

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

Date: Monday, May 23, 2005

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Subject: Final Polrep
Lacamas Explosion/Fire
3625 N Suttle Rd., Portland, OR
Latitude: 45.6131000
Longitude: -122.7056000

POLREP No.:	4 Site #:	10DL
Reporting Period:	D.O. #:	
Start Date:	Response Authority:	CERCLA
Mob Date:	Response Type:	Emergency
Demob Date:	NPL Status:	Non NPL
Completion Date:	Incident Category:	Removal Action
CERCLIS ID #:	Contract #	
RCRIS ID #:		

Current Activities

Stored water from parking lot: Analytical on this water demonstrated that the water is not a characteristic hazardous waste and nearly meets the discharge parameters of the City of Portland. The water is being pumped through an oil/water separator, followed by activated carbon. The polished water is being discharged to the sanitary sewer as approved by the City of Portland BES.

Contaminated soil and catch basin debris: The soil and catch basin debris have been stored in a rolloff bin.

Damaged product: Damaged product that is usable by Lacama Labs is being overpacked and handed over to Lacamas Labs for storage. Damaged product that is not usable is being placed into drums and is being staged near the Baker Tanks.

Planned Removal Actions

Stored water from parking lot: Any oil recovered from the oil water separator will be managed as used oil and delivered to Oil Re-Refining for recycling.

The spent activated carbon will be tested to determine if it is characteristically hazardous. If it is hazardous

it will probably have to be incinerated in a RCRA permitted incinerator because of the organic constituents. If the carbon is non-hazardous, then it will be sent to a Subtitle D landfill.

Water will continue to be pumped into tanks and treated until the parking lot has been cleaned, and the water tested. The results of the cleaned parking lot water will be submitted to ODEQ. Storm water will not be allowed to go offsite until ODEQ gives approval for discharge.

Contaminated soil and catch basin debris: The soil and catch basin debris will be tested to determine if it is characteristically hazardous. If it is hazardous it will either go to a Subtitle C landfill or RCRA permitted incineration. If the soil and catch basin debris is non-hazardous, then it will be sent to a Subtitle D landfill.

Damaged product: After removing all chemicals from the buildings, a proper hazardous waste determination will be done on all of the waste products. This determination will consist of the following determinations:

1. Ignitable
2. Corrosivity
3. Reactivity
4. Toxicity (based on MSDS and generator knowledge for products)
5. Spent Solvent
6. Unused Commercial Chemical Product (based on MSDS and generator knowledge).

Damaged product that is not hazardous will be sent to a Subtitle D landfill. Damaged product that is hazardous waste will either go to a Subtitle C landfill or RCRA permitted incinerator.

Cylinders: Cylinders will be sent back to the vendor that supplied them.

Demolition debris: Uncontaminated demolition debris will be sent to a demolition landfill.

Metal from Building 1: The metal from building 1 was contaminated with oil and with volatile organic compounds (VOCs). The VOCs evaporate and leave no residue so wipe sampling is not useful for detecting them. In addition, there have been approximately 4 days of rainfall so there is minimal oil contamination on the metal. The metal will be sent for recycling. Any metal found that has more than trace amounts of oil will be wiped with rags or pads prior to loading in a recycling rolloff bin.

Contaminated debris from Building 1: Non-metallic debris that is either soaked in oil or covered with spilled chemicals will be sent to a Subtitle D landfill as opposed to the Demolition landfill.

Transportation: Hazardous waste will be shipped offsite using a licensed hazardous waste transporter. The truck will be scheduled when all wastes to be shipped at that time have an active profile. A hazardous waste manifest, a land disposal restriction form will be completed prior to shipment. All wastes will be in U.N. approved shipping containers and properly labeled and marked prior to shipment.

Non-hazardous wastes will be shipped offsite using licensed transporters. All wastes to be shipped will have been approved by the disposal facility prior to shipment. Wastes will be placed into containers that are in good condition.

Wastes onsite prior to explosion: Wastes that were already onsite prior to the explosion will be managed by Lacamas Labs using their regular waste service providers. These containers will be checked for integrity and properly labeled in the event that the labels were damaged during the explosion and fire.

Estimated Costs *

	Budgeted	Total To Date	Remaining	% Remaining
Extramural Costs				
RST/START	\$10,000.00	\$4,300.00	\$5,700.00	57.00%
Intramural Costs				
USEPA - Direct (Region, HQ)	\$10,000.00	\$1,800.00	\$8,200.00	82.00%
Total Site Costs	\$20,000.00	\$6,100.00	\$13,900.00	69.50%

* 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/lacamas_fire

POLREP #4 Last Updated 5/31/2005