



west virginia department of environmental remediation
Office of Environmental Remediation

VRP Project #: **15017**
Brownfield Site: Yes No
Report Date: **12-9-15**
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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

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|--|--|--|--|--|--|-----------------------------|--|--|--|--|--|
| FACILITY: Freedom Industries | | | STREET ADDRESS: 1015 Barlow Drive | | | | | | | | |
| CITY: Charleston | | | COUNTY: Kanawha | | | PHONE: () | | | | | |
| DATE OF VISIT: December 9, 2015 | | | TIME IN: ~6:00 am | | | TIME OUT: ~ 11:30 am | | | | | |

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|--|--|--|--|--|--|--|--|--|--|--|--|
| 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 @ 600 hrs. Excavation of MCHM/PPH contaminated soil continues today. Lafe Kunkel, Sotero Svingos and Jared Sommers of CORE Environmental on-site, Matt Ford had UST closure to attend, hopes to be on-site this afternoon. Lafe Kunkel is current site supervisor. Paul Peter of McIntosh Associates (air monitoring consultant) on-site and all SPSI workers on-site [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)]. Workers begin dressing out in Level C and Level D PPE, depending on what area they're working in. Mr Peter already calibrating sample pumps, replacing batteries and attaching charcoal tubes for air monitoring/sampling. Conducted site safety meeting ~ 630 hrs. Site work zones same as yesterday, however, exclusion (contamination) zone will spread into Area 3 today.

At ~ 715 hours SPSI employees began moving heavy equipment into excavation area 3 and delineating the work zone with caution tape. At ~ 715 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 ~ 730 hours in excavation Area 3. Excavating with one backhoe, while the other moves soil for easy loading into trucks. Dozer also being used to stockpile soil. 1st truck due on-site @ 830 hrs - hope to run trucks in 15-minute shifts. However, will be mindful of trucks backing up on Barlow Drive and will take measures to prevent this. Soil now stockpiled for direct loading into trucks - no sampling - this soil is all impacted with MCHM/PPH and petroleum. Mr. Peter began positioning ambient air monitors (upwind and downwind) ~ 800 hrs, also same locations as yesterday. Called Mountaineer Gas due to excavation issues with a potential live gas line - Mountaineer Gas will send someone out. First truck on-site by 825 hrs; First five trucks loaded and out by 940 hrs. First truck back on-site just after 1000 hrs. Mountaineer Gas on-site ~1015 hrs - two shallow lines on-site are ~ 1' deep; deeper line (possibly from airport) runs through excavation area - this line may lie over top of an apparently abandoned line (source unknown) that CORE wanted to remove. Will likely need to call utility locator to determine where & how far abandoned line

runs. 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. Slight odor noted adjacent to site. Odors are moderate in area of office where trucks park prior to departing (to complete manifest).

As of 1120 hrs, 10 trucks total have left the site - trucks average 19-20 tons.

Departed site @ 1130 hrs

A numbered list of photos taken during day 3 excavation activities follows, with the photos attached below:

1. Decontamination of first truck loaded today - looking north
2. Brick wall and metal plates in road show boundary between decontamination zone and safe zone - looking west
3. Dozer and excavator working to load soil into trucks - looking southwest
4. Truck at truck entrance on Barlow Drive waiting to be loaded - looking south

Project Manager's Signature:



Date: 12-9-15

1.



3.



2.



4.

