



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

August 10, 2017

U-063-17

SUBJECT: Sampling of Water Well RFR-12, Located at 25284 IH-10 West

[Redacted]

Corpus Christi, TX 78469-9036

Dear [Redacted]

Camp Stanley Storage Activity (CSSA) collected a groundwater sample from the above listed well (RFR-12) on 6/7/17. This sample was 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-12, located at 25284 IH-10 West			
6/7/17	Tetrachloroethene (PCE)	<0.06 (non-detect)	5
	Trichloroethene (TCE)	0.69F	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.

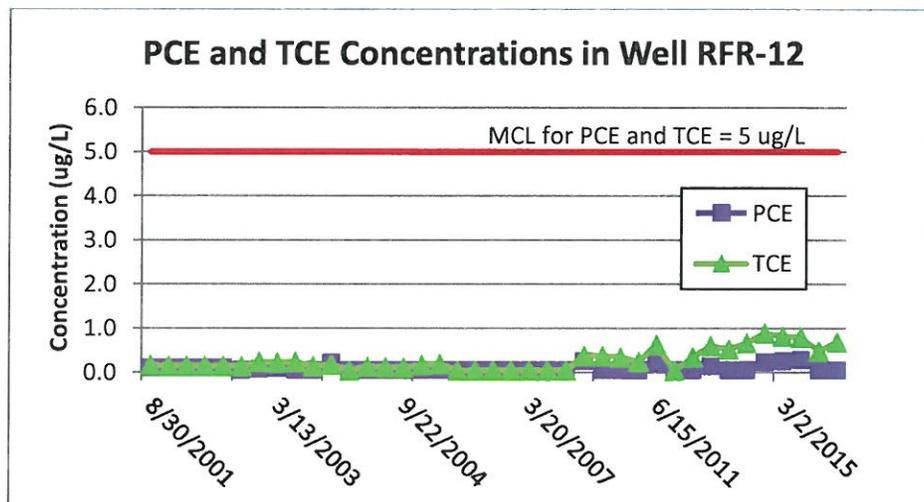
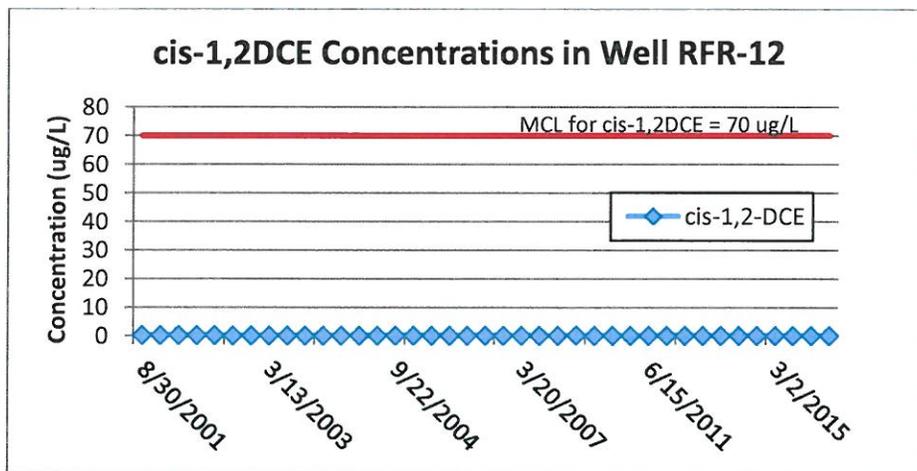
Based on the analytical data, low levels of the VOC TCE was identified in the water sample from your well RFR-12. This level is below the applicable MCL and does not affect usability of your well. Results from the laboratory analysis are provided as an attachment for the sampling event included in the summary table above.

CSSA has been monitoring off-post groundwater for the presence of VOCs since 1999. The locations and frequencies for sample collection are determined by a process called Long-Term Monitoring Optimization (LTMO), which is performed by CSSA every five years. The most recent LTMO evaluation was performed in 2015, and the resulting

recommendations were approved by the U.S. Environmental Protection Agency (USEPA) and the Texas Commission on Environmental Quality (TCEQ).

LTMO focuses the groundwater monitoring effort by increasing monitoring frequency and sampling locations in areas where there are data gaps, and eliminating redundant sampling of the groundwater plume. For the mature monitoring program at CSSA, where we have been testing groundwater quality for nearly 20 years, data gaps have been filled and the extent of contamination is well understood. Decreases in monitoring frequency and locations can be implemented in ways that do not sacrifice monitoring objectives, maintain adequate understanding of groundwater conditions, but also provide cost savings.

The following chart shows the entire history of groundwater sampling results from your well and compares them to the USEPA Maximum Contaminant Levels (MCLs) for drinking water:



Based on the past results of samples collected at your well, shown in the above graphs, USEPA and TCEQ have concurred with reducing the sampling of your well from every 9 months to every 15 months.

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 September 2018.

Again, we would like to thank you for your cooperation. We 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 Felicia Krintz, Environmental Program Manager, at (210) 295-7067.

Sincerely,



Jason D. Shirley  
Installation Manager

Enclosure

- cc: Mr. Greg Lyssy, EPA Region 6  
Mr. Paul Gregorio, 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 #: 170609AT-219546  
 Lab Name: APPL, Inc      Contract #: \*G012  
 Field Sample ID: RFR-12      Lab Sample ID: AZ56350      Matrix: Water  
 % Solids: NA      Initial Calibration ID: T170609  
 Date Received: 09-Jun-17      Date Prepared: 10-Jun-17      Date Analyzed: 10-Jun-17  
 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	0.69	1		F
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-	104	69-139	
SURROGATE: 4-BROMOFLUOROBENZ	99.1	75-125	
SURROGATE: DIBROMOFLUOROMETH	108	75-125	
SURROGATE: TOLUENE-D8 (S)	106	75-125	

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

Comments:

ARF: 83063

**Qualifiers for laboratory data report:**

U - The analyte was analyzed for, but not detected. The associated numerical value is at or below the MDL.

F - Indicates the value is above the laboratory method detection limit, but below the laboratory reporting limit for the compound.

**Abbreviations:**

MDL – method detection limit

RL – reporting limit

DCE – Dichloroethene

TCE – Trichloroethene

PCE – Tetrachloroethene

FD – field duplicate