

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION III
1650 Arch Street
Philadelphia, Pennsylvania 19103-2029

SUBJECT: Five Year Review Report
St. Juliens Creek Annex
Chesapeake, Virginia

DATE: 6-28-2010

FROM: Henry J. Sokolowski, P.E., Associate Director
Office of Federal Facility Remediation and Site Assessment (3HS10)

TO: Kathryn A. Hodgkiss, Acting Director
Hazardous Site Cleanup Division (3HS00)

Attached for your signature is a letter conveying EPA's concurrence on the U.S. Navy's five-year review report for the St. Juliens Creek Annex Site. The report, entitled "Five Year Review Report St. Juliens Creek Annex", was signed by the Commanding Officer of the Norfolk Naval Shipyard on May 18, 2010. The Commanding Officer of the Norfolk Naval Shipyard is the signator for St. Juliens Creek.

The requirement for this five-year review was triggered by the initiation of the Site 4 remedial action (on-site mobilization for the remedial actions construction phase for Site 4), on March 21, 2005. The next five year review will be due five years from the date of the concurrence letter.

The five-year review report concludes that the remedy at Site 4 is protective of human health and the environment. All threats at the site have been addressed through installation of a soil cover over the contaminated waste, the removal of contaminated sediments, the installation of fencing and warning signs and the implementation of institutional controls. The exposure assumptions and toxicity data used at the time of the final remedy selection are still valid.

The report meets the requirements of EPA's June 2001 guidance document, *Comprehensive Five-Year Review Guidance* (OSWER No. 9355.7-03B-P, EPA 540-R-01-007). Furthermore, the Navy's protectiveness statements are well supported. I recommend that you sign the attached letter.

Attachment



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION III
1650 Arch Street
Philadelphia, Pennsylvania 19103-2029

Captain W.C. Keistler
Commanding Officer
Norfolk Naval Shipyard
Code 100
Portsmouth, VA 23709-5000

Re: Five-Year Review Report
St. Juliens Creek Annex, Site 4
Chesapeake, Virginia

Dear Captain Keistler:

The U.S. Environmental Protection Agency (EPA) Region III has reviewed the report entitled "Five-Year Review Report St. Juliens Creek Annex". The report was prepared to address the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) Section 121 (c) five-year review requirements. EPA has reviewed this five-year review report and has determined that it adheres to the OSWER Directive 9355.7-03B-P, *Comprehensive Five-Year Review Guidance* (EPA, June 2001). EPA has determined that the five-year review report meets the intent of EPA's Five-Year Review Guidance. The remedy at Site 4 is protective of human health and the environment. All threats at the site have been addressed through installation of a soil cover over the contaminated soil and waste, the removal of contaminated sediments, the installation of fencing and warning signs and the implementation of institutional controls. The exposure assumptions and toxicity data used at the time of the final remedy selection are still valid.

The requirement for this five-year review was triggered by the initiation of the Site 4 Remedial Action (on-site mobilization for commencement of the remedial action construction phase for Site 4), on March 21, 2005. The next five year review will be due five years from the date of this concurrence letter.

If you have any questions, please contact Robert W. Stroud at (410) 305-2748.

Sincerely,

A handwritten signature in black ink, appearing to read "K. Hodgkiss".

Kathryn A. Hodgkiss, Acting Director
Hazardous Site Cleanup Division

cc: Karen Doran (VDEQ)