



west virginia department of environmental remediation  
Office of Environmental Remediation

VRP Project #: **15017**  
Brownfield Site: Yes  No   
Report Date: **12-7-15**  
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**OFFICE OF ENVIRONMENTAL REMEDIATION**  
**VOLUNTARY REMEDIATION PROJECT**  
**SITE VISIT/INSPECTION REPORT**

**APPLICANT**

**LRS**

NAME: <b>Freedom Industries</b>			NAME: <b>Matt Ford</b>			LRS# <b>240</b>		
ADDRESS: <b>1015 Barlow Drive</b>			ADDRESS: <b>533 N. Jefferson St., Suite 3</b>					
CITY: <b>Charleston</b>		STATE: <b>WV</b>	ZIP: <b>25311</b>		CITY: <b>Lewisburg</b>		STATE: <b>WV</b>	ZIP: <b>24901</b>
PHONE: <b>(304)720-2312</b>			PHONE: <b>(304) 520-4260</b>					
CONTACT: <b>Robert Johns, Spill Claim Plan Administrator</b>								

**LOCATION**

FACILITY: <b>Freedom Industries</b>		STREET ADDRESS: <b>1015 Barlow Drive</b>	
CITY: <b>Charleston</b>		COUNTY: <b>Kanawha</b>	PHONE: ( )
DATE OF VISIT: <b>December 7, 2015</b>	TIME IN: <b>~8:00 am</b>	TIME OUT: <b>~ 6:00 pm</b>	

SITE STATUS: Abandoned <input checked="" type="checkbox"/> Active <input type="checkbox"/>		UST's: Existing <input type="checkbox"/> Former <input checked="" type="checkbox"/>		SURFACE SOIL STAINING: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
SURFACE WATER ON OR ADJACENT TO PROPERTY: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		EXISTING MONITORING WELLS: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>			
Existing Structures Including Dimensions and Use: 1. Former/current office building (offices, small coal testing lab and storage) - ~125'L x ~85'W x ~30'H; 2. Garage/maintenance and vehicle storage building - ~225'L x ~55'W x ~20'H					
Chemicals of Potential Concern: 4-methylcyclohexanemethanol (MCHM), propylene glycol phenyl ether (PPH), calcium chloride, ethylene glycol, glycerin, polychlorinated biphenyls (PCB's), lead, petroleum hydrocarbons, volatile organic compounds (VOC's) and semi-volatile organic compounds (SVOC's)					
DRINKING WATER SOURCE: GW <input type="checkbox"/> Public <input checked="" type="checkbox"/> Other <input type="checkbox"/>		SURROUNDING LAND USE: Residential <input checked="" type="checkbox"/> Commercial <input checked="" type="checkbox"/> Industrial <input type="checkbox"/> Recreational <input type="checkbox"/> Agricultural <input type="checkbox"/> Other <input type="checkbox"/>			
OTHER AREAS OF CONCERN:					

**COMMENTS**

On-site at Freedom Industries above-ground storage tank (AST) release site @ 800 hrs. Excavation of MCHM/PPH contaminated soil scheduled to begin today. Matt Ford, Lafe Kunkel and Jared Sommers of CORE Environmental on-site, also Paul Peter of McIntosh Associates (air monitoring consultant). Mr Peter calibrating sample pumps and attaching charcoal tubes for air monitoring/sampling. Sotero Svingos of CORE on-site ~ 945 hrs. SPSI on-site ~ 1000 hrs. [SPSI employees include Lance Wilcox (Project Manager), Gary Houseman (excavator operator), Ron Holmes (excavator operator), Chuck Devine (worker), Jami Clapp (worker) and Conner Fritz (worker)]. Conducted site safety meeting ~ 1030 hrs, then went outside to review site work zones. Mr. Peter began locating positions for ambient air monitors (upwind and downwind)

At ~ 1100 hours, Mr. Kunkel went to collect surface water sample from Elk River (baseline sample prior to beginning excavation). SPSI employees began moving heavy equipment into excavation area 1A and delineating the work zone with caution tape. At ~ 1145 hrs, began fitting workers who will be in exclusion (contaminated ) zone with air monitors (Mr. Houseman & Mr. Holmes, excavator operators; Mr. Svingos, Mr. Kunkel and Mr. Sommers, workers/soil samplers).

Began excavating contaminated soil ~ 1245 hours in excavation area 1A. Excavating with two backhoes. This soil will be stockpiled into piles of ~ 300 cubic yards (cu. yds.) each. These will be sampled to determine if the soil needs to go to the landfill. Will take 5 samples /stockpile to characterize MCHM/PPH levels.

Break for lunch ~ 1400 hrs

Continue excavating/stockpiling soil @ 1500 hrs. Ran into some apparent old petroleum piping, but no liquids - piping was able to be removed. Also ran into foundation of wall perpendicular to river that was formerly part of secondary containment. This foundation could not be removed and will need to be hammered out with backhoe. No MCHM odors were noted in the office area at the southern

end of the site the entire day. A faint MCHM odor was detected while taking photos of the downwind air monitors at the northern end of the site.

Completed day 1 excavation activities ~ 1700 hrs. Workers and excavators completed decontamination (decon) and discarded disposable PPE in a drum located in the contamination reduction zone.

