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LETTER REGARDING THE TRANSMITTAL OF THE ENCLOSED QUARTERLY REPORT
FOR REPORTING PERIOD JULY 2007 THROUGH SEPTEMBER 2007 NWS EARLE NJ
10/25/2007
TETRA TECH NUS



TETRA TECH

PHIL-21539

October 25, 2007

Project Number 00772

Naval Facilities Engineering Command Mid - Atlantic
9742 Maryland Avenue
Norfolk, Virginia 23511-3095

Attn: Mr. Roberto Pagtalunan, P.E.

Reference: CLEAN Contract No N62472-03-0057
Contract Task Order (CTO) No. 401

Subject: Submission of Quarterly Report
Reporting Period July 2007 through September 2007
Naval Weapons Station Earle, Colts Neck, New Jersey

Dear Mr. Pagtalunan:

Tetra Tech NUS, Inc. (Tetra Tech) is pleased to submit the enclosed Quarterly Report for the Reporting Period July 2007 through September 2007. The report details the Installation Restoration Program (IRP) activities conducted at the Naval Weapons Station (NWS) Earle, Colts Neck, New Jersey during the subject period.

Per your request, copies of this report are being forwarded under cover of this letter to Ms. Jessica Mollin at EPA Region 2 and Mr. Steve Maybury at NJDEP.

Thank you for the opportunity to submit this document. Should you have any questions or require additional copies please do not hesitate to contact me.

Sincerely,

Mary M. Mang, CHMM
Environmental Project Manager

MMM/nfs

Enclosure

c: Eric Helms (NWS Earle) (2 copies)
Jessica Mollin (EPA) (2 copies)
Steve Maybury (NJDEP) (3 copies)
Garth Glenn (Tetra Tech)
John Trepanowski (Tetra Tech)
Bonnie Capito (NAVFAC Lant)
Lee Anne Rapp (NAVFAC Lant)(no enclosure)
File

**Naval Weapons Station Earle
Colts Neck, New Jersey**

**Quarterly Report
Reporting Period July 1, 2007 through September 30, 2007**

This report details the Installation Restoration Program (IRP) activities conducted by the Navy during the period of July 1, 2007 through September 30, 2007 at the Naval Weapons Station (NWS) Earle located in Colts Neck, New Jersey. No activities were conducted for Operating Unit 4 (Sites 14, 20, 22, 23, 24, 25, 27, and 29) because no further actions are required at these sites.

SITE-WIDE

The Draft Site Management Plan for Fiscal Years 2007 through 2011 for the NWS Earle, Colts Neck, New Jersey was submitted to the EPA and NJDEP on March 22, 2007. The Navy is currently awaiting comments from the agencies.

During the reporting period, the NWS Earle IRP Site Summary document was updated and submitted for Navy review. The document provides a brief summary of each of the sites included in the Installation Restoration Program.

The Navy initiated work on the Groundwater Classification Exception Area (CEA) Biennial Review Report as required by the New Jersey Technical Requirements For Site Remediation (7:26E-8.6). The biennial review will address the following sites: Site 3 (OU 6), Site 4 (OU 1), Site 5 (OU 1), Site 10 (OU 6), Site 19 (OU 2), Site 16F (Buildings C-17/20/16/50), and Buildings R6/7/12.

OPERATING UNIT 1 (SITES 4 and 5)

No activities were conducted during the reporting period. The next round of groundwater sampling for Site 4 and Site 5 is scheduled for October 2007.

OPERATING UNIT 2 (SITE 19)

No activities were conducted during the reporting period. The next round of groundwater sampling for Site 19 is scheduled for October 2007.

