



**EPA REGION I
REMOVAL PRELIMINARY ASSESSMENT**

Site Name and Location

Name: Former Tombarello & Sons Property
Town: Lawrence **County:** Essex

Location: 207 Marston St.
State: Massachusetts

Site Status: ☐ NPL ☒ NON-NPL ☐ RCRA ☐ TSCA
 ☐ ACTIVE ☒ ABANDONED ☐ OTHER

☒ Attached Google Map & Satellite Image of Location ☒ Site I.D. No.: TBD

Latitude: 42° 43' 10.88" North **Longitude:** 071° 08' 29.41" West

Referral

☐ Citizen ☐ City/Town ☒ State ☐ Preremedial
☐ RCRA ☐ Other:

Name of referring party: Steve Johnson, MassDEP NERO
Address:

Telephone:()

Contacts Identified

1) Val Thompson, MassDEP	Telephone: (X) 978.694.3348
2) Joann Fagan, MassDEP	Telephone: (X) 978.694.3390
3) Ed Huminick, CIF Inc/First Lawrence Financial LLC	Telephone: (X) 603.512.2295
4) Kim Tisa, USEPA, TSCA	Telephone: (X) 617.918.1527
5) Mike Barry, USEPA, CERCLA	Telephone: (X) 617.918.1344

Source of Information

☒ **Verbal:** Contacts noted above.

☒ **Report:** Shaw E&I Letter Report to MassDEP dated November 12, 2007

☐ **Other:**

Potential Responsible Parties

Owner: John Tombarello **Telephone:**() unknown
Address:

Operator: **Telephone:**()
Address:

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Site Access

Authorizing Person: Ed Huminick

Date: May 27, 2008

☒ **Obtained**

☐ **Verbal**

Telephone: 603.512.2295

☐ **Not Obtained**

☒ **Written**

Physical Site Characterization

Background Information:

Tombarello & Sons Property Proper: The site had been used as a scrap metal and recycling yard for many years and is now abandoned. Suspected contaminants on site include RCRA metals, PCBs and oil contamination in the surficial/subsurface soil and possibly groundwater.

Abutting Residential Properties to the north of the site (the south side of Hoffman Avenue) may have been impacted with RCRA Metals and PCB contamination in surficial soil due to dust and surface water run-off.

Description of Substances Possibly Present, Known or Alleged: See above.

Existing Analytical Data

(Identify source, date and methodology)

☐ **Real-Time Monitoring Data:** None.

☒ **Sampling Data:** Soil sampling analysis for RCRA Metals by Method 6010B and PCBs by Method 8082; Shaw E&I Letter Report to MassDEP dated November 12, 2007..

Potential Threat

Description of potential hazards to environment and/or population-identify any of the criteria for a Removal Action (from NCP) that may be met by the site under 40 CFR 300.415 [b] [2].

- i. Actual or potential exposure to nearby human populations, animals, or the food chain from hazardous substances, pollutants or contaminants.
- ii. Actual or potential contamination of drinking water supplies or sensitive ecosystems.
- iii. Hazardous substances or pollutants or contaminants in drums, barrels, tanks, or other bulk storage containers, that may pose a threat of release.

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Potential Threat (Concluded)

- iv. High levels of hazardous substances or pollutants or contaminants in soils largely at or near the surface, that may migrate.
- v. Weather conditions that may cause hazardous substances or pollutants or contaminants to migrate or be released.
- vi. Threat of fire or explosion.
- vii. The availability of other appropriate federal or state response mechanisms to respond to the release.
- viii. Other situations or factors that may pose threats to public health or welfare or the environment.

Prior Response Activities

☒ PRP ☒ STATE ☐ FEDERAL ☐ OTHER

Brief Description: PRP previously removed some containers and other materials from the site proper. The MassDEP has performed soil sampling for RCRA Metals and PCBs on the adjacent residential properties.

Priority for Site Investigation

☐ High ☒ Medium ☐ Low ☐ None

Comments: Site generally is contaminated with low to medium concentration contaminants in soils per previous MassDEP sampling. Lack of vegetative cover on site results in potential dust and re-contamination issues; contamination on residential properties limits residents' ability to garden and full use of yards without presenting a long term health risk.

Report Generation

Originator: Mike Barry
Affiliation: USEPA Region I

Date: April 17, 2009
Telephone: 617.918.1344



**EPA REGION I
REMOVAL SITE INVESTIGATION**

Inspection Information

Site Name: Former Tombarello & Sons Property **Address:** 207 Marston St.
Town: Lawrence **County:** Essex **State:** Massachusetts
Date of Inspection: April 29, 2008 **Time of Inspection:** 1300 hrs.
Weather Conditions: Clear, 50-60 degrees
Site Status at Time of Inspection: ☐ ACTIVE ☒ INACTIVE
Comments: Site Investigation performed concurrent with PA Site visit; used MassDEP soil sampling results for the residential properties. Site consists of the Site proper and residential properties adjacent to the northern property boundary.

