



State of New Jersey

CHRIS CHRISTIE
Governor

DEPARTMENT OF ENVIRONMENTAL PROTECTION
Bureau of Case Management
401 East State Street
P.O. Box 420/Mail Code 401-05F
Trenton, NJ 08625-0028
Phone #: 609-633-1455
Fax #: 609-292-2117

BOB MARTIN
Commissioner

KIM GUADAGNO
Lt. Governor

June 5, 2017

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

Re: *Vapor Intrusion Risk Screening Evaluation at Building 114*
Fort Monmouth
Oceanport, Monmouth County
PI G000000032

Dear Mr. Colvin,

The New Jersey Department of Environmental Protection (Department) has completed review of the referenced report, received on May 23, 2017, prepared by the Department of the Army's Office of Assistant Chief of Staff for Installation Management

An evaluation was conducted to determine if a vapor intrusion (VI) threat exists for Building 114, which is located hydraulically downgradient of a former dry cleaning operation that is the source of TCE and PCE in ground water. This building is being proposed as a future fitness center. The evaluation was conducted to determine if a clean water lens exists between Building 114 and the PCE/TCE plume. Ground water data from wells FTMM-68-MW-02, FTMM-68-MW-03, FTMM-68-MW12 and membrane interface probe (MIP) data from FTMM-68-MIP-07 and FTMM-68-MIP-08 was used to determine that a 15-foot clean water lens exists between the chlorinated VOC plume and Building 114.

The Department has reviewed the data provided in the subject document and concludes that a clean water lens greater than six feet is present beneath Building 114. Based on Section 4.3.3 of the Department's August 2016 Vapor Intrusion Technical Guidance, the Department concludes the PCE/TCE plume is not a VI threat for Building 114, and agrees no indoor air monitoring is necessary; no further investigation of the VI pathway is needed. As indicated in the submittal, the Army is to implement remedial measures at FTMM-68, and is committed to long-term ground water monitoring in the area, which will include wells FTMM-68-MW-02 and MW-03.

Please contact this office if you have any questions.

Sincerely,

A handwritten signature in cursive script that reads "Linda S. Range". The signature is written in dark ink and is positioned above the printed name.

Linda S. Range

C: James Moore, USACE
Rich Harrison, FMERA
Joe Fallon, FMERA
Joe Pearson, Calibre