Discussed tomorrow's plans for excavation and sampling. Mr Peter collected personal air monitors from workers and prepared charcoal tubes for shipment to laboratory (ALS). Will meet on-site tomorrow @ 600 hrs for safety meeting/review of Health & Safety Plan (HASP). Hope to begin excavating by 700 hrs.

Departed site @ 1800 hrs

A numbered list of photos taken during day 1 excavation activities follows, with the photos attached below:

1. Moving excavators into place - looking north towards spill area
2. Beginning excavation ~ 12:45 pm
3. Excavating soil in southern end of Area 1A
4. Caution tape around exclusion zone (contamination area)
5. View of silt fence along riverbank - looking northwest
6. View of super silt fence below contaminated slope
7. Worker in Level C Personal Protective Equipment (PPE)
8. View of excavation work at northern end of Area 1A from truck entrance - looking northwest
9. View of excavation work at southern end of Area 1A from truck entrance - looking southwest
10. Downwind air monitors on northern end of site - looking south
11. Close-up of downwind air monitors
12. Soil stockpiles covered at end of day

**Project Manager's Signature:**



**Date:** 12-7-15

1.



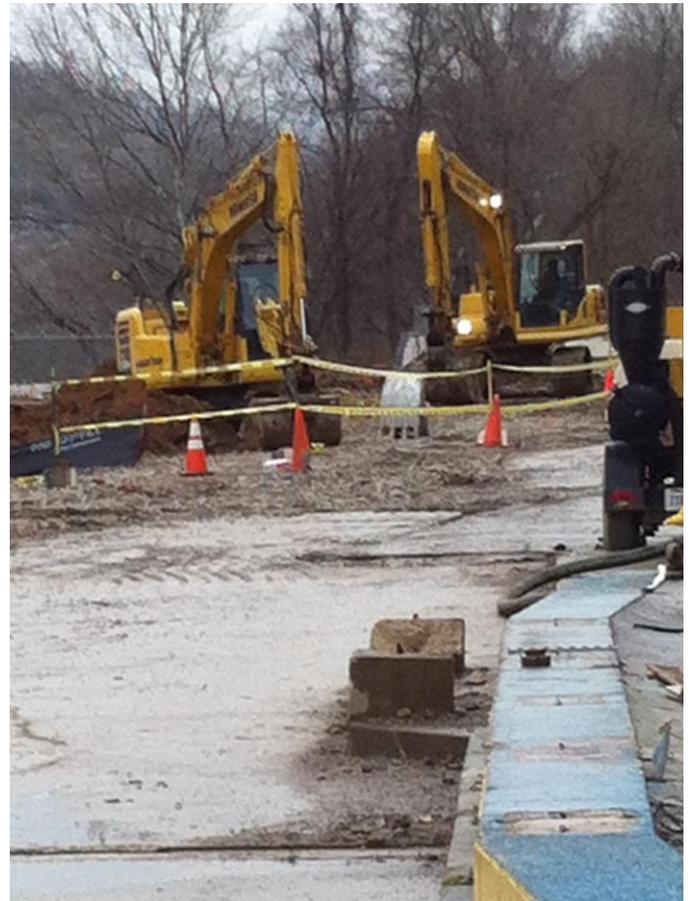
3.



2.



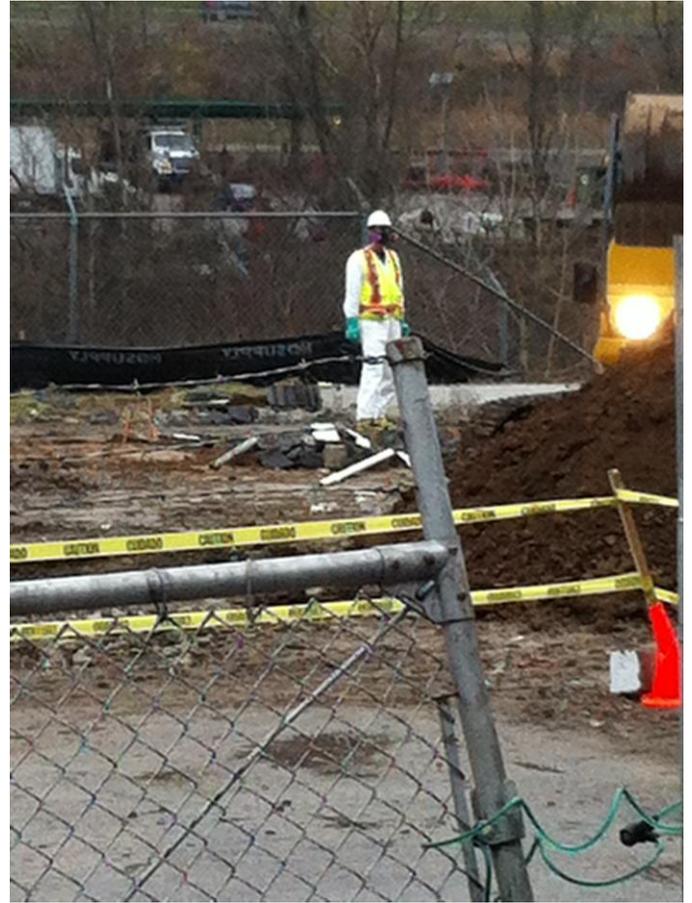
4.



5.



7.



6.



8.



9.



11.



10.



12.

