



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

November 1, 2011

U-153-11

[REDACTED]
 7579 Curres Creek
 Boerne, TX 78015

SUBJECT: Sampling of Water Well LS-5, Located at 7579 Curres Creek Road

Dear [REDACTED]

Camp Stanley Storage Activity (CSSA) collected groundwater samples from well LS-5 on 9/6/11 and 9/28/11. 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 for well LS-5 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 7579 Curres Creek Rd.			
9/6/11	Tetrachloroethene (PCE)	1.38F	5
	Trichloroethene (TCE)	4.80	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 PCE and TCE were identified in water samples from your well LS-5 before granular activated carbon (GAC) filtration. These levels are below the applicable MCLs and do not affect the usability of your well.

The laboratory reported that the TCE level exceeded 90% of the MCL during the sampling event on 9/6/11. CSSA took immediate measures to ensure the drinking water was safe and provided bottled water on 9/21/11. An additional water sample was collected on 9/28/11 showing significantly lower concentrations of TCE in the well water. An abbreviated summary of analytical results of the 9/28/11 sampling event are shown below:

Date Sampled	VOC Compound	Result (ppb)	MCL (ppb)
Well LS-5, located at 7579 Curres Creek			
9/28/11	Tetrachloroethene (PCE)	1.11F	5
	Trichloroethene (TCE)	2.54	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.

Because of the high levels in the initial sampling event, CSSA Environmental decided to connect a Granular Activated Carbon (GAC) unit to the well. Carbonair Environmental Systems of San Marcos, Texas installed the GAC filtration system on well LS-5 on 10/6/11. The system will remain in operation for the foreseeable future or until significant reductions in contamination levels are seen in the water in the well before it enters the filtration system. CSSA will be responsible for all costs associated with operation and maintenance of this system. Copies of the well LS-5 laboratory data sheets for the 9/6/11 and 9/28/11 sampling events are provided to you as an attachment for your records.

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, well LS-5 is scheduled to be sampled again in December 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

Enclosures

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 #: 110909AS-159130
 Lab Name: APPL, Inc Contract #: 2010*1286022*000
 Field Sample ID: LS-5 Lab Sample ID: AY45750 Matrix: Water
 % Solids: NA Initial Calibration ID: S110908
 Date Received: 07-Sep-11 Date Prepared: 10-Sep-11 Date Analyzed: 10-Sep-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	4.80	1		
TETRACHLOROETHENE	0.06	1.4	1.38	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-	97.7	69-139	
SURROGATE: 4-BROMOFLUOROBENZ	101	75-125	
SURROGATE: DIBROMOFLUOROMETH	99.2	75-125	
SURROGATE: TOLUENE-D8 (S)	97.8	75-125	

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

Comments:

ARF: 65592

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: EPA 8260B Preparatory Method: 5030B AAB #: 111001AS-159728
 Lab Name: APPL, Inc Contract #: 2010*1286022*000
 Field Sample ID: LS-5 Lab Sample ID: AY47426 Matrix: Water
 % Solids: NA Initial Calibration ID: S110929A
 Date Received: 29-Sep-11 Date Prepared: 01-Oct-11 Date Analyzed: 01-Oct-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	2.54	1		
TETRACHLOROETHENE	0.06	1.4	1.11	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-	103	69-139	
SURROGATE: 4-BROMOFLUOROBENZ	95.3	75-125	
SURROGATE: DIBROMOFLUOROMETH	100	75-125	
SURROGATE: TOLUENE-D8 (S)	97.8	75-125	

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

Comments:

ARF: 65834