



DEPARTMENT OF THE ARMY

OFFICE OF ASSISTANT CHIEF OF STAFF FOR INSTALLATION MANAGEMENT
U.S. ARMY FORT MONMOUTH
P.O. 148
OCEANPORT, NEW JERSEY 07757

June 11, 2013

Mr. William Simmons
Monmouth County Board of Health
Environmental Health Coordinator
3435 Highway 9
Freehold, NJ 08625

**Subject: Fort Monmouth, NJ
Phase 1 Property
Transfer Finding of Suitability to Transfer Comments**

Dear Mr. Simmons:

The Army received your comments dated April 26, 2013 on the draft Finding of Suitability to Transfer (FOST) for the Phase 1 Property at Fort Monmouth. Your letter provided a significant amount of background information and also included two specific comments/questions. The Army's responses to those questions are as follows:

Comment/Question 1: How will the Army respond should more extensive sampling in the future of the soil or sediment indicate levels of heavy metals that will necessitate remediation due to historic practices?

Army Response: Should future sampling of soil or sediment indicate that levels of heavy metals necessitate remediation and that such contamination is due to Army's activities, use and ownership of the property, the Army would conduct all necessary remedial action consistent with applicable law and deed provisions.

Comment/Question 2: Can FM provide whatever guidelines and standards FM used regarding the land application of sludge during the operation of the CWA STP from 1942 to 1975? What were the permissible levels of metals in the sludge that was used as fill or soil conditioner; and what were the land application practices regarding rain and the prevention of sludge runoff to the freshwater pond on the golf course, upstream of Wampum Lake.

Army Response: Historic records of the Charles Wood Area (CWA) sewage treatment plant (STP) do not show any standard operating procedures regarding the application of the treated sludge to the golf course. A sludge dump (CW-9), as identified in the 1980 IA report (USAEC), was located in the southwest section of the Charles Wood golf course, south and southeast of Bldg. 2070 and west of Green 11 and Tee 12. Since the 1940s, sludge generated from both the Main Post and Charles Wood STPs were stored in this area before being used as a soil conditioner and fertilizer on the golf course. Sludge piles are visible on aerial photographs dating from 1957 through 1981. Under the SI phase, two monitoring wells were installed, one subsurface soil sample

and nine surface soil samples were collected to evaluate the impact to ground water and soil as a result of past site activities. All samples were analyzed for TCL + 30 parameters and TAL metals. No compounds of concern were detected above NJDEP Direct Contact Soil Cleanup Criteria or Ground Water Quality Standards. A "No Further Action" determination was approved by NJDEP. In addition, as part of the SI Phase, sampling was conducted at the CWA Former Sanitary Treatment Plant (CW-5). The sampling included two soil samples collected in the area of the sludge drying beds and one sediment sample collected from the former wastewater discharge point. All three samples were analyzed for TCL + 30 parameters, TAL metals and cyanide. No compounds of concern were detected above NJDEP Direct Contact Soil Cleanup Criteria or Sediment Criteria.

Your comments and the Army's response will be included in the final FOST. Please let me know if further clarification to the questions posed in the April 26, 2013 letter is needed. I can be reached at 732-380-7064 or via e-mail at Wanda.S.Green2.civ@mail.mil.

Sincerely

A handwritten signature in cursive script that reads "Wanda Green".

Wanda Green
BRAC Environmental Coordinator

Cc: James Briggs, BRAC HQ