

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

**Date:** Wednesday, December 31, 2008

**From:** Steven Renninger

|            |                               |                       |
|------------|-------------------------------|-----------------------|
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|            | Sean McEldowney, Phillipsburg | David Evans, PFD      |
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**Subject:** Continuation of Removal Action  
Phillipsburg Park Lead Site  
201 Milan Avenue, Phillipsburg, OH  
Latitude: 39.9021349  
Longitude: -84.4062152

|                          |                          |                            |                |
|--------------------------|--------------------------|----------------------------|----------------|
| <b>POLREP No.:</b>       | 3                        | <b>Site #:</b>             | B5PG           |
| <b>Reporting Period:</b> | 11/18/2008 to 12/31/2008 | <b>D.O. #:</b>             | 011            |
| <b>Start Date:</b>       | 10/14/2008               | <b>Response Authority:</b> | CERCLA         |
| <b>Mob Date:</b>         | 10/14/2008               | <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>     | OHN 000 510 290          | <b>Contract #</b>          | EP-S5-08-02    |
| <b>RCRIS ID #:</b>       |                          |                            |                |

**Site Description**

The Phillipsburg Hunters Club operated a shotgun shooting range (trap range) from 1925-1988 at 201 Milan Road, Phillipsburg, Ohio. The Village of Phillipsburg has since converted the Site into a community park.

The Site occupies approximately 13 acres in a mixed agricultural and residential area. The Site is bordered by Park Drive to the north, Milan Road to the east, Brookeville-Phillipsburg Road to the west, and open land to the south. The Site includes three softball fields, playground, picnic pavillion, two tennis courts, a rental reception hall, and the village municipal building within the park. In addition, pre-high school softball and baseball leagues play at the park during the summer.

On May 7, 2008, the Ohio EPA collected surface soil samples at the park. Analytical results documented concentrations of lead in surface soil in excess of 400 parts per million (ppm), as high as 5,979 ppm.

On May 21, 2008, the Ohio EPA requested U.S. EPA assistance in conducting a time-critical removal action investigation at the Phillipsburg Community Park in Phillipsburg, Ohio. The Phillipsburg Community Park was used as a trap shooting range from 1925 to 1988. Ohio EPA noted that the shooting stations are still present but no longer in use.

On June 16, 2008, U.S. EPA collected ten surface soil samples from the Site for total lead analysis to confirm previous soil sample results in the park. Sample results documented all ten surface soil samples with total lead concentrations greater than 400 ppm, with a high total lead concentration of 4,010 ppm.

On July 29, 2008, the Ohio Department of Health (ODH) completed a Health Consultation for the site and concluded that lead contaminated soil at the Site currently pose a "Public Health Hazard" to park visitors. ODH recommendations include removal of lead contaminated soil > 400 ppm.

On August 25, 2008, the U.S. EPA met with Village representatives (Mayor, Fire Chief) to discuss future

removal work. Items included in the discussion were EPA's mobilization date in October 2008, and the Site Emergency Contingency Plan. Week of September 15, 2008: A Final Site Emergency Contingency Plan was distributed to Village representatives. On September 23, 2008, U.S. EPA met with the Village Council and provided a brief presentation on future removal action.

During the week of October 14, 2008, EPA mobilized personnel (EPA START contractor and ERRS contractor) and equipment to initiate the removal action (See POLREP 1). Perimeter and hot zone air monitoring initiated. Site security initiated.

From October 20, 2008 - November 14, 2008 the following removal actions were completed: Perimeter and hot zone air monitoring continued by START. ERRS completed excavation in Grids A6, B6, A7, B7, C7, D7, E7, F7, A8, G7, B8, F8, G8, G9, H9, H10, D8, E8, A9, C9, and D9. As of November 14, 2008, approximately 3,990 tons of lead contaminated soil were transported for off-site disposal.

#### **Current Activities**

Week of November 17, 2008: Perimeter and hot zone air monitoring continued by START. ERRS completed excavation in Grids B9, A10, B10, C10, D10, I11, H11, and G11. Soil transported for off-site disposal.

Week of November 24, 2008: Perimeter and hot zone air monitoring continued by START. ERRS completed excavation in Grids C11, D11, E11, and F11. Soil transported for off-site disposal.

Week of December 1, 2008: Perimeter and hot zone air monitoring continued by START. ERRS completed excavation in Grids F12, G12, H12, and I12. Soil transported for off-site disposal.

Week of December 8, 2008: Perimeter and hot zone air monitoring continued by START. ERRS completed excavation in Grids C12, D12, E12, C13, D13 and E13. Soil transported for off-site disposal.

Week of December 15, 2008: Perimeter and hot zone air monitoring continued by START. ERRS completed excavation in Grids F13, G13, H13, I13, F14, G14, H14, and I14. Soil transported for off-site disposal.

Week of December 22, 2008: Perimeter and hot zone air monitoring continued by START. ERRS completed excavation in Grids D14 and E14. Soil transported for off-site disposal. To date, 8,616 tons of lead contaminated soil has been transported for off-site disposal.

#### **Planned Removal Actions**

- Continue excavation of lead contaminated soil.
- Continue perimeter and hot zone air monitoring.
- Continue treatment of excavated soil.
- Continue off-site transportation and disposal of soil to Waste Mang - Stoney Hollow Landfill in Dayton.
- Continue site security.

#### **Next Steps**

- Continue excavation of lead contaminated soil.
- Continue perimeter and hot zone air monitoring.
- Continue treatment of excavated soil.
- Continue off-site transportation and disposal of soil to Waste Mang - Stoney Hollow Landfill in Dayton.
- Continue site security.

#### **Key Issues**

The EPA removal action will mitigate lead contaminated soil as high as 39,000 parts per million in surface soil at the Phillipsburg Community Park. To date, 8,616 tons of lead contaminated soil has been transported for off-site disposal.

#### **Disposition of Wastes**

| Waste Stream           | Quantity   | Manifest # | Disposal Facility                                    |
|------------------------|------------|------------|------------------------------------------------------|
| Lead Contaminated Soil | 8,616 tons |            | Waste Mangement - Stoney Hollow Landfill, Dayton, OH |

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