



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

August 28, 2001

Office of the Commander

U - 030 - 01

Mr.

Mr.

Camp Stanley Storage Activity (CSSA) collected groundwater samples from two Bexar Metropolitan Water District water wells on August 1, 2001. 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.

Results from the contract laboratory are attached. An abbreviated summary of detected VOC compounds 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-2, 25300 Farenthold (adjacent to Club House)			
August 1, 2001	Tetrachloroethene (PCE)	3.1	5
	Trichloroethene (TCE)	0.26	5
Well LS-3, Farenthold (down the road from LS-2)			
August 1, 2001	PCE	1.2	5
	TCE	0.90	5

Based on the analytical data, low levels of the VOCs, PCE and TCE, were identified in water samples from your. Results from the laboratory analysis are provided as an attachment for the August 1, 2001 event. Although these VOCs are not naturally occurring, they are below the MCL and as such, do not prevent usability of your well, as you are well aware.

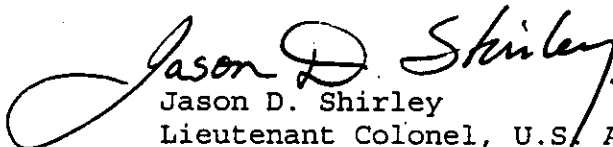
As part of the ongoing CSSA environmental program, we are continuing to investigate and cleanup VOC source areas on the installation and to track these compounds in ground water on- and off-post. As part of this effort, we would like contact you in the future to schedule another sampling event, potentially December 2001 for the wells listed above. When arrangements with

contractors are complete, we will contact you with a proposed sampling date and time. Once we have arranged a date with you, CSSA will attempt to provide at least 72 hours notice prior to proposed sampling events. CSSA anticipates sampling your drinking water before and after treatment at least quarterly for the foreseeable future.

CSSA will also take periodic samples from your well during the drilling processes of an additional monitoring well. The installation of the new well is located approximately 500 feet from yours and we want to ensure that our activities do not adversely impact your drinking water supply. We will contact you as these sampling events occur to keep you informed and provide analytical data as results become available.

Again, we would like to thank you for your patience and 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 me at 295-7416.

