



west virginia department of environmental remediation
Office of Environmental Remediation

VRP Project #: **15017**
Brownfield Site: Yes No
Report Date: **2-4-16**
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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: February 4, 2016			TIME IN: ~ 9:15 am			TIME OUT: ~ 2:45 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 @ ~ 915 hrs. Overcast, temperature ~ 36°; Matt Ford of CORE on-site. SPSI workers on-site for water management (SPSI employees include Lance Wilcox, Chuck Devine and Josh Thayer). Meeting with Matt today to discuss previous assessment work and additional assessment work needed at the site. This includes additional work with regard to the MCHM and PPH spill and additional sources of contamination to be investigated to meet the requirements of the Voluntary Remediation and Redevelopment Act (VRRRA). David Jones of CORE on-site ~ 1045 hrs. - Mr. Jones is CORE's GIS specialist.

Matt & I reviewed the previous site assessment work completed by ARCADIS and WVDEP comments on the "Phase I Environmental Site Assessment Report" and the "Site Investigation Report". Matt noted the elevated detection limits on many of the samples (including samples taken from beneath the removed AST's) - many of these sample were non-detect, but had detection limits that exceed the migration to groundwater standards developed for MCHM and PPH. Rather than re-sample all these areas, CORE plans to extend the 12" clay cap proposed for the excavation areas to all areas that contained AST's. With regard to additional sources of contamination at the site, Matt noted that Dana Tomes with Eco-First had removed many of the drums of various materials that had been found at the site. Matt will try to get disposal documentation for these materials. Two locked drums containing MCHM are still present in the office building. CORE will look into proper disposal of this material. PCB's had been stored at one time around the northern driveway - CORE will investigate this area for potential PCB impacts. The grassy area to the east of the oil-water separator (which will not be capped with clay) will be investigated again with lower detection limits. This includes the area of one of the former loading racks (the other loading rack area was excavated) and the oil-water separator. This is also the area where the Baker frac tanks have resided - there is a potential for spillage in these areas. It is not known where the floor drains from the office and garage buildings discharge - this will be investigated with dye. During demolition of the AST's, lead-based paint was discovered. Lead will be included as a contaminant of concern in future sampling. The barge dock, oil pit (hydraulic lift?) in the garage and stormwater outfalls will also be investigated. Additional surface water and sediment sampling will also be completed.

Drove over to excavation Areas 3&4 so that Mr. Jones could observe these areas and take GIS readings. Also drove down to lower bench of site (collection trench area) for additional GIS readings. Water level in the Elk River is almost up to the bottom of the collection trench. Also walked to southern end of the site to investigate stormwater outfall areas.

If sample results for the new borrow soil area (soil for capping) are OK, Matt hopes to begin backfilling Areas 3 & 4 and capping the site next week.

Departed site @ 1445 hrs.

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

1. Two locked drums of MCHM still present in the office building.
2. Oil pit/hydraulic lift area in garage.
3. Pipe leading down to stormwater outfall at southern end of site.
4. PVC pipe leading down to manhole.
5. Barge dock area on lower bench (note rising water level in Elk River).

Project Manager's Signature:



Date: 2-4-16

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