

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

**Date:** Monday, January 7, 2008

**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>	54	<b>Site #:</b>	A3DH RV
<b>Reporting Period:</b>	Dec11-Dec31	<b>D.O. #:</b>	
<b>Start Date:</b>		<b>Response Authority:</b>	CERCLA
<b>Mob Date:</b>		<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**

The following stats apply since remobilization occurred on April 24, 2007:

1. Total Grids Cleared Gov't QA: 65
2. Total MEC found: 17,160 (MEC items include detonators, grenade fuze, blasting caps, tracer elements, incendiary bomblets, flares etc. etc.)
4. Total MD found: 2,355lbs.
5. Scrap metal found: 670lbs
6. Total Phase II processed soils: 78,311 cuft.

Specific grids that were worked (both Phase I and II) and passed QA this reporting period included:  
G2c,E3c.

An evaluation of the quantity of MEC items found on the screens within the Phase II soil hydro aeration separation process has revealed the following stats:

3274 items on the top screen  
1516 items on the bottom screen  
4790 total MEC items

Air monitoring for dust and particulate consistently reveals levels less than the TWA standard established for the site by OSHA. Air sampling for asbestos fibers has been completed on eight separate sampling events. Thus far no ACM fibers of any appreciable quantity have been detected.

Refer to Polrep 53 for update on EPA's proposed scope of work for the phase II soils. The EPA OSC met with the Cecil County Commissioners on December 18,2007. Purpose of this meeting was for the OSC to lay out this proposed SOW to them and to answer questions.

EPA completed hazard characterization tests including reactivity and leachability on a select quantity of the staged tracer elements. Approximately 72 MEC classified tracers were evaluated. Final report is forthcoming. Preliminary results reveal no hazard posed by these items.

Site will remobe on January 21, 2008 to commence Phase II SOW.

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