



State of New Jersey

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Commissioner

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February 4, 2016

William R. Colvin
BRAC Environmental Coordinator
OACSIM – U.S. Army Fort Monmouth
PO Box 148
Oceanport, NJ 07757

Re: *Final Groundwater Sampling Report – 1st and 2nd Quarters 2015 FTMM-22, FTMM-53 and FTMM-68, dated December 2015*
Fort Monmouth
Oceanport, Monmouth County
PI G000000032

Dear Mr. Colvin:

The New Jersey Department of Environmental Protection (NJDEP) has completed review of the referenced Groundwater Sampling Reports for FTMM-22, FTMM-53 and FTMM-68, submitted pursuant to the Department of Defense State Memorandum of Agreement (DSMOA) executed on April 3, 1992 and the Technical Requirements for Site Remediation at N.J.A.C. 7:26E. Two quarterly ground water sampling events were conducted at the three referenced sites in March and June of 2015. The Department's comments relative to the submittals are provided below.

FTMM-22 / Lime Pit

Ground water samples from FTMM-22 (Lime Pit) wells exceeded the Ground Water Quality Standards (GWQS) for TCE, which is consistent with historical sampling results. TCE concentrations have been increasing in deep well CW1MW281, increasing from 14 ppb in May 2014 to 250 ppb in March 2015, and 300 ppb in June 2015. Therefore, ground water sampling will be required for deep well CW1MW40, located hydraulically downgradient of CW1MW281, commencing immediately (the next scheduled quarterly sampling).

FTMM-53 / Former Gas Station

Ground water samples from FTMM-53 (Former Gas Station) wells exceed the GWQS for benzene, 1,2,4-Trimethylbenzene, 1,3,5-Trimethylbenzene, benzene, xylenes and VOC TICs in the 1st quarter sampling event however during the 2nd quarter event, benzene and TCE were the

only exceedances.

Ground water contaminant concentrations in well 699RW05 (i.e. 6107 ppb total VOCs) for the March 2015 sampling event are significantly higher than the results for the June 2015 sampling event (i.e. 19 ppb total VOCs). Please include an explanation for the difference when submitting results of the field work performed in November of 2015.

FTMM-68 / Former Dry Cleaners

Ground water samples from the wells exceeded the BWQS for PCE, TCE and vinyl chloride, consistent with historical sampling results.

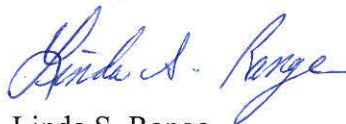
Future sampling reports for the FTMM-68 site must include ground water contour maps constructed from ground water elevation data obtained from wells within and in the vicinity of the site.

Comments were previously provided regarding the use of PDBS at this site, which indicated the PDBS for long-term monitoring would be acceptable if low-flow sampling was conducted concurrently once or twice for comparison. Low-flow sampling has not been conducted at this site. Future sampling must include low-flow sampling conducted concurrently with PDBS for a minimum of one to two quarters.

The chlorinated VOC contamination beneath the FTMM-68 site has been confirmed in shallow well 565MW01 and deep well 565MW01D. Contamination must be horizontally and vertically delineated.

Please contact this office if you have any questions.

Sincerely,



Linda S. Range

C: Joe Pearson, Calibre
Rick Harrison, FMERA
Joe Fallon, FMERA
James Moore, USACE
Cris Grill, Parsons
Frank Barricelli, RAB
Daryl Clark, BGWPA