Sincerely,


Jason D. Shirley
Lieutenant Colonel, U.S. Army
Commanding Officer

Enclosure

CC: Mr. Greg Lyssy
EPA Region 6

Mr. Kirk Coulter
TNRCC Central Office

Mr. Tom Haberle
TNRCC Region 13

Ms. Abigail Power
TNRCC Region 13

Ms. Kyle Cunningham, R.S.
San Antonio Metropolitan Health District

Ms. Susan Roberts
Parsons ES

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: EPA 8260B Preparatory Method: 5030B AAB #: 010804AH-38194
 Lab Name: APPL, Inc Contract #: F11623-94-D0024-RL83
 Field Sample ID: LS-2 Lab Sample ID: AP20275 Matrix: Water
 % Solids: NA Initial Calibration ID: H010804
 Date Received: 02-Aug-01 Date Prepared: 04-Aug-01 Date Analyzed: 04-Aug-01
 Concentration Units: ug/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,1,1,2-Tetrachloroethane	0.14	0.5	0.14	1.0		U
1,1,1-TCA	0.08	0.8	0.08	1.0		U
1,1,2,2-Tetrachloroethane	0.20	0.4	0.20	1.0		U
1,1,2-TCA	0.16	1.0	0.16	1.0		U
1,1-DCA	0.07	0.4	0.07	1.0		U
1,1-DCE	0.16	1.2	0.16	1.0		U
1,1-Dichloropropene	0.12	1.0	0.12	1.0		U
1,2,3-Trichlorobenzene	0.13	0.5	0.13	1.0		U
1,2,3-Trichloropropane	0.23	3.2	0.23	1.0		U
1,2,4-Trichlorobenzene	0.08	0.5	0.08	1.0		U
1,2,4-Trimethylbenzene	0.07	1.3	0.07	1.0		U
1,2-DCA	0.10	0.6	0.10	1.0		U
1,2-DCB	0.08	0.3	0.08	1.0		U
1,2-Dibromo-3-chloropropane	0.72	2.6	0.72	1.0		U
1,2-Dichloropropane	0.14	0.4	0.14	1.0		U
1,2-EDB	0.11	0.6	0.11	1.0		U
1,3,5-Trimethylbenzene	0.06	0.5	0.06	1.0		U
1,3-DCB	0.12	1.2	0.12	1.0		U
1,3-Dichloropropane	0.10	0.4	0.10	1.0		U
1,4-DCB	0.09	0.3	0.09	1.0		U
1-Chlorohexane	0.12	0.6	0.12	1.0		U
2,2-Dichloropropane	0.53	3.5	0.53	1.0		U
2-Chlorotoluene	0.12	0.4	0.12	1.0		U
4-Chlorotoluene	0.09	0.6	0.09	1.0		U
Benzene	0.12	0.4	0.13	1.0		F
Bromobenzene	0.08	0.3	0.08	1.0		U
Bromochloromethane	0.16	0.4	0.16	1.0		U
Bromodichloromethane	0.12	0.8	0.12	1.0		U
Bromoform	0.14	1.2	0.14	1.0		U
Bromomethane	0.36	1.1	0.36	1.0		U
Carbon tetrachloride	0.09	2.1	0.09	1.0		U
Chlorobenzene	0.09	0.4	0.09	1.0		U
Chloroethane	0.26	1.0	0.26	1.0		U
Chloroform	0.06	0.3	0.06	1.0		U
Chloromethane	0.41	1.3	0.41	1.0		U
Cis-1,2-DCE	0.11	1.2	0.11	1.0		U
Cis-1,3-Dichloropropene	0.09	1.0	0.09	1.0		U

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: EPA 8260B Preparatory Method: 5030B AAB #: 010804AH-38194
 Lab Name: APPL, Inc Contract #: F11623-94-D0024-RL83
 Field Sample ID: LS-2 Lab Sample ID: AP20275 Matrix: Water
 % Solids: NA Initial Calibration ID: H010804
 Date Received: 02-Aug-01 Date Prepared: 04-Aug-01 Date Analyzed: 04-Aug-01
 Concentration Units: ug/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Dibromochloromethane	0.09	0.5	0.09	1.0		U
Dibromomethane	0.10	2.4	0.10	1.0		U
Dichlorodifluoromethane	0.24	1.0	0.24	1.0		U
Ethylbenzene	0.06	0.6	0.06	1.0		U
Hexachlorobutadiene	0.19	1.1	0.19	1.0		U
Isopropylbenzene	0.08	0.5	0.08	1.0		U
m&p-Xylene	0.14	0.5	0.14	1.0		U
Methylene chloride	0.19	1.0	0.19	1.0		U
n-Butylbenzene	0.11	1.1	0.11	1.0		U
n-Propylbenzene	0.10	0.4	0.10	1.0		U
Naphthalene	0.08	0.8	0.08	1.0		U
o-Xylene	0.07	1.1	0.07	1.0		U
p-Isopropyltoluene	0.06	1.2	0.06	1.0		U
Sec-Butylbenzene	0.05	1.3	0.05	1.0		U
Styrene	0.07	0.4	0.07	1.0		U
TCE	0.14	1.0	0.26	1.0		F
Tert-Butylbenzene	0.05	1.4	0.05	1.0		U
Tetrachloroethene	0.11	1.4	3.10	1.0		
Toluene	0.11	1.1	0.11	1.0		U
Trans-1,2-DCE	0.14	0.6	0.14	1.0		U
Trans-1,3-Dichloropropene	0.14	1.0	0.14	1.0		U
Trichlorofluoromethane	0.09	0.8	0.09	1.0		U
Vinyl chloride	0.27	1.1	0.27	1.0		U

