

SITE: CentredaleBREAK: 22OTHER: 474316

SDMS DocID

474316

**EPA REGION I  
REMOVAL PRELIMINARY ASSESSMENT**

**Site Name and Location**

**Name:** Centredale Manor Restoration Project    **Location:** 2072 and 2074 Smith Street  
**Town:** North Providence    **County:** Providence County    **State:** RI

**Site Status:**     NPL     NON-NPL     RCRA     TSCA  
 ACTIVE     ABANDONED     OTHER

Attached USGS Map of Location     Site I.D. No.: 016P

**Latitude:** 41° 51' 29.5" north    **Longitude:** 71° 30' 28.5" west

**Referral**

Citizen     City/Town     State     Preremedial  
 RCRA     Other: Remedial  
**Name of referring party:** Anna Krasko    **Telephone:** ( 617 ) 918- 1232  
**Address:**

**Contacts Identified**

1) Cornell Rosiu, EPA , R1    **Telephone:**( 617 ) 918 -1345  
2) Anna Krasko, EPA , R1    **Telephone:**( 617 ) 918-1232  
3)    **Telephone:**( )

**Source of Information**

Verbal:  
 Report: Analytical data report, Field Oversight Trip Report  
 Other:

**Potential Responsible Parties**

**Name :** Emhardt Industrie    **Telephone:**( )  
**Address:**

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

## REMOVAL PRELIMINARY ASSESSMENT

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### Site Access

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**Authorizing Person:** NA

**Date:**  Obtained  Verbal

**Telephone:**   Not Obtained  Written

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### Physical Site Characterization

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#### Background Information:

The Centredale Manor Site encompasses the following:

- the Brook Village Apartment property (Brook Village), located at 2072 Smith Street, North Providence, Providence County, Rhode Island
- the Centredale Manor Apartment property (Centredale Manor), located at 2074 Smith Street, North Providence, Providence County, Rhode Island
- and the flood plain of the Woonasquatucket River, as defined in the Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map of the 100 year flood plain, from Route 44 southerly, up to and inclusive of the Allendale Dam and its associated structures, including the tailrace of the Allendale Dam, in North Providence, Providence County, Rhode Island

History:

#### Description of Substances Possibly Present, Known or Alleged:

The primary contaminant on the Site is Dioxin. For a comprehensive list of contaminants, refer to previous PA/SI data, Removal Action site files, and Remedial site records.

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### Existing Analytical Data

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**Real-Time Monitoring Data:** (there are no real time methodologies for dioxin)

**Sampling Data:** provided by EPA Remedial Project Manager, for samples collected in January and February of 2008, and analyzed in December 2008 and January 2009 by SGS Environmental Services by method TLM 2.1. Results indicate dioxin (2,3,7,8TCDD in soils up to 33.4 ppb. Groundwater data indicates that dioxin may be migrating via pore water and discharging to the nearest surface water, the Woonasquatucket River.

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### Potential Threat

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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.
- 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.

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### Prior Response Activities

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PRP                       STATE                       FEDERAL                       OTHER

**Brief Description:**

An Action Memorandum dated May 04, 1999 and an Action Memorandum Addendum dated September 13, 1999 proposed a series of removal actions. The Removal Program mobilized to the Site in May 1999 and completed several of the proposed actions.

On March 06, 2000, the Site was added to on the National Priorities List.

On April 12, 2000 a Unilateral Administrative Order (UAO) was signed which directed a group of five respondents to take over the Removal Actions. The UAO became effective on April 24, 2000.

The respondents complied with the Order. On June 02, 2000, an Action Memorandum - Second Addendum was signed to encompass the UAO and modify the Removal Scope of Work. Under the Addendum, the OSC provided oversight of responsible party actions to complete an administrative cap. At that time, EPA determined that the remaining actions proposed in the Action Memoranda should be addressed in a Non-Time Critical Removal Action (NTCRA). This determination was documented in the Second Addendum.

Following extensive negotiation, an Administrative Order on Consent (AOC) was signed by EPA and the respondents on September 11, 2003. The AOC directed the responding parties to reconstruct the tailrace by installing an earthen cap and drainage channel to control storm drain runoff and mitigate erosion of contaminated sediment from the tailrace into Allendale Pond. A contractor was hired by the respondents to perform the work described in the Administrative Order. An Action Memorandum - Third Addendum was signed on September 30, 2003 to provide funding in the event of non-performance by the respondents.

## REMOVAL PRELIMINARY ASSESSMENT

(continued)

On June 01, 2009, Action Memorandum addendum 4 was signed. This Addendum provided funding for replacement and/or relocation of chain link fencing around Allendale Pond that had been damaged by weather conditions since it was installed in 2000.

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### Priority for Site Investigation

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High                       Medium                       Low                       None  
Comments:

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### Report Generation

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**Originator:** Ted Bzenas  
**Affiliation:** USEPA Region 1, EPRB

**Date:** 26 March, 2009  
**Telephone:** 617-918-1230

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