

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



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
Region IV

**Subject:** POLREP #3  
Emergency Response Action Continues  
American Screw and Rivet  
B4J8  
Anderson, SC  
Latitude: 34.5913130 Longitude: -82.6792440

**To:**  
**From:** David Andrews, On Scene Coordinator  
**Date:** 6/10/2011  
**Reporting Period:**

**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 19,000 gallons of pH 2 liquid (hydrochloric acid 30%) has been consolidated into 4 poly-tanks within containment (poly-lined). Approximately 11,000-gallons of pH 10 liquid collected from sump-drains within the building has been bulk-consolidated into a fractional tank ("frac" tank). Three (3) vacuum-boxes have been filled with solid/sludge residues collected from four (4) sumps

within the building. START has completed sample collection from containers within the building and from surface soil along a drainage path outside the building. START also conducted field-compatibility tests on unknown/unidentified material in the building and worked with ERRS to develop preliminary waste streams that may be bulk consolidated for disposal pending further analytical testing.

### 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

<i><b>Waste Stream</b></i>	<i><b>Medium</b></i>	<i><b>Quantity</b></i>	<i><b>Manifest #</b></i>	<i><b>Treatment</b></i>	<i><b>Disposal</b></i>
pH 9/10 liquids	liquids	10000 gallons			
ph 2 liquids	liquids	20,000			
Sump Waste	Sludge	10-15 cu yds			

## 2.2 Planning Section

### 2.2.1 Anticipated Activities

ERRS to initiate disposal coordination

START to continue to delineate site contamination and finalize waste stream identification.

#### 2.2.1.1 Planned Response Activities

ERRS will transition from the Emergency Response phase early next week (week of June 12th) by completion of bulk-consolidation of the remaining pH 2 liquids and the other liquid and solid waste streams. Disposal coordination is currently in-progress.

#### 2.2.1.2 Next Steps

START & ERRS are awaiting for the first laboratory data on samples collected during this ER. Submit additional samples for identification and to support disposal profile(s).

### 2.2.2 Issues

None at this time.

## 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

### 2.5.1 Safety Officer

EPA is the primary Safety Officer

### 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

South Carolina Department of Health and Environmental Conservation

## 4. Personnel On Site

EPA 1

START 2

**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.