Surrogate	Recovery	Control Limits	Qualifier
1,2-DCA-D4(S)	100	62-139	
4-Bromofluorobenzene(S)	101	75-125	
Dibromofluoromethane(S)	97.1	75-125	
Toluene-D8(S)	94.2	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 #: 010804AH-38276
 Lab Name: APPL, Inc Contract #: F11623-94-D0024-RL83
 Field Sample ID: LS-2 Lab Sample ID: AP20275 Matrix: Water
 % Solids: NA Initial Calibration ID: H010804
 Date Received: 02-Aug-01 Date Prepared: 04-Aug-01 Date Analyzed: 04-Aug-01
 Concentration Units: ug/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Acetone	1.45	5.0	1.45	1		U
Methyl Ethyl Ketone	1.65	5.0	1.65	1		U

Surrogate	Recovery	Control Limits	Qualifier
1,2-DCA-D4(S)	100	75-125	
4-Bromofluorobenzene(S)	101	75-125	
Dibromofluoromethane(S)	97.1	75-125	
Toluene-D8(S)	94.2	75-125	

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

Comments:

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: EPA 8260B Preparatory Method: 5030B AAB #: 010804AH-38194
 Lab Name: APPL, Inc Contract #: F11623-94-D0024-RL83
 Field Sample ID: LS-3 Lab Sample ID: AP20276 Matrix: Water
 % Solids: NA Initial Calibration ID: H010804
 Date Received: 02-Aug-01 Date Prepared: 04-Aug-01 Date Analyzed: 04-Aug-01
 Concentration Units: ug/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,1,1,2-Tetrachloroethane	0.14	0.5	0.14	1.0		U
1,1,1-TCA	0.08	0.8	0.08	1.0		U
1,1,1,2-Tetrachloroethane	0.20	0.4	0.20	1.0		U
1,1,2-TCA	0.16	1.0	0.16	1.0		U
1,1-DCA	0.07	0.4	0.07	1.0		U
1,1-DCE	0.16	1.2	0.16	1.0		U
1,1-Dichloropropene	0.12	1.0	0.12	1.0		U
1,2,3-Trichlorobenzene	0.13	0.5	0.13	1.0		U
1,2,3-Trichloropropane	0.23	3.2	0.23	1.0		U
1,2,4-Trichlorobenzene	0.08	0.5	0.08	1.0		U
1,2,4-Trimethylbenzene	0.07	1.3	0.07	1.0		U
1,2-DCA	0.10	0.6	0.10	1.0		U
1,2-DCB	0.08	0.3	0.08	1.0		U
1,2-Dibromo-3-chloropropane	0.72	2.6	0.72	1.0		U
1,2-Dichloropropane	0.14	0.4	0.14	1.0		U
1,2-EDB	0.11	0.6	0.11	1.0		U
1,3,5-Trimethylbenzene	0.06	0.5	0.06	1.0		U
1,3-DCB	0.12	1.2	0.12	1.0		U
1,3-Dichloropropane	0.10	0.4	0.10	1.0		U
1,4-DCB	0.09	0.3	0.09	1.0		U
1-Chlorohexane	0.12	0.6	0.12	1.0		U
2,2-Dichloropropane	0.53	3.5	0.53	1.0		U
2-Chlorotoluene	0.12	0.4	0.12	1.0		U
4-Chlorotoluene	0.09	0.6	0.09	1.0		U
Benzene	0.12	0.4	0.17	1.0		F
Bromobenzene	0.08	0.3	0.08	1.0		U
Bromochloromethane	0.16	0.4	0.16	1.0		U
Bromodichloromethane	0.12	0.8	0.12	1.0		U
Bromoform	0.14	1.2	0.14	1.0		U
Bromomethane	0.36	1.1	0.36	1.0		U
Carbon tetrachloride	0.09	2.1	0.09	1.0		U
Chlorobenzene	0.09	0.4	0.09	1.0		U
Chloroethane	0.26	1.0	0.26	1.0		U
Chloroform	0.06	0.3	0.06	1.0		U
Chloromethane	0.41	1.3	0.41	1.0		U
Cis-1,2-DCE	0.11	1.2	0.11	1.0		U
Cis-1,3-Dichloropropene	0.09	1.0	0.09	1.0		U

