

U.S. ENVIRONMENTAL PROTECTION AGENCY  
POLLUTION/SITUATION REPORT  
Davison Property Site - Removal Polrep  
Initial Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
Region I

**Subject:** POLREP #1  
Initial POLREP  
Davison Property Site  
01GQ  
Hillsborough, NH  
Latitude: 43.1235824 Longitude: -71.9623499

**To:**  
**From:** Janis Tsang, On-Scene Coordinator  
**Date:** 3/30/2011  
**Reporting Period:** 12/16/2010 - 3/19/2011

## 1. Introduction

### 1.1 Background

<b>Site Number:</b>	01GQ	<b>Contract Number:</b>	EP-W-08-061
<b>D.O. Number:</b>	0027	<b>Action Memo Date:</b>	12/16/2010
<b>Response Authority:</b>	CERCLA	<b>Response Type:</b>	Time-Critical
<b>Response Lead:</b>	EPA	<b>Incident Category:</b>	Removal Action
<b>NPL Status:</b>	Non NPL	<b>Operable Unit:</b>	
<b>Mobilization Date:</b>	3/9/2011	<b>Start Date:</b>	1/11/2011
<b>Demob Date:</b>		<b>Completion Date:</b>	
<b>CERCLIS ID:</b>	NHN000106004	<b>RCRIS ID:</b>	
<b>ERNS No.:</b>		<b>State Notification:</b>	
<b>FPN#:</b>		<b>Reimbursable Account #:</b>	

#### 1.1.1 Incident Category

Time Critical Removal

#### 1.1.2 Site Description

The approximately one acre property consists of a colonial style (circa 1800) house, two storage sheds, remnants of a third shed, a partial cinderblock wall building, a former chicken coop, a trailer camper, and numerous piles of broken household and commercial electronics equipment (computer components, TVs, stereos, etc.), metal and wood debris, and 55-gallon steel and polyethylene (poly) drums and 5-gallon poly containers. There is a short section of wooden stockade fence located along the Second NH Turnpike between the on-site residence and trailer. Access by vehicle is limited. However, pedestrian access to the property is unrestricted.

Groundwater classification for the area is GB, which includes all groundwater areas not assigned to a higher level of protection and where no active management is being conducted.

An intermittent stream flows through the property from west to east and discharges to an unnamed stream which flows south and discharges to the Contoocook River – North Branch downstream of Franklin Pierce Lake/Jackman Reservoir.

##### 1.1.2.1 Location

The Davison Property Site (the Site) is located at 471 Second New Hampshire (NH) Turnpike (Route 31) in Hillsborough, Hillsborough County, NH. The geographic coordinates at the approximate center of the Site, are 43° 07' 26.3" North and 71° 57' 46.0" West. The property is bordered by Second NH Turnpike to the south, wooded areas to the north, and residential properties to the east and west.

##### 1.1.2.2 Description of Threat

Hazardous substances found in water and soil samples collected during the EPA investigations include arsenic, lead, chromium, mercury, zinc, bis(2-ethylhexyl) phthalate and polycyclic aromatic hydrocarbons (PAHs) compounds.

##### 1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results

At the request of New Hampshire Department of Environmental Services (NHDES), EPA and Weston Solutions, Inc. (Weston) Superfund Technical Assessment and Response Team (START) conducted a Preliminary Assessment/Site Investigation (PA/SI) from June to September 2010 and observed the following:

--Numerous piles of broken household and commercial electronics equipment including computers, televisions, stereos, and other household appliances such as refrigerators; and,

--Approximately 28 55-gallon, 60 5-gallon, and 50 1-gallon or less containers; some of which are coated with residual of or partially filled with products such as paints, primers, cements, solvents, cleaners, gasoline, waste oil, motor and hydraulic oil, etc.

In addition to the above-mentioned observations, the sampling results confirmed the presence of the above-referenced hazardous substances and therefore, the OSC recommended that a time-critical removal action is warranted.

## **2. Current Activities**

### **2.1 Operations Section**

#### **2.1.1 Narrative**

On 11 January 2011, EPA OSC Janis Tsang, Emergency Rapid Response Services (ERRS) Response Manager (RM), START personnel and a Weston wetland specialist conducted a site walk to delineate the approximate boundary of the wetlands and plan for the upcoming removal activities. OSC Tsang, ERRS RM, and START also attended meetings with the Hillsborough Code Enforcement Officer (HCEO) and the Town of Hillsborough (the Town) Transfer Station Foreman to discuss options for the disposal and/or recycling of the steel and/or waste electronics piles. As part of the Town of Hillsborough Selectmen's meeting, on 11 January 2011, with the participation of NHDES, OSC Tsang conducted a public informational meeting to present and discuss the upcoming removal operations. During the meeting, the Town passed to vote to waive the tipping fees for disposal of C&D debris, recyclable steel and cathode ray tubes (CRTs) and other recyclable materials.

