



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

August 30, 2005

U-306-05

Subject: Sampling of Water Well OFR-2,
and Well RFR-10

Camp Stanley Storage Activity (CSSA) collected groundwater samples from your wells (OFR-2 and RFR-10) on 6/22/05 and 6/20/05. 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-2			
6/22/05	Tetrachloroethene (PCE)	0.30F	5
	Trichloroethene (TCE)	<0.05 (non-detect)	5
	<i>cis</i> -1,2-Dichloroethene (DCE)	<0.07 (non-detect)	70
Well RFR-10			
6/20/05	PCE	17.64	5
	TCE	8.14	5
	DCE	0.41F	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 from well OFR-2, low levels of PCE were identified in water samples. This level is below the applicable MCL and does not affect usability of your well. PCE, TCE, and DCE were detected in the water sample collected (prior to treatment) from RFR-10. PCE and TCE concentrations were above the MCL in well RFR-10. The concentrations reported for the VOCs PCE and TCE were above the MCL in the past for your well RFR-10. Therefore, a filtration system was installed on well RFR-10. Results from the laboratory analysis are provided as an attachment for the above sampling events. Please note that CSSA samples the water before treatment by the GAC filtration system on a quarterly basis. A separate letter presenting the analytical results for the pre-GAC sample and the post-GAC sample

obtained during the September sampling event will be sent to you during the month of November.

Additionally, detections of toluene were reported at a concentration of 0.17F ppb in well RFR-10. This level is below the applicable maximum contaminant level (MCL) for toluene of 1,000 ppb and does not affect usability of your well. Toluene has been detected in on-post monitoring wells sporadically and no concentrations on-post have been above the MCL. Toluene is a common groundwater contaminant associated with the widespread use of fuels and motor oils, usually associated with benzene, ethyl benzene, and/or xylene(s) contamination. The low levels of toluene detected in your well are not currently believed to be associated with CSSA activities.

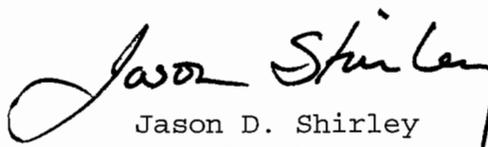
The filtration system was installed by Carbonair Environmental Systems of San Marcos, Texas. The system will remain in operation for the foreseeable future or until significant reductions in contamination levels are seen in the water in your well before it enters the filtration system. As we discussed at the time of installation, CSSA will be responsible for all costs associated with operation and maintenance of this system. CSSA will send a representative on a monthly basis to exchange the five-micron pre- and post-filters in the system.

Carbonair performed maintenance on the system in February 2005. Maintenance will be scheduled approximately every six months. Carbonair will exchange the first carbon canister and perform other routine maintenance operations at each six-month visit. If you experience any problems with the system, please let the installer or CSSA know immediately. Carbonair is very responsive and can make additional maintenance visits if needed.

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 one or more of the wells 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 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 Vaughn, Parsons

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: EPA 8260B Preparatory Method: 5030B AAB #: 050705BN-88915
 Lab Name: APPL, Inc Contract #: F41624-03-D-8613, TO 08
 Field Sample ID: OFR-2 Lab Sample ID: AX22403 Matrix: Water
 % Solids: NA Initial Calibration ID: N050630B
 Date Received: 24-Jun-05 Date Prepared: 06-Jul-05 Date Analyzed: 06-Jul-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	0.06	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		M
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	0.30	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)	102	69-139	
4-Bromofluorobenzene(S)	96.1	75-125	
Dibromofluoromethane(S)	106	75-125	
Toluene-D8(S)	93.8	75-125	

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

Comments: ARF: 47840

See the non-compliant MSLMSD results on p. 78. TC 7/20/05

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: EPA 8260B Preparatory Method: 5030B AAB #: 050704AN-88824
 Lab Name: APPL, Inc Contract #: F41624-03-D-8613, TO 08
 Field Sample ID: RFR-10 Lab Sample ID: AX22266 Matrix: Water
 % Solids: NA Initial Calibration ID: N050630B
 Date Received: 22-Jun-05 Date Prepared: 04-Jul-05 Date Analyzed: 04-Jul-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	0.06	1		U
Cis-1,2-DCE	0.07	1.2	0.41	1		F
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	8.14	1		
Tetrachloroethene	0.06	1.4	17.64	1		
Toluene	0.06	1.1	0.17	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)	99.5	69-139	
4-Bromofluorobenzene(S)	97.3	75-125	
Dibromofluoromethane(S)	105	75-125	
Toluene-D8(S)	98.6	75-125	

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

Comments: ARF: 47820