



State of New Jersey

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DEPARTMENT OF ENVIRONMENTAL PROTECTION
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BOB MARTIN
Acting Commissioner

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Lt. Governor

March 7, 2012

Wanda Green
BRAC Environmental Coordinator
OACSIM – U.S. Army Fort Monmouth
PO Box 148
Oceanport, NJ 07757

Re: Fort Monmouth – FTMM 28
CW-6 Former Pesticide Storage Site, Building 2044
November 2011 Remedial Investigation Report Addendum
Fort Monmouth, NJ
PI G000000032

Dear Ms. Green:

The New Jersey Department of Environmental Protection (Department) has completed review of the referenced submittal. The following comments are offered.

The CW-6 Pesticide Storage Building area is located in the Charles Wood Area of Fort Monmouth. The area is approximately 25,000 square feet and contains a small complex of buildings. Former building T-2044 was used to store and mix herbicides and pesticides. The current existing buildings (2-2070 and T-2071) are used to store golf course maintenance and landscaping equipment. The site formerly contained a fuel oil, diesel fuel and gasoline underground storage tank.

Based on the evaluation of the soil sample data, the Army concludes no additional action is warranted for soils. The Department concurs no additional further action for soils is required.

Four monitoring wells were installed and sampled quarterly at the site. The RIR addendum addresses ground water sampling conducted at the site from May 2001 to July 2010. A total of 38 quarterly rounds were taken during this period. No VOCs or SVOCs were detected at concentrations above the Ground Water Remediation Standards (GWRS). Six metals, specifically arsenic, lead, antimony, cadmium, thallium and selenium, were detected above the GWRS in various wells over the course of the monitoring period. The Army provided a background metal analysis study which concluded these metals are not related to site activities, but are the result of turbid ground

water samples containing glauconitic clay particles. Preservation of metal samples with acid results in the leaching of suspended solids in the ground water samples. This is considered the reason for the random spikes in metal concentrations in wells. A designation of no further action is requested for ground water.

The Department agrees with the Army's conclusion the metal exceedances in ground water are not related to site operations, and no further action is appropriate for same.

Please contact me at 609-984-6606 if you have any questions.

Sincerely,

Linda S. Range
Bureau of Case Management

C: Joe Pearson, Calibre Systems
Rick Harrison, FMERA
Julie Carver, Matrix
Ann Charles, NJDEP/BEERA
Daryl Clark, NJDEP/BGWPA