#### **2.1.2 Response Actions to Date**

- On 11 January 2011, START personnel conducted a wetland survey to delineate the boundaries of two wetland areas located on the Site.
- From 24 January to 8 March, 2011, START personnel conducted a biweekly check on the Site condition.
- On 24 February 2011, ERRS RM and Transportation and Disposal (T&D) Coordinator and START personnel conducted a site walk for removal logistic planning.
- On 9 March 2011, EPA OSC Janis Tsang, START, and ERRS personnel mobilized to the Site to begin removal activities.
- From 9 March through 15 March 2011, ERRS personnel segregated material and disposed of eight 30 cubic yard rollofs (approx. 70 tons) of construction and demolition debris. ERRS staged additional debris which consists of broken and intact electronics, circuit boards, cathode ray tubes, and scrap steel. The rollofs were delivered to the Mount Carberry Landfill in Berlin, NH for disposal.
- On 11 March 2011, Ralph Wickson of NHDES met with OSC Tsang on-site to observe the removal activities. OSC Tsang and Mr. Wickson conducted several conference calls with John Regan and Tod Leedberg of NHDES to discuss the applicable universal waste code classification, storage and packaging requirements for the CRTs.
- On 15 March 2011, START personnel conducted soil sampling activities on the western portion of the property, south of the intermittent stream. Eight locations were sampled and the samples were sent to the EPA's New England Regional Laboratory for metals and SVOC analysis.
- On 16 March 2011, HCEO and the Town Administrator informed the OSC that the Town passed a referendum to revoke the waiver of tipping fees to EPA due to lack of town budgets.
- On 18 March 2011, Ralph Wickson and John Regan of NHDES met with OSC Tsang on-site to review the removal progress.
- Since the 9 March 2011 mobilization, OSC Tsang met with HCEO daily to discuss site progress.

#### **2.1.3 Enforcement Activities, Identity of Potentially Responsible Parties (PRPs)**

In October 2010, the Town informed the OSC that the property owner, Mr. Davison had abandoned the property. On 19 November 2010, the Town foreclosed the property.

## **2.2 Planning Section**

### **2.2.1 Anticipated Activities**

#### **2.2.1.1 Planned Response Activities**

The planned response activities for the Site will include the following:

- Conduct property boundary and topographical surveys to establish base line references (e.g. elevation) for removal planning when deemed necessary.
- Collect additional samples as needed for extent-of-contamination estimates. This may include, but is not limited to, soil samples, surface water samples, and drinking water samples at nearby private drinking water wells.
- Conduct inventory, sampling, and analysis of drums and containers stored on site.
- Conduct overpacking, staging, and disposal of hazardous substances, pollutants, and/or contaminants at a CERCLA-approved disposal facility.
- Conduct demolition and disposal of the chicken coop and the sheds, as necessary, to allow for safer removal of drums and containers.
- Perform applicable air monitoring.
- Conduct removal and disposal of contaminated debris.
- Conduct hot spot soil excavation and removal.
- Conduct post-excavation surface soil sampling.
- Conduct stabilization and restoration activities at areas, including the wetlands, disturbed or damaged by the removal activities.

**2.2.1.2 Next Steps**

- Commence disposal of wastes to off-site disposal facilities and shipment of recyclable wastes to recyclers.

**2.2.2 Issues**

- Since the 11 January 2011 public meeting, there have been several snow storms depositing more than 30 inches of snow delaying the planned mobilization. EPA mobilized on 9 March 2011 to commence the removal of wastes from low lying areas and the wetlands before the flood season begins in Spring.

**2.3 Logistics Section**

No information available at this time.

**2.4 Finance Section**

**2.4.1 Narrative**

As of 19 March 2011, the total extramural cost for the Site is as follows:

It should be noted that the \$75,000 contingency fund is available for future allocation.

**Estimated Costs \***

	<b>Budgeted</b>	<b>Total To Date</b>	<b>Remaining</b>	<b>% Remaining</b>
<b>Extramural Costs</b>				
ERRS - Cleanup Contractor	\$300,000.00	\$99,620.00	\$200,380.00	66.79%
START	\$75,000.00	\$33,000.00	\$42,000.00	56.00%
<b>Intramural Costs</b>				
<b>Total Site Costs</b>	<b>\$375,000.00</b>	<b>\$132,620.00</b>	<b>\$242,380.00</b>	<b>64.63%</b>

\* 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.

**2.5 Other Command Staff**

**2.5.1 Safety Officer**

**2.6 Liaison Officer**

**2.7 Information Officer**

**2.7.1 Public Information Officer**

On 11 January 2011, OSC Tsang conducted a public informational meeting regarding the cleanup at the Site. A fact sheet was prepared and distributed during the public meeting.

On 12 January 2011, EPA issued a press release to announce the commencement of the Davision Property Site removal action.

**3. Participating Entities**

No information available at this time.

**4. Personnel On Site**

No information available at this time.

**5. Definition of Terms**

No information available at this time.

**6. Additional sources of information**

No information available at this time.

**7. Situational Reference Materials**

No information available at this time.

POLREP #1 Last Updated 4/5/2011