



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

June 4, 2004

U-075-04

Subject: Sampling of Water Well OFR-1,

Camp Stanley Storage Activity (CSSA) collected groundwater samples from your well (OFR-1) on 3/3/04. 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 OFR-1,			
3/3/04	Tetrachloroethene (PCE)	0.39F	5
	Trichloroethene (TCE)	<0.05 (non-detect)	5
	cis-1,2-dichloroethene (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 above VOCs were identified in water samples from your well. In addition, a laboratory quality assurance flag was placed on the analyte 1,1-dichloroethene (1,1-DCE) for your well. The laboratory is required to follow certain quality assurance procedures, including matrix spike and matrix spike duplicate analyses. The matrix spike analysis had 1,1-DCE approximately 3% below the lower acceptance criteria of 75% in another well from the same data package. The matrix spike duplicate met the required quality assurance criteria. However, in accordance with the CSSA QAPP, the results for 1,1-DCE were flagged "M" for all samples in this sample data package. All data for the March 2004 off-post groundwater monitoring event is considered usable. The "M" flag applied for 1,1-DCE (0.12M ppb) does not affect usability of your well. Results from the laboratory analysis are provided as an attachment for the 3/3/04 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 #: 040310AN-73556
 Lab Name: APPL, Inc Contract #: F41624-03-D-8613, TO 08
 Field Sample ID: OFR-1 Lab Sample ID: AP66475 Matrix: Water
 % Solids: NA Initial Calibration ID: N040309
 Date Received: 05-Mar-04 Date Prepared: 10-Mar-04 Date Analyzed: 10-Mar-04
 Concentration Units: ug/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,1-DCE	0.12	1.2	0.12	1		U ✓ <i>WV</i>
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	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	0.39	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

WV 3/25/04

Surrogate	Recovery	Control Limits	Qualifier
1,2-DCA-D4(S)	104	69-139	
4-Bromofluorobenzene(S)	108	75-125	
Dibromofluoromethane(S)	104	75-125	
Toluene-D8(S)	105	75-125	

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

Comments: ARF: 43889

See comment on page 43. WV 3/25/04