



west virginia department of environmental remediation
Office of Environmental Remediation

VRP Project #: **15017**
Brownfield Site: Yes No
Report Date: **5-2-16**
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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 25, 2016				TIME IN: ~2:00 pm				TIME OUT: ~ 4:30 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 @ ~ 1315 hrs. with Matt Ford, LRS. Cloudy, ~ 78°. Gate to site was closed but Matt still has access with gate control. Matt & I on-site to check on grass growth and slope.

Drove north to northern entrance of site. Observed good grass growth in former excavation area 1 driving to north gate. Got out of truck and walked to edge of slope - good grass growth in former excavation areas 2 and 3. Also good growth on soil mound - this is excess soil left over from the grading of the slope. Got back into truck and drove down to lower bench of site (collection trench area). River is up today, but still 10' below collection trench and concrete buttress. Good grass growth on slope. Coconut matting is doing good job of holding clay cap in place for the most part. Noticed several areas where water is still seeping out of the slope to the surface, despite the french drain installation. Noticed area near the concrete pump structure where it appears some slippage of soil has occurred, but this is very minor. Water is also pooling at the base of the slope behind the concrete buttress. No MCHM odor noticeable. No evidence of seeps on the river bank below the buttress. No evidence that buttress has moved at all. No evidence of seeps on the river bank below the additional retention trench that was installed with the french drain system. All in all, it appears the slope and cap is holding well. Drove back up to upper levels to northern end of site and top of slope. Good grass growth on upper slope and northern end of site. Gas company still has not replaced damaged gas line valve. Evidence of some drainage to surface on upper slope also.

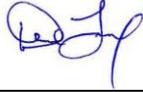
Took photos in all three areas.

Departed site ~ 1400 hrs. for DEP Office. Matt & I discussed additional site assessment work needed to complete the VRP process.

A numbered list of photos taken during today's site visit follows, with the photos attached below:

1. Grass growth in former excavation Area #1, looking southwest.
2. Grass growth on excess soil mound - looking north.
3. Grass growth in former excavation Area #3.
4. Grass growth in former excavation Areas 1, 2 & 3, looking south towards office building.
5. Coconut straw matting and grass growth on slope (former excavation Area #4) above concrete buttress.
6. Grass growth on slope - looking east.
7. Active seep and evidence of some sloughing of clay cap in area near concrete pump structure.
8. Concrete buttress and grass growth below, looking south.
9. Grass growth on lower (trench) level, looking north.
10. View of river bank below concrete buttress and retention trench.
11. View of upper slope area (former excavation Areas 3&4) - looking southwest..
12. View of slope and concrete buttress - lookoing west towards Elk River.
13. View of upper slope & damaged gas line area - looking northwest towards Elk River.

Project Manager's Signature:



Date: 5-2-16

1.



3.



2.



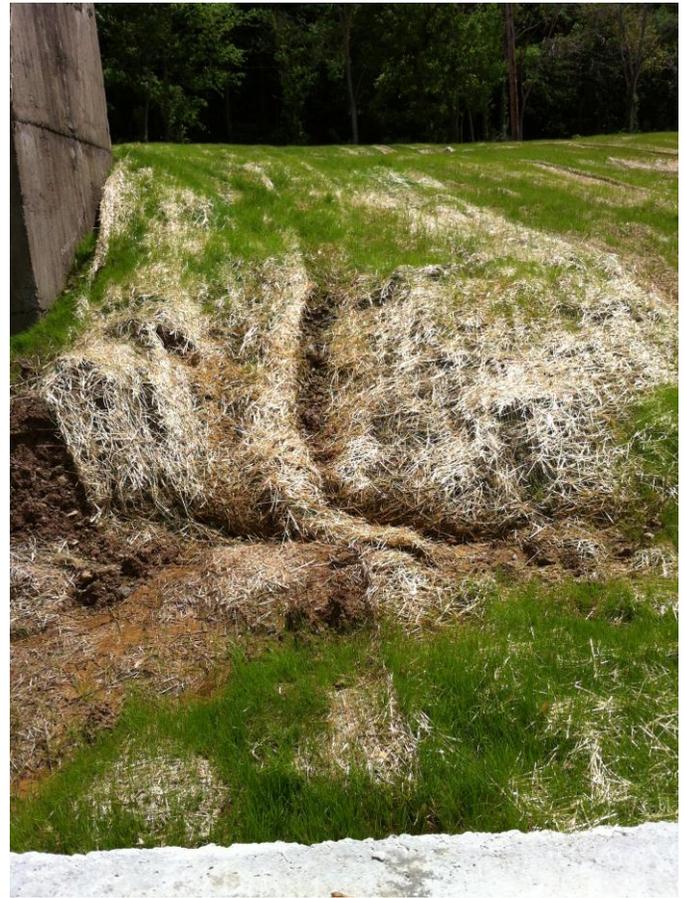
4.



5.



7.



6.



8.



9.



11.



10.



12.