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: EPA 8260B Preparatory Method: 5030B AAB #: 010804AH-38194
 Lab Name: APPL, Inc Contract #: F11623-94-D0024-RL83
 Field Sample ID: LS-3 Lab Sample ID: AP20276 Matrix: Water
 % Solids: NA Initial Calibration ID: H010804
 Date Received: 02-Aug-01 Date Prepared: 04-Aug-01 Date Analyzed: 04-Aug-01
 Concentration Units: ug/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Dibromochloromethane	0.09	0.5	0.09	1.0		U
Dibromomethane	0.10	2.4	0.10	1.0		U
Dichlorodifluoromethane	0.24	1.0	0.24	1.0		U
Ethylbenzene	0.06	0.6	0.06	1.0		U
Hexachlorobutadiene	0.19	1.1	0.19	1.0		U
Isopropylbenzene	0.08	0.5	0.08	1.0		U
m&p-Xylene	0.14	0.5	0.14	1.0		U
Methylene chloride	0.19	1.0	0.19	1.0		U
n-Butylbenzene	0.11	1.1	0.11	1.0		U
n-Propylbenzene	0.10	0.4	0.10	1.0		U
Naphthalene	0.08	0.8	0.08	1.0		U
o-Xylene	0.07	1.1	0.07	1.0		U
p-Isopropyltoluene	0.06	1.2	0.06	1.0		U
Sec-Butylbenzene	0.05	1.3	0.05	1.0		U
Styrene	0.07	0.4	0.07	1.0		U
TCE	0.14	1.0	0.90	1.0		F
Tert-Butylbenzene	0.05	1.4	0.05	1.0		U
Tetrachloroethene	0.11	1.4	1.20	1.0		F
Toluene	0.11	1.1	0.11	1.0		U
Trans-1,2-DCE	0.14	0.6	0.14	1.0		U
Trans-1,3-Dichloropropene	0.14	1.0	0.14	1.0		U
Trichlorofluoromethane	0.09	0.8	0.09	1.0		U
Vinyl chloride	0.27	1.1	0.27	1.0		U

Surrogate	Recovery	Control Limits	Qualifier
1,2-DCA-D4(S)	101	62-139	
4-Bromofluorobenzene(S)	100	75-125	
Dibromofluoromethane(S)	98.0	75-125	
Toluene-D8(S)	94.7	75-125	

Internal Std	Qualifier
1,4-Dichlorobenzene-D(IS)	
Chlorobenzene-D5(IS)	
Fluorobenzene(IS)	

Comments:

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: EPA 8260B Preparatory Method: 5030B AAB #: 010804AH-38276
 Lab Name: APPL, Inc Contract #: F11623-94-D0024-RL83
 Field Sample ID: LS-3 Lab Sample ID: AP20276 Matrix: Water
 % Solids: NA Initial Calibration ID: H010804
 Date Received: 02-Aug-01 Date Prepared: 04-Aug-01 Date Analyzed: 04-Aug-01
 Concentration Units: ug/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
Acetone	1.45	5.0	1.45	1		U
Methyl Ethyl Ketone	1.65	5.0	1.65	1		U

Surrogate	Recovery	Control Limits	Qualifier
1,2-DCA-D4(S)	101	75-125	
4-Bromofluorobenzene(S)	100	75-125	
Dibromofluoromethane(S)	98.0	75-125	
Toluene-D8(S)	94.7	75-125	

Internal Std	Qualifier
1,4-Dichlorobenzene-D(IS)	
Chlorobenzene-D5(IS)	
Fluorobenzene(IS)	

Comments:



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

June 7, 2001

Office of the Commander

U - 018 - 01

Mr.

