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

May 31, 2022

U-018-22

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 3/8/22. 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			
3/8/22	Tetrachloroethene (PCE)	4.17	5
	Trichloroethene (TCE)	2.88	5
	cis-1,2-Dichloroethene (DCE)	<0.15 (non-detect)	70

Based on the analytical data, levels of the VOCs TCE and PCE 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. 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.

Evoqua Water Technologies of Houston, Texas provides maintenance for 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.

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 3/8/22, 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 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.

Date Sample	VOC compound	Result (ppb)	MCL (ppb)
OFR-3-A2, located at 25617 Old Fredericksburg Road			
3/8/22	PCE	<0.20 (non-detect)	5
	TCE	<0.16 (non-detect)	5
	cis-1,2-DCE	<0.15 (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 June 2022.

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,

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

Client Sample ID: OFR-3_030822_N0920
Lab Sample ID: 280-159712-6
Date Collected: 03/08/22 09:20
Matrix: Water
Date Received: 03/14/22 08:50

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
cis-1,2-Dichloroethene	0.150	U	1.00	0.400	0.150	ug/L		03/20/22 11:46	1
Tetrachloroethene	**4.17**		1.00	0.400	0.200	ug/L		03/20/22 11:46	1
Trichloroethene	**2.88**		1.00	0.400	0.160	ug/L		03/20/22 11:46	1
Vinyl chloride	0.100	U	1.50	0.200	0.100	ug/L		03/20/22 11:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*81 - 118*		*03/20/22 11:46*	*1*
4-Bromofluorobenzene (Surr)	*97*		*85 - 114*		*03/20/22 11:46*	*1*
Dibromofluoromethane (Surr)	*99*		*80 - 119*		*03/20/22 11:46*	*1*
Toluene-d8 (Surr)	*99*		*89 - 112*		*03/20/22 11:46*	*1*

Client Sample ID: OFR-3-A2_030822_N0925
Lab Sample ID: 280-159712-7

Date Collected: 03/08/22 09:25
Matrix: Water
Date Received: 03/14/22 08:50

Method: 8260C DOD - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
cis-1,2-Dichloroethene	0.150	U	1.00	0.400	0.150	ug/L		03/20/22 12:08	1
Tetrachloroethene	0.200	U	1.00	0.400	0.200	ug/L		03/20/22 12:08	1
Trichloroethene	0.160	U	1.00	0.400	0.160	ug/L		03/20/22 12:08	1
Vinyl chloride	0.100	U	1.50	0.200	0.100	ug/L		03/20/22 12:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*81 - 118*		*03/20/22 12:08*	*1*
4-Bromofluorobenzene (Surr)	*98*		*85 - 114*		*03/20/22 12:08*	*1*
Dibromofluoromethane (Surr)	*102*		*80 - 119*		*03/20/22 12:08*	*1*
Toluene-d8 (Surr)	*100*		*89 - 112*		*03/20/22 12:08*	*1*

Definitions/Glossary

Client: Parsons Corporation
Project/Site: Camp Stanley Quarterly Sampling 2021

Job ID: 280-156314-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Estimated: The analyte was positively identified; the quantitation is an estimation
Q	One or more quality control criteria failed.
U	Undetected at the Limit of Detection.

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
J	Estimated: The analyte was positively identified; the quantitation is an estimation
Q	One or more quality control criteria failed.
U	Undetected at the Limit of Detection.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count