United States Environmental Protection Agency
Region V
POLLUTION REPORT

Date: Friday, February 27, 2009
From: James Augustyn

To:

Jason El-Zein, USEPA	David Chung, OSWER
Kevin Clouse, Ohio EPA	Rick Karl, USEPA
Carol Ropski, ERB, ESS	Mike Chezik, DOI
Mark Durno, USEPA	James Morris, USEPA
Paul Ruesch, USEPA	Kurt Princic, OEPA
Lynn Sowers, OEPA	Scott Heidenreich, OEPA

Subject: Ongoing Excavation of the Isolation Break Between Landfill Cells 5 and 7.
Countywide Landfill
3619 Gracemont Street SE, East Sparta, OH
Latitude: 40.6717000
Longitude: -81.4314000

POLREP No.:	8	**Site #:**	B5FC
Reporting Period:	1/22/2009 - 2/27/2009	**D.O. #:**	
Start Date:	7/8/2008	**Response Authority:**	CERCLA
Mob Date:	7/8/2008	**Response Type:**	Time-Critical
Demob Date:		**NPL Status:**	Non NPL
Completion Date:		**Incident Category:**	Removal Action
CERCLIS ID #:	OHD000510155	**Contract #**	
RCRIS ID #:			

Site Description

The Countywide Landfill Site is located at 3619 Gracemont Street SW, East Sparta, Stark County, Ohio, 44626. For a more complete description of the site history and U.S. EPA enforcement, refer to POLREP #1.

Current Activities

For a description of the air monitoring protocols utilized by Republic contractors throughout the excavation of the Isolation Break between landfill cells 5 and 7, refer to POLREP #6.

As indicated in previous POLREPs, the excavation of the isolation break will proceed with the removal of 8 "decks" of waste, each approximately 10 feet in depth.

From January 22, 2009, through January 23, 2009, contractors continued to excavate eastwards across deck 4. Preliminary estimates indicate that approximately 18,780 cubic yards of municipal waste was relocated to the southern portion of cell 7. A maximum waste temperature of 136 degrees Fahrenheit was recorded. No refined aluminum waste or charred municipal waste was observed.

From January 26, 2009, through January 27, 2009, Republic contractors continued to excavate eastwards across deck 4. Preliminary estimates indicate that approximately 16,560 cubic yards of municipal waste was relocated to the southern portion of cell 7. A maximum waste temperature of 124 degrees Fahrenheit was recorded. No refined aluminum waste or charred municipal waste was observed.

On January 28, 2009, the isolation break excavation operations were suspended due to inclement weather, including snow and freezing rain.

From January 29, 2009, through January 30, 2009, Republic contractors continued to excavate eastwards across deck 4. Preliminary estimates indicate that total of 18,980 cubic yards of municipal waste was relocated to the southern portion of cell 7. A maximum waste temperature of 124 degrees Fahrenheit was recorded. No refined aluminum waste or charred municipal waste was observed.

From February 2, 2009, through February 6, 2009, Republic contractors completed excavation at the east side of deck 4 and began excavation at the west side of deck 5. Preliminary estimates indicate that total of 43,840 cubic yards of municipal waste was relocated to the southern and eastern portions of cell

7. A maximum waste temperature of 128 degrees Fahrenheit was recorded. Two super-sacks containing compacted baghouse dust material were uncovered on February 6, 2009, amongst the municipal solid waste in the eastern portion of deck 5. These two super-sacks were segregated into designated containers staged at cell 8a as potential refined aluminum waste. No charred municipal waste was observed.

On February 9, 2009, Republic contractors continued to excavate eastwards across deck 5. Preliminary estimates indicate that total of 8,740 cubic yards of municipal waste was relocated to the central portion of cell 7. A maximum waste temperature of 122 degrees Fahrenheit was recorded. No refined aluminum waste or charred municipal waste was observed.

From February 10, 2009, through February 13, 2009, the isolation break excavation operations were suspended due to inclement weather, including thawing of snow accumulation and rain.

From February 16, 2009, through February 17, 2009, Republic contractors continued to excavate on the eastern side of deck 5 and began excavation at the western side of deck 6. Preliminary estimates indicate that total of 18,760 cubic yards of municipal waste was relocated to the central portion of cell 7. A maximum waste temperature of 115 degrees Fahrenheit was recorded. Six super-sacks containing compacted baghouse dust material were uncovered on February 17, 2009, amongst the municipal solid waste in the western portion of deck 6. These six super-sacks were segregated into designated containers staged at cell 8a as potential refined aluminum waste. No charred municipal waste was observed.

