

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

**Date:** Wednesday, August 2, 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>	29	<b>Site #:</b>	A3DHRV
<b>Reporting Period:</b>	07/17-07/27	<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: I5C,J4D,Taz anomaly 1, and 2. See map for reference to Taz anomaly areas: [https://www.epaosc.net/sites/1299/files/taz\\_areas1.pdf](https://www.epaosc.net/sites/1299/files/taz_areas1.pdf)  
As indicated in previous Polrep, the Taz would be used to excavate (per a written SOP) and sift anomaly areas of large clusters of metal debris which could be MPPEH. The above map depicts 4 distinct anomaly areas.

Demolition shots of MPPEH were conducted on July 18 and July 25. The following MPPEH were rendered safe during these shots:

- (2) 40mm HE Projectiles
- (1) 2mm HE Projectile
- (21) Parts of Thermite Bombs
- (2) Unknown Parts
- (96) Slap Flare Bases
- (59) 6" Burst Tubes

Weather conditions continue to hamper site activities. Extreme heat and thunderstorms contributed to limited work scheduling during this reporting period. The rain creates wet soils thereby hampering the Taz efforts within the anomaly areas.

IPC personnel continue to maintain the covering of the piles of the large pit piles.

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.

Priorities for the next reporting period are for IPC to complete as many grids/subgrids as possible focusing on open grids. The Taz will continue its support ops in the anomaly areas. Demobe of IPC and USACE is anticipated for August 24, 2006.

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

- (1) 40mm Unfuzed HE Projectiles
- (3) 40mm Tracer Elements
- (2) Slap Type Flare Base
- (6) 40mm Tracer Elements grid I-5C
- (39ea) 40mm Tracer Elements grid J-4D
- (2ea) Slap Flare Rkt Motors grid J-4D
- (3ea) HE Booster Pellet grid J-4D
- (47ea) 40mm Tracer Elements grid J-4D
- (1ea) Slap Flare Rkt Motors grid J-4D
- (1ea) Unknown Tube grid J-4D
- (48ea) 40mm Tracer Elements TAZ Pit 1
- (2ea) HE Booster Pallets TAZ Pit 1
- (3ea) Thuramite Pieces TAZ Pit 1
- (2ea) 6# Nose Weight with Residue TAZ Pit 1
- (25ea) 40mm Tracer Elements
- (2ea) HE Booster Pallets
- (8ea) Pieces and parts of Magnesium
- (30ea) 40mm Tracer Elements grid J4D
- (5ea) Hand grenade fuzes grid J4D
- (2ea) Slap Flare Bases grid J4D
- (700ea) Burster Tubes Taz Pit #2 Tailings
- (25ea) 40mm Tracer Elements Taz Pit #2 Tailings
- (72ea) HE Booster Pellets Taz Pit #2 Tailings
- (1ea) Slap Flare Base Taz Pit #2 Tailings
- (1ea) Incendary Bomb Piece Taz Pit #2 Tailings
- (21ea) 40mm Tracer Elements grid J4D SHA
- (8ea) Burster Tubes grid J4D SHA
- (146ea) Burster Tubes Taz Pit #2 Tailings SHA
- (25ea) 40mm Tracer Elements Taz Pit #2 Tailings SHA
- (19ea) Incendary HE Boosters SHA

Through July 27, 2006 the following stats apply (nominal change since the previous reporting period):

Total grids - 66 (200x200)

Grids cleared - 28.25

Percent complete - 42.8%

Grids cleared this reporting period: 0.25

Grids Government Qc'd - 28.25

Grids failed - 0

Total Number of digs - 71,437

Number of live MPPEH - 4242

Pounds of MPPEH/MD found - 472

Pounds of non MEC scrap found - 1,650

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

<https://www.epaosc.net/sites/1299/files/grid%20data%20update%20map%20060728.pdf>

### **Planned Removal Actions**

EPA will continue removal operations post USACE/IPC demobe on August 24, 2006. Towards this end the FOSC has initiated ERRs contractor selection for immediate specific tasks including site security/fencing and excavated soils/pile maintenance activities. The FOSC will initiate contractor selection activities for Phase II and remaining Phase I grids removal activities, during the fall months of 2006.

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