



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

June 4, 2004

U-076-04

Subject: Sampling of Water Well JW-14,
Road

Camp Stanley Storage Activity (CSSA) collected groundwater samples from your well (JW-14) on 3/02/04. These samples were submitted to a laboratory contracted by CSSA's environmental contractor 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.

An abbreviated summary of analytical results compared to maximum contaminant levels (MCLs) allowed in drinking water by the U.S. EPA under the Safe Drinking Water Act is provided below:

Date Sampled	VOC compound	Result (ppb)	MCL (ppb)
Well JW-14,			
3/02/04	Tetrachloroethene (PCE)	<0.06 (non-detect)	5
	Trichloroethene (TCE)	<0.05 (non-detect)	5
	<i>cis</i> -1,2-dichloroethene (DCE)	<0.07 (non-detect)	70
3/02/04 Field Duplicate	PCE	<0.06 (non-detect)	5
	TCE	<0.05 (non-detect)	5
	DCE	<0.07 (non-detect)	70

*The "F" qualifier indicates the value is above the laboratory method detection limit, but below the laboratory reporting limit for the compound.

Based on the analytical data, no VOCs related to CSSA's groundwater investigation were identified in water samples from your well. However, concentrations of bromodichloromethane (0.11F ppb and 0.13F ppb) and chloroform (1.17 ppb and 1.30 ppb) were identified in your well along with the field duplicate sample. These VOCs are regulated by the EPA as total trihalomethanes with a combined MCL of 80 ppb for all results. These compounds are common disinfection byproducts related to disinfectants added to drinking water. These levels are below the applicable MCL and do not affect usability of your well. Results from the laboratory analysis are provided as an attachment for the 3/02/04 event.

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



AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: EPA 8260B Preparatory Method: 5030B AAB #: 040304AN-73447
 Lab Name: APPL, Inc Contract #: F41624-03-D-8613, TO 08
 Field Sample ID: JW-14 Lab Sample ID: AP66376 Matrix: Water
 % Solids: NA Initial Calibration ID: N040303
 Date Received: 03-Mar-04 Date Prepared: 04-Mar-04 Date Analyzed: 04-Mar-04
 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	0.11	1		F
Bromoform	0.13	1.2	0.13	1		U
Chloroform	0.06	0.3	1.17	1		U
Cis-1,2-DCE	0.07	1.2	0.07	1		U
Dibromochloromethane	0.06	0.5	0.06	1		U
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)	116	75-125	
Dibromofluoromethane(S)	102	75-125	
Toluene-D8(S)	110	75-125	

Internal Std	Qualifier
1,4-Dichlorobenzene-D15	
Chlorobenzene-D5(15)	
Fluorobenzene(15)	

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: EPA 8260B Preparatory Method: 5030B AAB #: 040304AN-73447
 Lab Name: APPL, Inc Contract #: F41624-03-D-8613, TO 08
 Field Sample ID: JW-14 DUP Lab Sample ID: AP66377 Matrix: Water
 % Solids: NA Initial Calibration ID: N040303
 Date Received: 03-Mar-04 Date Prepared: 04-Mar-04 Date Analyzed: 04-Mar-04
 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	0.13	1		F
Bromoform	0.13	1.2	0.13	1		U
Chloroform	0.06	0.3	1.30	1		U
Cis-1,2-DCE	0.07	1.2	0.07	1		U
Dibromochloromethane	0.06	0.5	0.06	1		U
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)	105	69-139	
4-Bromofluorobenzene(S)	113	75-125	
Dibromofluoromethane(S)	105	75-125	
Toluene-D8(S)	111	75-125	

Internal Std	Qualifier
1,4-Dichlorobenzene-D1(S)	
Chlorobenzene-D5(S)	
Fluorobenzene(S)	

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