

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

December 29, 2006

U-034-07

25490 Old Fredericksburg Road Boerne, TX 78015

Subject: Sampling of Water Well RFR-10, Located at 25490 Old Fredericksburg Road

Dear

Camp Stanley Storage Activity (CSSA) collected groundwater samples of both the filtered and unfiltered water from your well (RFR-10) on 9/18/06. 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 from the unfiltered water 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-1	0, Located at 25490 Old Fredericksh	ourg Road	
9/18/06	Tetrachloroethene (PCE)	5.23	5
	Trichloroethene (TCE)	1.86	5
	cis-1,2-Dichloroethene (DCE)	0.33F	70
Well RFR-1	0, field duplicate		
9/18/06	PCE	5.44	5
	TCE	1.83	5
	DCE	0.36F	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 VOCs PCE, trans-1,2-DCE, and cis-1,2-DCE were detected in the water sample collected from the unfiltered water from RFR-10 before GAC filtration and the field duplicate. All levels were below the applicable. The concentrations reported for the VOCs PCE and TCE were above the MCL in the past for your well. Therefore, a filtration system was installed on well RFR-10.

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 September 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.

Following the failure of your well pump in July, we have adjusted the schedule for pre-filter maintenance to your well and installed additional controls to improve system performance. If you have any concerns over the system performance or operation, please do not hesitate to contact CSSA. Thank you for your patience and we regret any inconvenience to you.

On 9/18/06, CSSA collected a sample from your well (RFR-10) after the water was filtered through the granular activated carbon (GAC) filtration 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 either of the second carbon canisters (A2 or B2). A summary of the post GAC analytical results of the filtered water is provided below. Copies of the laboratory data sheets are attached. CSSA will collect additional confirmation samples periodically to confirm the system remains effective. The next post GAC sampling will be conducted in March 2007.

Date Sampled	VOC compound	Result (ppb)	MCL (ppb)
Well RFR-10	-A2, 25490 Old Fredricksburg R	Road	
9/18/06	PCE	<0.06 (non-detect)	5
	TCE	<0.05 (non-detect)	5.
	DCE	<0.07 (non-detect)	70
Well RFR-10	-B2, 25490 Old Fredricksburg F	Road	
9/18/06	PCE	<0.06 (non-detect)	5
	TCE	<0.05 (non-detect)	5
	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.

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 offpost. 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 Ms. Glare Sanchez, CSSA Environmental Program Manager, at 698-5208.

Sincerely,

Jason D. Shirley Installation Manager

Attachments

cc: Ms. Glare Sanchez, CSSA Environmental Program Manager

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

Analytical Method: EPA 8260B	Preparatory Method: 5030	B AAB #: 060930AN-105310
Lab Name: APPL, Inc	Contract #: F41624	-03-D-08613
Field Sample ID: RFR-10	Lab Sample I	D: AX49122 Matrix: Water
% Solids: NA	Initial Calibration ID: N06	0930
Date Received: 19-Sep-06	Date Prepared: 30-Sep-06	Date Analyzed: 30-Sep-06
Concentration Units: ug/L		•

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,1-DCB	0.12	1.2	0.12	1		U
Cis-1,2-DCE	0.07	1.2	0.33	1	_	F
TCE	0.05	1.0	1.86	1		
Tetrachloroethene	0.06	1.4	5.23	1		
Trans-1,2-DCE	0.08	0.6	0.08	1		U
Vinyl chloride	0.08	1.1	0.08	1		<u></u> บ

Surrogate	Recovery	Control Limits	Qualifier
1,2-DCA-D4(S)	102	69-139	
4-Bromofluorobenzene(S)	102	75-125	
Dibromofluoromethane(S)	99.3	75-125	
Toluene-D8(S)	101	75-125	

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

Comments:

ARF: 51672

Analytical Method: EPA 8260B Preparatory Method: Lab Name: APPL, Inc Contract #: I

ory Method: 5030B AAB #: 060930AN-105310 Contract #: F41624-03-D-08613

Matrix: Water

Lab Sample ID: AX49123

Field Sample ID: RFR-10-DUP % Solids: NA

Initial Calibration ID: N060930 Date Prepared: 30-Sep-06 Date Analyzed: 30-Sep-06

Date Received: 19-Sep-06 Concentration Units: ug/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,1-DCE	0.12	1.2	0.12	1		ប
Cis-1,2-DCE	0.07	1.2	0.36	1		F
TCE	0.05	1.0	1.83	1		
Tetrachloroethene	0.06	1.4	5.44	1	•	
Trans-1,2-DCE	0.08	0.6	0.08	1		Ŭ
Vinyl chloride	0.08	1.1	0.08	. 1		<u> </u>

Surrogate	Recovery	Control Limits	Qualifier
1,2-DCA-D4(S)	98.5	69-139	
4-Bromofluorobenzene(S)	96.1	75-125	
Dibromofluoromethane(S)	94.3	75-125	
Toluene-D8(S)	102	75-125	

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

Comments: AF

ARF: 51672

Analytical Method: EPA 8260B

Preparatory Method: 5030B

AAB #: 060930AN-105310

Lab Name: APPL, Inc

Contract #: F41624-03-D-08613

Field Sample ID: RFR-10-A2

Lab Sample ID: AX49124

Matrix: Water

% Solids: NA

Initial Calibration ID: N060930

930

Date Analyzed: 30-Sep-06

Date Received: 19-Sep-06 Concentration Units: ug/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,1-DCE	0.12	1.2	0.12	1		ט
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		ប
Trans-1,2-DCE	0.08	0.6	0.08	1		U
Vinyl chloride	0.08	1.1	0.08	1.		្រ ប

Date Prepared: 30-Sep-06

Surrogate	Recovery	Control Limits	Qualifier
1,2-DCA-D4(S)	107	69-139	
4-Bromofluorobenzene(S)	96.5	75-125	· ·
Dibromofluoromethane(S)	108	75-125	
Toluene-D8(S)	100	75-125	

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

Comments: ARF

ARF: 51672

Analytical Method: EPA 8260B	Preparatory Method: 5030B	AAB #: 061001AN-105311
Lab Name: APPL, Inc	Contract #: F41624-0	3-D-08613
Field Sample ID: RFR-10-B2	Lab Sample ID;	AX49125 Matrix: Water
% Solids: NA	Initial Calibration ID: N0609	30
Date Received: 19-Sep-06	Date Prepared: 01-Oct-06	Date Analyzed: 01-Oct-06
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		ບ
TCE	0.05	1.0	0.05	1		<u> </u>
Tetrachloroethene	0.06	1.4	0.06	1		<u> </u>
Trans-1,2-DCE	0.08	0.6	. 0.08	1		<u> </u>
Vinyl chloride	0.08	1.1	0.08	1		U

Surrogate	Recovery	Control Limits	Qualifier
1,2-DCA-D4(S)	97.1	69-139	
4-Bromofluorobenzene(S)	96.3	75-125	
Dibromofluoromethane(S)	95.2	75-125	
Toluene-D8(S)	103	75-125	

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

Comments:

ARF: 51672