

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

Date: Tuesday, October 30, 2007

From: Dominic Ventura

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

POLREP No.:	51	Site #:	A3DH RV
Reporting Period:	10/8 - 10/26/07	D.O. #:	
Start Date:	1/31/2006	Response Authority:	CERCLA
Mob Date:	1/31/2006	Response Type:	Time-Critical
Demob Date:		NPL Status:	Non NPL
Completion Date:		Incident Category:	Removal Action
CERCLIS ID #:		Contract #	
RCRIS ID #:			

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: 55
2. Total digs (anomalies): 118,186
3. Total MEC found: 32,856 (MEC items include detonators, grenade fuze, blasting caps, tracer elements, incendiary bomblets, flares etc. etc.)
4. Total MD found: 5534lbs.
5. Scrap metal found: 2039lbs
6. Total Phase II processed soils: 22,550 cuft.

Specific grids that were worked (both Phase I and II) and passed QA this reporting period included: I2a,I2b,J1b,K1b,C3c,D4d,F5a,D4a,F5b.

Phase II work continues in association with Phase I work. Phase I is surface whereas Phase II is excavation and processing of soils thru the hydroaeration stations. Approximately 22,550 cuft of phase II soils have been processed since Phase II work commenced on 9/18/07.

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 three separate sampling events. Thus far no ACM fibers of any appreciable quantity have been detected.

In an effort to determine the extent of the Phase II pits ie. aerial extent, the FOSC initiated an addendum to the Phase II Work Plan. This addendum titled "Exploratory Trenching Operations and Modifications to High Density Area Mechanical Excavations", allows for exploratory trenching to ascertain where the pits are located. This exploratory line trenching will help the OSC determine the extent and location of Phase II grids. In addition, this document allows for the transport of soils from the excavation area to the hydroaeration area via unarmored backhoe. The main justification for such is due to the rather poor visibility for the operator and the minimal potential for unintended detonation during this process.

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

conference calls with MDE, ORC and site assessment regarding site progress and site issues. On October 11, 2007 the FOSC conducted one such conference call on site via a meeting and site walk thru with all participants.

response.epa.gov/elktonfarmfirehole