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NAS CECIL FIELD, FL
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LETTER REGARDING FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
COMMENTS ON OPERATIONS AND MAINTENANCE STATUS REPORT THIRD QUARTER
2006 FOR AIR SPARGING SYSTEM AT BUILDING 271 NAS CECIL FIELD FL

3/26/2007

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION



Florida Department of Environmental Protection

Bob Martinez Center
2600 Blairstone Road
Tallahassee, Florida 32399-2400

Charlie Crist
Governor

Jeff Kottkamp
Lt. Governor

Michael W. Sole
Secretary

March 26, 2007

BRAC PMO SE

Attn: Mr. Mark Davidson
4130 Faber Place Drive
Suite 202
North Charleston, SC 29405

RE: Operations and Maintenance Status Report for the Air Sparging System, Building 271, (Option Year 1, 3rd Quarter 2006-2007), Naval Air Station Cecil Field, Jacksonville, Florida.

Dear Mr. Davidson:

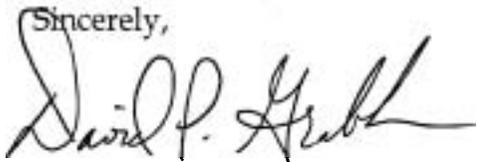
I have completed my review of the Operations and Maintenance Status Report for the Air Sparging System, Building 271, (Option Year 1, 3rd Quarter 2006-2007), Naval Air Station Cecil Field, dated February 28, 2007 (received March 16, 2007), prepared by ESA Environmental Specialists, Inc. I have the following comments on the report:

- (1) The report is more accurately characterized as a groundwater monitoring report. The operational efficiency of the air sparging system was not contained in the report. There was no description on how the system was running and whether there were problems observed or unanticipated downtime. Also, there were no air sparging system pressure/flow rate monitoring data reported.
- (2) Groundwater sampling logs were not attached in the appendix to the report. Also, field parameter measurements were not included.
- (3) The groundwater cleanup target level (GCTL) and natural attenuation default concentration (NADC) for toluene are reported as being 1 µg/L and 10 µg/L, respectively in Table 2-1. The correct GCTL and NADC for toluene are 40 µg/L and 400 µg/L, respectively.
- (4) No water level measurements were provided. The Potentiometric Surface Map depicted in Figure 2-1 contours water levels measured in the previous quarter.

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- (5) Groundwater contaminant concentrations in monitoring well CEF-271-07S were markedly decreased from the previous quarters results. It would be interesting to note whether the operational efficiency of the air sparging system had been improved or whether there were other factors that may have played a part.

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

Sincerely,


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

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

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