

**United States Environmental Protection Agency  
Region V  
POLLUTION REPORT**

**Date:** Wednesday, August 10, 2005

**From:** Jon Gulch

<b>To:</b> David Chung, U.S. EPA	Richard Karl, U.S. EPA
Linda Nachowicz, U.S. EPA	Jason El-Zein, U.S. EPA
Afif Marouf, U.S. EPA	Stuart Hill, U.S. EPA
John Maritote, U.S. EPA	Maria Gonzalez, U.S. EPA
Elissa Speizman, U.S. EPA	Phil Hoffman, U.S. EPA
Kaushalya Khanna, U.S. EPA	Phillippa Cannon, US EPA
Mary Canavan, US EPA	Mel Moore, Wayne Fire Department
David Allison, Romulus Fire Department	Gary Zikovitz, Environment Canada
Duty Officer, USCG	Tim Curry, USEPA Region7
Mark Thomas, USEPA	Mark Johnson, ATSDR

**Subject:** Initial Pollution Report  
EQ Resource Recovery  
36345 Van Born Road, Romulus, MI  
Latitude: 42.2654150  
Longitude: -83.3955830

<b>POLREP No.:</b> 1	<b>Site #:</b>
<b>Reporting Period:</b> August 9-10, 2005	<b>D.O. #:</b>
<b>Start Date:</b> 8/9/2005	<b>Response Authority:</b> CERCLA
<b>Mob Date:</b> 8/9/2005	<b>Response Type:</b> Emergency
<b>Demob Date:</b>	<b>NPL Status:</b> Non NPL
<b>Completion Date:</b>	<b>Incident Category:</b> Removal Action
<b>CERCLIS ID #:</b>	<b>Contract #</b>
<b>RCRIS ID #:</b>	

#### **Site Description**

The EQ Resource Recovery chemical fire is located at 36345 Van Born Rd., Romulus, MI (Latitude 42.1581 & Longitude -83.2388). The evacuation area, which includes about 900 homes, includes the areas surrounded by Cogswell to Wayne Rd. and Van Born Rd. to Annapolis Rd. The Incident Command and the EPA Command Post are located on Treadwell.

#### **Current Activities**

On August 9, 2005, EPA mobilized to the EQ Resource Recovery facility to assist local police, fire, and HAZMAT teams with response activities to a chemical explosion and fire. EPA mobilized its mobil command post and air trailer along with the Superfund Technical Assessment and Response Team (START). Personnel worked in conjunction with HAZMAT and fire teams to conduct air monitoring throughout impacted residential areas. Approximately 900 residents were evacuated, businesses in the vicinity of the fire were closed, and Van Born Rd. was closed.

On August 10, 2005, air monitoring activities continue. EPA mobilized the EPA-Emergency Response Team (ERT) Trace Atmosphere Gas Analyzer (TAGA) air sampling bus to the site. EPA began conducting air monitoring throughout the evacuation area with the Rapid Assessment Tool (RAT). RAT is being deployed every two hours to collect real time air monitoring results in the affected area. RAT is monitoring for VOCs, O<sub>2</sub>, LEL, H<sub>2</sub>S, CO, and particulates. AreaRaes were deployed at five locations throughout the evacuation area. AreaRaes are constantly monitoring the air for VOCs, O<sub>2</sub>, LEL, H<sub>2</sub>S, and CO. The U.S. EPA ASPECT air sampling plane completed two missions over the area. START conducted two level B PPE entries to collect two air samples from the exclusion zone, collected six wipe samples from residents with visual debris fallout, two air samples from upwind and downwind of the fire plume for ERT laboratory analysis.

On August 11, 2005, air monitoring activities continue. TAGA air sample analysis begins.

#### **Planned Removal Actions**

EQ will begin conducting a clean up on August 11, 2005. EPA will oversee clean up activities and continue air monitoring.

**Next Steps**

- 1.Continue TAGA air sampling
- 2.Continue RAT and AreaRae air monitoring
- 3.Conduct oversight of clean up activities

**Key Issues**

None.

**Estimated Costs \***

	<b>Budgeted</b>	<b>Total To Date</b>	<b>Remaining</b>	<b>% Remaining</b>
<b>Extramural Costs</b>				
<b>Intramural Costs</b>				
<b>Total Site Costs</b>	\$0.00	\$0.00	\$0.00	0.00%

\* 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.

[response.epa.gov/EQResourceRecovery](http://response.epa.gov/EQResourceRecovery)

POLREP #1 Last Updated 8/11/2005