

United States Environmental Protection Agency
Region V
POLLUTION REPORT

Date: Friday, June 6, 2008

From: Brian Kelly

To: Mick Hans, U.S. EPA

Maureen Pfund, Monroe County Health
Department

Subject: Initial / Final POLREP

Milan Mercury Spill

Milan, MI

Latitude: 42.0000000

Longitude: -83.6000000

POLREP No.: 1

Site #: B5PF

Reporting Period: 06/01/2008 - 06/04/2008

D.O. #:

Start Date: 6/1/2008

Response Authority: CERCLA

Mob Date: 6/1/2008

Response Type: Emergency

Demob Date: 6/4/2008

NPL Status: Non NPL

Completion Date: 6/4/2008

Incident Category: Removal Action

CERCLIS ID #:

Contract #

RCRIS ID #:

Site Description

June 1, 2008, a mercury spill of approximately 5 pounds occurred in Milan, Michigan.

After the residents attempted to clean the spill with rags and a vacuum cleaner, they called 911. The Milan Police and Fire Departments secured the scene and contacted the Washtenaw County HAZMAT Team (WCHT). WCHT decontaminated the residents and request U.S. EPA assistance. Mercury levels in the house ranged as high as 53,000 ng/m3 (residential occupancy level is 1,000 ng/m3).

Based on the mercury levels the Monroe County Health Department found the house to be a public health hazard and the Milan Building and Zoning Department condemned the residence. Emergency assistance including food and shelter was provided to the residents by the American Red Cross.

Current Activities

Between June 1 and June 4, U.S. EPA removed visible mercury, carpeting, floor tile, kitchen sink piping, and household items. Attempts were made to decontaminate household items above 10,000 ng/m3. Items which remained above 10,000 ng/m3 were photographed and placed in a roll-off box for disposal.

June 4, mercury levels inside the residence were determined to be below 1,000 ng/m3. After consultation with the Monroe County Health Department, the residents were allowed to return. U.S. EPA replaced carpeting, tile, and kitchen sink piping before demobilizing. The roll-off box containing mercury-contaminated items was shipped to EQ in Belleville, Michigan. Disposal is pending on the elemental mercury.

Planned Removal Actions

Cleanup Complete

Next Steps

Dispose of elemental mercury.

Disposition of Wastes

Waste Stream	Quantity	Manifest #	Disposal Facility
Mercury Contaminated items (D009)	24 yards		EQ located in Belleville, Michigan
Elemental Mercury (D009)			Pending

