

File 4040
Bomax



Site Summary & Work Plan Package
Vapor Intrusion Evaluations for New York State Remedial Sites

Bomax Manufacturing

NYSDEC Site ID # 6-23-009

City of Watertown
Jefferson County

NYSDEC Project Manager: Eastman

NYSDOH Project Manager: Navratil

NYSDEC field investigations conducted to determine if there is soil vapor contamination at the site and to determine the extent to which these contaminants pose a threat to human health and the environment.

Soil gas investigations performed in accordance with the NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York.

Site Information Summary for Triage Sites

Bomax Manufacturing

Site code: 623009

Locality: Jefferson (C) Watertown (T)

Site class: 02

Site Address:

6393 Coffeen Street
Watertown

Bureau: BURC

DEC Manager: Eastman

DOH Manager: Navratil

Data Needs

<u>Groundwater</u>	<u>Soil</u>	<u>Soil vapor</u>
<input type="checkbox"/> Depth (ft)	<input type="checkbox"/> Depth	<input type="checkbox"/> Depth
<input type="checkbox"/> Conc (ppb)	<input type="checkbox"/> Conc	<input type="checkbox"/> Conc
<input type="checkbox"/> Extent	<input type="checkbox"/> Extent	<input type="checkbox"/> Extent

Site contact information:

Contact: _____
Address: _____

Phone: _____
Fax: _____
Email: _____

Site description:

This site is on the property of a small motor manufacturing plant located on outer Coffeen Street in the Town of Watertown. There are two areas of environmental concern on the plant property, they are:

1) A 5,000 gallon Septic tank and adjoining leach field located at the south end of the property. Floor drains in the building run into the septic tank, and solvents were routinely dumped down these drains. A sample of waste from the septic tank revealed chlorinated solvents at high concentrations. Trichloroethylene was detected at 1300 ppm. Samples of groundwater near the leachfield as well as surface water and sediment from an adjacent wet area also revealed the presence of chlorinated solvents.

2) The area where an underground storage tank was removed. The tank had contained mixed solvents and had never been leak tested. Bomax excavated some of the contaminated soils in this area and stockpiled them on site. However, more contaminated soil still remains in the area. The former operator of the property has removed approximately 69 tons of contaminated soil and 134 drums of waste. Funding for the removal ran out, and consequently State Superfund (SSF) money was used to complete the required clean-up work in 1991, which amounted to a total of 93 tons of contaminated soil.

RI/FS start is anticipated April 30, 2005.

DOH assessment:

Groundwater on the site is contaminated. However, public water is available in the area and no private wells are known to be in use. Removal of contaminated soil has mitigated source area contamination. NYSDOH and NYSDEC will be evaluating the need to conduct additional investigations to determine the potential for soil vapor intrusion into structures on or near the site.

Operable units:

OU: **01** BOMAX MANUFACTURING ROD year: **PLN** Bureau: **BURC**

VOCs present? CVOCs present? CVOC in groundwater (ug/L) List volatile chemicals of concern (including non-CVOCs)
y y CHLORINATED SOLVENTS

CVOC in soil (ppm) Depth to max soil conc (ft)

Remedy Remedy comments Date completed

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Depth to water table (ft) <u>5</u>	Are CVOCs present in water table aquifer? <u>y</u>
Soil type _____	Is contamination overlain by clean groundwater? <u>n</u>
Plume size (L x W) _____	Is there an off-site plume? _____

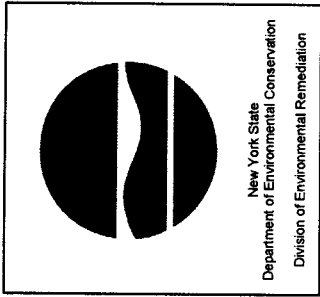
Analytical data available:		Date
<input type="checkbox"/> Soil		_____
<input type="checkbox"/> Groundwater		_____
<input type="checkbox"/> Soil vapor		_____
<input type="checkbox"/> Sub-slab		_____
<input type="checkbox"/> Indoor air		_____
<input type="checkbox"/> Outdoor air		_____

Potential receptors:			
Land use (onsite) _____	Adjacent land use <u>occupied</u>		
Number of structures <u>1</u>	Distance to nearest structure (ft) <u>50</u>	Est. number of impacted structures(offsite) _____	Sensitive receptors? _____
Construction type <input type="checkbox"/> Slab-on-grade <input type="checkbox"/> Other <input type="checkbox"/> Basement <input type="checkbox"/> Crawlspace	Future on-site land use <u>Commercial (Retail)</u>		

Comments:

Note: Attach site map showing proposed sampling locations and copies of most recent sampling data.

VAPOR INTRUSION EVALUATION BOMAX MANUFACTURING



New York State
Department of Environmental Conservation
Division of Environmental Remediation

Map Details

Created in ArcGIS 9.1

Created by T. Feia

Date of Last Revision: 02/08/2006

UNAUTHORIZED DUPLICATION
IS A VIOLATION OF APPLICABLE LAWS

Bomax Manufacturing
Site # 6-23-009

Jefferson County
City of Watertown

DEC Contact:
Eastman
Ouderkerk

DOH Contact:
Navratil

April 2003
Aerial Photography



North American Datum 1983
UTM Zone 18N