



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

May 4, 2011

U-076-11

SUBJECT: Sampling of Water Wells: OW-HH1, Located at Hazy Hollow;
OW-HH2, Located at Oak Thicket Ln.;
OW-CE1, Located at Traciney Blvd.;
OW-CE2, Located at Traciney Blvd.;
OW-MT2, Located at Mountain Top;
OW-BARNOWL, Located at Barn Owl;
OW-DAIRYWELL, Located at Echoing Oaks;
OW-HH3, Located at Deer View

Camp Stanley Storage Activity (CSSA) collected groundwater samples from your wells (OW-HH1, OW-HH2, OW-CE1, OW-CE2, OW-MT2, OW-BARNOWL, OW-DAIRYWELL, OW-HH3) on 2/28/11. 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 OW-BARNOWL, located on Barn Owl			
2/28/11	Tetrachloroethene (PCE)	0.15F	5
	Trichloroethene (TCE)	<0.05 (non-detect)	5
	<i>cis</i> -1,2-Dichloroethene (DCE)	<0.07 (non-detect)	70
Well OW-HH2, located on Oak Thicket Lane			
2/28/11	Tetrachloroethene (PCE)	0.20F	5
	Trichloroethene (TCE)	<0.05 (non-detect)	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 VOC PCE were identified in the water samples from your wells OW-BARNOWL and OW-HH2. These levels are below the applicable MCL and do not affect usability of your wells. No VOCs related to CSSA's groundwater investigation were identified in the water samples from your wells OW-CE1, OW-CE2, OW-DAIRYWELL, OW-HH1, OW-HH3, and OW-MT2. Results from the laboratory analysis are provided as an attachment for the event included in the summary table above.

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 will collect another sample from your wells in June 2011.

Again, we would like to thank you for your cooperation. We 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: OW-HH1 Lab Sample ID: AY33186 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	0.05	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-	106	69-139	
SURROGATE: 4-BROMOFLUOROBENZ	101	75-125	
SURROGATE: DIBROMOFLUOROMETH	105	75-125	
SURROGATE: TOLUENE-D8 (S)	94.8	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 #: 110301AS-152951
 Lab Name: APPL, Inc Contract #: 2010*1286022*000
 Field Sample ID: OW-HH2 Lab Sample ID: AY33187 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	0.05	1		U
TETRACHLOROETHENE	0.06	1.4	0.20	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-	115	69-139	
SURROGATE: 4-BROMOFLUOROBENZ	106	75-125	
SURROGATE: DIBROMOFLUOROMETH	106	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 #: 110301BS-152952
 Lab Name: APPL, Inc Contract #: 2010*1286022*000
 Field Sample ID: OW-CE1 Lab Sample ID: AY33193 Matrix: Water
 % Solids: NA Initial Calibration ID: S110228
 Date Received: 01-Mar-11 Date Prepared: 02-Mar-11 Date Analyzed: 02-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-	109	69-139	
SURROGATE: 4-BROMOFLUOROBENZ	102	75-125	
SURROGATE: DIBROMOFLUOROMETH	107	75-125	
SURROGATE: TOLUENE-D8 (S)	94.8	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 #: 110301BS-152952
 Lab Name: APPL, Inc Contract #: 2010*1286022*000
 Field Sample ID: OW-CE1 FD Lab Sample ID: AY33192 Matrix: Water
 % Solids: NA Initial Calibration ID: S110228
 Date Received: 01-Mar-11 Date Prepared: 02-Mar-11 Date Analyzed: 02-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-	107	69-139	
SURROGATE: 4-BROMOFLUOROBENZ	99.5	75-125	
SURROGATE: DIBROMOFLUOROMETH	109	75-125	
SURROGATE: TOLUENE-D8 (S)	94.8	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: OW-CE2 Lab Sample ID: AY33194 Matrix: Water
 % Solids: NA Initial Calibration ID: T110302
 Date Received: 01-Mar-11 Date Prepared: 02-Mar-11 Date Analyzed: 02-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-	102	69-139	
SURROGATE: 4-BROMOFLUOROBENZ	95.4	75-125	
SURROGATE: DIBROMOFLUOROMETH	96.1	75-125	
SURROGATE: TOLUENE-D8 (S)	101	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 #: 110301BS-152952
 Lab Name: APPL, Inc Contract #: 2010*1286022*000
 Field Sample ID: OW-MT2 Lab Sample ID: AY33191 Matrix: Water
 % Solids: NA Initial Calibration ID: S110228
 Date Received: 01-Mar-11 Date Prepared: 02-Mar-11 Date Analyzed: 02-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-	112	69-139	
SURROGATE: 4-BROMOFLUOROBENZ	101	75-125	
SURROGATE: DIBROMOFLUOROMETH	106	75-125	
SURROGATE: TOLUENE-D8 (S)	107	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 #: 110301BS-152952
 Lab Name: APPL, Inc Contract #: 2010*1286022*000
 Field Sample ID: OW-BARNOWL Lab Sample ID: AY33189 Matrix: Water
 % Solids: NA Initial Calibration ID: S110228
 Date Received: 01-Mar-11 Date Prepared: 02-Mar-11 Date Analyzed: 02-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	0.15	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-	106	69-139	
SURROGATE: 4-BROMOFLUOROBENZ	98.4	75-125	
SURROGATE: DIBROMOFLUOROMETH	103	75-125	
SURROGATE: TOLUENE-D8 (S)	101	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 #: 110301BS-152952
 Lab Name: APPL, Inc Contract #: 2010*1286022*000
 Field Sample ID: OW-DAIRYWELL Lab Sample ID: AY33190 Matrix: Water
 % Solids: NA Initial Calibration ID: S110228
 Date Received: 01-Mar-11 Date Prepared: 02-Mar-11 Date Analyzed: 02-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-	107	69-139	
SURROGATE: 4-BROMOFLUOROBENZ	103	75-125	
SURROGATE: DIBROMOFLUOROMETH	105	75-125	
SURROGATE: TOLUENE-D8 (S)	102	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 #: 110301AS-152951
 Lab Name: APPL, Inc Contract #: 2010*1286022*000
 Field Sample ID: OW-HH3 Lab Sample ID: AY33188 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	0.05	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-	109	69-139	
SURROGATE: 4-BROMOFLUOROBENZ	107	75-125	
SURROGATE: DIBROMOFLUOROMETH	102	75-125	
SURROGATE: TOLUENE-D8 (S)	109	75-125	

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

Comments:

ARF: 64013