



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

July 12, 2006

U-116-06

Subject: Sampling of Water Well JW-8
Road

Camp Stanley Storage Activity (CSSA) collected groundwater samples from your well (JW-8) on 3/23/06. 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-8	nd		
3/23/06	Tetrachloroethene (PCE)	0.32F	5
	Trichloroethene (TCE)	<0.05 (non-detect)	5
	<i>cis</i> -1,2-Dichloroethene (DCE)	<0.07 (non-detect)	70
Well JW-8 Field Duplicate			
3/23/06	PCE	0.25F	5
	TCE	<0.05 (non-detect)	5
	DCE	<0.07 (non-detect)	70

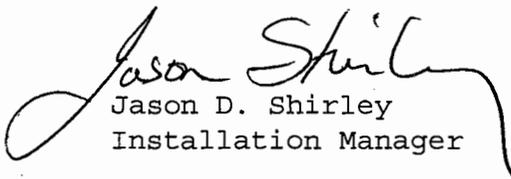
*The "F" qualifier indicates the value is above the laboratory method detection limit, but below the laboratory reporting limit for the compound.

Based on the analytical data, low levels of the VOC PCE were identified in water samples from your well. These levels are below the applicable MCLs and do not affect usability of your well.

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 the well listed above.

Again, we would like to thank you for your cooperation. We regret that your well has been impacted, but remain committed to making sure your water is safe to use and keeping you informed. If you have any questions concerning this letter, please contact Glare Sanchez, CSSA Environmental Program Manager, at (210) 698-5208.

Sincerely,


Jason D. Shirley
Installation Manager

Attachments

cc: Ms. Glare Sanchez, CSSA Environmental Program Manager
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 Vaughn, Parsons

Data Anomalies

Methylene chloride was detected at a concentration of 1.12F ppb and 1.16F ppb in the field duplicate. These results are below the MCL for methylene chloride (5 ppb). Methylene chloride has been reported periodically in samples from both on- and off-post wells since 1992. Each time methylene chloride was detected, it was also present in the analysis method blank, indicating the analyte was introduced as a laboratory contaminant and was not present in the groundwater. Methylene chloride is considered a common laboratory contaminant and there are no known historical uses of methylene chloride on-post. Results from the laboratory analysis are provided as an attachment for the event included in the summary tables above. Although these VOCs are not naturally occurring, they are below the MCL and as such, do not prevent usability of your well.

A data qualifier, M, was placed on the analyte bromodichloromethane for your well. The laboratory is required to follow certain quality assurance procedures, including a set of matrix spike and matrix spike duplicate analyses for every twenty wells sampled. The matrix spike and/or matrix spike duplicate analysis had bromodichloromethane recovered below the acceptance criteria in one of the other samples from the same data package. Although the results are still considered usable, all bromodichloromethane results for samples in this data package were flagged with an "M" in accordance with the CSSA Quality Assurance Project Plan (QAPP) requirements. The "M" flag applied for bromodichloromethane does not affect the usability of your well.

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: EPA 8260B Preparatory Method: 5030B AAB #: 060404BM-98437
 Lab Name: APPL, Inc Contract #: F41624-03-D-8613, TO 08
 Field Sample ID: JW-8 Lab Sample ID: AX38085 Matrix: Water
 % Solids: NA Initial Calibration ID: M060330
 Date Received: 24-Mar-06 Date Prepared: 05-Apr-06 Date Analyzed: 05-Apr-06
 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		M U
Bromoform	0.13	1.2	0.13	1		U
Chloroform	0.06	0.3	0.06	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	1.12	1		F
Naphthalene	0.07	0.4	0.07	1		U
TCE	0.05	1.0	0.05	1		U
Tetrachloroethene	0.06	1.4	0.32	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

Surrogate	Recovery	Control Limits	Qualifier
1,2-DCA-D4(S)	104	69-139	
4-Bromofluorobenzene(S)	98.6	75-125	
Dibromofluoromethane(S)	87.1	75-125	
Toluene-D8(S)	108	75-125	

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

Comments: ARF: 50099

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: EPA 8260B Preparatory Method: 5030B AAB #: 060404BM-98437
 Lab Name: APPL, Inc Contract #: F41624-03-D-8613, TO 08
 Field Sample ID: JW-8 DUP Lab Sample ID: AX38086 Matrix: Water
 % Solids: NA Initial Calibration ID: M060330
 Date Received: 24-Mar-06 Date Prepared: 05-Apr-06 Date Analyzed: 05-Apr-06
 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		M
Bromoform	0.13	1.2	0.13	1		U
Chloroform	0.06	0.3	0.06	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	1.16	1		F
Naphthalene	0.07	0.4	0.07	1		U
TCE	0.05	1.0	0.05	1		U
Tetrachloroethene	0.06	1.4	0.25	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

Surrogate	Recovery	Control Limits	Qualifier
1,2-DCA-D4(S)	112	69-139	
4-Bromofluorobenzene(S)	99.8	75-125	
Dibromofluoromethane(S)	90.9	75-125	
Toluene-D8(S)	105	75-125	

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

Comments: ARF: 50099
