



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

May 27, 2005

U-266-05

Subject: Sampling of Water Well JW-14

Camp Stanley Storage Activity (CSSA) collected groundwater samples from your well (JW-14) on 3/22/05. 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.

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			
3/22/05	Tetrachloroethene (PCE)	<0.06 (non-detect)	5
	Trichloroethene (TCE)	<0.05 (non-detect)	5
	cis-1,2-dichloroethene (DCE)	<0.07 (non-detect)	70
3/22/05 Field Duplicate	PCE	0.10F	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, low levels of the VOC PCE was identified in water samples from your well. This level is below the applicable MCL and does not affect usability of your well. In addition to PCE, detection of chloroform at a concentration of 0.14F ppb was also reported. Chloroform is regulated by the EPA as a total trihalomethane with a combined maximum contaminant level (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 3/22/05 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  
Ms. Kimberly Riley, Parsons

AFCEE  
ORGANIC ANALYSES DATA SHEET 2  
RESULTS

Analytical Method: EPA 8260B      Preparatory Method: 5030B      AAB #: 050401AS-85482  
 Lab Name: APPL, Inc      Contract #: F41624-03-D-8613, TO 08  
 Field Sample ID: JW-14 DUP      Lab Sample ID: AX16208      Matrix: Water  
 % Solids: NA      Initial Calibration ID: S050331  
 Date Received: 23-Mar-05      Date Prepared: 01-Apr-05      Date Analyzed: 01-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	0.06	1		U
Bromoform	0.13	1.2	0.13	1		U
Chloroform	0.06	0.3	0.14	1		F
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	0.10	1		F
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

*M U*  
*TC*  
*4/15/05*

Surrogate	Recovery	Control Limits	Qualifier
1,2-DCA-D4(S)	91.9	69-139	
4-Bromofluorobenzene(S)	106	75-125	
Dibromofluoromethane(S)	96.4	75-125	
Toluene-D8(S)	90.1	75-125	

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

Comments: ARF: 46907

*See p. 26*

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ORGANIC ANALYSES DATA SHEET 2  
RESULTS

Analytical Method: EPA 8260B      Preparatory Method: 5030B      AAB #: 050401AS-85482  
 Lab Name: APPL, Inc      Contract #: F41624-03-D-8613, TO 08  
 Field Sample ID: JW-14      Lab Sample ID: AX16209      Matrix: Water  
 % Solids: NA      Initial Calibration ID: S050331  
 Date Received: 23-Mar-05      Date Prepared: 01-Apr-05      Date Analyzed: 01-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	0.06	1		U
Bromoform	0.13	1.2	0.13	1		U
Chloroform	0.06	0.3	0.14	1		F
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

*M X TC*  
*4/15/05*

Surrogate	Recovery	Control Limits	Qualifier
1,2-DCA-D4(S)	91.2	69-139	
4-Bromofluorobenzene(S)	111	75-125	
Dibromofluoromethane(S)	94.9	75-125	
Toluene-D8(S)	92.9	75-125	

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

Comments: ARF: 46907

*See p. 76*