

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



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region IV

Subject: POLREP #4
American Screw and Rivet
B4J8
Anderson, SC
Latitude: 34.5913130 Longitude: -82.6792440

To:
From: Jeffery J. Crowley, On Scene Coordinator
Date: 6/20/2011
Reporting Period: 6/13/11 - 6/17/11

1. Introduction

1.1 Background

Site Number:	B4J8	Contract Number:	
D.O. Number:		Action Memo Date:	6/13/2011
Response Authority:	CERCLA	Response Type:	Time-Critical
Response Lead:	EPA	Incident Category:	Removal Action
NPL Status:	Non NPL	Operable Unit:	
Mobilization Date:	6/3/2011	Start Date:	6/3/2011
Demob Date:		Completion Date:	
CERCLIS ID:	SCR0000006635	RCRIS ID:	
ERNS No.:		State Notification:	06/02/2011
FPN#:		Reimbursable Account #:	

1.1.1 Incident Category

Former Manufacturing Facility.

1.1.2 Site Description

American Screw and Rivet (ASR) was a manufacturer of screws and rivets operating at the Site until late 2010. The Site was referred to ERRB in June of 2011 for a Removal Site Evaluation and due to the presence of high levels of hazardous materials unsecured and exposed to the environment; an Emergency Response was initiated at the Site on June 3, 2011.

1.1.2.1 Location

The Site is located at 1625 Manse Jolly Rd., Anderson, SC. The area surrounding the Site is a mixture of light industrial, woods, and residences. There is also a small pond that receives the drainage from the facility.

1.1.2.2 Description of Threat

For a description of threat, please refer to previous POLREPs.

1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results

For details of the removal assessment, please refer to previous POLREPs.

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

The following actions were completed during this reporting period:

- ERRS removed the sludge cake bed from one sump and pumped out two additional sumps.
- ERRS vacuumed approximately 3,000 gals of pH-10 liquid from the former line operation vats.
- START tested paint chips from the walls of the building and screened negative for lead.
- START also collected samples from ACM suspect materials and confirmed that they were negative for asbestos.
- START finished hazard categorization on all containers in the main warehouse building.
- ERRS cleaned the building floor in areas which were covered in sludge that were pH-10. The sludge was contained in the sumps.
- All totes containing acid have been pumped and stored in the vertical poly tanks.

There are 6 sludge boxes with 25 yd³ capacity per box that were used to hold the waste material evacuated from 8 sumps. Listed below is the approximate amount per box:

1) Sump 1 & 2 – 65% full	~ 18 yd ³
2) Sump 2 – 50% full	~ 13 yd ³
3) Sump 4 & 6 – 50% full	~ 13 yd ³
4) Sump 4 – 50% full	~ 13 yd ³
5) Sump 3, 4 & 5 – 50% full	~ 13 yd ³
6) Sump 7 & 8 – 50% full	~ 13 yd ³
<i>Total Volume</i>	<i>~ 83 yd³</i>

There is one frac tank that contains ~ 18,000 gals of waste liquid (pH 10).

There are 6 vertical poly tanks containing acid waste (pH 2) material from totes and the vats. All of the poly tanks are full, storing approximately 30,000 gallons.

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

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

2.2 Planning Section

2.2.1 Anticipated Activities

2.2.1.1 Planned Response Activities

It is anticipated that ERRS will begin to cut up and decontaminate the totes that were pumped out. Most of the totes contain sludge that will need to be removed and added to the appropriate waste stream.

Also during the next reporting period trucks will be arriving to pump out some of the acid from the poly tanks which will allow for more space to pump additional acid from the interior of the building.

Finally, some of the liquids and sludges that have accumulated on the floor will be solidified and added to the appropriate waste stream.

2.2.1.2 Next Steps

ERRS has requested bids for the sludge materials and rolloff boxes are going to be obtained to containerize the many drums of waste solids that are in the building.

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

The following represent the maximum staffing during this reporting period:

EPA OSC - 1
START (Otie) - 2
ERRS (ER) - 6

5. Definition of Terms

ASR - American Screw and Rivet
EPA - Environmental Protection Agency
EPM - Enforcement Project Manager
ERRB - Emergency Response and Removal Branch
ERRS - Emergency and Rapid Response Services
OSC - On Scene Coordinator
PPE - Personal Protective Equipment
PRP - Potentially Responsible Party
RAL - Removal Action Level
RSE - Removal Site Evaluation
RSL - Removal Screening Level
RFQ - Request For Quote
SCDHEC - South Carolina Department of Health and Environmental Control
START - Superfund Technical Assessment and Response Team

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.