

US EPA ARCHIVE DOCUMENT

Centredale Manor
2.4
9235

**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION I
OFFICE OF SITE REMEDIATION AND RESTORATION
SITE EVALUATION AND RESTORATION
1 CONGRESS STREET
SUITE 1100, MAILCODE - HBR
BOSTON, MA 02114-2023**

**POLLUTION REPORT - CENTREDALE MANOR SITE,
NORTH PROVIDENCE, RHODE ISLAND**

I. HEADING

Date: February 7, 2000
Subject: Centredale Manor Site, North Providence, Rhode Island
From: Ted Bzenas, On-Scene Coordinator, U.S. EPA, Region I, Office of Site
Evaluation and Response II
To: See Attached Distribution List
POLREP #: 3

II. BACKGROUND

Site No.: 016P
Task Order No.: 0018
Response Authority: CERCLA
ERNS No.: NA
CERCLIS: RID981203755
NPL Status: Listed
State Notification: Yes
Action Memorandum: Signed May 04, 1999
Start Date: May 18, 1999 - Removal Action
Completion Date: To be determined
Category of Removal: Time Critical
Nationally Significant/
Precedent Setting: Yes

III. SITE INFORMATION

A. Physical Location

The Site encompasses the flood plain of the Woonasquatucket River from the bridge at Route 44 downstream to the Allendale Dam, including the Brook Village and Centredale Manor apartment properties which are located at 2072 and

9235

2074 Smith Street in North Providence, Providence County, Rhode Island.

Please refer to POLREP #1, dated May 27, 1999 for additional site specific information.

B. Site Characteristics

There are two multi-story apartment buildings for elderly residents located at the Site. Elevation of the property is approximately 100 feet above mean sea level. The property slopes slightly to the west, towards the Woonasquatucket River.

Brook Village and Centredale Manor are zoned for residential use and encompass a total of 9.7 acres of land. Centredale Manor is an eight-story apartment building for elderly residents which was completed in 1983. There are two paved parking lots located to the north and southwest of the building. Brook Village is an eleven story apartment building for elderly residents which was completed in 1977. A series of four parking lots extend to the south of the building. The area around both buildings is landscaped with grass ground cover.

Please refer to POLREP #1, dated May 27, 1999 for additional site specific information.

C. Other Actions To Date

EPA and the Rhode Island Department of Environmental Management (RIDEM) had conducted numerous investigations and performed other activities at the Site.

Please refer to POLREP #1, dated May 27, 1999 for additional site specific information.

IV. RESPONSE INFORMATION

A. Removal Activities To Date

Please refer to POLREP #1, dated May 27, 1999 and POLREP #2, dated August 24, 1999 for details of previous activities.

An Action memorandum Addendum was signed in September 1999 to modify the scope of the Removal Action and approve additional funds. The total Removal Project Ceiling is now \$3,952,000.

Additional delivery order funding increased the current ERRS cost ceiling to \$1,691,980.

Significant progress toward the goal of risk reduction was achieved during the autumn field-work season. Due to uncertainty about weather conditions at the onset of winter, equipment and personnel demobilized from the Site in early December, 1999.

Activities to date include:

- construction of an interim cap (cap #1) was completed in the area immediately to the south of the Centredale Manor parking lot. The cap was placed over the areas of highest surface soil dioxin contamination to control soil erosion and migration to the Woonasquatucket River.
- construction of interim cap #2 was initiated, but not completed due to the approach of cold weather. Cap #2 is located in the oxbow area between Centredale Manor and Brook Village. Cap #2 will be completed in the spring of 2000.
- additional samples were collected in the flood plain of the Woonasquatucket River and around Allendale Pond for dioxin analysis. Elevated levels of dioxin were identified in the sediments of Allendale Pond.
- an Open House was held for the public at the Centredale Manor parking lot. Approximately 20 residents attended.
- EPA has initiated an Interagency Agreement (IAG) with the Army Corps of Engineers for preparation of a Flood Impact Study and for support in design for flood control.
- the OSC and team members have participated in weekly Management Action Committee (MAC) meetings to inform the community, local and state government representatives of the progress and activity at the Site.
- an engineering survey of the Site has been completed.

B. Planned Removal Activities

Additional Removal Program activities for the Site have been closely coordinated with the Remedial Program to ensure consistency with a long term remedy. With the remaining current Action Memorandum funds and additional funds from the Action Memorandum Addendum, EPA is planning the following activities:

- completion of interim cap #2
- completion of flood evaluation studies by the ACOE

- construction of flood mitigation structures (if financially and technically feasible)

V. COST INFORMATION (Costs incurred through December 31, 1999)

Extramural Costs	CEILING	SPENT	REMAINDER
ERRS Contractor Costs	\$ 3,000,000	\$ 1,395,000	\$ 1,605,000
START Contractor Costs	\$ 85,000	\$ 75,000	\$ 10,000
20% Contingency	\$ 417,000	\$ -0-	\$ 417,000
ERT	\$ 200,000	\$ -0-	\$ 200,000
Extramural Total	\$ 3,702,000	\$ 1,470,000	\$ 2,232,000
Intramural Costs			
EPA Regional Personnel	\$ 250,000	\$ 125,000	\$ 125,000
Total Project Ceiling	\$ 3,952,000	\$ 1,595,000	\$ 2,357,000

The above accounting of expenditures is an estimate based on figures known to the OSC at the time this report was written. 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.

VI. DISPOSITION OF WASTE

To be determined.

CASE PENDS