

U.S. ENVIRONMENTAL PROTECTION AGENCY  
POLLUTION/SITUATION REPORT  
American Screw and Rivet - Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
Region IV

**Subject:** POLREP #2  
Emergency response actions continue  
American Screw and Rivet  
B4J8  
Anderson, SC  
Latitude: 34.5913130 Longitude: -82.6792440

**To:**  
**From:** Jose Negron, On Scene Coordinator  
**Date:** 6/7/2011  
**Reporting Period:** 6/4/2011 to 6/7/2011

## 1. Introduction

### 1.1 Background

<b>Site Number:</b>	B4J8	<b>Contract Number:</b>	
<b>D.O. Number:</b>		<b>Action Memo Date:</b>	6/4/2011
<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>	6/3/2011	<b>Start Date:</b>	6/3/2011
<b>Demob Date:</b>		<b>Completion Date:</b>	
<b>CERCLIS ID:</b>	SCR000006635	<b>RCRIS ID:</b>	
<b>ERNS No.:</b>		<b>State Notification:</b>	06/02/2011
<b>FPN#:</b>		<b>Reimbursable Account #:</b>	

#### 1.1.1 Incident Category

Emergency response

#### 1.1.2 Site Description

The site of the former American Screw and Rivet. The site contains a one story building where the company manufactured steel screws and rivets. The site is on the outskirts of the City of Anderson and sits in a wooded area surrounded by residences and light industrial facilities.

##### 1.1.2.1 Location

1625 Manse Jolly Road in Anderson, Anderson County, South Carolina.

##### 1.1.2.2 Description of Threat

Site contains poly tanks, drums and other containers some of which are exposed to the elements and show evidence of structural degradation. Some containers are leaking while others have spilled their contents. The roof is badly deteriorated and rain drains into the interior of the building through ruptured areas and other apertures. Totes and drums are found exposed to the elements and without any containment. Evidence of spilled materials are present throughout the interior of building and evidence of uncontrolled migration onto the environment is present. The site drains towards a pond that sits on the property and is part of the drainage basin for Lake Hartwell.

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

Approximately 250 containers including poly totes, drums, cardboard drums and containers, bags pails and others have been identified. Preliminary hazardous categorization analysis has revealed flammable and corrosive liquids. Approximately 44 poly totes containing unknown liquids with a pH ranges between 9 and 10 have been identified. Another 30 totes contain unknown liquids with a pH of 2 have been identified.

## 2. Current Activities

### 2.1 Operations Section

#### 2.1.1 Narrative

START along with ERRS continue to conduct activities to identify threats and contain potential uncontrolled releases.

#### 2.1.2 Response Actions to Date

Approximately 250 containers including poly totes, drums, cardboard drums and containers, bags pails and others have been identified. Preliminary hazardous categorization analysis has revealed flammable and corrosive liquids. Approximately 44 poly totes containing unknown liquids with a pH ranges between 9 and 10 have been identified. Another 30 totes contain unknown liquids with a pH of 2 have

been identified. ERRS has deployed frac tanks and vacuum trucks to bulk liquids. Approximately 40 totes containing pH 10 liquid waste have been consolidated into one frac tank. Approximately 30 totes containing pH 2 corrosive liquid waste have been consolidated into poly frac tanks. Additional tanks capable of holding corrosive pH 2 liquids will be deployed.

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

Coordination with EPA's attorneys on this matter continue. EPA has been in contact with the trustees and owners and has secured access from both.

#### 2.1.4 Progress Metrics

<b>Waste Stream</b>	<b>Medium</b>	<b>Quantity</b>	<b>Manifest #</b>	<b>Treatment</b>	<b>Disposal</b>
pH 9/10 liquids	liquids	10000 gallons			
ph 2 liquids	liquids				
unknowns	various	unknown			

## 2.2 Planning Section

### 2.2.1 Anticipated Activities

START will continue to conduct hazardous categorization and segregation of waste streams/  
 START to develop soil sampling plan  
 START to develop sampling plan for sedimentation ponds

#### 2.2.1.1 Planned Response Activities

ERRS will continue to segregate and consolidate waste streams from compromised containers.  
 Continue to remove liquids from floor  
 Remove sludge from three sumps to create storage capacity to prevent migration of contaminants into the environment  
 Continue the transfer of pH 2 corrosive liquid waste from poly totes to poly frac tanks.

#### 2.2.1.2 Next Steps

Collect samples from soil and sedimentation ponds.  
 Submit samples to laboratory for waste stream characterization

#### 2.2.2 Issues

## 2.3 Logistics Section

No information available at this time.

## 2.4 Finance Section

No information available at this time.

## 2.5 Other Command Staff

No information available at this time.

## 3. Participating Entities

### 3.1 Unified Command

### 3.2 Cooperating Agencies

South Carolina Department of Health and Environmental Conservation

## 4. Personnel On Site

EPA 1  
 START 2  
 ERRS 6

## 5. Definition of Terms

No information available at this time.

## 6. Additional sources of information

### 6.1 Internet location of additional information/report

SCDHEC American Screw and Rivet Corporation referral package to EPA Region 4 Emergency Response and Removal Branch attached in the documents section.

## **6.2 Reporting Schedule**

## **7. Situational Reference Materials**

No information available at this time.