



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

May 23, 2003

U-062-03

RE: Sampling of Water Well JW-14, Located at 26435 Ralph Fair Road

Dear Mr. Chavez:

Camp Stanley Storage Activity (CSSA) collected groundwater samples from your well (JW-14) on 3/10/03. 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.

In addition to the normal sample collected, an additional sample, designated "non-purged" was collected to sample the drinking water as it is used from the well. The results are tabulated below.

Date Sampled	VOC compound	Result (ppb)	MCL (ppb)
Well JW-14,			
3/10/03	Tetrachloroethene (PCE)	0.15F	5
	Trichloroethene (TCE)	<0.05 (non-detect)	5
	cis-1,2-dichloroethene (DCE)	<0.07 (non-detect)	70
Well JW-14,			
3/10/03 Non Purged	PCE	0.15F	5
	TCE	<0.05 (non-detect)	5
	DCE	<0.07 (non-detect)	70

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

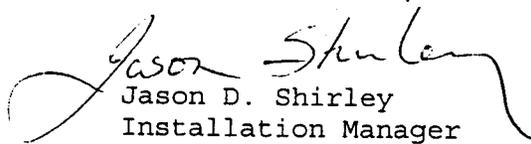
Based on the analytical data, low levels of VOCs were identified in water samples from your well but all concentrations are below the drinking water maximum contaminant levels (MCLs). In addition, low levels of the VOCs chloroform (0.39 ppb and 0.56 ppb), toluene (0.45F ppb and 2.37 ppb) and methylene chloride (3.41B ppb) were detected. The B flag indicates that the analyte was found in an associated method blank, as well as in the sample. Although these VOCs are not naturally occurring, these levels are below the applicable MCL for drinking water and as such, do not prevent usability of your wells, as you are aware. Results from the laboratory analysis are provided as an attachment for the 3/10/03 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 #: 030317AM-60669  
 Lab Name: APPL, Inc      Contract #: F41624-00D-8024-TO0042  
 Field Sample ID: JW-14      Lab Sample ID: AP47340      Matrix: Water  
 % Solids: NA      Initial Calibration ID: M030315  
 Date Received: 13-Mar-03      Date Prepared: 17-Mar-03      Date Analyzed: 17-Mar-03  
 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	0.39	1		
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	1.0	0.51	1		U
Naphthalene	0.07	0.8	0.07	1		U
TCE	0.05	1.0	0.05	1		U
Tetrachloroethene	0.06	1.4	0.15	1		F
Toluene	0.06	1.1	0.45	1		F
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)	94.0	62-139	
4-Bromofluorobenzene(S)	97.6	75-125	
Dibromofluoromethane(S)	94.3	75-125	
Toluene-D8(S)	98.7	75-125	

Internal Std	Qualifier
1,4-Dichlorobenzene-D1S	
Chlorobenzene-D5(1S)	
Fluorobenzene(1S)	

Comments:

---



---



---

AFCEE  
ORGANIC ANALYSES DATA SHEET 2  
RESULTS

Analytical Method: EPA 8260B      Preparatory Method: 5030B      AAB #: 030317AM-60669  
 Lab Name: APPL, Inc      Contract #: F41624-00D-8024-TO0042  
 Field Sample ID: JW-14-NP      Lab Sample ID: AP47336      Matrix: Water  
 % Solids: NA      Initial Calibration ID: M030315  
 Date Received: 13-Mar-03      Date Prepared: 17-Mar-03      Date Analyzed: 17-Mar-03  
 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	0.56	1		
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	1.0	3.41	1		B
Naphthalene	0.07	0.8	0.07	1		U
TCE	0.05	1.0	0.05	1		U
Tetrachloroethene	0.06	1.4	0.15	1		F
Toluene	0.06	1.1	2.37	1		
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)	93.3	62-139	
4-Bromofluorobenzene(S)	98.8	75-125	
Dibromofluoromethane(S)	94.1	75-125	
Toluene-D8(S)	97.5	75-125	

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

Comments: *See page 121. TC 4/20/03*