

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

**Date:** Monday, January 28, 2008

**From:** Randy Nattis

**To:** Jim McGuire, EPA

**Subject:** Initiation of Action  
Columbia Organic Chemical Company  
912 Drake Street, Columbia, SC  
Latitude: 33.9822000  
Longitude: -80.9586000

<b>POLREP No.:</b>	2	<b>Site #:</b>	A4NH
<b>Reporting Period:</b>	01/07/2008 - 01/28/2008	<b>D.O. #:</b>	
<b>Start Date:</b>	1/7/2008	<b>Response Authority:</b>	CERCLA
<b>Mob Date:</b>	1/7/2008	<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>		<b>Contract #</b>	
<b>RCRIS ID #:</b>			

**Site Description**

The Columbia Organic Chemical Company (COCC) site is located at 912 Drake Street in Columbia, Richland County, South Carolina. The site is a three acre property surrounded by a mixture of residential and commercial properties. The site is bounded to the northwest by Drake Street, to the southwest by Bruce Street, to the east by residential properties along True Street, and to the north by the former M.B. Kahn Construction Company property. Several multi-unit residences and one single dwelling home are located within 50 yards of the site across Drake Street.

COCC owned and operated a specialty chemical facility from the 1944 until 1984 at which time the operation was relocated to the Cassatt community in Kershaw County, South Carolina. A wide variety of chemicals were produced at the facility, including insecticide formulations, industrial cleaners, and small quantities of specialty chemicals for use in research. Several hundred chemicals were manufactured at the plant. The primary product lines included bromine, iodine substituted aliphatics, mercaptans, alkyl phosphonates, nitriles, and dimethyl sulfide.

The original plant was destroyed by fire in 1958. The plant was subsequently rebuilt on its original location; however, over the years several other fires damaged various parts of the facility. During the course of the facility's operation, Records suggest that soils on the site were contaminated by waste materials which were spilled, dumped, or buried on-site. Records suggest that during the 1970's COCC installed a chemical holding tank, or sump, to collect liquid wastes. Records suggest that much of the waste collected in the tank eventually leaked out.

**Current Activities**

Clearing and grubbing the Six (6) cells which will require excavation.

Remove concrete pads within the excavation zone and stage for sampling.

Construct Temporary storage cell for excavated soils

Excavated Grids 5, 10 and 16 and collected conformation samples and expect a 2 week turnaround

To date an estimated 432 cubic yards of soils has been excavated and stockpiled.

**Planned Removal Actions**

UPCOMING ACTIVITIES

- Provide site security / access control;

- Clear and grub, setup temporary staging for contaminated soils, and support areas;

- Excavation of contaminated grids;
  1. Perform air monitoring and dust control as needed;
  2. Sample and profile excavated soils;
  3. Dispose of contaminated soils offsite;

- Backfill areas with clean soil;

- Install erosion control; and

- Provide post-closure site controls, i.e., signage, deed restrictions, etc

### Next Steps

Continue Excavation of Grids 4, 6, and 15

Determine total volume of soil excavated for T&D

### Key Issues

Public Meeting held on January 17, 2008

Any unexpected unearthed waste during excavation of contaminated grids

Removing and sampling the concrete from the pads within the contaminated grids as well as the soil underneath the concrete pads. Results can drastically change the cost of T&D.

Off site disposal of excavated soils

### Estimated Costs \*

	Budgeted	Total To Date	Remaining	% Remaining
<b>Extramural Costs</b>				
ERRS - Cleanup Contractor	\$591,228.00	\$71,439.98	\$519,788.02	87.92%
START - Field Work	\$75,000.00	\$14,300.00	\$60,700.00	80.93%
START - LAB	\$44,100.00	\$15,303.75	\$28,796.25	65.30%
<b>Intramural Costs</b>				
<b>Total Site Costs</b>	<b>\$710,328.00</b>	<b>\$101,043.73</b>	<b>\$609,284.27</b>	<b>85.78%</b>

\* The above accounting of expenditures is an estimate based on figures known to the OSC at the time this report was written. The OSC does not necessarily receive specific figures on final payments made to any contractor(s). Other financial data which the OSC must rely upon may not be entirely up-to-date. The cost accounting provided in this report does not necessarily represent an exact monetary figure which the government may include in any claim for cost recovery.

[response.epa.gov/COCC](http://response.epa.gov/COCC)

POLREP #2 Last Updated 1/30/2008