



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

May 4, 2011

U-068-11

SUBJECT: Sampling of Water Well LS-7, Located at 7529 Curren Creek Road

Camp Stanley Storage Activity (CSSA) collected a groundwater sample from your well (LS-7) on 2/28/11. This sample was 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-7, located at 7529 Curren Creek Road			
2/28/11	Tetrachloroethene (PCE)	2.88	5
	Trichloroethene (TCE)	0.43F	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, low levels of the VOCs PCE and TCE were identified in the water sample from your well before granular activated carbon (GAC) filtration. These levels are below the applicable MCLs and do not affect usability of your well. The concentrations reported for these VOCs were above the MCL in the past. Therefore, a filtration system was installed on your well.

Carbonair Environmental Systems 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. 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 system in January 2011. If you experience any problems with the system, please let the

installer or CSSA know immediately. Carbonair is very responsive and can make additional maintenance visits if needed.

On 2/28/11, CSSA collected a sample from your well (LS-7) after the water was processed through the GAC filter system. This sample is representative of the water being delivered to your house 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 Sampled	VOC compound	Result (ppb)	MCL (ppb)
Well RFR-7-A2, located at 7529 Curres Creek Road			
2/28/11	PCE	<0.06 (non-detect)	5
	TCE	<0.05 (non-detect)	5
	<i>cis</i> -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, a groundwater sample will be collected from your well in June 2011.

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) 698-5208.

Sincerely,

  
Jason D. Shirley  
Installation Manager

Enclosure

cc: Mr. Greg Lyssy, EPA Region 6  
Mr. Kirk Coulter, TCEQ Central Office  
Mr. Henry Karnei, 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 #: 110301AS-152951  
 Lab Name: APPL, Inc      Contract #: 2010\*1286022\*000  
 Field Sample ID: LS-7      Lab Sample ID: AY33203      Matrix: Water  
 % Solids: NA      Initial Calibration ID: S110228  
 Date Received: 01-Mar-11      Date Prepared: 01-Mar-11      Date Analyzed: 01-Mar-11  
 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	0.43	1		F
TETRACHLOROETHENE	0.06	1.4	2.88	1		
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-	118	69-139	
SURROGATE: 4-BROMOFLUOROBENZ	113	75-125	
SURROGATE: DIBROMOFLUOROMETH	110	75-125	
SURROGATE: TOLUENE-D8 (S)	108	75-125	

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

Comments:

ARF: 64013

AFCEE  
ORGANIC ANALYSES DATA SHEET 2  
RESULTS

Analytical Method: EPA 8260B      Preparatory Method: 5030B      AAB #: 110302AT-152953  
 Lab Name: APPL, Inc      Contract #: 2010\*1286022\*000  
 Field Sample ID: LS-7-A2      Lab Sample ID: AY33204      Matrix: Water  
 % Solids: NA      Initial Calibration ID: T110302  
 Date Received: 01-Mar-11      Date Prepared: 03-Mar-11      Date Analyzed: 03-Mar-11  
 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	0.05	1		U
TETRACHLOROETHENE	0.06	1.4	0.06	1		U
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-	98.3	69-139	
SURROGATE: 4-BROMOFLUOROBENZ	93.6	75-125	
SURROGATE: DIBROMOFLUOROMETH	94.1	75-125	
SURROGATE: TOLUENE-D8 (S)	100	75-125	

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

Comments:

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