



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

January 10, 2008

U-087-08

Ms.
Korean Catholic Martyrs Church
7655 Curres Creek Road
Boerne, TX 78015

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

Dear Ms.

Camp Stanley Storage Activity (CSSA) collected groundwater samples from the above listed wells (LS-5 and LS-6) on 9/17/07. 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 7579 Curres Creek Road			
9/17/07	Tetrachloroethene (PCE)	<0.06 (non-detect)	5
	Trichloroethene (TCE)	0.12F	5
	cis-1,2-Dichloroethene (DCE)	<0.07 (non-detect)	70
Well LS-6, Located at 7655 Curres Creek Road			
9/17/07	PCE	1.54	5
	TCE	0.68F	5
	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 water samples from your well LS-6 before GAC filtration. This level is below the applicable MCLs and does not affect usability of your well. Low levels of VOCs related to CSSA's groundwater investigation were identified in water samples from your well, LS-5, but are below the MCL and do not affect usability of your well.

Carbonair Environmental Systems of San Marcos, Texas previously installed the GAC filtration system on your well LS-6. 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 be responsible for all costs associated with operation and maintenance of this system. CSSA will send a representative on a biweekly basis to exchange the five-micron pre-and post-filters in the system.

Carbonair performed maintenance on the system in May and December. Maintenance will be scheduled approximately every six months. Carbonair will exchange the first carbon canister and perform other routine maintenance operations at each six month visit. 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. Post-GAC samples were collected in September 2007 and are scheduled to be collected again in March 2008.

On 9/17/07, CSSA collected a sample from your well (LS-6) after the water was processed through the granular activated carbon (GAC) filter system. This sample is representative of the water being delivered to your church 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 periodically to confirm the system remains effective.

Date Sampled	VOC compound	Result (ppb)	MCL (ppb)
Well LS-6-A2, 7655 Curres Creek Road (at the church)			
9/17/07	PCE	<0.06 (non-detect)	5
	TCE	<0.05 (non-detect)	5
	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.

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, we may contact you in the future to schedule another sampling event for the wells listed above.

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 Glare Sanchez, CSSA Environmental Program Manager, at (210) 698-5208.

Sincerely,


Jason D. Shirley
Installation Manager

Attachment

cc: Ms. Glare Sanchez, CSSA Environmental Office
Mr. Greg Lyssy, EPA Region 6
Mr. Sonny Rayos, TCEQ Central Office
Mr. Henry Karnei, TCEQ Region 13
Ms. Kyle Cunningham, San Antonio Metropolitan Health Dist.
Ms. Julie Burdey, Parsons
Ms. Kimberly Vaughn, Parsons

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: EPA 8260B Preparatory Method: 5030B AAB #: 070926BC-116428
 Lab Name: APPL, Inc Contract #: W91278-06-D-0026/DY02
 Field Sample ID: LS-6 Lab Sample ID: AX67527 Matrix: Water
 % Solids: NA Initial Calibration ID: C070925
 Date Received: 19-Sep-07 Date Prepared: 27-Sep-07 Date Analyzed: 27-Sep-07
 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	0.68	1		F
Tetrachloroethene	0.06	1.4	1.54	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
1,2-DCA-D4(S)	100	69-139	
4-Bromofluorobenzene(S)	95.4	75-125	
Dibromofluoromethane(S)	101	75-125	
Toluene-D8(S)	97.8	75-125	

Internal Std	Qualifier
1,4-Dichlorobenzene-D(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 #: 070926BC-116428

Lab Name: APPL, Inc

Contract #: W91278-06-D-0026/DY02

Field Sample ID: LS-5

Lab Sample ID: AX67529

Matrix: Water

% Solids: NA

Initial Calibration ID: C070925

Date Received: 19-Sep-07

Date Prepared: 27-Sep-07

Date Analyzed: 27-Sep-07

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	0.12	1		F
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
1,2-DCA-D4(S)	103	69-139	
4-Bromofluorobenzene(S)	97.6	75-125	
Dibromofluoromethane(S)	102	75-125	
Toluene-D8(S)	98.2	75-125	

Internal Std	Qualifier
1,4-Dichlorobenzene-D1S)	
Chlorobenzene-D5(1S)	
Fluorobenzene(1S)	

Comments:

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AFCEE FORM O-2

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: EPA 8260B Preparatory Method: 5030B AAB #: 070927AC-116429
 Lab Name: APPL, Inc Contract #: W91278-06-D-0026/DY02
 Field Sample ID: LS-5 DUP Lab Sample ID: AX67530 Matrix: Water
 % Solids: NA Initial Calibration ID: C070925
 Date Received: 19-Sep-07 Date Prepared: 27-Sep-07 Date Analyzed: 27-Sep-07
 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	0.13	1		F
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
1,2-DCA-D4(S)	104	69-139	
4-Bromofluorobenzene(S)	98.9	75-125	
Dibromofluoromethane(S)	104	75-125	
Toluene-D8(S)	98.8	75-125	

Internal Std	Qualifier
1,4-Dichlorobenzene-D(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 #: 070926BC-116428
Lab Name: APPL, Inc Contract #: W91278-06-D-0026/DY02
Field Sample ID: LS-6-A2 Lab Sample ID: AX67528 Matrix: Water
% Solids: NA Initial Calibration ID: C070925
Date Received: 19-Sep-07 Date Prepared: 27-Sep-07 Date Analyzed: 27-Sep-07
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
1,2-DCA-D4(S)	104	69-139	
4-Bromofluorobenzene(S)	99.7	75-125	
Dibromofluoromethane(S)	102	75-125	
Toluene-D8(S)	98.9	75-125	

Internal Std	Qualifier
1,4-Dichlorobenzene-D1S)	
Chlorobenzene-D5(1S)	
Fluorobenzene(1S)	

Comments:

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