

U.S. ENVIRONMENTAL PROTECTION AGENCY  
POLLUTION/SITUATION REPORT  
Beacon Falls Organic Peroxide Response - Removal Polrep  
Initial and Final Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
Region I

**Subject:** **POLREP #1**  
**Pollution Report (Initial & Final) #1**  
**Beacon Falls Organic Peroxide Response**

**Beacon Falls, CT**  
**Latitude: 41.4527850 Longitude: -73.0664330**

**To:**  
**From:** Frank Gardner, On-Scene Coordinator  
**Date:** 3/30/2009  
**Reporting Period:** March 27, 2009

## 1. Introduction

### 1.1 Background

<b>Site Number:</b>	<b>Contract Number:</b>
<b>D.O. Number:</b>	<b>Action Memo Date:</b>
<b>Response Authority:</b> CERCLA	<b>Response Type:</b> Emergency
<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> 3/27/2009	<b>Start Date:</b> 3/27/2009
<b>Demob Date:</b> 3/27/2009	<b>Completion Date:</b> 3/27/2009
<b>CERCLIS ID:</b>	<b>RCRIS ID:</b>
<b>ERNS No.:</b>	<b>State Notification:</b>
<b>FPN#:</b>	<b>Reimbursable Account #:</b>

#### 1.1.1 Incident Category

Emergency Response

#### 1.1.2 Site Description

On 27 March 2009, CT DEP removed approximately 150 14-pound bags of an unstable organic peroxide material from a wire manufacturing facility in Seymour, CT. The material was 40% bis(tert-butylldioxyisopropyl)benzene [CAS # 25155-25-3]. CTDEP, after carefully assessing disposal options in consultation with EPA, CT DPH, and ATSDR, decided to destroy the organic peroxide material via a controlled burn at a remote location in the Naugatuck State Forest. CT DEP requested air monitoring support from EPA Region 1 to ensure the controlled burn did not create a significant release of hazardous substances into the atmosphere.

## 2. Current Activities

### 2.1 Operations Section

#### 2.1.1 Response Actions to Date

EPA Region 1 OSC Frank Gardner and 3 START personnel mobilized to the scene and integrated into the Unified Command. CT DEP's cleanup contractor placed several bags of the organic peroxide material into an open steel rolloff container. The material was ignited remotely from a safe distance. The Beacon Falls FD had mobilized firefighting equipment and was prepared to provide fire suppression if needed. This process was repeated until all the material was destroyed. EPA and the START contractor conducted real-time air monitoring around the perimeter of the scene using Multi-Rae and Area-Rae instrumentation. Salient parameters monitored included carbon monoxide, organic vapors, oxygen, and lower explosive limit. All readings were consistent with background conditions, indicating that the burn did not create a hazardous condition. By approximately 2300 hours, all burning and monitoring activities were completed, and OSC Gardner and the START contractor departed the scene.

### 2.2 Planning Section

#### 2.2.1 Anticipated Activities

No further response activities are planned.

### **2.3 Logistics Section**

Logistical support was provided by the Beacon Falls FD and CT DEP's contractor.

### **2.4 Finance Section**

No information available at this time.

### **2.5 Other Command Staff**

#### **2.5.1 Safety Officer**

N/A

#### **2.6 Liaison Officer**

N/A

#### **2.7 Information Officer**

Community involvement activities were conducted by CT DEP and CT DPH.

## **3. Participating Entities**

### **3.1 Unified Command**

The Unified Command consisted of CT DEP, the Beacon Falls FD, and EPA Region 1.

### **3.2 Cooperating Agencies**

Cooperating and assisting agencies included CT DPH and ATSDR.

## **4. Personnel On Site**

EPA mobilized OSC Gardner and 3 START contractor personnel to the scene.

## **5. Definition of Terms**

ATSDR - Agency for Toxic Substances and Disease Registry

CT DEP = Connecticut Department of Environmental Protection

CT DPH = Connecticut Department of Public Health

## **6. Additional sources of information**

### **6.1 Internet location of additional information/report**

For additional information please refer to <http://epaossc.net/BeaconFallsOrganicPeroxide>.

### **6.2 Reporting Schedule**

This is the final polrep. No further polreps are planned.

## **7. Situational Reference Materials**

N/A