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

November 30, 2021

U-049-21

SUBJECT: Sampling of Water Well LS-5, Located at 7655 Curres Creek Road

[redacted]
[redacted]
Boerne, TX 78015-6501

Dear [redacted]

Camp Stanley Storage Activity (CSSA) collected groundwater samples from the above listed well (LS-5) 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 LS-5, located at 7655 Curres Creek Road | | | |
| 9/1/21 | Tetrachloroethene (PCE) | 1.24F* | 5 |
| | Trichloroethene (TCE) | 4.04 | 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 TCE exceeded 90% of 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 well LS-5 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 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) |
|---|---|---|---|
| LS-5-A2, located at 7655 Curres Creek Road | | | |
| 9/1/21 | PCE | <0.06 (non-detect) | 5 |
| | TCE | <0.05 (non-detect) | 5 |
| | *cis-1*,2-DCE | <0.07 (non-detect) | 70 |
| LS-5-A2, located at 7655 Curres Creek Road | | | |
| 10/27/21 | 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 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,

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: LS-5_090121_N0858 Lab Sample ID: BA39807 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 | 4.04 | 1 | | |
| TETRACHLOROETHENE | 0.06 | 1.4 | 1.24 | 1 | | F |
| VINYL CHLORIDE | 0.08 | 1.1 | 0.08 | 1 | | U |

| Surrogate | Recovery | Control Limits | Qualifier |
|---|---|---|---|
| SURROGATE: 1,2-DICHLOROETHANE- | 105 | 81-118 | |
| SURROGATE: 4-BROMOFLUOROBENZ | 95.4 | 85-114 | |
| SURROGATE: DIBROMOFLUOROMETH | 98.9 | 80-119 | |
| SURROGATE: TOLUENE-D8 (S) | 96.8 | 89-112 | |

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

Comments:

ARF: 97401

AFCEE FORM O-2

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: LS-5-A2_090121_N0903 Lab Sample ID: BA39808 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 | 97.4 | 85-114 | |
| SURROGATE: DIBROMOFLUOROMETH | 100 | 80-119 | |
| SURROGATE: TOLUENE-D8 (S) | 96.1 | 89-112 | |

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

Comments:

ARF: 97401

AFCEE FORM O-2

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: LS-5-A2_102721_N1320 Lab Sample ID: BA44453 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- | 104 | 81-118 | |
| SURROGATE: 4-BROMOFLUOROBENZE | 101 | 85-114 | |
| SURROGATE: DIBROMOFLUOROMETH | 104 | 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