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MCRD PARRIS ISLAND  
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LETTER OF TRANSMITTAL FOR VAPOR INTRUSION ANALYSIS FOR FUTURE MOTOR  
TRANSPORT FACILITY AT SITE 27 EQUIPMENT PARADE DECK MCRD PARRIS ISLAND  
SC  
12/20/2007  
NAVAL FACILITIES ENGINEERING COMMAND SOUTHEAST



DEPARTMENT OF THE NAVY  
NAVAL FACILITIES ENGINEERING COMMAND SOUTHEAST  
JACKSONVILLE, FL 32212-0030

OPC6  
December 20, 2007

Ms. Lila Llamas  
US Environmental Protection Agency  
Federal Facilities Branch  
Region IV  
61 Forsyth Street, SW  
Atlanta, GA 30303

Subj: VAPOR INTRUSION ANALYSIS

Dear Ms. Llamas:

Enclosed is the vapor intrusion analysis that was performed for the future Motor Transport (Motor T) facility at Installation Restoration (IR) Site 27 at Marine Corps Recruit Depot (MCRD), Parris Island, SC.

Based on modeling results, installation of a vapor barrier provides a margin of safety for facility occupants that will accommodate any foreseeable changes in ground water concentrations. As such, a vapor barrier will be installed during construction of the facility. A description of the vapor barrier will be included in a design drawing and provided for public record upon completion of the facility design. Based on the current schedule, the design will be complete in approximately three months. Further, other buildings will also be evaluated for vapor intrusion as part of the on-going Remedial Investigation as appropriate.

We look forward to discussing our findings. Should you have any questions regarding this submittal, please contact Charles Cook, PE, at (904) 542-6409 or e-mail [charles.cook2@navy.mil](mailto:charles.cook2@navy.mil).

Sincerely,

A handwritten signature in cursive script, appearing to read "K. Stewart".

KATHRYN A. STEWART, P.E.  
Restoration Section Head  
South Central Integrated Product Team

Enclosure:  
(1) Vapor Intrusion Analysis

Copy to:  
MCRD Parris Island (Tim Harrington, Heber Pitman)  
Tetra Tech (Mark Sladic)  
EPA (Mac McRae)