



State of New Jersey

CHRIS CHRISTIE
Governor

DEPARTMENT OF ENVIRONMENTAL PROTECTION
Bureau of Case Management
401 East State Street, 5th Floor
Mail Code 401-05F
P.O. Box 420
Trenton, NJ 08625-0420

BOB MARTIN
Commissioner

KIM GUADAGNO
Lt. Governor

September 13, 2011

Allen Roos, Project Manager
US Army Corps of Engineers
100 W Hunter Ave
Maywood, NJ 07607

Re: Draft Construction Close-Out Report
for Roadways and Inaccessible Soils (March 2011)
Wayne Interim Storage Site
868 Black Oak Ridge Road
Wayne Township, Passaic County
SRP PI# G000000019
Activity Number Reference: RPC000001

Dear Mr. Roos:

The New Jersey Department of Environmental Protection (Department) has completed review of the Draft Construction Close-Out Report for Roadways and Inaccessible Soils dated March 2011, submitted pursuant to Cooperative Agreement executed on August 16, 1999 (and subsequently renewed) and the Technical Requirements for Site Remediation at N.J.A.C. 7:26E.

The Department's comments are provided below.

1. Appendix G – Post Remedial Action Report, Section 6.2.1

Section 6.2.1 briefly mentions the correction factor that was applied to the sample results, but there is no description of how and when this correction factor was established. The correction factor needs justification such as the results of a site-specific study that was performed with short-term analyses compared to analyses after ingrowth was allowed to occur. If the correction factor was established with justification in a previous report, simply reference this report. Otherwise, a full justification is required.

2. Section 2.2 Summary of WISS Investigation

On page 2-2, below the bullets, it is stated that "the 2009 data results indicated that five isolated individual samples exceeded the criteria for the WISS ROD metals (two for lead, three for chromium)." Also, it is stated in Appendix G (Draft Post Remedial Action Report), Section 5.2.2, Non-Radiological Results, page 5-11 that

“based on these results from the 2009 FSS... four areas were identified as requiring further remediation...” This included two areas (1 and M) where the 2010 field effort was geared towards performing radiological and metals (lead and chromium) remediation. The data showing these exceedances, however, could not be located in anywhere in the Draft Construction Close-Out Report.

It appears that the data presented in Tables 5-9 and Appendix D, Black Oak Ridge Road Inaccessible Soil Systematic and Biased Metals Samples Results (both in the Post Remedial Action Report) are “post-excavation” results indicating that the maximum concentrations of metals in the samples, including lead and chromium, were below the cleanup criteria. While it is critical to document that the lead and chromium contamination was remediated to meet the cleanup criteria along with the radionuclide contamination, for completeness the Construction Close-Out Report must also present and reference all of the data used in remedial action decision, including the conditions of the site *before* remedial action took place. The information can be presented in the narratives of the sections discussed above.

Please include the required information in the revised/final Construction Close-Out Report.

If you have any questions regarding this matter please contact me by telephone at (609)633-1494 or by email at DONNA.GAFFIGAN@dep.state.nj.us.

Sincerely,



Donna L. Gaffigan, Case Manager
Bureau of Case Management

C: Patricia Gardner, NJDEP/BER
Paul Ingrisano, USEPA
Clerk, Wayne Township
Wayne Township Health Department