Mr.

Camp Stanley Storage Activity (CSSA) collected ground water samples from your water well on 20 March 2001. These samples were submitted to a laboratory contracted by Camp Stanley 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 ground water monitoring effort. Results from the contract laboratory are attached. An abbreviated summary of detected VOC compounds compared to maximum contaminant levels (MCLs) allowed in drinking water by the U.S. EPA under the Safe Drinking Water Act is provided below.

Compound	Result (ppb)	MCL (ppb)
VOCs		
Tetrachloroethene (PCE)	3.76	5

Based on the analytical data, low levels of the VOC tetrachloroethene (PCE) was identified in water samples from your well. PCE is one of the compounds that were identified during the December 1999, June, March, September, and December 2000 sampling events. Although these VOCs are not naturally occurring, they are below the MCL and as such, do not prevent usability of your well.

As part of the ongoing CSSA environmental program, we are continuing to investigate and cleanup VOC source areas on the base and to track these compounds in ground water on- and off-base. As part of this effort, we would like to schedule another sampling event for 12 June 2001. When arrangements with contractors are complete, we will contact you with a proposed sampling date and time. CSSA anticipates sampling your well at least quarterly for the foreseeable future.

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: 8260 B Preparatory Method: 5030 AAB#: 032701W3

Lab Name: O'Brien & Gere Laboratories, Inc. Contract #: F11623-94-D-0024/RL74

Field Sample ID: LS-7 Lab Sample ID: S2552 Matrix: Water

%Solids: NA Initial Calibration ID: J377PARS.M

Date Received: 03/21/01 Date Prepared: 03/27/01 Date Analyzed: 03/27/01

Concentration Units(mg/L or mg/Kg dry weight): ug/L

Analyte	MDL	RL	Concentration	Dilution	Confirm	Qualifier
1,1-Dichloroethene	.025	1.2	.025		1	U
Bromodichloromethane	.011	.8	.011		1	U
Chloroform	.011	.3	.011		1	U
cis-1,2-Dichloroethene	.062	1.2	.062		1	U
Dibromochloromethane	.012	.5	.012		1	U
Methylene chloride	.03	2.	.03		1	U
Tetrachloroethene	.008	1.4	3.76		1	
trans-1,2-Dichloroethene	.077	.6	.077		1	U
Trichloroethene	.01	1.	.2		1	F
Vinyl chloride	.013	1.1	.013		1	U

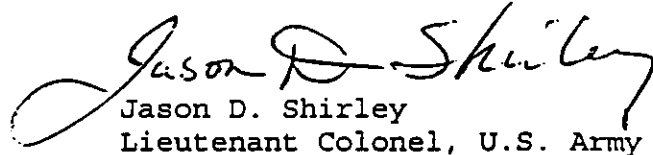
Surrogate	Recovery Control Limits	Qualifier
1,2-Dichloroethane-d4 (surrogate)	105 62-139	
Bromofluorobenzene (surrogate)	104 75-125	
Dibromofluoromethane (surrogate)	104 75-125	
Toluene-d8 (surrogate)	106 75-125	

Internal Std.	Qualifier
1,4-Dichlorobenzene-d4	
Chlorobenzene-d5	
Fluorobenzene	

Comments:

Again, we would like to thank you for your cooperation. If you have any questions concerning this letter, please contact me at 295-7416.

Sincerely,


Jason D. Shirley
Lieutenant Colonel, U.S. Army
Commanding Officer

CC: Ms.

Mr. Greg Lyssy
EPA Region 6

Mr. Kirk Coulter
TNRCC

Mr. Tom Haberle
TNRCC Region 13

Ms. Susan Roberts
Parsons ES