



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

May 23, 2003

U-066-03

RE: Sampling of Water Wells, FO-J1
FO-8,
FO-17,

Camp Stanley Storage Activity (CSSA) collected groundwater samples from your wells (FO-J1, FO-8 and FO-17) 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.

Date Sampled	VOC compound	Result (ppb)	MCL (ppb)
Well FO-J1,			
3/10/03	Tetrachloroethene (PCE)	<0.06 (non-detect)	5
	Trichloroethene (TCE)	<0.05 (non-detect)	5
	cis-1,2-dichloroethene (DCE)	0.20F	70
Well FO-8,			
3/10/03	PCE	<0.06 (non-detect)	5
	TCE	<0.05 (non-detect)	5
	DCE	<0.07 (non-detect)	70
Well FO-17,			
3/10/03	PCE	<0.06 (non-detect)	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 drinking water maximum contaminant levels (MCLs). In addition, low levels of methylene chloride (2.60B ppb) were detected in FO-J1 and low levels of toluene in FO-J1 (0.74F ppb), FO-8 (0.40F ppb) and FO-17 (0.25F) 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 methylene chloride (5 ppb) and toluene (1,000 ppb) in drinking water and as such, do not prevent usability of

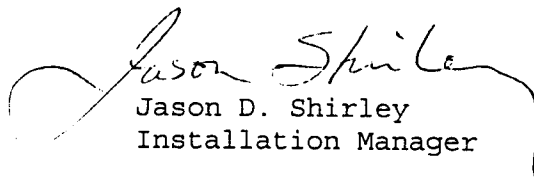


your well. Results from the laboratory analysis are provided as an attachment for the 3/10/03 event.

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: FO-J1 Lab Sample ID: AP47343 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	0.06	1		U
Cis-1,2-DCE	0.07	1.2	0.20	1		F
Dibromochloromethane	0.06	0.5	0.06	1		U
Dichlorodifluoromethane	0.11	1.0	0.11	1		U
Methylene chloride	0.51	1.0	2.60	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	0.06	1		U
Toluene	0.06	1.1	0.74	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)	101	62-139	
4-Bromofluorobenzene(S)	101	75-125	
Dibromofluoromethane(S)	97.9	75-125	
Toluene-D8(S)	96.7	75-125	

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

Comments: See p. 121. TC 4/20/03

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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: FO-8 Lab Sample ID: AP47347 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	0.06	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	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	0.06	1		U
Toluene	0.06	1.1	0.40	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)	94.1	62-139	
4-Bromofluorobenzene(S)	97.7	75-125	
Dibromofluoromethane(S)	91.4	75-125	
Toluene-D8(S)	96.1	75-125	

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

Comments:

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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: FO-17 Lab Sample ID: AP47348 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	0.06	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	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	0.06	1		U
Toluene	0.06	1.1	0.25	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)	92.1	62-139	
4-Bromofluorobenzene(S)	97.5	75-125	
Dibromofluoromethane(S)	94.5	75-125	
Toluene-D8(S)	97.9	75-125	

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

Comments:
