



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

December 11, 2008

U-042-09

RE: Sampling of water well RFR-10, Located at 25490 Old Fredericksburg Road

Camp Stanley Storage Activity (CSSA) collected groundwater samples from your well (RFR-10) on 9/2/08. 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 RFR-10, Located at 25490 Old Fredericksburg Road			
9/2/08	Tetrachloroethene (PCE)	5.94	5
	Trichloroethene (TCE)	3.5	5
	<i>cis</i> -1,2-Dichloroethene (DCE)	0.46F	70

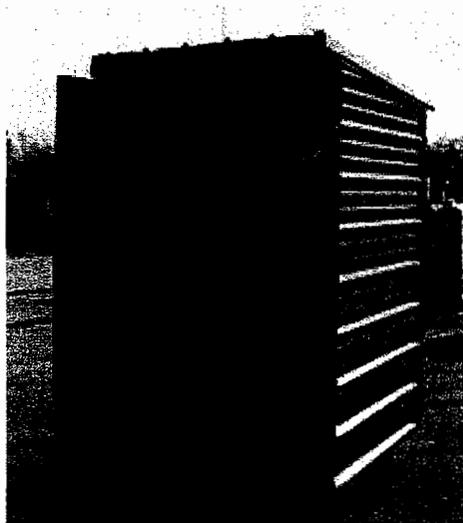
\*The "F" qualifier indicates the value is above the laboratory method detection limit, but below the laboratory reporting limit for the compound.

Based on the analytical data, levels of the VOCs PCE, TCE, and *cis*-1,2-DCE were identified in water samples from your well before granular activated carbon (GAC) filtration. Results from the laboratory analysis are provided as an attachment for the above sampling event. The concentration reported for the VOC PCE is above the MCL and concentrations for VOCs PCE and TCE were above the MCL in the past. Therefore, a filtration system was installed on 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 every three weeks to exchange the five-micron pre-and post-filters in the system.

Carbonair performed maintenance on the system on November 20, 2008. Maintenance will be scheduled approximately every six months. During the next maintenance visit (May

2009) Carbonair will install a new enclosure on your GAC filtration system. The enclosure to be installed will be a metal building similar to the picture below.



Carbonair will also exchange the first carbon canister and perform other routine maintenance operations at the same time. 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. Post-GAC samples were collected this event and are scheduled to be collected again in March 2009.

On 9/2/08, CSSA collected a sample from your well (RFR-10) after the water was processed through the granular activated carbon (GAC) filter system. This sample is representative of the water being delivered to your home for daily use. Based on the analytical data, no VOCs related to CSSA's groundwater investigation were identified in the sample after the second carbon canisters in both GAC systems (A2 & B2). A summary of the post GAC analytical results is provided below. Copies of the laboratory data sheets are attached. CSSA will collect additional confirmation samples periodically to confirm the system remains effective.

<b>Date Sampled</b>	<b>VOC compound</b>	<b>Result (ppb)</b>	<b>MCL (ppb)</b>
<b>Well RFR-10-A2, sample port after GAC A</b>			
9/2/08	PCE	<0.06 (non-detect)	5
	TCE	<0.05 (non-detect)	5
	<i>cis</i> -1,2-DCE	<0.07 (non-detect)	70
<b>Well RFR-10-B2, sample port after GAC B</b>			
9/2/08	PCE	<0.06 (non-detect)	5
	TCE	<0.05 (non-detect)	5
	<i>cis</i> -1,2-DCE	<0.07 (non-detect)	70

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 (210) 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. Samantha Elliott, Parsons

AFCEE  
ORGANIC ANALYSES DATA SHEET 2  
RESULTS

Analytical Method: EPA 8260B      Preparatory Method: 5030B      AAB #: 080912AC-125832  
 Lab Name: APPL, Inc      Contract #: W91278-06-D-0026/DY02  
 Field Sample ID: RFR-10      Lab Sample ID: AX83332      Matrix: Water  
 % Solids: NA      Initial Calibration ID: C080910  
 Date Received: 04-Sep-08      Date Prepared: 12-Sep-08      Date Analyzed: 12-Sep-08  
 Concentration Units: ug/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,1-DCE	0.12	1.2	0.12	1		U
Cis-1,2-DCE	0.07	1.2	0.46	1		F
TCE	0.05	1.0	3.50	1		
Tetrachloroethene	0.06	1.4	5.94	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)	118	69-139	
4-Bromofluorobenzene(S)	97.7	75-125	
Dibromofluoromethane(S)	114	75-125	
Toluene-D8(S)	106	75-125	

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

Comments:

ARF: 56902

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ORGANIC ANALYSES DATA SHEET 2  
RESULTS

Analytical Method: EPA 8260B      Preparatory Method: 5030B      AAB #: 080912AC-125832  
 Lab Name: APPL, Inc      Contract #: W91278-06-D-0026/DY02  
 Field Sample ID: RFR-10-A2      Lab Sample ID: AX83333      Matrix: Water  
 % Solids: NA      Initial Calibration ID: C080910  
 Date Received: 04-Sep-08      Date Prepared: 12-Sep-08      Date Analyzed: 12-Sep-08  
 Concentration Units: ug/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,1-DCE	0.12	1.2	0.12	1		U
Cis-1,2-DCE	0.07	1.2	0.07	1		U
TCE	0.05	1.0	0.05	1		U
Tetrachloroethene	0.06	1.4	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)	119	69-139	
4-Bromofluorobenzene(S)	104	75-125	
Dibromofluoromethane(S)	115	75-125	
Toluene-D8(S)	115	75-125	

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

Comments:

ARF: 56902

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ORGANIC ANALYSES DATA SHEET 2  
RESULTS

Analytical Method: EPA 8260B      Preparatory Method: 5030B      AAB #: 080912AC-125832  
 Lab Name: APPL, Inc      Contract #: W91278-06-D-0026/DY02  
 Field Sample ID: RFR-10-B2      Lab Sample ID: AX83334      Matrix: Water  
 % Solids: NA      Initial Calibration ID: C080910  
 Date Received: 04-Sep-08      Date Prepared: 12-Sep-08      Date Analyzed: 12-Sep-08  
 Concentration Units: ug/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,1-DCE	0.12	1.2	0.12	1		U
Cis-1,2-DCE	0.07	1.2	0.07	1		U
TCE	0.05	1.0	0.05	1		U
Tetrachloroethene	0.06	1.4	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)	112	69-139	
4-Bromofluorobenzene(S)	98.9	75-125	
Dibromofluoromethane(S)	113	75-125	
Toluene-D8(S)	110	75-125	

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

Comments:

ARF: 56902

AFCEE FORM O-2