

U.S. ENVIRONMENTAL PROTECTION AGENCY  
POLLUTION/SITUATION REPORT  
Coran Drive Spill Response - Removal Polrep  
Initial and Final Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
Region V

**Subject:** POLREP #1  
Initial and Final POLREP  
Coran Drive Spill Response  
  
Cincinnati, OH  
Latitude: 39.0751720 Longitude: -84.3155610

**To:**  
**From:** Steven Renninger, On-Scene Coordinator  
**Date:** 5/24/2011  
**Reporting Period:** 5/22/2011 to 5/23/2011

## 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> 5/22/2011	<b>Start Date:</b> 5/22/2011
<b>Demob Date:</b> 5/23/2011	<b>Completion Date:</b> 5/23/2011
<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

The site is approximately 0.25 to 0.5 miles of an unnamed creek. The creek flows behind approximately 20 residential homes located on the south side of Coran Drive in Cincinnati, Ohio. The waterflow through the creek is light and the water source is primarily surface runoff from the storm water drains located in surrounding retail location parking lots.

##### 1.1.2.1 Location

An unnamed creek behind residential homes on the south side of Coran Drive in Cincinnati, OH.

##### 1.1.2.2 Description of Threat

During the overnight hours of May 21 to 22, 2011, the flooring of the Staples Store located at 8666 Beechmont Ave, Cincinnati, OH was stripped of all existing wax using Wax and Finish Remover (MSDS SEB8200). The mixture of wax, remover, and water was subsequently dumped into a storm drain located in the southern parking lot of the store. The storm drain discharges through a culvert outfall into the unnamed creek flowing along Coran Drive. The wax and remover settled on the bottom of the creek bed as a white precipitate along approximately 0.25 to 0.5 miles of the creek. In addition, the pH of the water at the culvert was observed to be 9.20.

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

The discharged wax and wax remover has created a white precipitate along the creek bed for approximately 0.25 to 0.5 miles. In addition, the pH of the water at the outfall was 9.20.

## 2. Current Activities

### 2.1 Operations Section

#### 2.1.1 Narrative

### 2.1.2 Response Actions to Date

At approximately 0900 on May 22, 2011, a local resident notified the National Response Center of a visible sheen on the surface of an unnamed creek along Coran Drive (NRC #977021). Initially believed to be oil related, USCG PO Clark conducted a site visit to investigate. PO Clark arrived at the scene and observed a white precipitate along the bottom of the creek bed. PO Clark subsequently referred the discharge to US EPA as no oil was present.

At approximately 1030, US EPA phone duty OSC Anita Boseman contacted US EPA OSC Steve Renninger. OSC Renninger mobilized START to the site to investigate the discharge.

At 1230, START arrived at 8593 Coran drive and spoke with the homeowner concerning the discharge. No industrial facilities were located in the area, however, there were many retail locations along the south bank of the creek. START walked upstream along the creek to a culvert outfall located within a retention basin area directly behind the Staples store located at 8666 Bechmont Ave, Cincinnati, OH. The white precipitate was observed to be discharging from the culvert outfall. The observation were reported to US EPA OSC Renninger.

At 1410, OEPA OSC Dale Farmer arrived on-site and requested continued support from US EPA START. At 1420 OSC Farmer and START met with the Assistant Manager (AM) of Staples. Floor drying equipment and a solvent odor was noted upon entry into the store. The AM confirmed that the flooring had been stripped of the existing wax the previous evening and a new layer of wax had been applied. The AM also indicated that all waste products from the wax removal operation was supposed to be poured into a "slop drain" located in the back of the store that is connected to the sanitary sewer system. OSC Farmer requested and was granted permission to conduct a leak check of the drain.

At 1420 leak check die was NOT observed at the outfall. pH at the outfall noted to be 9.20.

At 1500 OEPA OSC Farmer and START observed visual evidence of dumping into the storm sewer drain located in the south parking lot. Residual wax was noted on the pavement as well as the inside of the storm drain. Wheel marks were observed leading from the storm drain into the store.

At 1515 OEPA OSC Farmer informed the AM of the findings. Overland Supply was identified as the floor stripping company utilized the previous evening. OSC Farmer attempted to contact Overland Supply, but was unable to reach anyone.

At 1530 OEPA OSC Farmer determined that while the wax was not hazardous, it was still an illegal discharge justifying action. OEPA OSC Farmer tasked Environmental Enterprises, Inc (EEI) with mobilizing a vac truck to the site and conducting removal operations.

At 1745, EEI arrived onsite and began removal operations. EEI attempted to remove the wax from the creek bed utilizing a vac truck.

At 1950, approximately 3000 gallons of water/wax/wax remover had been removed from the creek. However, visible wax was still noted along the creek bed. START updated US EPA OSC Renninger of the spill response activities.

At 2030, the 3000 gallons of water/wax/wax remover was transferred from the vac truck into a tanker and the vac truck was redeployed to the culvert outfall. The wax along the creek bed and within the culvert piping was observed by OEPA OSC Farmer and START to be reduced.

At 2145, vac truck operations were concluded by OEPA OSC Farmer. START departed the Site at 2215.

On May 23, 2011, OSC Farmer contacted Overland Supply. Overland Supply agreed to conduct additional cleanup activities at the Site.

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

The PRP was identified as Overland Supply.

### 2.1.4 Progress Metrics

<i>Waste Stream</i>	<i>Medium</i>	<i>Quantity</i>	<i>Manifest #</i>	<i>Treatment</i>	<i>Disposal</i>

## 2.2 Planning Section

### 2.2.1 Anticipated Activities

None

### **2.2.1.1 Planned Response Activities**

None

### **2.2.1.2 Next Steps**

None

### **2.2.2 Issues**

None

## **2.3 Logistics Section**

Not Applicable

## **2.4 Finance Section**

No information available at this time.

## **2.5 Other Command Staff**

### **2.5.1 Safety Officer**

An ER HASP was approved prior to initiating field activities onsite.

### **2.6 Liaison Officer**

### **2.7 Information Officer**

#### **2.7.1 Public Information Officer**

#### **2.7.2 Community Involvement Coordinator**

## **3. Participating Entities**

### **3.1 Unified Command**

### **3.2 Cooperating Agencies**

OEPA - OSC Dale Farmer

## **4. Personnel On Site**

USEPA - 1 OSC

START - 1 WESTON START

## **5. Definition of Terms**

OEPA - Ohio EPA

OSC - On Scene Coordinator

PRP - Primary Responsible Party

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

No information available at this time.

## **7. Situational Reference Materials**

No information available at this time.