



west virginia department of environmental remediation
Office of Environmental Remediation

VRP Project #: **15017**
Brownfield Site: Yes No
Report Date: **12-28-15**
Page **1** of **3**

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				PHONE: ()			
DATE OF VISIT: December 28, 2015				TIME IN: ~9:00 am				TIME OUT: ~ 11:30 am			

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 ~ 51°. Water collection and disposal is main priority today. Lafe Kunkel & Matt Ford of CORE Environmental on-site. Brian Liptock of CORE on-site a little later. SPSI workers on-site [SPSI employees include Lance Wilcox (Project Manager), Gary Houseman (excavator operator), Joshua Thayer, Jami Clapp, and Kevin McClain (workers)]. Paul Peter of McIntosh Associates (air monitoring consultant) also on-site. Workers in Level D PPE today; water pumping and disposal is main priority. Heavy rain on Christmas Day resulted in water collection in excavation areas - this is all being pumped to frac tanks to go to CSB for disposal, however CSB will only take 4 loads/day. Four of five on-site frac tanks are full, fifth tank is 3/4 full. One BBU truck on-site upon arrival, 2nd truck arrived while on-site. Water is pumped from frac tanks through filter to BBU trucks for disposal. Additional water will be trucked to Eco-First.

CORE is updating excavation area maps with results of confirmation sampling. Five samples from Area 1A and two samples from Area 1B had detections of MCHM and or PPH - these areas will need additional excavation and sampling.

No personal or ambient air monitoring yet - may continue excavation later today. Took drive to monitor air quality. Wind is mostly calm with only a slight breeze now and then. 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. No odor noted adjacent to truck entrance where trucks are loaded. Very slight odors in area of frac tanks. No odors noted south of site.

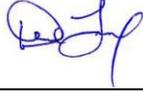
May try to excavate additional soil from areas 1A and 1B today if able to completely dewater these areas.

Departed site @ 1230 hrs

A numbered list of photos taken during day 11 of excavation phase of project follows, with the photos attached below:

1. BBU truck loading water for disposal
2. Area 1A partially dewatered
3. Pumping water from frac tank for disposal
4. 2nd BBU truck on-site for water disposal

Project Manager's Signature:



Date: 12-28-15

1.



3.



2.



4.



Charleston – Original

Copy – Project Manager

Copy - Applicant