To: Webster, James[Webster.James@epa.gov]; El-Zein, Jason[el-zein.jason@epa.gov]; Ormes, David T CIV[David.T.Ormes@uscg.mil]
From: Wright, Dave
Sent: Wed 1/15/2014 1:41:51 PM
Subject: Fw: HOTSITE REPORT: Update - Freedom Industries, Charleston, WV

Dave Wright, Director
Office of Preparedness and Response

Sent via Blackberry - please excuse typos.

From: Burns, Francis
Sent: Tuesday, January 14, 2014 7:54:07 PM
To: R3 HOTSITES
Subject: HOTSITE REPORT: Update - Freedom Industries, Charleston, WV

USCG, WVDEP, EPA, and the facility held a meeting to discuss USCG's boom deployment strategy which was approved by WVDEP and EPA. The facility agreed to the strategy and directed their contractor to deploy the boom. The contractor deployed boom around the Etowah River Terminal's outfall, located at the southwestern end of the facility and also at the northeastern end of the facility, approximately 20 feet upstream of the property fence line (upstream of the spill area). The boom installed at the WVAWC is expected to be removed tonight. WVAWC's protective measures will remain in place.

A confined-space certified contractor entered the breached tank in the presence of the CSB, EPA, and the Attorney General's staff. The purpose was to witness the photography of the hole in the bottom of the tank.

Poly liner was placed on the surface of the site soils, beginning under the mouth of the storm water pipe and extending down the slope, then along the existing interceptor trench. The liner should contain all of the storm water that is flowing beneath the secondary containment of the tank farm. The contractor continually pumped the storm water into vacuum trucks. WVAWC began to replace the entire section of water line that runs adjacent to the facility, which is located on the opposite side of the road. This new line may diminish the water flowing beneath the containment pad.

Analytical results are expected tomorrow morning for the soil sample data from the geoprobe/sampling operations and water sample data from the river sampling program, which is continuing. Plans remain to punch sumps around the breached tank to investigate the possible presence of the MCHM beneath the tank farm. WVDEP determined that the half-life of the

chemical mixture is 28 days in soil; the half-life of the chemical mixture in water may possibly be 14 days or less.