



west virginia department of environmental remediation
Office of Environmental Remediation

VRP Project #: **15017**
Brownfield Site: Yes No
Report Date: **3-10-16**
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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			PHONE: ()					
DATE OF VISIT: March 10, 2016			TIME IN: ~ 1:00 pm			TIME OUT: ~ 2:30 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 @ ~ 1300 hrs with John Dempsey, DEP/DLR Assistant Director. Partly cloudy, ~ 65°; SPSI workers on-site (SPSI employees include Gary Houseman, Lance Wilcox & Larry Gaffga) to continue slope preparation/grading and capping. Matt Ford and Kinder Tuckwiller of CORE also on-site. Meeting today to discuss the revised plans for finishing the slope (Area 4), especially the toe of the slope.

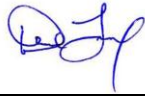
Everyone met at the collection trench area of the lower level to discuss the plans for the toe of the slope. The Terracon geophysical report of slope stability indicated that a 3:1 slope would not be stable. The report recommended that a pier wall be installed between the toe of the slope and the riverbank, however there is no budget for this option. The slope will be finished at a less than 3:1 slope, however, based on the conditions encountered when the excavator sunk into the mud at the toe of the slope on Tuesday of this week (3/8), the concern is how to keep the entire slope from slipping. It is clear that the original plan to install a clay wall at the toe of the slope between the toe and the collection trench will not work. CORE had hoped to be able to use on-site waste concrete and boulders (excavated during the grading of the slope) to stabilize the toe, but it is clear this will not work either. SPSI recommended building a buttress at the toe of the slope with large concrete blocks. The blocks are available at Smith Concrete, located almost directly across the Elk River from the site. A gravel trench will also be constructed at the toe of the slope to assist in water management. After significant discussion, everyone agreed this would be a good solution. Matt will develop a cost estimate for the needed materials and labor and forward to Patty Hickman. Also included will be final frac tank cleaning, water disposal, and frac tank demobilization (return to Baker), along with straw mulch, seed, straw blower and erosion control matting for final site vegetation.

SPSI will continue grading the slope, installing the cap on the upper portion of the slope (Area 3) and conducting final general site maintenance until the final plan is approved.

Departed site ~ 1430 hrs.

No photos were taken during today's site visit.

Project Manager's Signature:



Date: 3-10-16

