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NAS KEY WEST
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EMAIL REGARDING GROUNDWATER MONITORING TO BE CONDUCTED AT BASE
REALIGNMENT AND CLOSURE PARCEL G POINCIANA HOUSING NAS KEY WEST FL
8/17/1998
TETRA TECH NUS

Bryan, Charles

From: Bryan, Charles
Sent: Monday, August 17, 1998 3:05 PM
To: 'Demes, Ron - Engineering Director'; J. Dudley Patrick (E-mail); Jorge Caspary (E-mail); Martha Berry (E-mail); Roy Hoekstra (E-mail)
Subject: Draft Poinciana Housing Groundwater Monitoring Plan

This purpose of this message is to document the groundwater monitoring that will be conducted at Naval Air Station (NAS) Key West, Base Realignment and Closure (BRAC) Parcel G (Poinciana Housing). The NAS Key West Partnering Team (KWPT) has decided that the levels of arsenic detected in groundwater during the site inspection (SI) previously conducted at Poinciana Housing warrant the need for conducting groundwater monitoring. Tetra Tech NUS, Inc., will perform this groundwater sampling on behalf of the U.S. Navy, Naval Facilities Engineering Command, Southern Division (SouthDiv) under the Comprehensive Long-Term Environmental Action- Navy (CLEAN) Contract Number N6246-94-D-0888, Contract Task Order 032.

Additional information regarding the planning for the SI conducted at Poinciana Housing is located in the BRAC SI Workplan (B&R Environmental, 1998a). Information about the SI results is located in the SI Report for Poinciana Housing (B&R Environmental, 1998b). In summary, arsenic was detected in groundwater at Poinciana Housing at 102 micrograms per liter ($\mu\text{g/L}$), which is about twice the established action level. Arsenic was the only chemical detected above its respective action level as established by the KWPT and documented in the workplan (B&R Environmental, 1998a). Thus, the KWPT has decided to establish groundwater monitoring for arsenic at Poinciana Housing.

The sampling will be performed using the same low-flow techniques, procedures, and protocols that are documented in the workplan (B&R Environmental, 1998a). All health and safety procedures applicable to the groundwater monitoring at Poinciana Housing will be observed. The single monitoring well installed at Poinciana Housing (designated as GMW-01) will be analyzed for levels of arsenic on a quarterly basis beginning in July 1998. The KWPT will evaluate the results of these sampling events to determine the need for additional monitoring. At its March 1998 meeting, the KWPT decided that detecting arsenic at or below its action level of 50 $\mu\text{g/L}$ during two consecutive quarterly sampling events would be sufficient cause for discontinuing the groundwater monitoring at Poinciana Housing.

References

B&R Environmental (Brown & Root Environmental), 1998a, Site Investigation Workplan for Ten BRAC Properties, Revision 2, Naval Air Station Key West, Florida. January.

B&R Environmental (Brown & Root Environmental), 1998b, Site Inspection Report for Poinciana BRAC Parcel, Revision 1, Naval Air Station Key West, Florida. June.

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