



west virginia department of environmental remediation
Office of Environmental Remediation

VRP Project #: **15017**
Brownfield Site: Yes No
Report Date: **3-25-16**
Page 1 of 7

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 @ ~ 1400 hrs. Mostly cloudy, ~ 50°; SPSI workers on-site (SPSI employees include Gary Houseman, Lance Wilcox & Larry Gaffka). Matt Ford and Kinder Tuckwiller of CORE on-site. Also visiting today are Dennis Stottlemeyer of WVDEP and summer intern Samantha (Sam) Holiskey. Tasks today include seeding, setting straw matting, blowing straw and final site maintenance. This is expected to be the final day of field work at the site.

Dennis walked upper portion of site with Sam to advise of previous tank locations and spill location. I drove to lower level to meet Matt & Kinder. Dennis and Sam walked down via the slope. Gave a brief overview of site history (spill scenario, assessment and remediation), concentrating on work completed since the site entered the Voluntary Remediation Program (VRP) for Sam's benefit. Answered questions from Sam and Dennis; Matt was also involved in the site discussion. Upper level of site is complete - entire excavation area was seeded (see photos #10-15 below). Straw erosion matting laid in graded slope area (see photos 4&6) - coconut straw matting was used for the primary slope area where the french drain was installed (see photo 5). Flat excavation areas were covered with blown straw (see photos 10&11). SPSI was busy blowing straw on lower level when I arrived. Kinder installed a large green boom with wooden stakes for erosion control below and adjacent to the concrete buttress (see photos 2&8) . Buttress was finished yesterday - final construction has 3 columns of concrete blocks on row adjacent to the slope (6' high), 2 columns in middle row (4' high) and one final row (2' high) adjacent to the river (see photo #7). Additional soil was compacted on the river (west) side of buttress to hold it in place. Dennis and Sam departed ~ 1530 hrs.

Matt plans to provide OER an update on tasks still needed to complete the VRP process. Will make several more site visits to check on grass growth, erosion controls and stability of buttress - I asked Matt to contact me when they plan to do site visits.

Took photos on lower level, then drove to upper level to finish taking photos. Thanked SPSI for their work on the project.

Departed site ~ 1630 hrs.

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

1. View of blown straw in excavated areas on upper level of site - looking north.
2. Anchoring erosion control boom in place with wooden stakes.
3. Close-up of final concrete buttress at toe of slope.
4. View of straw matting on slope at far northern end of site.
5. Coconut straw matting anchored in place on slope.
6. Straw matting anchored in place on slope - looking southeast.
7. Final concrete buttress construction - 3 blocks (6') deep.
8. Erosion control boom anchored in place.
9. View of southern end of site from northern truck entrance.
10. View of blown straw - excavation areas 2&3.
11. View of northern end of site - upper level.
12. Upper level of site - looking south.
13. Looking southwest at slope area - note different colors of straw matting.
14. View of concrete buttress from upper level - looking southwest.
15. View of graded slope - looking south.
16. Close-up of buttress from upper level.
17. View of coconut straw matting on slope - looking west towards Elk River.

Project Manager's Signature:



Date: 3-25-16

1.



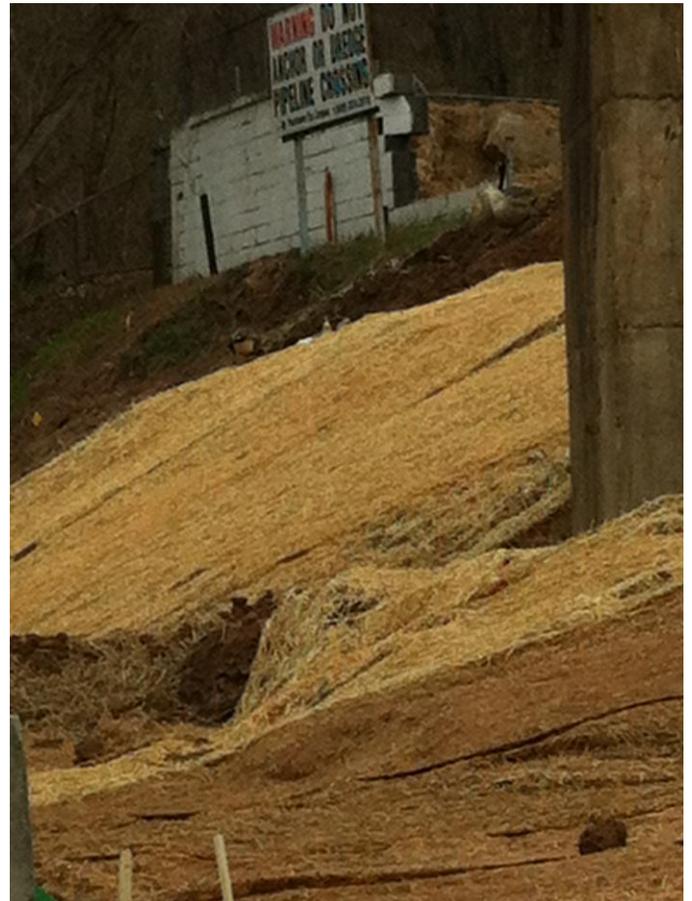
3.



2.



4.



5.



7.



6.



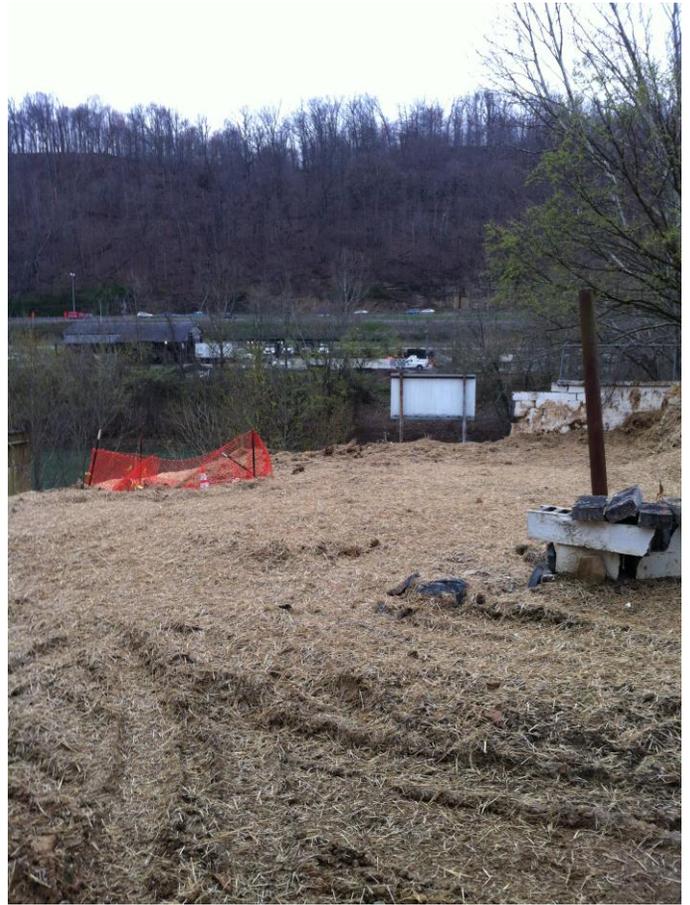
8.



9.



11.



10.



12.



13.



15.



14.



16.



