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NAS CECIL FIELD, FL
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FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION REVIEW OF THIRD AND
FOURTH QUARTER 2004 OPERATIONS AND MAINTENANCE STATUS REPORTS FOR AIR
SPARGING SYSTEM AT BUILDING 271 NAS CECIL FIELD FL
1/19/2006
FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION



Jeb Bush
Governor

Department of Environmental Protection

Twin Towers Building
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Colleen M. Castille
Secretary

January 19, 2006

Commanding Officer
Mr. Mark Davidson, Code ES33
SOUTHNAVFACENGCOM
Post Office Box 190010
North Charleston, SC 29419-9010

RE: Operations and Maintenance Status Reports, Air Sparging System, Building 271, First, Second, Third and Fourth Quarter 2004, Naval Air Station Cecil Field, Florida.

Dear Mr. Davidson:

I have completed my review of the Operations and Maintenance Status Reports, Air Sparging System, Building 271, First, Second, Third and Fourth Quarter 2004, Naval Air Station Cecil Field, dated August 2004, November 2004, February 2005 and June 2005, respectively (received August 17, 2004; November 24, 2004; February 10, 2005; and June 15, 2005, respectively), prepared and submitted by CH2M Hill Constructors, Inc. This letter is to acknowledge the Department's receipt of these reports and to verify that the information contained within those reports is acceptable to the Department.

Upon reviewing the data presented in the four reports, it is apparent that only four monitoring wells located along the axis of the Air Sparging System have been sampled and analyzed for VOCs and PAHs since the system has been started. Of those four wells, only well CEF-271-7S remains with contaminant concentrations above groundwater cleanup target levels. I suggest that only air sparge wells located near CEF-271-7S be used to further attempt to reduce contaminant concentrations in that well. Also, shutting down the rest of the system might allow the Navy to determine the potential for rebound in parts of the groundwater contaminant plume that appear to already have been remediated by the air sparging system. I would also strongly suggest that a comprehensive round of sampling and analysis of all the monitoring wells on site be conducted. As indicated in Tables 3-4, 3-3, 3-3 and 3-3 of the four quarterly reports, field parameter measurements, including pH, conductivity, turbidity, dissolved oxygen, temperature and oxygen

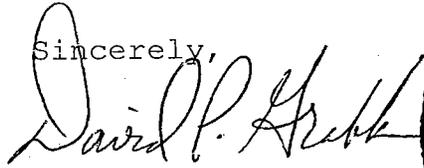
"More Protection, Less Process."

Mr. Mark Davidson
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reducing potential, have been collected every quarter from all monitoring wells on site. It would not seem to require much more effort to collect groundwater samples for laboratory analyses for VOCs and PAHs from all the wells. Also, the groundwater flow direction indicated in the four quarterly reports are significantly different from what was indicated in the Remedial Action Plan.

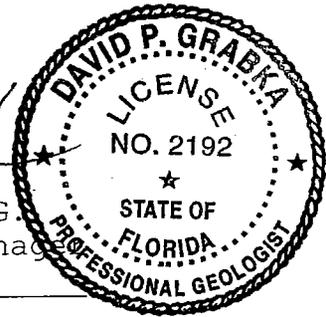
If you have any concerns regarding this letter, please contact me at (850)245-8997.

Sincerely,



David P. Grabka, P.G.
Remedial Project Manager

19 January 2006
date



CC: Mike Halil, CH2M Hill
Doyle Brittain, USEPA, Atlanta
John Flowe, City of Jacksonville
Mark Speranza, TtNUS, Pittsburgh
Mike Fitzsimmons, FDEP, Northeast District

JJC



ESN

