i>	<i>Disposal</i>
None					

R5 Priorities Summary		
This is an Integrated River Assessment. The numbers should overlap.	Miles of river systems cleaned and/or restored	0
	Cubic yards of contaminated sediments removed and/or capped	0
	Gallons of oil/water recovered	0
	Acres of soil/sediment cleaned up in floodplains and riverbanks	0
Stand Alone Assessment	Acres Protected	54.5
	Number of contaminated residential yards cleaned up	0
	Human Health Exposures Avoided	750
	Number of workers on site	10

2.2 Planning Section

2.2.1 Anticipated Activities

Other than technical assistance, no additional field activities by EPA are anticipated. An Operations, Maintenance and Monitoring Plan is under development by a consultant to the City of Mount Clemens. The consultant will assist in monitoring the system.

2.2.1.1 Planned Response Activities

None

2.2.1.2 Next Steps

A Post Removal Site Control letter was sent to EPA by the City of Mount Clemens to operate, monitor and maintain the system on January 30, 2012. An Operations, Maintenance and Monitoring Plan is under development to ensure the proper operation and continued care of the system. The City will follow this plan in the future to ensure that the system is operating properly and controlling methane migration off site.

2.2.2 Issues

None

2.3 Logistics Section

N/A

2.4 Finance Section

2.4.1 Narrative

Task Order #0094 was issued to Environmental Quality Management, Inc. for \$90,000.00. On November 1, 2011, an increase of \$17,000.00 was verbally authorized to bring the total Emergency Rapid Removal

Service (ERRS) contractor budget to \$107,000.00.

Estimated Costs *

	Budgeted	Total To Date	Remaining	% Remaining
Extramural Costs				
ERRS - Cleanup Contractor	\$107,000.00	\$106,000.00	\$1,000.00	0.93%
Intramural Costs				
Total Site Costs	\$107,000.00	\$106,000.00	\$1,000.00	0.93%

* The above accounting of expenditures is an estimate based on figures known to the OSC at the time this report was written. The OSC does not necessarily receive specific figures on final payments made to any contractor(s). Other financial data which the OSC must rely upon may not be entirely up-to-date. The cost accounting provided in this report does not necessarily represent an exact monetary figure which the government may include in any claim for cost recovery.

2.5 Other Command Staff

2.5.1 Safety Officer

A Health and Safety Plan (HASP) was prepared for the project by the ERRS contractor.

2.5.2 Liaison Officer

N/A

2.5.3 Information Officer

The City of Mount Clemens Department of Public Services Director served as information officer for the project. A fact sheet was developed for the community and distributed to all residents of the Park Place Towers, Clinton Place Apartments, Sunset Manor Apartments, and Holiday Garden Apartments. The Michigan Department of Community Health will develop and distribute a final fact sheet.

3. Participating Entities

3.1 Unified Command

N/A

3.2 Cooperating Agencies

Agency for Toxic Substances and Disease Registry
U.S. Department of Housing and Urban Development
Michigan Department of Environmental Quality
Michigan State Housing Development Authority
Michigan Department of Community Health
Macomb County Health Department
City of Mount Clemens

4. Personnel On Site

The following staff were present for system start-up and testing:

U.S. EPA - 1
ERRS (Environmental Quality Management, Inc) - 1
City of Mt. Clemens - 1
AKT Peerless, Inc - 5
Shrader Environmental - 1

5. Definition of Terms

N/A

6. Additional sources of information

6.1 Internet location of additional information/report

<http://www.epaosc.org/formermountclemenslandfill>

6.2 Reporting Schedule

This is the final POLREP. No further reporting is anticipated.

7. Situational Reference Materials

N/A