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LETTER AND COMMENTS FROM FLORIDA DEPARTMENT OF ENVIRONMENTAL  
PROTECTION REGARDING PRELIMINARY ASSESSMENT AND SITE INSPECTION U S  
ARMY HAWK MISSILE SITE GEIGER SITE 22NAS KEY WEST FL  
6/6/2011  
FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION



# Florida Department of Environmental Protection

Bob Martinez Center  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400

Rick Scott  
Governor

Jennifer Carroll  
Lt. Governor

Herschel T. Vinyard Jr.  
Secretary

June 6, 2011

Mr. Dana Hayworth, P.G.  
DEPARTMENT OF THE NAVY  
NAVAL FACILITIES SOUTHEAST  
ATTN: AJAX STREET, BLDG 135N  
P.O. BOX 30A  
JACKSONVILLE, FL 32212-0030  
Official Government Business

Re: Preliminary Assessment and Site Inspection U.S. Army Hawk Missile Site, Geiger Key, Site 22, Naval Air Station Key West, Florida

Dear Mr. Hayworth:

1. **Page 4-1, Section 4.1, Groundwater:** This section describes several areas that could have served as possible sources of contamination at this site; the Aboveground Storage Tank (AST) area which could have served as a potential source for both Total Petroleum Hydrocarbons (TPHs) and other petroleum related constituents, the generator building and the radar tower both of which could have had chlorinated solvents on site. The Department feels that this information will need to be taken into consideration when conducting any future remedial investigations for this site.
2. **Page 7-2, Section 7.2.1.2 Monitoring Well Sampling Techniques:** Due to the age of these wells and the metals found in the groundwater that exceeded our Groundwater Cleanup Target Levels (GCTLs), the Department was concerned that the groundwater purging technique used may be a contributing factor for this situation. The Department would like to know if the monitoring wells were sampled per "Standard Operating Procedure (SOP) 001/01 FS2200 Groundwater Sampling" for this site?
3. **Page 8-3, Section 8.1.3, Potential Contaminant Migration Pathways, 3<sup>rd</sup> paragraph last sentence:** This sentence states: "At this time, it is not known if contaminated groundwater is discharging to any of the surface water features surrounding the Site." The Department would expect this situation to be fully addressed in any future remedial investigations to be conducted at this site.
4. **Page 8-7, Section 8.5, Recommendations:** The Department concurs with the recommendation to perform confirmatory sampling for TPHS for this site. However, we also

think it would be prudent to delineate the metals and pesticides found in the groundwater as well.

5. **Page 8-7, Section 8.5, Recommendations:** In this section the Navy also recommends they would like to perform a site specific risk assessment and a preparation of a Remedial Action Plan to address the TPH contamination found at this site. The Department has no objection to this but feels that the same tasks will need to be conducted after the site has been fully assessed in a remedial investigation.

If I can be of any further assistance with this matter, please contact me at (850) 245-8998.

Sincerely



Tracie Lynn Bolanos  
Remedial Project Manager  
Federal Programs Section  
Bureau of Waste Cleanup

JJC *JJC* ESN *ESN*

cc: Mr. Robert Courtright, Naval Air Station Key West, Key West, Florida  
Shauna Statler-Hardy, Tetra Tech Aiken South Carolina