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

October 18, 2018

U-008-19

SUBJECT: Sampling of Water Well OFR-3, Located at 25617 Old Fredericksburg Road

[redacted]
Boerne, TX 78015-6581

Dear [redacted]

Camp Stanley Storage Activity (CSSA) collected groundwater samples from your well (OFR-3) on 9/13/18. 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-3, located at 25617 Old Fredericksburg Road			
9/13/18	Tetrachloroethene (PCE)	2.30	5
	Trichloroethene (TCE)	1.72	5
	cis-1,2-Dichloroethene (DCE)	<0.07 (non-detect)	70
Well OFR-3, field duplicate			
9/13/18	Tetrachloroethene (PCE)	2.32	5
	Trichloroethene (TCE)	1.72	5
	cis-1,2-Dichloroethene (DCE)	<0.07 (non-detect)	70

Based on the analytical data, levels of the VOCs TCE and PCE were identified in the 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 concentrations reported for the VOCs PCE and TCE were above the MCL in the past. Therefore, a filtration system was installed on your well.

ProAct Services Corporation of San Marcos, Texas installed the 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. 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.

ProAct exchanged the first carbon canister and performed other routine maintenance on your system September 12, 2018. If you experience any problems with the system, please let the installer or CSSA know immediately. ProAct is very responsive and can make additional maintenance visits if needed.

On 9/13/18, CSSA collected a sample from your well OFR-3 after the water was processed through the granular activated carbon (GAC) filter system. This sample is 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 sample 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.

Date Sample	**VOC compound**	**Result (ppb)**	**MCL (ppb)**
OFR-3-A2, located at 25617 Old Fredericksburg Road			
9/13/18	PCE	<0.06 (non-detect)	5
	TCE	<0.05 (non-detect)	5
	cis-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 2018.

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 Margarita Loya, Environmental Program Manager, at (210) 295-7067.

Sincerely,

Jason Shirley

Jason D. Shirley
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 #: 180918BT-233395
Lab Name: APPL, Inc Contract #: *G012
Field Sample ID: OFR-3 Lab Sample ID: AZ79767 Matrix: Water
% Solids: NA Initial Calibration ID: T180907
Date Received: 14-Sep-18 Date Prepared: 19-Sep-18 Date Analyzed: 19-Sep-18
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	1.72	1		
TETRACHLOROETHENE	0.06	1.4	2.30	1		
VINYL CHLORIDE	0.08	1.1	0.08	1		U

Surrogate	Recovery	Control Limits	Qualifier
SURROGATE: 1,2-DICHLOROETHANE-	113	69-139	
SURROGATE: 4-BROMOFLUOROBENZ	91.2	75-125	
SURROGATE: DIBROMOFLUOROMETH	101	75-125	
SURROGATE: TOLUENE-D8 (S)	103	75-125	

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

Comments:

ARF: 86882

AFCEE FORM O-2

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: EPA 8260B Preparatory Method: 5030B AAB #: 180919AT-233430
Lab Name: APPL, Inc Contract #: *G012
Field Sample ID: OFR-3 FD Lab Sample ID: AZ79768 Matrix: Water
% Solids: NA Initial Calibration ID: T180907
Date Received: 14-Sep-18 Date Prepared: 19-Sep-18 Date Analyzed: 19-Sep-18
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	1.72	1		
TETRACHLOROETHENE	0.06	1.4	2.32	1		
VINYL CHLORIDE	0.08	1.1	0.08	1		U

Surrogate	Recovery	Control Limits	Qualifier
SURROGATE: 1,2-DICHLOROETHANE-	110	69-139	
SURROGATE: 4-BROMOFLUOROBENZ	92.1	75-125	
SURROGATE: DIBROMOFLUOROMETH	102	75-125	
SURROGATE: TOLUENE-D8 (S)	101	75-125	

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

Comments:

ARF: 86882

AFCEE FORM O-2

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: EPA 8260B Preparatory Method: 5030B AAB #: 180919AT-233430
Lab Name: APPL, Inc Contract #: *G012
Field Sample ID: OFR-3-A2 Lab Sample ID: AZ79769 Matrix: Water
% Solids: NA Initial Calibration ID: T180907
Date Received: 14-Sep-18 Date Prepared: 19-Sep-18 Date Analyzed: 19-Sep-18
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-	112	69-139	
SURROGATE: 4-BROMOFLUOROBENZ	94.5	75-125	
SURROGATE: DIBROMOFLUOROMETH	99.8	75-125	
SURROGATE: TOLUENE-D8 (S)	104	75-125	

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

Comments:

ARF: 86883

AFCEE FORM O-2