

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

**Date:** Tuesday, July 18, 2006

**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>	28	<b>Site #:</b>	A3DH RV
<b>Reporting Period:</b>	7/3 - 7/14	<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**

During this reporting period the intrusive activities continued within grids: K1,I5.

Weather conditions continue to hamper site activities. Extreme heat and thunderstorms contributed to limited work scheduling during this reporting period. In addition the July 4 holiday added to limited work activities.

IPC personnel completed the covering of the piles of asbestos tiles within the contaminated soils. IPC personnel completed the posting of these piles and erection of snow fencing to clearly delineate the area.

EPA and the USACE agreed to a change in the SOW to focus IPC on completion of Phase I magging and digging in lieu of any Phase II work. Due to the asbestos contamination within the piles in Phase II, the USACE was concerned that its contractor is not fully capable of properly managing munitions in association with the required upgraded level of PPE required by the asbestos SOP. Therefore it was agreed by EPA and MDE that IPC would attempt to complete Phase I magging and digging. In addition, the Taz equipment would be refocused from Phase II excavation activities to Phase I high dense anomaly areas. Toward this end, EPA requested that an SOP be developed to cover Taz excavation of these high dense anomalies (clusters) within Phase I area. There are three distinct areas of high dense anomalies: Grid A4; Intersection of grids F6, G6, F5 and G6 (100sft); Intersection of grids F5, G5, F4, and G4 (125sft).

The EPA FOSC continues to conduct project weekly conference calls, every Tuesday between EPA, MDE and USACE. EPA's Start contractor maintains the minutes of these discussions.

**MPPEH RECOVERED DURING WEEK AND DISPOSITION: (SHA-Safe Holding Area)**

- (19) 40mm tracer elements MMPEH Grid K-1C
- (4) 40mm tracer elements MMPEH Grid I-5 D
- (8) 40mm Unfuzed HE Projectiles
- (6) 40mm Tracer Elements
- (1) slap Type Flare Base
- (1) 20mm HE (possible)

- (8) ea 40 mm tracer elements
- (2) Hand Grenade fuzes MD Grid K-1C

Through July 14, 2006 the following stats apply (nominal change since the previous reporting period):

Total grids - 66 (200x200)

Grids cleared - 27.75

Percent complete - 42%

Grids cleared this reporting period: 0.75

Grids Government Qc'd - 27.75

Grids failed - 0

Total Number of digs - 64,178

Number of live MPPEH - 2,990

Pounds of MPPEH/MD found - 381

Pounds of non MEC scrap found - 1,597

Refer to this web site for updated adobe map of site completion activities:

<https://www.epaosc.net/sites/1299/files/grid%20data%20update%20map%20060713.pdf>

### **Planned Removal Actions**

IPC will continue with Phase I magging and digging activities including Taz excavation of high dense anomalies identified.

EPA and MDE are presently discussing potential avenues for developer involvement with Phase II grids and soils.

### **Key Issues**

On July 12, EPA START contractor, with FOOSC oversight, pulled numerous composite samples of the soils from the pits. Samples were hand delivered to a rep from ERM. ERM will analyze these samples for asbestos, metals and volatiles. This info will assist ERM and the developer determine options for disposal of Phase II grids.

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