

United States Environmental Protection Agency
Region I
POLLUTION REPORT

Date: Tuesday, October 9, 2007

From: Ted Bazenas

Subject: Murphy Property, 263 Salem Street Site
263 Salem Street, Woburn, MA

POLREP No.:	2	Site #:	01DL
Reporting Period:	9/1/2007 - 10/5/2007	D.O. #:	0068
Start Date:	8/27/2007	Response Authority:	CERCLA
Mob Date:	8/27/2007	Response Type:	Time-Critical
Demob Date:		NPL Status:	Non NPL
Completion Date:		Incident Category:	Removal Action
CERCLIS ID #:	MAN000105449	Contract #	68-W-03-037
RCRIS ID #:			

Site Description

The Murphy Property, 263 Salem Street Site occupies approximately one acre in a primarily commercial area of Woburn Massachusetts. It is an inactive, privately owned waste oil hauling and storage facility. The total storage capacity at the property is approximately 123,000 gallons. It has not been in operation since approximately 1987. The property owner of record is deceased; the executrix of the estate is Joan Murphy, the spouse of the deceased owner.

A two story residence on the property appears to have been more recently occupied. Currently, the property is inactive and unoccupied.

The structures on the property include a two-story residence and a separate workshop/garage behind the residence. There are eight bulk storage containers, ranging in size from one 75,000 gallon bunker to several 1000 gallon above-ground or partially buried storage tanks. The total storage capacity is approximately 123,000 gallons. However, it is estimated that less than 1000 gallons of liquid remain in the storage tanks, and much of that is water.

EPA collected soil samples at the site on 23 August, 2006. Laboratory analysis indicates that polychlorinated biphenyls (PCBs) have been found in surface soils and bulk containers at levels as high as 10,650 parts per million (ppm) in surface soil; in addition, levels of lead as high as 37,000 ppm were found in surface soils. The Massachusetts Contingency Plan (MCP) identifies soil direct contact threat concentration limits for PCBs as 2 ppm, and for lead as 300ppm.

Current Activities

Site activities have included removing the contents and cleaning out the 75K and 15K bunkers and Tank Nos. 1 and 2. Approximately 45 tons of lead contaminated soil has been excavated and loaded out for disposal. The ERRS contractor continues to excavate and stage PCB contaminated soils before being shipped off-site for disposal.

Massachusetts DEP and their contractors have removed the contents, cleaned and removed Tank Nos. 4, 5, and 6 from the site. Tank No. 3 has had its contents removed and cleaned and is awaiting removal.

Planned Removal Actions

The ERRS contractor will continue to excavate soils surrounding Tank Nos. 1, 2, and 3 to facilitate their removal and disposal. Note that Massachusetts DEP will arrange for the removal of all tanks (scrap steel) off site.

Key Issues

Coordination with the local fire department and the Massachusetts DEP is essential to the completion of the cleanup.

Estimated Costs *

	Budgeted	Total To Date	Remaining	% Remaining
Extramural Costs				
ERRS - Cleanup Contractor	\$750,000.00	\$200,000.00	\$550,000.00	73.33%
RST/START	\$250,000.00	\$63,000.00	\$187,000.00	74.80%
Intramural Costs				
USEPA - Direct (Region, HQ)	\$100,000.00	\$0.00	\$100,000.00	100.00%
Total Site Costs				
	\$1,100,000.00	\$263,000.00	\$837,000.00	76.09%

* 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/MurphyProperty

POLREP #2 Last Updated 10/9/2007