

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

Date: Thursday, July 9, 2009
From: Mike Barry

Subject: Continuation of Action
Aranco Tanker Rollover
Rt 95 North Bound, Newburyport, MA
Latitude: 42.8275000
Longitude: -70.9158000

POLREP No.:	4	Site #:	Z1BY
Reporting Period:	7/7 1300 hrs to 7/9 1700 hrs	D.O. #:	
Start Date:	7/7/2009	Response Authority:	OPA
Mob Date:	7/6/2009	Response Type:	Emergency
Demob Date:	7/6/2009	NPL Status:	Non NPL
Completion Date:		Incident Category:	
CERCLIS ID #:		Contract #	
RCRIS ID #:		Reimbursable Account #	
FPN#	E09110		

Site Description

Monday July 6, 2009: At approximately 9 am, a tanker truck was involved in an accident on Route 95N in Newburyport, MA. As a result, the truck released approximately 8,600 gallons of gasoline onto the road. The gasoline flowed into the storm drain and an unknown amount entered the Merrimack River.

Current Activities

Since POLREP #3:

Spill volume:

Total gasoline onboard was 10,200 gallons; 1050 were pumped off and 400 gallons have been removed in the fractionalization tank from river and catch basin pumping operations for a total of 8850 gallons still unaccounted for.

Source Area:

- Contaminated soil removal continues, approximately 500 cuyd of contaminated soil has been removed to date.
- The contaminated soil is area is bigger and deeper than originally expected due to sandy soils.
- This work continues from 0400-1200 daily; MASS Highway requires operations to cease at 1400 daily to fully open I-95 northbound.
- Several Geoprobe have been advanced in the spill area to characterize any impact on groundwater and to place recovery wells, but haven't reached the water table yet.
- One monitoring well has been placed in the adjacent residential area to assess groundwater.

Storm Sewer:

- Working on removing contaminated liquids and solids from the 12 catch basins; sand was dumped into catch basins during the incident to mitigate gasoline infiltration.

Merrimack River/riverbank area:

- Booming and cleanup operations continue as before.
- Sheen at the outflow is longer observed and the riverbank has less gasoline residue than before.

Planned Removal Actions

Source Area:

- Continue soil removal.
- Advance recovery wells pending Geoprobe findings.

Storm Sewer:

- Continue clearing contaminated material.

River and riverbank:

-Continue containment and sorbent booming operations.

Next Steps

-Install recovery wells in release area and monitor product recover.

-Assess the benefit of flushing the storm sewer once catch basins are cleaned, given the significant rain events this past week.

Key Issues

-Requirement for full use of I-95 in the afternoon limits source area and storm sewer operations to 0400-1200 daily.

-An unknown, but potentially significant portion of the release may be in the release area soil and infiltrate to the groundwater surface.

-Significant and at time intense rainfall has impacted operations.

Estimated Costs *

	Budgeted	Total To Date	Remaining	% Remaining
Extramural Costs				
ERRS - Cleanup Contractor	\$10,000.00	\$10,000.00	\$0.00	0.00%
RST/START	\$20,000.00	\$10,000.00	\$10,000.00	50.00%
Intramural Costs				
USEPA - Direct (Region, HQ)	\$10,000.00	\$5,000.00	\$5,000.00	50.00%
USEPA - InDirect	\$10,000.00	\$1,000.00	\$9,000.00	90.00%
Total Site Costs				
	\$50,000.00	\$26,000.00	\$24,000.00	48.00%

* 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/ArancoTankerRollover

POLREP #4 Last Updated 7/9/2009