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LETTER REGARDING THE ENCLOSED SECOND QUARTERLY REPORT FOR REPORTING
PERIOD APRIL THROUGH JUNE 2009 NWS EARLE NJ
7/27/2009
TETRA TECH



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PHIL-23111

July 27, 2009

Project Number 112G02091

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

Attn: Mr. Roberto Pagtalunan, P.E.

Reference: CLEAN Contract No N62470-08-D-1001
Contract Task Order (CTO) No. WE15

Subject: Submission of Second Quarterly Report
Reporting Period April 2009 through June 2009
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 April 1, 2009 through June 30, 2009. The report details the Installation Restoration Program (IRP) activities conducted during the subject period at the Naval Weapons Station (NWS) Earle, located in Colts Neck, New Jersey.

In accordance with your request, copies of this report are being forwarded under cover of this letter to Ms. Jessica Mollin at EPA Region 2 and Ms. Erica Bergman 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) (3 copies)
Erica Bergman (NJDEP) (3 copies)
Garth Glenn (Tetra Tech, Norfolk)
John Trepanowski (Tetra Tech, King of Prussia)
Bonnie Capito (NAVFAC Lant) (no enclosure)
Glenn Wagner (Tetra Tech, North Shore)
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**Naval Weapons Station Earle
Colts Neck, New Jersey**

**Quarterly Report
Reporting Period April 1, 2009 through June 30, 2009**

This report details the Installation Restoration Program (IRP) activities conducted by the Navy during the period of April 1, 2009 through June 30, 2009 at the Naval Weapons Station (NWS) Earle located in Colts Neck, New Jersey.

SITE-WIDE

On October 1, 2008, the Navy submitted to EPA and NJDEP the Site Management Plan (SMP) for Fiscal Years 2008 through 2012. The Navy uses the report as a management tool for planning environmental investigation and remedial response activities at the NWS Earle Environmental Restoration sites during the planning period. The Navy had previously submitted the Draft Site Management Plan for Fiscal Years 2007 through 2011 for NWS Earle to the EPA and NJDEP on March 22, 2007. To date, the Navy has received no comments from EPA or NJDEP on the Fiscal Years 2007 through 2011 SMP. During the reporting period, Tetra Tech and the Navy continued with preparation of the Draft SMP for Fiscal Years 2009 through 2013.

On April 2, 2009, a meeting was held at the NJDEP office in Trenton, New Jersey. Meeting attendees included representatives from NJDEP and Tetra Tech. Navy and EPA representatives participated in the meeting via conference call. The purpose of the meeting was to discuss groundwater sampling at Site 7 and the preparation of responses to comments raised on the Draft Groundwater Classification Exception Area (CEA) Documentation reports for Sites 6 (OU 9), 13 (OU 5), 17 (OU 9) and 26 (OU 3 and OU 7) and proposed submissions for Sites 4 and 5 (OU 1), Sites 3 and 10 (OU 6), and Site 19 (OU 2). Based on this meeting, the Navy agreed to sample Site 7 groundwater for certain volatile organics. Agreement on the submission of reports detailing groundwater sampling results compared to site background results was also reached for certain sites where site inorganic concentrations in groundwater may be impacted by background conditions. Additional site-specific information is presented in the following sections.

OPERABLE UNIT 1 (SITES 4 and 5)

The Navy conducted annual long-term monitoring at Sites 4 and 5 during the last week of October/first week of November 2008. ECOR Solutions Inc. (ECOR), a Navy contractor, collected the groundwater samples and submitted them to STL Labs for analysis. During the reporting period, ECOR finalized

report was submitted to the Navy in April 2009. The report will be finalized and forwarded to NJDEP and EPA.

NJDEP comments were received on the CEA Investigation Report on June 25, 2008 and are being addressed as noted above.

OPERABLE UNIT 6 (SITES 3 and 10)

On behalf of the Navy, ECOR collected annual groundwater samples at Sites 3 and 10 during the last week of October/first week of November 2008. The samples were submitted to STL Labs for analysis. During the reporting period, ECOR finalized preparation of the draft report of results. The report was submitted to the Navy in April 2009. The report will be finalized and forwarded to NJDEP and EPA.

OPERABLE UNIT 7 (SITE 26 PCE PLUME)

The Navy did not conduct any new activities at OU 7 during the reporting period.

OPERABLE UNIT 8 (SITES 1 and 11)

On behalf of the Navy, Tetra Tech finalized preparation of the draft Sampling and Analysis Plan (SAP) for Site 1 Groundwater. The Site 1 SAP was submitted to the NJDEP and EPA on April 1, 2009 for review and comment. Due to a change in the proposed analytical laboratory, Tetra Tech submitted a revised Site 1 SAP to the Navy, NJDEP, and EPA on June 5, 2009. In an email dated June 19, 2009, the NJDEP notified the Navy that they had no comments on the Site 1 SAP. As agreed to with the Navy, Tetra Tech conducted the redevelopment of the Site 1 monitoring wells and two site background wells the week of June 29, 2009. The wells require redevelopment prior to sampling; sampling is scheduled for early July.

The Addendum to the Draft Classification Exception Area (CEA) Documentation Report for Site 1 was submitted to NJDEP in November 2006. Comments were received from the NJDEP on June 25, 2008. Work on the revised report is on hold pending completion of the proposed groundwater sampling.

Site 11 is a no further action site.

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

During the previous reporting period, the Navy's contractor Tetra Tech conducted an optimization review of the Site 16/F bioslurper system and operations. Tetra Tech prepared and submitted to the Navy on October 28, 2008, a draft report outlining the results of the optimization review including conclusions and recommendations. Comments from the Navy were received in early March 2009 and are being reviewed and addressed.

The Navy submitted the Final Bioslurper Status Report (December 2007 – February 2008), that outlines the quarterly monitoring results, to the NJDEP on April 25, 2008.