

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

**Date:** Wednesday, March 22, 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>	16	<b>Site #:</b>	A3DH RV
<b>Reporting Period:</b>	03/13 - 03/17/2006	<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 . IPC continued magging and digging in grids A4, H5, F6, K5 and K6. These activities included magging and flagging of all metal items and the hand shovelling of these flagged materials. Grid A4, immediately adjacent to the tree line, revealed the presence of a potential pit or other cluster of MPPH/MD. This was identified as such in the original geophysical study performed by EPA. A meeting onsite between EPA, MDE, USACE and IPC on 3/19 determined that the grid would be abandoned and that the Rangemaster would be utilized to clear it. In addition the area would be expanded into the tree line in order to "chase" the material. IPC will clear a swath of brush and small vegetative matter in prep for Rangemaster.

IPC reinstalled warning signs along Zeitler Rd. that were previously destroyed by trespassers.

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

- 60-ea 40mm tracers, SHA, Grid H-5
- 2-ea HE Boosters, SHA, Grid H-5
- 3-ea Partial Slap Flares, SHA, Grid H-5
- 15-ea 40mm tracers, SHA, Grid H-5
- 2-ea HE Boosters, SHA, Grid H-5
- 1-ea E5 incendiary bomb fuze w/out booster or FF mixture, SHA, Grid A4
- 1-ea 4lb incendiary bomb
- 4-ea 40mm tracers, Grid A-4, SHA
- 1-ea slag approx 3 lbs, w/40mm tracers, Grid A-4, SHA
- 1-ea partial 4lb incendiary bomb AN/M50, Grid A4, SHA
- 1-ea partial 4lb incendiary bomb, AN/M50X, Grid A-4, SHA
- 1-ea flare base w/residue, Grid K-6, SHA
- 30-ea, 40mm tracers, Grid H-5, SHA
- 1-ea, partial flare, Grid H-5, SHA
- 1-ea, partial star cluster flare, Grid H-5, SHA
- 7-ea 40mm tracer elements, Grid F-6, SHA
- 38-ea 40mm tracers, Grid H-5, SHA
- 4-ea flares bases, Grid H-5, SHA
- 1-ea, unknown frag, Grid K-5, SHA
- 1-ea, flare base, Grid K-6, SHA

Through Mar 09, 2006 the following stats apply:

Total grids - 66 (200x200)

Grids cleared - 13

Grids Government Qc'd - 13

Grids failed - 2

Total Number of digs - 5,546

Pounds of MPPEH/MD found - 277

Pounds of live MEC items found - 138

Pounds of non MEC scrap found - 673

Percent complete Phase I - 20%

### **Next Steps**

Continue with mag and dig operations within Phase 1 area.

### **Key Issues**

USACE to produce Right of Entries (Access Agreements) for Rangemaster mobilization to site. It appears that three private property owners will have to provide approval for this large equipment to traverse their property. Schedule for this mobilization is expected to be mid April.

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