

POLREP 62
NanoChemonics Site
4 Magnox Drive
Pulaski, Pulaski County, Virginia 24301

Lat: N 37.04718
Long: W 80.79146

ATTN: RRC
VADEM -Tolbert
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I. SITUATION (as of November 21, 2013)
EVENT: Site Cleanup Operations

- A. Refer to previous Polreps for site background information.
- B. STNP, the owner of the NanoChemonics property, is conducting a response action and cleanup of the Site under an EPA order. The Administrative Settlement and Order was signed on April 8, 2011, and response actions continue. In brief, the response action involves the removal of hazardous substances from the Site and included the removal of such substances found in the debris created during demolition of the buildings at the Site. The action also includes the management of wash waters and storm waters at the Site that migrate towards lagoons and then into nearby Peak Creek.
- C. The response actions related to the lagoons and drying bed began on September 25, 2013.

II. ACTIONS

- A. ARG subcontracted a vac truck to clean out the remaining sludge and pressure washed the approximately 125 ft. long storm water bypass trench to Lagoon 3. After the cleaning was complete, ARG replaced the steel grates and covers on the trench and replaced the 3-ft. soil and rock cover over the previously covered portions of the trench.
- B. STNP contractor ARG continued excavating sludge from Lagoon 3 using an excavator and hauling it to the drying bed with a dump truck. ARG also used a bulldozer to push sludge to the southern end of Lagoon 3 where it could be excavated and placed directly into the drying bed using the excavator. ARG also began pumping sludge from Lagoon 4 to the drying bed using a mud pump.
- C. ARG also began cutting and removing piping and supports from along the eastern side of Lagoon 1. The piping will be transported off site for recycling.
- D. EPA has established a public repository of site documents at the local library in Pulaski. EPA will also provide public information updates for the site on the EPA site website at: www.epaossc.org/nanochemonics.

III. FUTURE ACTIONS

- A. Continue response actions in the lagoon area including removal of sludge from lagoons into the drying bed.
- B. Complete response activities identified on July 27, 2012 inspection list. The remaining item to be completed on the checklist is cleaning ferrous sulfate (aka copperas) from the above-ground storage tank (AST) remaining on the CAB tank containment pad.
- C. Collect additional storm water samples from the Site to assist in evaluating completion of the response action involving the former facility buildings.
- D. Complete cleaning of storm water conveyance trenches and piping. The trench between Lagoons 1 and 2 remains to be cleaned out.
- E. EPA will continue providing on-site oversight of remediation activities conducted by STNP and inspect the Site against the required schedule.

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