

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

**Date:** Friday, May 11, 2007

**From:** Dominic Ventura

**Subject:** Continuation of work  
Elkton Farm Firehole  
183 Zeitler Rd., Elkton, MD  
Latitude: 39.6292184  
Longitude: -75.8681150

<b>POLREP No.:</b>	39	<b>Site #:</b>	A3DH RV
<b>Reporting Period:</b>		<b>D.O. #:</b>	
<b>Start Date:</b>	1/31/2006	<b>Response Authority:</b>	CERCLA
<b>Mob Date:</b>	1/31/2006	<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**

Work Mission Statement:

Safely and efficiently investigate and remove Munitions and Explosives of Concern (MEC); Materials Potentially Possessing an Explosive Hazard (MPPEH), Munitions Debris (MD) and explosively contaminated soil(TNT) from the Elkton Farms Firehole Site, as defined in EPA's geophysical study.

**Current Activities**

Removal Action Activities continue during the week of 5/7/07 through 5/11/07. Local weather has not been a factor during the week's activities. ERRS and their sub UXO contractor, USA Environmental Inc, continued/completed Grid clearance activities in Grids C4c, K4d, C3d, I4c, and C3a. USA continues to utilize a two team approach to Phase 1 activities as per Work Plan.

A QC inspection was done on 5/8/07 to assess Grid C4c. EPA performed a QA inspection on Grid C4c to ensure that the Grid has been cleared as per the FOSCs discretion. The grid was deemed 'passed' on 5/8/07.

A QC inspection was completed on C3d on 5/10/07. EPA performed a QA inspection on Grid C3d on 5/10/07. The grid was deemed 'passed' on 5/10/07 as per the FOSCs discretion.

Team #2 completed a 5.5 day sweep of Grid K4d on 5/9/07. In the southern portion of the Grid, an area with a high concentration of anomalies was identified. Considerable excavation was conducted and no significant anomalies were uncovered. It appears that soils containing conductive or magnetic components were present in the Grid ('Mineralized Ground'). EPA performed a QA of the Grid on 5/11/07 and passed the grid.

Team #1 completed sweep of C3b on 5/11/07 and QC commenced on the Grid at 1530. Daily morning Safety Meetings and Tailgate Meetings continue with site personnel as per the WP. Daily activities include clearing of metal anomalies within 1.5ft bgs.

Both teams will continue/begin mag and dig activities in Grids I4c and B3b, as per the FOSCs direction. EPA conducted its weekly operations meeting in the late afternoon of 5/10/07 with GES, USA, RMC and TTNUS to discuss productivity, QA/QC and health and safety.

The following items have been recovered from 5/7/07 through 5/11/07:

MEC Items = 125  
No. of Digs = 3217  
MD in lbs. = 50.85

Lbs. of Scrap = 50.6

Lbs. of Hot Rocks = 101

Two SOPs were finalized by EPA/START/GES:

a. QA final clearance SOP

b. Mineralized Ground assessment and clearance

**Planned Removal Actions**

I4c sweeping activities will continue by Team #2. Team #1 will begin sweep of B3b on 5/14/07. GES will began prep activities for its pilot testing of the Phase II Soil Washing plan. GES will prepare for implementation of the "mineralized ground" SOP.

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