



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

August 25, 2014

U-082-14

[REDACTED]
7655 Curres Creek Road
Boerne, TX 78015

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

Dear [REDACTED]:

Camp Stanley Storage Activity (CSSA) collected groundwater samples from your wells (LS-5 and LS-6) on 6/2/14. 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			
6/2/14	Tetrachloroethene (PCE)	0.85F	5
	Trichloroethene (TCE)	2.75	5
	<i>cis</i> -1,2-Dichloroethene (DCE)	<0.07 (non-detect)	70
Well LS-5, field duplicate sample			
6/2/13	Tetrachloroethene (PCE)	1.17F	5
	Trichloroethene (TCE)	3.29	5
	<i>cis</i> -1,2-Dichloroethene (DCE)	<0.07 (non-detect)	70
Well LS-6, located at 7655 Curres Creek Road			
6/2/14	Tetrachloroethene (PCE)	0.91F	5
	Trichloroethene (TCE)	3.16	5
	<i>cis</i> -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 TCE and PCE were identified in the water sample from your wells 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 MCL and do not affect usability of your wells. The concentrations reported in your wells LS-5 and LS-6 were above or approaching the MCL for VOCs in the past. Therefore, filtration systems were installed on each of your wells.

Carbonair Environmental Systems of San Marcos, Texas installed 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 this system. CSSA will continue to send a representative every three weeks to exchange the five-micron pre-and post-filters in the system.

Carbonair exchanged the first carbon canister and performed other routine maintenance on your systems August 5, 2014. If you experience any problems with the systems, please let the installer or CSSA know immediately. Carbonair 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 September 2014 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 well is scheduled to be sampled again in September 2014.

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) 295-7014.

Sincerely,



Jason D. Shirley
Installation Manager

Enclosure

cc: Mr. Greg Lyssy, EPA Region 6
Mr. Michael Kuitu, TCEQ Central Office
Mr. Jorge Salazar, TCEQ Region 13
Ms. Kyle Cunningham, San Antonio Metropolitan Health Dist.
Ms. Julie Burdey, Parsons

Qualifiers for laboratory data report:

U - The analyte was analyzed for, but not detected. The associated numerical value is at or below the laboratory method detection limit (MDL).

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

Abbreviations:

MDL – method detection limit

RL – reporting limit

DCE – Dichloroethene

TCE – Trichloroethene

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: EPA 8260B Preparatory Method: 5030B AAB #: 140603AL-187198
 Lab Name: APPL, Inc Contract #: *G012
 Field Sample ID: LS-6 Lab Sample ID: AY97241 Matrix: Water
 % Solids: NA Initial Calibration ID: 140529
 Date Received: 03-Jun-14 Date Prepared: 03-Jun-14 Date Analyzed: 03-Jun-14
 Concentration Units: ug/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,1-DCE	0.12	1.2	0.12	1		U
CIS-1,2-DCE	0.07	1.2	0.07	1		U
TCE	0.05	1.0	3.16	1		
TETRACHLOROETHENE	0.06	1.4	0.91	1		F
TRANS-1,2-DCE	0.08	0.6	0.08	1		U
VINYL CHLORIDE	0.08	1.1	0.08	1		U

Surrogate	Recovery	Control Limits	Qualifier
SURROGATE: 1,2-DICHLOROETHANE-	100	69-139	
SURROGATE: 4-BROMOFLUOROBENZ	103	75-125	
SURROGATE: DIBROMOFLUOROMETH	97.2	75-125	
SURROGATE: TOLUENE-D8 (S)	102	75-125	

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

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: EPA 8260B Preparatory Method: 5030B AAB #: 140603AL-187198
 Lab Name: APPL, Inc Contract #: *G012
 Field Sample ID: LS-5 Lab Sample ID: AY97242 Matrix: Water
 % Solids: NA Initial Calibration ID: 140529
 Date Received: 03-Jun-14 Date Prepared: 03-Jun-14 Date Analyzed: 03-Jun-14
 Concentration Units: ug/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,1-DCE	0.12	1.2	0.12	1		U
CIS-1,2-DCE	0.07	1.2	0.07	1		U
TCE	0.05	1.0	2.75	1		
TETRACHLOROETHENE	0.06	1.4	0.85	1		F
TRANS-1,2-DCE	0.08	0.6	0.08	1		U
VINYL CHLORIDE	0.08	1.1	0.08	1		U

Surrogate	Recovery	Control Limits	Qualifier
SURROGATE: 1,2-DICHLOROETHANE-	109	69-139	
SURROGATE: 4-BROMOFLUOROBENZ	97.2	75-125	
SURROGATE: DIBROMOFLUOROMETH	105	75-125	
SURROGATE: TOLUENE-D8 (S)	82.3	75-125	

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

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: EPA 8260B Preparatory Method: 5030B AAB #: 140603AL-187198
 Lab Name: APPL, Inc Contract #: *G012
 Field Sample ID: LS-5 FD Lab Sample ID: AY97243 Matrix: Water
 % Solids: NA Initial Calibration ID: 140529
 Date Received: 03-Jun-14 Date Prepared: 03-Jun-14 Date Analyzed: 03-Jun-14
 Concentration Units: ug/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,1-DCE	0.12	1.2	0.12	1		U
CIS-1,2-DCE	0.07	1.2	0.07	1		U
TCE	0.05	1.0	3.29	1		
TETRACHLOROETHENE	0.06	1.4	1.17	1		F
TRANS-1,2-DCE	0.08	0.6	0.08	1		U
VINYL CHLORIDE	0.08	1.1	0.08	1		U

Surrogate	Recovery	Control Limits	Qualifier
SURROGATE: 1,2-DICHLOROETHANE-	96.0	69-139	
SURROGATE: 4-BROMOFLUOROBENZ	93.7	75-125	
SURROGATE: DIBROMOFLUOROMETH	99.0	75-125	
SURROGATE: TOLUENE-D8 (S)	106	75-125	

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

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Comments:

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