



TETRA TECH

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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 Quarterly Report
Reporting Period January 2009 through March 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 January 1, 2009 through March 31, 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.

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

**Quarterly Report
Reporting Period January 1, 2009 through March 31, 2009**

This report details the Installation Restoration Program (IRP) activities conducted by the Navy during the period of January 1, 2009 through March 31, 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 initiated preparation of the Draft SMP for Fiscal Years 2009 through 2013.

Work continued on preparation of response submittals for 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). Work was also initiated on preparation of the CEA Documentation Reports for Sites 4 and 5 (OU 1) and Sites 3 and 10 (OU 6), and Site 19 (OU 2). Tetra Tech is currently preparing the formal responses and submissions for the various sites. A meeting with NJDEP, EPA, Navy and Tetra Tech representatives is scheduled for Thursday, April 2, 2009 to discuss groundwater sampling/monitoring at Site 7 and the various CEA submissions. The meeting will be held at NJDEP offices in Trenton, New Jersey.

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 received the analytical results and initiated preparation of the report of results.

OPERABLE UNIT 2 (SITE 19)

On behalf of the Navy, ECOR collected annual groundwater, surface water and sediment samples at Site 19 during the last week of October/first week of November 2008 and submitted the samples to STL Labs for analysis. During the reporting period, ECOR received the analytical results and initiated preparation of the report of results.

Tetra Tech continued with preparation of the Draft Site 19 Groundwater Classification Exception Area Documentation Report as recommended in the Second Five-Year Review Report (2008).

OPERABLE UNIT 3 (SITE 26)

The Navy conducted a round of post-operation groundwater sampling at Site 26 in accordance with the recommendations in the March 2006 *Annual Report for Four Post-Operation Groundwater Sampling Rounds in 2005*. The Navy is currently conducting monitoring on a frequency of once every 15 months for natural attenuation of site-related chlorinated hydrocarbons. The Navy's contractor ECOR conducted a round of groundwater sampling during the first week of November 2008 and submitted the samples to ALS Labs for analysis. During the reporting period, ECOR received the analytical results and initiated preparation of the report of results.

The Addendum to the Draft Classification Exception Area (CEA) Documentation Report for Site 26 was submitted to NJDEP in November 2006. Comments were received from the NJDEP on June 25, 2008 and are being addressed as noted above.

OPERABLE UNIT 5 (SITE 13)

On behalf of the Navy, ECOR collected annual groundwater samples at Site 13 during the last week of October/first week of November 2008 and submitted them to STL Labs for analysis. During the reporting period, ECOR received the analytical results and initiated preparation of the report of results.

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 received the analytical results and initiated preparation of the report of results.

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)

The Navy and Tetra Tech continued work on preparation of a Sampling and Analysis Plan for Site 1 Groundwater. During the reporting period, the Navy completed its review and submitted comments to Tetra Tech for incorporation. Upon finalization of the draft plan, it will be submitted to EPA and NJDEP for review and comment.

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.

OPERABLE 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. Comments were received from the NJDEP on June 25, 2008 and are being addressed as noted above.

The Addendum to the Draft Classification Exception Area (CEA) Documentation Report for Site 17 was submitted to NJDEP in November 2006. Comments were received from NJDEP on June 25, 2008 and are being addressed as noted above.

OPERABLE UNIT 10 (SITE 7)

During the reporting period, the Navy submitted a revised draft Proposed Remedial Action Plan (PRAP) for OU 10. The revised PRAP addressed comments received from the EPA and NJDEP on the initial September 2008 submission. Comments from EPA on the revised draft were received on March 3, 2009. A meeting with EPA, NJDEP, Navy, and Tetra Tech is scheduled for April 2, 2009 to discuss groundwater sampling and monitoring at Site 7.

SITES 9, 41, and 46

On February 27, 2009, Tetra Tech submitted to the Navy a draft of the Record of Consensus Agreement for No Further Action for Sites 9, 41, and 46 for review and comment. As requested by EPA, the document was prepared to review a request by the Navy for no further investigation and/or action at these sites. Upon review and comment, the Navy will submit the draft report to EPA and NJDEP.

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 NJDEP on April 25, 2008.