

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

**Date:** Friday, April 24, 2009

**From:** Brian Kelly

**Subject:** Continue Removal Activities  
Southern Illinois Railcar  
7570 Ottawa Road, Cairo, OH  
Latitude: 40.8470000  
Longitude: -84.0830000

|                          |                    |                            |                |
|--------------------------|--------------------|----------------------------|----------------|
| <b>POLREP No.:</b>       | 5                  | <b>Site #:</b>             | B5QP           |
| <b>Reporting Period:</b> | 4/20/09 to 4/24/09 | <b>D.O. #:</b>             |                |
| <b>Start Date:</b>       | 12/2/2008          | <b>Response Authority:</b> | CERCLA         |
| <b>Mob Date:</b>         | 12/2/2008          | <b>Response Type:</b>      | Emergency      |
| <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 Southern Illinois Railcar (SIR) Site is located at 7570 Ottawa Road, Cairo, Allen County, Ohio 45807. The facility is a former fertilizer plant adjacent to the Warrington Ditch a tributary of Rattlesnake Creek and Little Auglaize River. The Site is currently owned and operated by Southern Illinois Railcar as a railcar repair facility.

**Current Activities**

See POLREP #1 for initial response.

On Monday April 20, 2009, AES continued to work on berm construction activities around the proposed soil stockpile location at the landfarm area. Additionally, AES loaded out 6,000 gallons of ammonia water and transported offsite to Lima Wastewater.

On Tuesday April 21, 2009 AES completed the berm construction activities at the landfarm. AES started excavating soil using a 2 foot cut at the former South Warehouse. Soils excavated from the former South Warehouse were transported to the landfarm by dump truck and stockpiled inside the berm area for future landfarming activities. A total of 9 water trucks were loaded out and transported 54,000 gallons of ammonia water to United Wastewater in Cincinnati, OH. A total of 2 water trucks were loaded out with ammonia water and transported 6,000 gallons to Lima Wastewater.

Two 30 cubic yard roll-off boxes containing soil and urea were transported offsite to the Evergreen Landfill located in Toledo, OH.

On Wednesday April 22, 2009 AES resumed loading out dump trucks with excavated soil from the former South Warehouse and stockpiled the soil inside the berm area next to the landfarm. AES also started to repair silt fence in areas where the silt fence had been ripped or damaged. Additionally, a total of 24,000 gallons of ammonia water was transported offsite to United Wastewater. A total of 9,000 gallons was transported using 3 trucks to Lima Wastewater.

Additionally, one 30 cubic yard roll-off box containing soil and urea was transported offsite to Evergreen Landfill.

On Thursday April 23, 2009 AES continued to excavate soil from the former South Warehouse and stockpile soil inside the berm area next to the landfarm for future landfarming activities. AES continued to work on silt fence repairs across the site. AES started to remove large stone placed in the ditch areas to prepare for future soil excavation in these areas. The excavated stone was placed in a roll-off box and will be transported to a landfill disposal facility. A total of 18,000 gallons of ammonia water were transported offsite to United Wastewater and 9,000 gallons of ammonia water were transported to Lima Wastewater respectively.

On Friday April 24, 2009 AES continued to excavate soil from the former South Warehouse and transport the soil material to the berm area next to the landfarming area. AES installed a silt fence around the berm area to control any migration of soils from the site. AES removed residual granular urea material from around the foundation of the North Warehouse. A total of 9,000 gallons of ammonia water was transported on 3 trucks to Lima Wastewater. A total 12,000 gallons of ammonia water was loaded out on two trucks and transported to United Wastewater, respectively.

One 20 cubic yard roll-off box containing large diameter stone was transported offsite to County Environmental of Wyandot in Carey, OH. The large diameter stone was excavated from the ditch areas at the site.

AES collected surface water quality readings for pH, temperature, and ammonia concentration from Warrington Ditch, which is due East of the site. AES collected readings upstream of the site at the culvert on the South side of Hook Waltz Road. The following readings were recorded: pH 9.53, temperature 24.8 degrees Celsius, and 0.0 parts per million for ammonia. Readings were also collected downstream of the site on the North side of the railroad spur. The following readings were recorded: pH 8.86, temperature 19.8, and 0.0 parts per million for ammonia.

The storm water management task will continue during removal activities.

To date, a total of 2,703 tons of impacted stone debris has been removed and disposed at County Environmental of Wyandot located in Carey, Ohio. Additionally, 2,809,324 gallons of ammonia water has been transported offsite to United Wastewater and 159,000 gallons has been transported to Lima Wastewater.

#### **Planned Removal Actions**

Continuous Ammonization Building Stone Removal

South warehouse soil removal

Stock pile soil from the South Warehouse

North warehouse soil removal

North ditch soil removal

South ditch soil removal

East ditch soil removal

#### **Next Steps**

Continue to stockpile soil excavated from the former South Warehouse inside the berm area for future landfarming activities. Excavate soil from the onsite drainage ditches onsite.

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