



west virginia department of environmental remediation
Office of Environmental Remediation

VRP Project #: **15017**
Brownfield Site: Yes No
Report Date: **1-4-16**
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OFFICE OF ENVIRONMENTAL REMEDIATION
VOLUNTARY REMEDIATION PROJECT
SITE VISIT/INSPECTION REPORT

APPLICANT

LRS

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

LOCATION

FACILITY: Freedom Industries		STREET ADDRESS: 1015 Barlow Drive	
CITY: Charleston		COUNTY: Kanawha	
DATE OF VISIT: January 4, 2016		PHONE: ()	
TIME IN: ~9:00 am		TIME OUT: ~ 1:00 pm	

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		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 AST release site @ ~ 900 hrs. Overcast, temperature ~ 28°. Brian Liptock and Kinder Tuckwiller of CORE on-site. Matt Ford of CORE arrived later. SPSI workers on-site [SPSI employees include Gary Houseman and Ron Holmes (excavator operators), and Chuck Devine and Conner Fritz (workers)]. All personnel are in Level D personal protective equipment (PPE) at this time (i.e., no respirators required), working in areas 1A, 1B and 2, which have been cleared for Level D PPE by Jim McIntosh, Certified Industrial Hygienist (CIH) based on previous air monitoring results in these areas.

Excavating contaminated soil from Area 2 today. Moderate to strong petroleum odors noted in this area, but no MCHM odor. Work in this area somewhat hampered by an active gas line. Two additional gas lines were also found cut and abandoned in this area - these lines take the same general path off-site to the east as the active line. Portions of the abandoned lines have been removed. Will also excavate additional contaminated soil from Area 1B today based on previous soil confirmation sample results. Still need to resample one area in northeast corner of Area 1A to clear that area for final backfill - hope to take that sample this afternoon. An additional 1000 tons of soil was approved by the WVDEP/Solid Waste Section based on a Permit Modification Request from the City of Charleston Landfill. Total approved tonnage is now 6000 tons. Clean backfill material has been stockpiled in Area 1A for final backfill. As of 1300 hrs, twelve truckloads of soil have been taken to the landfill today.

No personal or ambient air monitoring today. Predominant wind direction today is south to southwest. Took drive to monitor air quality. Wind is steady with occasional gusts. Drove north on Barlow Drive - at ~ 1/4 mile north of site no MCHM odor noted. At ~ 1/10 mile north of site, no odor noted. Petroleum odor noted adjacent to truck entrance where trucks are loaded. No odors in area of office where trucks park prior to departing (to complete manifest). No odors noted south of site.

Departed site @ 1300 hrs

A numbered list of photos taken during day 15 (1/4/16) of excavation phase of project follows, with the photos attached below:

1. Decon of truck leaving for City of Charleston Landfill - looking southwest
2. Area 1A partially backfilled with clean soil
3. Clean fill stockpiled in Area 1A
4. Excavating contaminated soil in Area 2
5. Closeup of active gas line in Area 2 and two previous gas lines that were found cut and abandoned; third abandoned line to left is former water line

Project Manager's Signature:



Date: 1-4-16

1.



3.



2.



4.



5.

