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

January 11, 2022

U-005-22

SUBJECT: Sampling of Water Wells LS-5, Located at 7579 Curres Creek Road and LS-6, Located at 7655 Curres Creek Road

[redacted]
Boerne, TX 78015

Dear [redacted]:

Camp Stanley Storage Activity (CSSA) collected groundwater samples from your wells (LS-5 and LS-6) on 12/1/21. 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 LS-5, serves 7655 & 7579 Curres Creek Road			
12/1/21	Tetrachloroethene (PCE)	1.17	5
	Trichloroethene (TCE)	3.67	5
	cis-1,2-Dichloroethene (DCE)	<0.15 (non-detect)	70
Well LS-6, serves 7655 & 7579 Curres Creek Road			
12/1/21	Tetrachloroethene (PCE)	1.01	5
	Trichloroethene (TCE)	0.792J*	5
	cis-1,2-Dichloroethene (DCE)	<0.15 (non-detect)	70

*The "J" qualifier indicates the value is estimated. The analyte was positively identified; the quantitation is an estimation.

Based on the analytical data, levels of the VOCs PCE and TCE were identified in the water samples from your wells LS-5 and LS-6 before granular activated carbon (GAC) filtration. Results from the laboratory analyses are provided as an attachment for the above sampling event. These levels are below the applicable MCLs and do not affect usability of your well. The concentrations reported in your wells LS-5 and LS-6

were above or approaching the MCL for VOCs in the past. Therefore, a filtration system was installed on each well.

Evoqua Water Technologies of Houston, Texas provides maintenance for the GAC filtration systems on your wells. The systems 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 these systems. 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 systems October 19, 2021. If you experience any problems with the systems, please let the installer or CSSA know immediately. Evoqua is very responsive and can make additional maintenance visits if needed. Post-GAC samples were not collected this event but are scheduled to be collected again during the March 2022 sampling event.

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 wells are scheduled to be sampled again in March 2022.

Again, we would like to thank you for your cooperation. We regret that your wells have 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: LS-5_120121_N0925

Lab Sample ID: 280-156314-3

Date Collected: 12/01/21 09:25
Matrix: Water
Date Received: 12/03/21 10:10

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		12/10/21 18:38	1
Tetrachloroethene	**1.17**		1.00	0.400	0.200	ug/L		12/10/21 18:38	1
Trichloroethene	**3.67**		1.00	0.400	0.160	ug/L		12/10/21 18:38	1
Vinyl chloride	0.100	U	1.50	0.200	0.100	ug/L		12/10/21 18:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*81 - 118*		*12/10/21 18:38*	*1*
4-Bromofluorobenzene (Surr)	*99*		*85 - 114*		*12/10/21 18:38*	*1*
Dibromofluoromethane (Surr)	*100*		*80 - 119*		*12/10/21 18:38*	*1*
Toluene-d8 (Surr)	*97*		*89 - 112*		*12/10/21 18:38*	*1*

Client Sample ID: LS-6_120121_N1055

Lab Sample ID: 280-156314-7

Date Collected: 12/01/21 10:55
Matrix: Water
Date Received: 12/03/21 10:10

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		12/10/21 19:46	1
Tetrachloroethene	**1.01**		1.00	0.400	0.200	ug/L		12/10/21 19:46	1
Trichloroethene	**0.792**	**J**	1.00	0.400	0.160	ug/L		12/10/21 19:46	1
Vinyl chloride	0.100	U	1.50	0.200	0.100	ug/L		12/10/21 19:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*81 - 118*		*12/10/21 19:46*	*1*
4-Bromofluorobenzene (Surr)	*99*		*85 - 114*		*12/10/21 19:46*	*1*
Dibromofluoromethane (Surr)	*101*		*80 - 119*		*12/10/21 19:46*	*1*
Toluene-d8 (Surr)	*97*		*89 - 112*		*12/10/21 19:46*	*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