



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

March 27, 2006

U-058-06

Mr. [REDACTED]
25490 Old Fredericksburg Road
Boerne, TX 78015

Subject: Sampling of Water Wells OFR-2 and RFR-10, Located at 25490
Old Fredericksburg Road (Windmill)

Dear [REDACTED]

Camp Stanley Storage Activity (CSSA) collected groundwater samples from your wells (OFR-2 and RFR-10) on 12/20/05 and 12/22/05. 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, windmill			
12/20/05	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, Located at 25490 Old Fredericksburg Road			
12/22/05	Tetrachloroethene (PCE)	7.29	5
	Trichloroethene (TCE)	3.26	5
	<i>cis</i> -1,2-Dichloroethene (DCE)	0.74F	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 VOC PCE were identified in water samples from your well OFR-2. Results from the laboratory analysis are provided as an attachment for this sampling event. The results in December are below the MCL and do not prevent the use of your well OFR-2. In your well RFR-10, concentrations of PCE were above the MCL from water collected prior to treatment in your filtration system. TCE and DCE concentrations from well RFR-10 were below the MCL from water collected prior to treatment. However, in the past, the concentrations reported for these VOCs were above the MCL. Therefore, a filtration system was installed on your well.

In addition, a data qualifier, M, was placed on the analyte naphthalene for your well RFR-10. 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 analysis had naphthalene recovered below

the acceptance criteria in another well from the same data package. The matrix spike duplicate was within the required quality assurance criteria. However, in accordance with the CSSA QAPP, the results for naphthalene were flagged "M" for all samples in this data package. All data for the December 2005 off-post groundwater monitoring event is considered usable. The "M" flag applied for naphthalene does not affect the usability of your well.

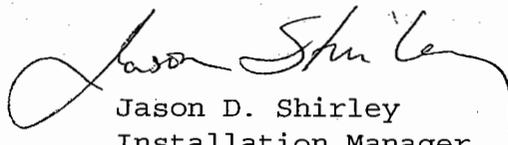
As reported previously, the filtration system at RFR-10 was installed by Carbonair Environmental Systems of San Marcos, Texas. The system will remain in operation for the foreseeable future or until significant reductions in contamination levels are seen in the water in your well before it enters the 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 January 2006. 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 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, Environmental Program Manager, at 698-5208.

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 #: 060101A-95091
 Lab Name: APPL, Inc Contract #: F41624-03-D-8613, TO 08
 Field Sample ID: ORR-2 Lab Sample ID: AX32875 Matrix: Water
 % Solids: NA Initial Calibration ID: M051231
 Date Received: 21-Dec-05 Date Prepared: 01-Jan-06 Date Analyzed: 01-Jan-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		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	0.30	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)	105	69-139	
4-Bromofluorobenzene(S)	93.7	75-125	
Dibromofluoromethane(S)	104	75-125	
Toluene-D8(S)	99.3	75-125	

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

Comments: ARF: 49399

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: EPA 8260B Preparatory Method: 5030B AAB #: 060104AM-95232
 Lab Name: APPL, Inc Contract #: F41624-03-D-8613, TO 08
 Field Sample ID: RFR-10 Lab Sample ID: AX32991 Matrix: Water
 % Solids: NA Initial Calibration ID: M051231
 Date Received: 23-Dec-05 Date Prepared: 05-Jan-06 Date Analyzed: 05-Jan-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		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	0.74	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		M
TCE	0.05	1.0	3.26	1		
Tetrachloroethene	0.06	1.4	7.29	1		
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

* TC
1/16/06

Surrogate	Recovery	Control Limits	Qualifier
1,2-DCA-D4(S)	101	69-139	
4-Bromofluorobenzene(S)	96.1	75-125	
Dibromofluoromethane(S)	101	75-125	
Toluene-D8(S)	96.7	75-125	

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

Comments: ARF: 49419

See p 48 for the non-compliant PR of the MS analysis. TC 1/16/06