

**United States Environmental Protection Agency**  
**Region IV**  
**POLLUTION REPORT**

**Date:** Friday, April 9, 2004

**From:** Jeffery Crowley

**Subject:** Brewer Gold Mine

1/2 Mile N. of Intersection of SR 265 and CR 110, Jefferson, SC

Latitude: 34.6422000

Longitude: -80.4097000

<b>POLREP No.:</b>	13	<b>Site #:</b>	04MQ
<b>Reporting Period:</b>	2/21/04-4/8/04	<b>D.O. #:</b>	04001
<b>Start Date:</b>	11/3/2003	<b>Response Authority:</b>	CERCLA
<b>Mob Date:</b>		<b>Response Type:</b>	Time-Critical
<b>Demob Date:</b>		<b>NPL Status:</b>	Non NPL
<b>Completion Date:</b>		<b>Incident Category:</b>	Removal Action
<b>CERCLIS ID #:</b>	SCD987577913	<b>Contract #</b>	68S40205
<b>RCRIS ID #:</b>			

#### **Site Description**

Please refer to previous POLREP's for background information.

#### **Current Activities**

The following actions were taken during the period of record:

Members of Kemron and CMC finished capping the Pad 6 area. The final description of the cap layers are as follows:

- 6" layer of clay,
- 1' layer of clay,
- a topsoil layer seeded with erosion control grasses,
- a straw matting was placed on top of the topsoil.

An issue expressed in the last POLREP was the issue of erosion. Thus, additional rip-rap berms were placed perpendicular to the direction of flow along the slope to slow the flowrate of runoff.

Also during the reporting period, members of ERRS addressed the area in which the clay for the capping was taken. This area, know as the borrow pit, was graded and dressed.

Normal operation of the wastewater treatment of the acid mine drainage continued at the site during the reporting period. The Northwest Trend Pit was also completely drained in preparation for sludge removal.

The United States Cast Guard also remained on site during the reporting period; providing general site oversight and federal presence.

#### **Planned Removal Actions**

With the completion of the Pad 6 capping project, members of Kemron and CMC are being demobilized from the site. Members of Gemini Services will remain on site to operate the wastewater treatment system and to provide general site maintenance. Also, planned at the site is dredging the Northwest Trend Pit to remove the accumulated sediment and provide sufficient freeboard for continued treatment on the acid maine drainage.

#### **Next Steps**

The sludge in the Northwest Trend Pit has reached the level at which it will need to be removed to allow for adequate freeboard of the treated water. When the pond was dredged before, it was done so at a substantial cost. The OSC will perform an analysis on whether or not purchasing a dredge for the site will be more beneficial than renting the equipment as was done previously.

**Key Issues**

Rain at the site will pose a threat to the newly completed cap until the erosion control grasses have had sufficient time to grow.

[response.epa.gov/BrewerGold](https://response.epa.gov/BrewerGold)