OPERATING UNIT 3 (SITE 26)

Quarterly groundwater monitoring at Site 26 was conducted through 2005. Based on results from the quarterly sampling it was recommended in the March 2006 *Annual Report for Four Post-Operation Groundwater Sampling Rounds in 2005* that the monitoring frequency be reduced to once every 15 months for monitoring natural attenuation of site-related chlorinated hydrocarbons. The Navy conducted a round of groundwater sampling from August 8 - 10 and August 13 - 15, 2007, for Site 26. The data from the August 2007 sampling event will be evaluated by the Navy as part of an evaluation of the air sparging/soil vapor extraction system to determine if any further treatment is required.

The Addendum to the Draft Classification Exception Area (CEA) Documentation Report for Site 26 was submitted to NJDEP in November 2006. The report is currently under review by NJDEP.

OPERATING UNIT 5 (SITE 13)

Long-term groundwater monitoring is currently being conducted at Site 13. The next round of sampling is scheduled for October 2007.

Additional copies of the Site 13 Operations and Maintenance Manual (June 2005) and CEA Investigation Report (June 2005) were forwarded to the NJDEP on March 9, 2007 and March 29, 2007. The reports are currently under review by NJDEP.

OPERATING UNIT 6 (SITES 3 and 10)

Long-term monitoring is currently being conducted at Site 3 and Site 10. The next round of annual sampling is scheduled for October 2007.

OPERATING UNIT 7 (SITE 26 PCE PLUME)

On March 23, 2007, Tetra Tech NUS, Inc. forwarded to the Navy and EPA replacement pages for the OU 7 Record of Decision. The NWS Earle Commanding Officer signed the Record of Decision and forwarded it to the EPA for final approval and signature on February 27, 2007. Following EPA review and some additional changes, EPA signature of the OU 7 ROD occurred on August 14, 2007.

At the request of the EPA on September 11, 2007, the Navy prepared calculations for determination of the volume of contaminated material addressed (VCMA) at OU 7. The Navy submitted the calculations

and supporting documentation to EPA on September 18, 2007. Based on EPA review and comment, the Navy submitted revised calculations to EPA on September 20, 2007.

OPERATING UNIT 8 (SITES 1 and 11)

The Addendum to the Draft Classification Exception Area (CEA) Documentation Report for Site 1 was submitted to NJDEP in November 2006. The report is currently under review by NJDEP.

Site 11 is a no further action site.

OPERATING UNIT 9 (SITES 6, 12, 15, and 17)

The Addendum to the Draft Classification Exception Area (CEA) Documentation Report for Site 6 was submitted to NJDEP in November 2006. The report is currently under review by NJDEP.

The Addendum to the Draft Classification Exception Area (CEA) Documentation Report for Site 17 was submitted to NJDEP in November 2006. The report is currently under review by NJDEP.

On March 21, 2007, Tetra Tech NUS, Inc. forwarded to the Navy and EPA replacement page II-9 for the OU 9 Record of Decision. On June 14, 2007, the OU 9 Record of Decision was signed by the NWS Earle Commanding Officer and forwarded to the EPA for final approval and signature. However, during the reporting period EPA notified the Navy of several changes to the final document. Following discussion and review by both EPA and Navy representatives, the NWS Earle Commanding Officer and EPA signed the revised final OU 9 Record of Decision on September 28, 2007.

OPERATING UNIT 10 (SITE 7)

The Draft Feasibility Study for Site 7, Landfill South of "P" Barricades was submitted to EPA and NJDEP in July 2006. On July 17, 2007, NJDEP issued a letter to the Navy outlining their comments on the draft FS report. The report is currently under review by EPA. The Navy conducted no activities during the reporting period.

SITES 9, 41, and 46

During the reporting period, work continued on the preparation of a report summarizing the historical sampling data for each site. As requested by the EPA the summary document is being prepared to review a request by the Navy for no further investigation and/or action at these sites.

SITE 16/EPIC SITE F (BUILDING C-50 DIESEL FUEL LINE)

The Final Bioslurper Status Report (September 2006 – November 2006), that outlines the quarterly monitoring results, was submitted to the NJDEP on March 1, 2007.

The Navy conducted a round of groundwater sampling on August 6 - 7, 2007.