



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

November 30, 2021

U-045-21

SUBJECT: Sampling of Water Well RFR-11, Located at 25360 Old Fredericksburg Road

[REDACTED]  
[REDACTED]  
Boerne, TX 78015

Dear [REDACTED]

Camp Stanley Storage Activity (CSSA) collected groundwater samples from your well (RFR-11) on 9/1/21 and 10/27/21. 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-11, located at 25360 Old Fredericksburg Road			
9/1/21	Tetrachloroethene (PCE)	1.69	5
	Trichloroethene (TCE)	0.76F*	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, levels of the VOCs PCE and TCE were identified in the water sample from your well before granular activated carbon (GAC) filtration. Results from the laboratory analysis are provided as an attachment for the above sampling event. These levels are below the applicable MCL and do not affect usability of your well. The concentrations reported for the VOC PCE was above the MCL in the past. Therefore, a filtration system was installed on your well.

Evoqua Water Technologies of Houston, Texas provides maintenance for the GAC filtration system on your well. 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 continue to be responsible for all costs associated with operation and maintenance of this system. CSSA will continue to send a representative every three weeks to exchange the five-micron pre- and post-filters in the system.

Evoqua exchanged the first carbon canister and performed other routine maintenance on your system October 19, 2021. If you experience any problems with the system, please let the installer or CSSA know immediately. Evoqua is very responsive and can make additional maintenance visits if needed.

On 9/1/21, CSSA collected a sample from your well RFR-11 after the water was processed through the granular activated carbon (GAC) filter system. An additional sample was collected 10/27/21 after Evoqua performed the carbon exchange service on 10/19/21. These samples are representative of the water being delivered to you for daily use. Based on the analytical data, no VOCs related to CSSA's groundwater investigation were identified in the samples after the second carbon canister (A2). 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 on a 6-month basis to confirm the system remains effective.

<b>Date Sample</b>	<b>VOC compound</b>	<b>Result (ppb)</b>	<b>MCL (ppb)</b>
RFR-11-A2, located at 25360 Old Fredericksburg Road			
9/1/21	PCE	<0.06 (non-detect)	5
	TCE	<0.05 (non-detect)	5
	<i>cis</i> -1,2-DCE	<0.07 (non-detect)	70
RFR-11-A2, located at 25360 Old Fredericksburg Road			
10/27/21	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, your well is scheduled to be sampled again in December 2021.

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 Gabriel Moreno-Fergusson, Environmental Program Manager, at (210) 295-7067.

Sincerely,

A handwritten signature in black ink that reads "T. Glenn Moore". The signature is written in a cursive, flowing style.

T. Glenn Moore  
Installation Manager

Enclosure

cc: Mr. Greg Lyssy, EPA Region 6  
Mr. Timothy Brown, TCEQ Central Office  
Mr. Jorge Salazar, 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 #: 210908AL-269244  
 Lab Name: APPL, Inc      Contract #: \*G012  
 Field Sample ID: RFR-11\_090121\_N1045      Lab Sample ID: BA39817      Matrix: Water  
 % Solids: NA      Initial Calibration ID: 210907  
 Date Received: 03-Sep-21      Date Prepared: 08-Sep-21      Date Analyzed: 08-Sep-21  
 Concentration Units: ug/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
CIS-1,2-DCE	0.07	1.2	0.07	1		U
TCE	0.05	1.0	0.76	1		F
TETRACHLOROETHENE	0.06	1.4	1.69	1		
VINYL CHLORIDE	0.08	1.1	0.08	1		U

Surrogate	Recovery	Control Limits	Qualifier
SURROGATE: 1,2-DICHLOROETHANE-	108	81-118	
SURROGATE: 4-BROMOFLUOROBENZ	93.6	85-114	
SURROGATE: DIBROMOFLUOROMETH	102	80-119	
SURROGATE: TOLUENE-D8 (S)	96.3	89-112	

Internal Std	Qualifier
1,4-DICHLOROBENZENE-D4 (IS)	
CHLOROBENZENE-D5 (IS)	
FLUOROBENZENE (IS)	

Comments:

ARF: 97401

AFCEE  
ORGANIC ANALYSES DATA SHEET 2  
RESULTS

Analytical Method: EPA 8260B      Preparatory Method: 5030B      AAB #: 210908BL-269245  
 Lab Name: APPL, Inc      Contract #: \*G012  
 Field Sample ID: RFR-11-A2\_090121\_N1050      Lab Sample ID: BA39818      Matrix: Water  
 % Solids: NA      Initial Calibration ID: 210907  
 Date Received: 03-Sep-21      Date Prepared: 08-Sep-21      Date Analyzed: 08-Sep-21  
 Concentration Units: ug/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
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
VINYL CHLORIDE	0.08	1.1	0.08	1		U

  

Surrogate	Recovery	Control Limits	Qualifier
SURROGATE: 1,2-DICHLOROETHANE-	107	81-118	
SURROGATE: 4-BROMOFLUOROBENZ	90.3	85-114	
SURROGATE: DIBROMOFLUOROMETH	101	80-119	
SURROGATE: TOLUENE-D8 (S)	95.3	89-112	

  

Internal Std	Qualifier
1,4-DICHLOROBENZENE-D4 (IS)	
CHLOROBENZENE-D5 (IS)	
FLUOROBENZENE (IS)	

Comments:

ARF: 97401

AFCEE  
ORGANIC ANALYSES DATA SHEET 2  
RESULTS

Analytical Method: EPA 8260B      Preparatory Method: 5030B      AAB #: 211103AM-269931  
 Lab Name: APPL, Inc      Contract #: \*G012  
 Field Sample ID: RFR-11-A2\_102721\_N1355      Lab Sample ID: BA44457      Matrix: Water  
 % Solids: NA      Initial Calibration ID: 211029  
 Date Received: 28-Oct-21      Date Prepared: 03-Nov-21      Date Analyzed: 03-Nov-21  
 Concentration Units: ug/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
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
VINYL CHLORIDE	0.08	1.1	0.08	1		U

Surrogate	Recovery	Control Limits	Qualifier
SURROGATE: 1,2-DICHLOROETHANE-	105	81-118	
SURROGATE: 4-BROMOFLUOROBENZE	96.4	85-114	
SURROGATE: DIBROMOFLUOROMETH	106	80-119	
SURROGATE: TOLUENE-D8 (S)	101	89-112	

Internal Std	Qualifier
1,4-DICHLOROBENZENE-D4 (IS)	
CHLOROBENZENE-D5 (IS)	
FLUOROBENZENE (IS)	

Comments:

ARF: 98004

AFCEE FORM O-2