



State of New Jersey

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Governor

DEPARTMENT OF ENVIRONMENTAL PROTECTION
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BOB MARTIN
Commissioner

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Lt. Governor

December 16, 2016

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

Re: *Site Investigation Addendum Letter Report for Parcel 80 (Former Photo Processing)*
Fort Monmouth
Oceanport, Monmouth County
PI G000000032

Dear Mr. Colvin:

The New Jersey Department of Environmental Protection (Department) has completed review of the referenced submittal relative to delineation of vanadium and arsenic in soil, and additional investigation of beryllium concentrations in ground water. The report, prepared by the Department of the Army, was received on November 1, 2016, with additional information provided on December 22, 2016. The Department's comments relative to the submittal are provided below.

Vanadium

Analytical results from additional sampling were all reported as below the Residential Direct Contact Soil Remediation Standard (RDCSRS), indicating only the original exceedance of 82.7 ppm at CU-3 is present. As vanadium is unrelated to operations associated with the parcel, it is agreed no further action is necessary as regarding vanadium in soil at Parcel 80.

Vanadium, as indicated, may at times be unrelated to site operations, but rather, be associated with naturally occurring conditions. When it is demonstrated vanadium is unrelated to site operations, the Department is currently accepting Alternative Remediation Standard requests based upon the USEPA Regional Soil Screening Level of 390 mg/kg for residential exposure. For additional parcels or areas of concern at which vanadium is found above RDCSRS, but which is unrelated to site operations, continue to address its presence in the narrative as has been

done in this submittal, but also please complete the "Remediation Standard Notification Spreadsheet" found at <http://nj.gov/dep/srp/srra/forms/>, located directly beneath "Alternative or New Remediation Standard and/or Screening Level Application form" in the SRP website.

Arsenic

Based on the operations conducted within the subject parcel, the analytical results, the soil type encountered, and the documentation submitted to support same, it is agreed the levels of arsenic noted within Parcel 80 are present due to naturally occurring background conditions, rather than as the result of a discharge.

Pesticides

Analytical results from sampling performed in 2010 indicate the presence of elevated levels of chlordane in the soil. The pesticide is not considered related to operations performed on Parcel 80 (former Photo Processing), but is reflective of normal pesticide application practices. Although it is agreed the chlordane is representative of historic pesticide applications, the levels of chlordane are present above applicable remediation standards; therefore, action to address said exceedances is required prior to DEP concurrence for no additional action necessary.

Ground Water

The evaluation determined there is no anthropogenic source of beryllium at this parcel; the beryllium concentrations noted are attributed to naturally occurring conditions related to the glauconitic soils underlying the Fort Monmouth site. It is agreed no further action regarding ground water at Parcel 80 is necessary.

Please contact this office if you have any questions.

Sincerely,



Linda S. Range

C: William Colvin, BEC
James Moore, USACE
Rick Harrison, FMERA
Joe Fallon, FMERA