United States Environmental Protection Agency
Region V
POLLUTION REPORT

Date: Thursday, October 4, 2007
From: Brian Kelly

To:

Linda M. Nachowicz, U.S. EPA	Jason El-Zein, U.S. EPA
Mark Durno, EPA	Reginald Pallesen, EPA
Valerie Mullins, EPA	David Chung, U.S. EPA - HQ
David Novak, U.S. EPA	Carol Ropski, EPA
Tracy Johnson, U.S. EPA	Mick Hans, U.S. EPA
John Maritote, U.S. EPA	Michael Chezik, U.S. DOI
Thomas Baker, U.S. NPS	Amy Keranen, MDEQ
Joe Walczak, MDEQ	Jack Dueweke, EMO
Jeff Binkley, Weston Solutions	N Seif, MDEQ
NRC Duty Officer, USCG	Bruce VanOtteren, MDEQ
Milton Scales, MDEQ - EMC	Leonard Switzer, MDEQ

Subject: Initial / Final POLREP
C & H Machine Shop
56877 Mine St, Calumet, MI
Latitude: 47.2370000
Longitude: -88.4510000

POLREP No.:	1	**Site #:**	B5KA
Reporting Period:		**D.O. #:**	
Start Date:	5/29/2007	**Response Authority:**	CERCLA
Mob Date:		**Response Type:**	Time-Critical
Demob Date:		**NPL Status:**	Non NPL
Completion Date:	10/3/2007	**Incident Category:**	Removal Action
CERCLIS ID #:	MIN000510204	**Contract #**	
RCRIS ID #:			

Site Description
The C&H Machine Shop building and surrounding properties (Site) consists of a series of 15 parcels located in an area bound by Mine Street, Sixth Street, and Red Jacket Road in Calumet, Houghton County, Michigan, in a mixed residential, industrial, and commercial area.

The C&H Machine Shop supported the operations of the Calumet and Hecla Mine Company beginning in the late 1800's to early 1900's. Machining operations have been conducted in the former C&H Machine Shop building on Parcel 9 since that time. More recently the building has been used primarily as storage and as a lumber and paint supply company (Rudy's Paint and Lumber).

Inside the building were 1,950 containers including 55-gallon drums, paint cans, oil cans, antifreeze containers, mineral spirits, used oil, cleaners, and solvents.

MDEQ requested U.S. EPA assistance in removal of these containers.

Current Activities
On July 10, 2007, U.S. EPA met with C&H Machine shop owner owner Rudy Kump, and representatives of Keweenaw National Historical Park (U.S. National Park Service) KNHP, Calumet Township Supervisor Paul Lehtlo, and the Michigan Department of Environmental Quality (MDEQ) Hank Switzer to discuss cleanup options.

During the meeting there was concern expressed about soil contamination on the C&H Machine Shop parcel and the other 14 adjacent parcels.

During the months of July through September, the site owner voluntarily completed removal of containerized wastes with the exception of paint cans. The owner has entered into a donation agreement

with Habitat for Humanity, which as agreed to accept the paint.

During this same period, U.S. EPA conducted soil sampling along the perimeter of the building, and reviewed previous sample results provided by the U.S. National Park Service.

On September 11, 2007, a second stakeholder meeting was held at the Calumet Municipal Building. It was determined that soil results did not show an imminent and substantial threat, with the exception of a 10ft X 5ft area (delineated with XRF screening) near the C&H Machine Shop building. The site owner covered this area with asphalt.

During the week of October 1, 2007, U.S. EPA completed oversight of the owner's voluntary removal.

Planned Removal Actions
None

Next Steps
1) Amend TDD to complete final report.
2) Issue final report to stakeholders.

Key Issues
Contamination within the C&H Machine Shop building, such as lead and PCB staining, did not present a threat outside the building and were not addressed.

The project was a voluntary PRP-lead. Had the project been fund-lead the estimated cleanup cost would have been $250,000.

Estimated Costs *

	Budgeted	Total To Date	Remaining	% Remaining
Extramural Costs				
START	$41,700.00	$41,659.00	$41.00	0.10%
START Analytical	$2,995.00	$1,514.00	$1,481.00	49.45%
Intramural Costs				
Total Site Costs	$44,695.00	$43,173.00	$1,522.00	3.41%

* 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.

Disposition of Wastes
1,950 containers removed by the owner through recycling, disposal, and donation.

response.epa.gov/C&Hmachineshop

POLREP #1 Last Updated 10/4/2007