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NAS WHITING FIELD
5090.3a

RESULTS OF PRIVATE WELL SAMPLING NAS WHITING FIELD FL
12/22/2004
TETRA TECH NUS

22 December 2004

Ms. Linda Martin
Department of the Navy, Southern Division
Naval Facilities Engineering Command
2155 Eagle Drive, PO Box 190010
North Charleston, SC 29419-9010

RE: Results of Private Well Sampling

Dear Ms. Martin:

The sampling and analysis of 4 of the 5 private wells located along Hwy 87 west of NAS Whiting field has been completed. Analytical results are found in the attached PDF file. The samples are identified on the analytical forms as private well(s) 1 through 4 and a trip blank is included. All wells were sampled using FDEP standard operating procedures on 5 November, 2004.

Analytical results of the four sampled wells show that the well water samples are free of any analytical contaminants typically sampled for at NAS Whiting Field.

Ground water analysis included:

ethylene dibromide by SW 8011,
organochlorine pesticides by SW 8081A,
PAH's by SW 8270C_SIM,
PCBs by SW 8082, TCL SVOCs by SW 8270C,
TRPH by Florida PRO method,
VOCs by SW 8260B,
Mercury by SW 7470A,
and Total metals by SW 6010B.

Private well 1 was collected from the well servicing the residence of Clyde and Lucille Cameron at 7686 Hwy 87. The well was located approximately 150 feet south of the residence. PVC pipe was use to convey the water to the residence. The bladder in the storage tank was not functioning at the time of sampling so the pump cycled on and off during sampling. This would not alter the quality of the groundwater sampled for analysis.

Private well 2 was collected from the well servicing the residence of Andrea Mosley at 7672 Hwy 87. The well was located approximately 100 feet north of the residence and conversely approximately 100 feet southeast of Private well 1. PVC pipe was use to convey the water to the residence. The pump appeared to be functioning properly at the time of sampling.

Private wells 3 and 4 were collected from the well servicing the residence of Larry and Diana Simpson at 7596 Hwy 87. Both wells were located approximately 100 feet north of the residence and are located approximately 10 feet apart. PVC pipe was use to convey the water to the residence. Both pumps appeared to be functioning properly at the time of sampling. According to Mr. Simpson, the intake for Private well 3 is above the intake for Private well 4. The pumps appeared to be functioning properly at the time of sampling. Mr. Simpson indicated Private well 4 is the current source for household water. Private well 3 is used for outside purposes such as watering grass and washing cars.

The 5th well located on the Sanborn property at 7550 Hwy 78 was not sampled because the owners were not present on two occasions (5 November, 03 December, 2004) when sampling was attempted.

If you have questions concerning the information presented in this report, please call me at (850) 385-9899.

Sincerely,
TETRA TECH NUS, INC.

Larry Smith, PG
Senior Hydrogeologist

Attachment:



WO 7148-Form 1
only.pdf