To: Patterson, Kenneth[Patterson.Kenneth@epa.gov]; Leff, Karin[Leff.Karin@epa.gov]
Cc: Ronquillo, Manuel[Ronquillo.Manuel@epa.gov]; Berube, Anne[berube.anne@epa.gov]
From: Kulpan, Bruce
Sent: Mon 1/13/2014 2:41:51 PM
Subject: FW: HOTSITE REPORT: Update - Freedom Industries, Charleston, WV

FYI – another report update from R3.

From: Gray, Heather
Sent: Monday, January 13, 2014 9:13 AM
To: Kulpan, Bruce
Subject: FW: HOTSITE REPORT: Update - Freedom Industries, Charleston, WV

From: Burns, Francis
Sent: Sunday, January 12, 2014 1:12 PM
To: R3 HOTSITES
Subject: HOTSITE REPORT: Update - Freedom Industries, Charleston, WV

OSCs Linden and Matlock reported on the work at the facility. The OSCs met this morning with the facility, WV DEP, and USCG and agreed upon a command structure. Daily meetings will occur to set the tasks for the next operational period. Work will continue 24 hours a day with WV DEP oversight. Today at 4:00 pm the meeting will document the tasks for the next operation period. The Chemical Safety Board (CSB) will be on-site tomorrow morning (1/13/14) to begin their inspection.

The three tanks that all held the MCHM are still being removed. As of this morning tank #396 (the one that failed) was still leaking a slow drip of product. The tank will be emptied and cleaned by tomorrow morning. The next step would be to empty and clean the other two tanks (tank #397 and #395), which are holding sludge material mixed a small amount of product. These tanks can be removed without cutting them into pieces. The tank that failed will be cut up and removed.

The facility will determine the amount of product in the soil by using a hand auger and geoprobe

to collect samples. The facility is attempting to contract a lab for a 24 hour turnaround time for the samples. The cut-off trench below the storm drain will be extended in length and lined with plastic.

The boom is still deployed in the river. The river's current has increased from the rain on 1/11/14, lessening the effectiveness of the boom. Also the higher river level and increased current speed has increased the amount of debris that is collected in the boom. The boom near the water intake has both skirted boom and absorbent boom, as well as absorbent pads. WV DEP directed the facility to regularly change out the water intake's absorbent boom when it is visually saturated. There is also a skimmer deployed where the boom is extended across the entire width of the river. Clean Harbors reported that the sheen is not as visible today because of the speed of the river and that approximately 1000 gallons of the product/water mixture has been recovered in the absorbents, skimmer and by vac truck from the river operations.