

**United States Environmental Protection Agency**  
**Region 1**  
**POLLUTION REPORT**

**Date:** Tuesday, January 04, 2005  
**From:** Mia C. Pasquerella, OSC  
**Subject:** 3 and Final  
Aerovox  
740 Belleville Ave, New Bedford, MA

<b>POLREP No.:</b>	3	<b>Site #:</b>	0120
<b>Reporting Period:</b>		<b>D.O. #:</b>	
<b>Start Date:</b>	4/21/2004	<b>Response Authority:</b>	CERCLA
<b>Mob Date:</b>	4/21/2004	<b>Response Type:</b>	TC
<b>Completion Date:</b>	12/30/2004	<b>NPL Status:</b>	Non NPL
<b>CERCLIS ID #:</b>	MAN000103307	<b>Incident Category:</b>	Removal Action
<b>RCRIS ID #:</b>		<b>Contract #</b>	

**Site Description**

The Site is located at 740 Belleville Ave in New Bedford, Massachusetts at 41°40.466' north latitude and 70°55.216' west longitude.

From 1978 to 2001, Aerovox manufactured electrical capacitors at the facility. The plant is a three-floor, flat-roof, brick building containing approximately 450,000 square feet. The first floor was generally used for storage, and the second and third floors were used for capacitor manufacturing. All use of PCB-contaminated oil occurred prior to 1978, before Aerovox owned and operated the facility. In 2001, operations relocated to a new facility pursuant to an Administrative Order On Consent (AOC) entered into with EPA in September 1999.

Sampling conducted by the Potentially Responsible Party (PRP) has documented the presence of PCB contamination in the rinse water used to decontaminate various pieces of machinery previously in the building. The rinse water data indicates concentrations as high as 170 parts per million (ppm). The rinse water was stored in drums staged in the shipping and receiving area of the facility. Other hazardous materials present in the drums included PCB contaminated personal protective gear, solvents, acids, etc. In addition, there were some compressed gas cylinders located throughout the facility. The cap on the eastern end of the facility was cracked with vegetation growing through it. The vegetation has been removed and the cracks have been filled.

**Current Activities**

All drums and containers staged on the first floor of the facility have been removed from the site and disposed of at approved facilities. The tanks that needed further investigation were opened and found to be empty.

The Army Corps is currently utilizing the site as an access point for the New Bedford Harbor dredging project. A sludge treatment system is being staged on a portion of the previously capped area to facilitate ongoing work by EPA’s remedial program in the New Bedford Harbor. Due to time constraints and the location of the treatment system, the removal program has addressed most of the original area while enabling the sludge treatment system to remain in place. The vegetation has been removed from the cracks and the cracks have been filled.

The ERRS contractor completed work, secured, and demobilized from the site on November 17, 2004. In December 2004, The City of New Bedford performed a final site walk to ensure that all removal issues were addressed. As a part of the continued maintenance of the building, they have installed a new security system. MADEP declined the offer to perform a final site walk.

In the Spring, the OSC and the remedial project manager (RPM) will evaluate the effectiveness of the repaired cap and determine whether the remaining cap area will be addressed in a similar fashion. Under post removal site controls, the remedial program will perform any additional work to ensure the integrity of the cap.

**Planned Removal Actions**

The removal action is complete.

**Next Steps**

The City of New Bedford will be responsible for future monitoring of the Site. They will work with MADEP and local fire and police departments to prevent unauthorized site access.

**Key Issues**

None identified at this time.

**Estimated Costs \***

	Budgeted	Total To Date	Remaining	% Remaining
<b>Extramural Costs</b>				
ERRS - Cleanup Contractor	\$325,000.00	\$282,400.00	\$42,600.00	13.11%
RST/START	\$100,000.00	\$25,500.00	\$74,500.00	74.50%
<b>Intramural Costs</b>				
USEPA - Direct (Region, HQ)	\$75,000.00	\$14,000.00	\$61,000.00	81.33%
USEPA - InDirect	\$20,265.00	\$3,783.00	\$16,482.00	81.33%

<b>Total Site Costs</b>	\$520,265.00	\$325,683.00	\$194,582.00	37.40%

\* 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.

