



DEPARTMENT OF THE ARMY
CAMP STANLEY STORAGE ACTIVITY, RRAD
25800 RALPH FAIR ROAD, BOERNE, TX 78015-4800

May 27, 2005

U-264-05

Subject: Sampling of Water Well RFR-13

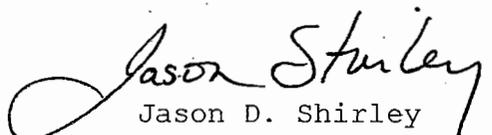
Camp Stanley Storage Activity (CSSA) collected groundwater samples from your well RFR-13 on 3/24/05. These samples were submitted to a Department of Defense (DoD) approved laboratory for volatile organic compound (VOC) analysis. This letter provides you with the VOC data from the laboratory results and a formal thank you for your assistance in this groundwater monitoring effort.

Based on the analytical data, no VOCs were identified in water samples from Well RFR-13. However, concentrations of bromodichloromethane (1.47 ppb), bromoform (1.21 ppb), chloroform (17.38 ppb), and dibromochloromethane (1.52 ppb) were identified in well RFR-13 from the 3/24/05 sample. These VOCs are regulated by the EPA as total trihalomethanes with a combined MCL of 80 ppb for all results. The combined result of the total trihalomethanes detected in your well is below the 80 ppb MCL at a concentration of 21.58 ppb total and are below the applicable MCL and do not affect usability of your well. These compounds are common disinfection byproducts related to disinfectants added to drinking water. You indicated to CSSA's representative during sample collection that you treat your own drinking water with household bleach and is likely the source of trihalomethanes found in your well. During previous communications, a copy of the TCEQ guidelines for well disinfection was provided to you. Results from the laboratory analysis for the 3/24/05 sample and the field duplicate are provided as an attachment.

As part of the ongoing CSSA environmental program, we are continuing to investigate and cleanup VOC source areas on the installation and to track these compounds in groundwater on- and off-post. As part of this effort, we may contact you in the future to schedule another sampling event for your well listed above.

Again, we would like to thank you for your cooperation. If you have any questions concerning this letter, please contact me at 295-7416.

Sincerely,


Jason D. Shirley
Installation Manager

Attachments

cc: Mr. Greg Lyssy, EPA Region 6
Mr. Sonny Rayos, TCEQ Central Office
Mr. Henry Karnei, TCEQ Region 13
Ms. Kyle Cunningham, San Antonio Metropolitan Health Dist.
Ms. Julie Burdey, Parsons
Ms. Kimberly Riley, Parsons

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: EPA 8260B Preparatory Method: 5030B AAB #: 050405AC-85396
 Lab Name: APPL, Inc Contract #: F41624-03-D-8613, TO 08
 Field Sample ID: RFR-13 Lab Sample ID: AX16366 Matrix: Water
 % Solids: NA Initial Calibration ID: C050331
 Date Received: 25-Mar-05 Date Prepared: 05-Apr-05 Date Analyzed: 05-Apr-05
 Concentration Units: ug/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,1-DCE	0.12	1.2	0.12	1		U
Bromodichloromethane	0.06	0.8	1.47	1		
Bromoform	0.13	1.2	1.21	1		
Chloroform	0.06	0.3	17.38	1		
Cis-1,2-DCE	0.07	1.2	0.07	1		U
Dibromochloromethane	0.06	0.5	1.52	1		
Dichlorodifluoromethane	0.11	1.0	0.11	1		U
Methylene chloride	0.51	2.0	0.51	1		U
Naphthalene	0.07	0.4	0.07	1		U
TCE	0.05	1.0	0.05	1		U
Tetrachloroethene	0.06	1.4	0.06	1		U
Toluene	0.06	1.1	0.06	1		U
Trans-1,2-DCE	0.08	0.6	0.08	1		U
Vinyl chloride	0.08	1.1	0.08	1		U

Surrogate	Recovery	Control Limits	Qualifier
1,2-DCA-D4(S)	113	69-139	
4-Bromofluorobenzene(S)	103	75-125	
Dibromofluoromethane(S)	115	75-125	
Toluene-D8(S)	89.3	75-125	

Internal Std	Qualifier
1,4-Dichlorobenzene-D(IS)	
Chlorobenzene-D5(IS)	
Fluorobenzene(IS)	

Comments: ARF: 46940

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: EPA 8260B Preparatory Method: 5030B AAB #: 050405AC-85396
 Lab Name: APPL, Inc Contract #: F41624-03-D-8613, TO 08
 Field Sample ID: RFR-13 DUP Lab Sample ID: AX16367 Matrix: Water
 % Solids: NA Initial Calibration ID: C050331
 Date Received: 25-Mar-05 Date Prepared: 05-Apr-05 Date Analyzed: 05-Apr-05
 Concentration Units: ug/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,1-DCE	0.12	1.2	0.12	1		U
Bromodichloromethane	0.06	0.8	1.37	1		
Bromoform	0.13	1.2	1.12	1		F
Chloroform	0.06	0.3	16.71	1		
Cis-1,2-DCE	0.07	1.2	0.07	1		U
Dibromochloromethane	0.06	0.5	1.45	1		
Dichlorodifluoromethane	0.11	1.0	0.11	1		U
Methylene chloride	0.51	2.0	0.51	1		U
Naphthalene	0.07	0.4	0.07	1		U
TCE	0.05	1.0	0.05	1		U
Tetrachloroethene	0.06	1.4	0.06	1		U
Toluene	0.06	1.1	0.06	1		U
Trans-1,2-DCE	0.08	0.6	0.08	1		U
Vinyl chloride	0.08	1.1	0.08	1		U

Surrogate	Recovery	Control Limits	Qualifier
1,2-DCA-D4(S)	103	69-139	
4-Bromofluorobenzene(S)	103	75-125	
Dibromofluoromethane(S)	111	75-125	
Toluene-D8(S)	96.2	75-125	

Internal Std	Qualifier
1,4-Dichlorobenzene-D(IS)	
Chlorobenzene-D5(IS)	
Fluorobenzene(IS)	

Comments: ARF: 46940