Agencies/Personnel Performing Inspection

	<u>Names</u>	<u>Program</u>
(X) EPA:	Mike Barry	CERCLA, Removal
	Kim Tisa	TSCA
() EPA Contractor:		
(X) State:	Val Thompson	Removal
(X) Other:	Dave Sears	Lien Holder Rep.
Current Owner Based on Field Interview:	No viable owner, notes held for First Lawrence Financial LLC, by CIF Inc.	

Physical Site Characteristics

Provide site schematic - see site diagram

Parameter	Quantities/Extent
() Cylinders:	
() Drums:	
() Lagoons:	
() Tanks: <input type="radio"/> Above:	
<input type="radio"/> Below:	
() Asbestos:	
() Piles:	
(X) Stained Soil:	Various patches
() Sheens:	
(X) Stressed Vegetation:	Throughout the site
() Landfill:	
(X) Population in Vicinity:	Residential area north of site.

REMOVAL SITE INVESTIGATION

Physical Site Characteristics (Concluded)

Parameter	Quantities/Extent
() Wells:	() Drinking:
	() Monitoring:
(X) Other:	On Site soil contaminated with RCRA metals and PCB's; residential soils surficially contaminated with RCRA metals and PCBs.

Physical Site Observations

Comments: Site is primary abandoned and open soil/gravel with sparse vegetation. There are a few pieces of abandoned equipment and general debris. There are several buildings on site and the topography is generally flat, with some soil piles. The residential yards are separated by vegetation and a fence. The residential yards are developed to varying degrees, but are all consistent with normal, residential properties for the area. See site diagram.

Field Sampling and Analysis

Matrix/Analytical Parameter	Field Instrumentation				
	CGI/O ₂	RAD	PID	FID	Other
Background Readings:					
Air:					
Soil:					
Surface:					
Water:					
Tanks:					
Drums:					
Vats:					
Lagoons:					
Spillage:					
Run Off:					
Piles:					
Sediments:					
Groundwater:					
Other:					

Field Quality Control Procedures

() SOP Followed () Deviation From SOP
Comments: No field monitoring performed, used data from MassDEP SI..

REMOVAL SITE INVESTIGATION

Description of Sampling Conducted

Approximately 130 surficial soil samples were analyzed for RCRA Metals and PCBs from a grid pattern in the back yards of 9 residential properties adjacent to the north property line of the Site. PCBs were detected in many samples, with a number above the Massachusetts residential soil limit of 2 ppm. RCRA metals were detected, but at general concentrations below Massachusetts limits for residential soil; however, several locations were higher than the residential limit for lead.

Former sampling under the MassDEP remedial program has detected soil on site with concentrations of PCBs and RCRA metals exceeding state standards.

Analyses

Analytical Parameter	Media	Laboratory
() VOC	() AIR	() NERL
(X) PCB	() WATER	() CLP
() PESTICIDE	(X) SOIL	(X) PRIVATE
(X) METALS	() SOURCE	() SAS
() CYANIDE	() SEDIMENT	() SOW
() SVOC		() Field
() TOXICITY		
() DIOXIN		
() ASBESTOS		
() OTHER		

Analytical results: For the residential properties are summarized in the attached MassDEP report.

Receptors

Comments

- () Drinking Water () Private: () Municipal:
() Groundwater:
() Unrestricted Access:
(X) Population in Proximity: Residents on residential properties; trespassers and possible future site workers on Site proper.
() Sensitive Ecosystem:
() Other:

Additional Procedures for Site Determination

- ☐ Biological Evaluation ☐ ATSDR

None to be performed at this time.

REMOVAL SITE INVESTIGATION

Site Determination

Depending on further information, criteria that may be met by the site include 40 CFR 300.415 [b] [2], parts:

- i. Actual or potential exposure to nearby human populations, animals, or the food chain from hazardous substances, pollutants or contaminants.
- ii. Actual or potential contamination of drinking water supplies or sensitive ecosystems.
- iii. Hazardous substances or pollutants or contaminants in drums, barrels, tanks, or other bulk storage containers, that may pose a threat of release.
- iv. High levels of hazardous substances or pollutants or contaminants in soils largely at or near the surface, that may migrate.
- v. Weather conditions that may cause hazardous substances or pollutants or contaminants to migrate or be released.
- vi. Threat of fire or explosion.
- vii. The availability of other appropriate federal or state response mechanisms to respond to the release.
- viii. Other situations or factors that may pose threats to public health or welfare or the environment.

Report Generation

Originator: Mike Barry
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Date: April 20, 2009
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