### Disposition of Wastes

<b>Waste Stream</b>	<b>Quantity</b>	<b>Manifest #</b>	<b>Disposal Facility</b>
Non DOT, Non RCRA Regulated Material	900 lbs	MAQ630961	Jones Environmental Services (NE), Inc.
Non DOT, Non RCRA Regulated Material	2200 lbs	MAQ630961	Jones Environmental Services (NE), Inc.
Non DOT, Non RCRA Regulated Material	495 gal	MAQ630961	Jones Environmental Services (NE), Inc.
Non DOT, Non RCRA Regulated Material	20 gal	MAQ630961	Jones Environmental Services (NE), Inc.
Waste Amines Liquid, Corrosive, n.o.s. (Tertiary Amine)	1800 lbs	MAQ630962	Jones Environmental Services (NE), Inc.
Waste Caustice Alkali Liquids, n.o.s. (Sodium Hydroxide)	660 gal	MAQ630962	Jones Environmental Services (NE), Inc.
Corrosive Solid, Basic, Inorganic, n.o.s. (Sodium Hydroxide)	500 lbs	MAQ630962	Jones Environmental Services (NE), Inc.
Isocyanates, Toxic, n.o.s. (Polymeric Isocyanate)	15 gal	MAQ630962	Jones Environmental Services (NE), Inc.
RQ, Hazardous Waste Liquid, n.o.s. (Trichloroethylene)	330 gal	MAQ630964	Jones Environmental Services (NE), Inc.
RQ, Hazardous Waste Solid, n.o.s. (Trichloroethylene)	300 lbs	MAQ630964	Jones Environmental Services (NE), Inc.
Non DOT, Non RCRA Regulated Material	275 gal	MAQ630964	Jones Environmental Services (NE), Inc.
Non DOT, Non RCRA Regulated Material	250 lbs	MAQ630964	Jones Environmental Services (NE), Inc.
Non DOT, Non RCRA Regulated Material	3000 lbs	MAQ630965	Jones Environmental Services (NE), Inc.

Non DOT, Non RCRA Regulated Material	1200 lbs	MAQ630965	Jones Environmental Services (NE), Inc.
Non DOT, Non RCRA Regulated Material	1200 lbs	MAQ630965	Jones Environmental Services (NE), Inc.
Waste Paint Related Material	800 lbs	MAQ630966	Pollution Control Industries
Hazardous Waste, Liquid, n.o.s. (Petroleum Liquid)	3130 gal	MAQ630966	United Oil Recovery
Non-DOT, Non-RCRA regulated Material	1000 lbs	MAQ630999	Jones Environmental Services (NE), Inc.
State Regulated Waste Oil	55 gal	MAQ368146	General Chemical Corporation
State Regulated Oily Solids	100 lbs	MAQ368146	General Chemical Corporation
Non RCRA, Non DOT Regulated Material (Latex Paint)	2000 lbs	MAQ368146	General Chemical Corporation
Combustible Liquids, n.o.s. (Oil Based Paint/Adhesives/Stains)	1000 lbs	MAQ368146	General Chemical Corporation
Non Dot, Non RCRA Regulated Material (Empty Drums L/C, Transformer Oil w. PCBs)	7000 lbs	MAQ368146	Transformer Service, Inc.
RQ, Polychlorinated Biphenyls (PCB), Solid	7750 kg	MI9559017	Michigan Disposal Waste Treatment Plant
Waste, Isocyanates, Toxic, Flammable, n.o.s. (Diphenylmethane Diisocyanate)	5 lbs	NJA5078821	Cycle Chem Inc.
RQ, Waste, Flammable Liquid, Toxic, n.o.s. (Methanol/Toluene)	55 gal	NJA5078822	Cycle Chem Inc.
RQ, Waste Aerosols	200 lbs	NJA5078822	Cycle Chem Inc.
Waste, Amines, Liquid, Corrosive, Flammable, n.o.s. (Triethylamine/Polyethylene Polyamine)	10 gal	NJA5078822	Cycle Chem Inc.
Waste, Flammable Liquid, Toxic, n.o.s. (Toluene/Xylene/Methyle Ethyl Ketone)	1000 lbs	NJA5078822	Cycle Chem Inc.
Waste, Cyanide Solutions, n.o.s. (Sodium Cyanide)	2 gal	NJA5078823	Cycle Chem Inc.
Waste, Phosphorus Pentoxide	2 gal	NJA5078823	Cycle Chem Inc.
Waste, Oxidizing Liquid, n.o.s. (Sodium Hypochlorite)	2 gal	NJA5078823	Cycle Chem Inc.
Waste, Ethyl Ether	1 gal	NJA5078823	Cycle Chem Inc.
RQ, Polychlorinated Biphenyls (PCB), Solid	91000 kg	NYH1425753	CWM Chemical Services, LLC
RQ, Polychlorinated Biphenyls (PCB), Solid	3800 kg	NYH1425789	CWM Chemical Services, LLC

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