

**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

<b>POLREP No.:</b>	4	<b>Site #:</b>	Z1BY
<b>Reporting Period:</b>	7/7 1300 hrs to 7/9 1700 hrs	<b>D.O. #:</b>	
<b>Start Date:</b>	7/7/2009	<b>Response Authority:</b>	OPA
<b>Mob Date:</b>	7/6/2009	<b>Response Type:</b>	Emergency
<b>Demob Date:</b>	7/6/2009	<b>NPL Status:</b>	Non NPL
<b>Completion Date:</b>		<b>Incident Category:</b>	
<b>CERCLIS ID #:</b>		<b>Contract #</b>	
<b>RCRIS ID #:</b>		<b>Reimbursable Account #</b>	
<b>FPN#</b>	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 Geoprobes 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 times intense rainfall has impacted operations.

[response.epa.gov/ArancoTankerRollover](https://response.epa.gov/ArancoTankerRollover)