

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

**Date:** Tuesday, August 21, 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>	47	<b>Site #:</b>	A3DH RV
<b>Reporting Period:</b>	July 30 - Aug 17	<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**

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

1. Total Grids Cleared Gov't QA: 32
2. Total digs (anomalies): 46,259
3. Total MEC found: 6399 (MEC items include detonators,grenade fuze,blasting caps,tracer elements, incendiary bomblets, flares etc. etc.)
4. Total MD found: 1396lbs.
5. Scrap metal found: 1044lbs

Specific grids that were worked and passed QA this reporting period included C3b,I4d,K4a,H1d,G1c.

On July 26 and 27, START personnel retrieved baseline samples from the site as per Sampling and Analytical Plan (SAP). One aqueous sample was retrieved from the recharge pond, one aqueous sample was retrieved from each frac tank (2 total) and a sedimentation sample was retrieved from the sedimentation pond. Samples were forwarded to Ft. Meade (DAS) laboratory for target analyte list (TAL) metals, nitroaromatic compounds, target compound list (TCL) volatile organic compounds (VOC), TCL semivolatile organic compound (SVOC), pesticide, polychlorinated biphenyls (PCB) and perchlorate. All samples were split with the property owner for his separate analytical purposes. EPA's validated return of the data is pending.

GES and RMC implemented the "Small Primer and Detonator Cup Hazard Characterization Study" on Aug 3 and 4, 2007. Draft report was forwarded to FOOSC. Draft report concludes that "personnel exposure to small primers/detonator cups containing energetic materials is minimal and/or limited". In addition it concludes "The small primers/detonator cups do not appear to present an explosive risk to personnel, and do not appear to demonstrate the RCRA hazardous waste characteristic for reactivity".

Marley Road construction, which provides for site access of equipment and materials to the site, still has not been finalized. Herron 393 (property owner) had promised construction of such many months ago and reiterated this promise during the July 26 meeting with EPA. Without this access, costs for bringing materials and some equipment to the site in support of Phase II will be increased. FOOSC has to determine whether to proceed thereby absorbing the additional costs or wait for the road construction to be complete. In addition, Herron 393 still has not complied with locally posted stop work order, due to lack

of erosion control measures, at the excavated Marley Road construction site.

FOSC continues to conduct weekly project management meeting/conference call, which includes EPA, MDE, Start, GES, USA and RMC both field components and their offices.

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