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EMAIL REGARDING U S EPA REGION I REVIEW AND COMMENTS ON GROUNDWATER
MONITORED NATURAL ATTENUATION SAMPLING WORK PLAN NETC NEWPORT RI
4/18/2012
U S EPA REGION I

Ropp, Jim

From: Ginny Lombardo <Lombardo.Ginny@epamail.epa.gov>
Sent: Wednesday, April 18, 2012 9:36 AM
To: Maritza Montegross (maritza.montegross@navy.mil); Ropp, Jim
Cc: Deb Moore (deborah.j.moore@navy.mil); Wagner, Glenn; Ken Munney; Pamela Crump; Paul Steinberg (steinberg@mabbett.com); Parker, Stephen; kemp@mabbett.com
Subject: Re: Newport Site 8 (NUSC) Groundwater MNA sampling work plan for 2012
Categories: Newport

Maritza/Jim-
EPA comments on the MNA WP:

EPA requests that the Navy consider adding the following wells to the proposed sampling program: 09B, 100B, 102B, 105B, 124B, 117B-D2, and 118B-D2. The principal purpose of this supplemental sampling is to investigate concentration changes of COCs in groundwater to better assess the presence of MNA and the rate of biodegradation and/or abiotic concentration changes. EPA recommends these additional wells, as these wells are within the plumes and would offer additional valuable information on the biodegradation rate in critical areas of the plume. EPA recognizes that these wells were not included in the 2011 MNA round (Round 1); however, EPA believes that other historical data from the RI and/or SRI, along with the 2012 rounds, will offer valuable information on the efficacy of MNA as an element of the remedy for NUSC. EPA's rationale for each of the recommended wells is provided below:

- 09B: 1,1-DCE and 1,1-DCA each had two prior detections at greater than their PRG and 09B is located between upgradient and downgradient wells with even greater 1,1-DCE and 1,1-DCA concentrations than 09B.
- 100B: 1,1-DCA concentration at greater than 100 times the PRG.
- 102B: increasing concentrations of TCE based on two previous sampling events and is apparently located along the TCE plume flow path (it also had elevated manganese).
- 105B: to evaluate the downgradient extent of 1,1-DCA and 1,1-DCE now compared to prior detections in 2008 and 2010.
- 124B: to evaluate changes to deep 1,1-DCA and TCE concentrations compared to 2008.
- 117B-D2: screened in the interval between the 127B and 117B-D1 screened intervals, both of which had TCE greater than the MCL.
- 118B-D2: screened in the same interval as 127B and 128B, both of which had TCE greater than the MCL.

EPA would be willing to consider eliminating wells that seem to be lower priority wells, if Navy cannot accommodate the additional well recommendations. Wells that Navy included in their proposal that EPA considers to be lower priority wells are: 08B, 12, 108B, 110B, and 125B. There have been no prior detections or insignificant detections at 08B, 12, 110B, and 125B; and 108B is an isolated well with prior TCE detections below or only slightly above the MCL.

We recognize that the Navy is planning to conduct sampling the week of April 30th. I am available until 2pm today and then out of the office for the rest of the week. If you would like to discuss further, we could schedule a conference call for today before 2pm or sometime next week, so that we can resolve these issues prior to the 30th. Thanks.

Ginny Lombardo
Remedial Project Manager
U.S. EPA Region I
Federal Facilities Superfund Section

5 Post Office Square
Suite 100 (OSRR 07-3)
Boston, MA 02109-3912
(617) 918-1754
(617) 918-0754 (fax)
lombardo.ginny@epa.gov

From: "Ropp, Jim" <Jim.Ropp@tetrattech.com>
To: Ginny Lombardo/R1/USEPA/US@EPA, Pamela Crump <pamela.crump@DEM.RI.GOV>
Cc: "Maritza Montegross (maritza.montegross@navy.mil)" <maritza.montegross@navy.mil>, "Deb Moore (deborah.j.moore@navy.mil)" <deborah.j.moore@navy.mil>, "Paul Steinberg (steinberg@mabbett.com)" <steinberg@mabbett.com>, Ken Munney <Kenneth.Munney@fws.gov>, "Parker, Stephen" <Stephen.Parker@tetrattech.com>, "Wagner, Glenn" <Glenn.Wagner@tetrattech.com>
Date: 04/09/2012 03:22 PM
Subject: Newport Site 8 (NUSC) Groundwater MNA sampling work plan for 2012

Hi Ginny and Pam

Attached, please find the MNA sampling work plan for NUSC. (Hardcopy is being sent via U.S. mail.)

Field work could begin as early as April 30, so let me know no later than April 20 if you have any questions/concerns.

This work plan matches what was approved last time (March 2011), but with the addition of TAL metals analyses and MW-103S.
thanks

Jim Ropp, P.E. | Project Manager

Direct: 978.474.8449 | Main: 978.474.8400 | Office Fax: 978.474.8499

jim.ropp@tetrattech.com

Tetra Tech, Inc. | 250 Andover Street, Suite 200 | Wilmington, MA 01887 | www.tetrattech.com

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[attachment "120409 Letter - NUSC MNA Work Plan for 2012.pdf" deleted by Ginny Lombardo/R1/USEPA/US]