

POLREP 66
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 (February 9, 2014 to March 13, 2014)
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. The EPA OSC and START met with STNP contractor onsite on March 13, 2014. The purpose of the meeting was to inspect the Site to verify the status of response activities relating to the lagoon system. Based on the inspection, the OSC determined that the lagoon cleanout had been satisfactorily completed. Sludge removed from the four lagoons had been placed in the drying bed to dry. Final closure of the drying bed will begin later this year after the sludge has sufficiently dried. Final closure activities will include final placement of sludge in the drying bed (i.e., placement to minimize future subsidence), installation of a soil cover, restoration of the lagoon/drying bed area, and removal of the silt fence.
- B. The OSC also inspected the 'creek side' (a.k.a. wet side) and MO sides of the Site and discussed remaining items to be completed under the EPA Order. Items remaining to be completed on the creek side include: cleanout of ferrous sulfate tank; verification that pipes in the pipe rack around/above the remaining waste water tanks have been cleaned out; removal of debris pile; and removal of the silt fence. The remaining action items for the MO side are to address the PCB-containing caulk

- identified in the MO pad and removal of the inert debris piles. STNP will also be required to do additional storm water sampling relating to the MO pad.
- C. 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.epaosc.org/nanochemonics.

III. FUTURE ACTIONS

- A. Complete response activities identified on July 27, 2012 inspection list. The remaining items 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 and removal of the inert debris piles from the 'creek side' and MO sides of the Site.
- B. STNP to address PCB-containing mastic that remains in the MO pad.
- C. Final closure of the drying bed will commence later this year.
- D. 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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