From February 18, 2009, through February 19, 2009, the isolation break excavation operations were suspended due to inclement weather, including rain and snow.

On February 20, 2009, Republic contractors completed excavation at the east side of deck 5 and continued excavation at the west side of deck 6. Preliminary estimates indicate that total of 8,194 cubic yards of municipal waste was relocated to the eastern portion of cell 7. A maximum waste temperature of 114 degrees Fahrenheit was recorded. Three super-sacks containing compacted baghouse dust material were uncovered on February 20, 2009, amongst the municipal solid waste in the western portion of deck 6. These three super-sacks were segregated into designated containers staged at cell 8a as potential refined aluminum waste. No charred municipal waste was observed.

From February 23, 2009, through February 25, 2009, Republic contractors completed excavation at the east side of 6 and continued excavation at the western side of deck 7. Preliminary estimates indicate that total of 22,151 cubic yards of municipal waste was relocated to the northeastern portion of cell 7. A maximum waste temperature of 129 degrees Fahrenheit was recorded, collected from baghouse dust material on February 24, 2009. Three super-sacks containing compacted baghouse dust material were uncovered on February 24, 2009, amongst the municipal solid waste in the eastern portion of deck 6. These three super-sacks were segregated into designated containers staged at cell 8a as potential refined aluminum waste. No charred municipal waste was observed.

From February 26, 2009, through February 27, 2009, the isolation break excavation operations were suspended due to inclement weather, including heavy rain.

As of February 27, 2009, preliminary estimates indicate that a grand total of approximately 360,945 cubic yards of municipal waste has been excavated from the footprint of the isolation break between cells 5 and 7 to-date. The excavated waste was relocated and spread out across cell 7, as detailed in the Isolation Break Excavation Work Plan. Waste relocation is anticipated to continue in this manner throughout the duration of the excavation of the isolation break.

Republic contractors have transported an estimated total of 117,266 cubic yards of clay cover to the isolation break excavation and cell 7 waste relocation areas to-date. The clay cover material is utilized to cover the municipal waste during off-hours as an odor control measure.

Next Steps

When weather improves, U.S. EPA, Ohio EPA, and Republic will conduct a physical inspection of the 39-acre area where new FML has been installed to ensure complete coverage of the area and document existing conditions. In addition, existing FML placed over the original 30-acre reaction area will be inspected to ensure it remains adequate.

Republic contractors will continue the excavation and construction of the "isolation break" as detailed in the Isolation Break Excavation Work Plan. The proposed isolation break is intended to establish a physical separation of landfill cells 7-16 from the original 88-acres (cells 1-6), preventing the northward

migration of reaction-generated heat, liquids and gases that have been documented during AOC activities. The isolation break will require excavation and relocation of approximately 385,000 cubic yards of waste material from landfill cells 4b, 5b, 5c and 7, along with the installation of new and replacement gas extraction wells, sub-cap drains and toe drains to intercept reaction-generated gases and liquids. The project is anticipated to be completed by mid-Spring 2009.

The remainder of the construction activities included in the Landfill Cover and Long-term Capping Plan are anticipated to resume in Spring 2009. This activity will include the construction of a composite cover over Cells 1, 2 and 3. In addition, enhancements to existing sections of temporary cover and sub-cap drains will be constructed throughout Cells 1-6.

A detailed operations and maintenance plan is under development to ensure continued care of the entire 88 acre "remediation area." This plan will include both performance and monitoring measures for all engineered components (such as drains, gas wells, sumps, tanks, liner, leachate lines and flares) of the area, which are required to control the intrusion of oxygen and water into the cells 1-6 and prevent the escape of gas emissions, odors and leachate. This plan is intended to ensure that the measures implemented pursuant to the Settlement Agreement remain in place and operational into the future.

Key Issues

The baghouse dust uncovered in isolation break decks 5 and 6 is suspected to contain refined aluminum waste and has been segregated into 30-yd roll-off containers temporarily staged in cell 8a. Disposal options will be evaluated after the completion of isolation break excavation operations.

Estimated Costs *

	Budgeted	Total To Date	Remaining	% Remaining
Extramural Costs				
RST/START	$116,000.00	$100,400.00	$15,600.00	13.45%
Intramural Costs				
Total Site Costs	$116,000.00	$100,400.00	$15,600.00	13.45%

* 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.