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MCRD PARRIS ISLAND
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EMAIL OF TRANSMITTAL AND SOUTH CAROLINA DEPARTMENT OF NATURAL
RESOURCES COMMENTS ON TECHNICAL MEMORANDUM POST-INTERIM
CONSTRUCTION RISK ASSESSMENT AT SITE 3 CAUSEWAY LANDFILL MCRD PARRIS
ISLAND SC
2/12/2003
SOUTH CAROLINA DEPARTMENT OF NATURAL RESOURCES

Sladic, Mark

From: Priscilla Wendt [wendtp@mrd.dnr.state.sc.us]
Sent: Wednesday, February 12, 2003 8:25 AM
To: 'Dillon, Tom'; 'Duncan, Diane (USFWS)'; 'Hargrove, Don'; 'Harrington, Tim'; 'Hubbard, Terri'; 'McRae, Mac'; 'Pope, Rob'; 'Sanford, Art'; Sladic, Mark; 'Wendt, Priscilla'
Subject: SCDNR comments on Site3_TechMemo



PAR_SIT3_TechMemo.doc (21 KB)

See attachment.

Priscilla

February 11, 2003

Commanding General
Marine Corps Recruit Depot
Attn: Timothy J. Harrington, NREAO
P.O. Box 19003
Parris Island, SC 29905-9003

RE: Technical Memorandum Post Interim Construction Risk Assessment;
Site/SWMU 3 – Causeway Landfill;
MCRD Parris Island;
Beaufort County, SC

Dear Mr. Harrington:

The S.C. Department of Natural Resources (SCDNR) has reviewed the Technical Memorandum referenced above, and offers the following comments.

Based on the number and magnitude of exceedances of ecological screening values for both metals and pesticides, and the results of food web analyses that showed substantial residual risk for higher-level trophic groups, particularly in the vicinity of Sediment Area 4, the SCDNR recommends that additional sediment sampling be conducted to determine the spatial extent and level of contamination in this area. As discussed in recent Partnering Team meetings, samples should be collected in depositional areas along tidal rivulets extending from the outer edge of Sediment Area 4 into the saltmarsh on the pond side of the causeway. Samples should be collected using a hand-held coring device, petite ponar grab, or other appropriate gear for ensuring that fines are retained during sampling. Samples should be analyzed for the metals and pesticides of concern (Hg, Pb, As, and the DDX series), as well as for conventional sediment variables (TOC, grain size, and moisture content) that will aid in interpreting the data. Depending on the results of this additional sediment testing, these data could serve either to provide adequate baseline data for pursuing monitored natural recovery for sediments at this site, or to demonstrate that no further action is required to provide adequate protection for ecological receptors.

We hope you find these comments helpful. If you have any questions, please contact

Priscilla Wendt, the SCDNR project manager for this site, at 803-953-9305.

Sincerely,

Robert E. Duncan
Environmental Programs Director

cc: Art Sanford, SOUTHNAVFAC
Rob Pope, USEPA Region 4
Terri Hubbard, SCDHEC
Don Hargrove, SCDHEC
Priscilla Wendt, SCDNR
Tom Dillon, NOAA
Diane Duncan, USFWS