

United States Environmental Protection Agency
Region I
POLLUTION REPORT

Date: Tuesday, January 15, 2008

From: Ted Bazen

Subject: Final POLREP - Cleanup Complete
Murphy Property, 263 Salem Street Site
263 Salem Street, Woburn, MA

POLREP No.:	3	Site #:	01DL
Reporting Period:	thru 11/29/2008	D.O. #:	0068
Start Date:	8/27/2007	Response Authority:	CERCLA
Mob Date:	8/27/2007	Response Type:	Time-Critical
Demob Date:	11/2/2007	NPL Status:	Non NPL
Completion Date:	11/29/2007	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, but it has not been in operation since approximately 1987. The executrix of the estate is Joan Murphy, the spouse of the deceased owner.

The structures on the property include a two-story residence and a separate workshop/garage behind the residence. The two story residence on the property appears to have been occupied within the last few years. but currently, the property is inactive and unoccupied.

There are several bulk storage containers, ranging in size from one 75,000 gallon bunker to several above-ground or partially buried storage tanks, each holding several thousand gallons. The total storage capacity is approximately 123,000 gallons. At the time of the initial site investigation, it was estimated that less than 2000 gallons of liquid remained in the storage tanks, and much of that is water.

EPA collected soil samples at the site on 23 August, 2006 for the preliminary site investigation. Laboratory analysis indicated that polychlorinated biphenyls (PCBs) have been found at levels as high as 10,650 parts per million (ppm) in surface soil. Levels of lead as high as 37,000 ppm were also 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

From October 15 to November 02, the EPA contractor crews continued and completed load out of contaminated soil and drums of contaminated oil. Excavated areas were backfilled with clean material, covered in loam, and seeded. Erosion matting was placed on slopes to prevent soil wash out.

In addition, 23 drums of non-contaminated oil removed from the site on October 02, 2007. The removal and disposal of these drums was managed and was funded by the MADEP.

On November 02, site activities were completed and all contractor owned equipment was demobilized from the site.

On November 29, 2007, the EPA and the ERRS contractor performed a final site walkthrough.

Planned Removal Actions

All removal actions for this site have been completed.

Next Steps

Longterm management of the site will be remanded to the MADEP.

Key Issues

The contributions of the MADEP toward managing and funding the removal and disposal of uncontaminated oil facilitated the cleanup operation.

The Woburn Fire Department Prevention Office provided timely turnaround for UST permits and cutting torch permits.

Disposition of Wastes

Approximately 683 tons of PCB contaminated soil was shipped to CVM Chemical Services in Model City, NY.

One shipment (4260 gallons) of water was shipped to Seamass/Covanta in West Wareham, MA.

One shipment (2640 gallons) of PCB contaminated water was sent to CWM Chemical Services in Model City, NY.

Approximately 45 tons of oil contaminated soil was sent to ESML in Loudon, NH.

One drum of flammable liquid was sent to Marisol Inc in Middlesex, NJ.

Fifty drums of PCB and lead contaminated oil was sent to Veolia Technical Solutions in Flanders, NJ

response.epa.gov/MurphyProperty