

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

August 5, 2011

U-127-11



26058 Hazy Hollow San Antonio, TX 78255

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

Dear

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 6/1/11. 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.

Based on the analytical data, no VOCs related to CSSA's groundwater investigation were identified in the water samples from your wells. Results from the laboratory analysis are provided as an attachment for the above sampling event.

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, your wells are scheduled to be sampled again in September 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

Analytical Method: EPA 8260B	Preparatory Method:	5030B	AAB #	: 110608BT-156345
Lab Name: APPL, Inc	Contract #: 20	010*12860	22*000	
Field Sample ID: OW-HH1 FD	Lab Sar	nple ID: A	Y39131	Matrix: Water
% Solids: NA	Initial Calibration ID	: T110608		
Date Received: 04-Jun-11	Date Prepared: 09-Jun-11		Date Analyze	d: 09-Jun-11
Concentration Units: ug/L				

		Concentr	auon	Dilution	Confirm	Qualifier
0.12	1.2		0.12	1		U
0.07	1.2		0.07	1		U
0.05	1.0		0.05	1		U
0.06	1.4		0.06	1		U
0.08	0.6		0.08	1		U
0.08	1.1		0.08	1		U
	Re	covery	Con	trol Limits	Qualifi	er
ETHANE	-	107		69-1	39	
OROBENZ	7	90.1		75-1	25	
OROMET	H	102		75-1	25	
(S)		95.5		75-1	25	
td			Qu	alifier		
OROBENZ	ENE-D4	(IS)				
ENZENE-	D5 (IS)					
ENZENE (IS)					
	0.07 0.05 0.06 0.08 0.08 0.08 0.08 0.08 0.08 0.08	0.07 1.2 0.05 1.0 0.06 1.4 0.08 0.6 0.08 1.1 Real DETHANE- DROBENZ OROMETH (S) td	0.07 1.2 0.05 1.0 0.06 1.4 0.08 0.6 0.08 1.1 Recovery DETHANE- 107 DROBENZ 90.1 OROMETH 102 (S) 95.5 td DROBENZENE-D4 (IS) ENZENE-D5 (IS) 105	0.07 1.2 0.07 0.05 1.0 0.05 0.06 1.4 0.06 0.08 0.6 0.08 0.08 1.1 0.08 0.08 1.1 0.08 0.08 1.1 0.08 0.08 1.1 0.08 0.08 1.1 0.08 0.08 1.1 0.08 0.08 1.1 0.08 0.08 1.1 0.08 0.08 1.1 0.08 000000000000000000000000000000000000	0.07 1.2 0.07 1 0.05 1.0 0.05 1 0.06 1.4 0.06 1 0.08 0.6 0.08 1 0.08 1.1 0.08 1 0.08 1.1 0.08 1 Control Limits DETHANE- 107 69-1 OROBENZ 90.1 75-1 OROMETH 102 75-1 Chemical Constraints 95.5 75-1 Chemical Constraints 95.5 75-1 Chemical Constraints Qualifier 0 DROBENZENE-D4 (IS) ENZENE-D5 (IS) Image: Constraints	0.07 1.2 0.07 1 0.05 1.0 0.05 1 0.06 1.4 0.06 1 0.08 0.6 0.08 1 0.08 1 0.08 1 0.08 1 0.08 1 PETHANE- 107 69-139 OROBENZ 90.1 75-125 OROMETH 102 75-125 (S) 95.5 75-125 td Qualifier DROBENZENE-D4 (IS) ENZENE-D5 (IS)

Comments:

ARF: 64820

Analytical Method: EPA 8260B	Preparatory Method:	5030B	AAB #:	: 110608BT-156345
Lab Name: APPL, Inc	Contract #: 20	010*1286022	*000	
Field Sample ID: OW-HH1	Lab Sar	nple ID: AY	39132	Matrix: Water
% Solids: NA	Initial Calibration ID	: T110608		
Date Received: 04-Jun-11	Date Prepared: 09-Jun-11	D	ate Analyzed	l: 09-Jun-11
Concentration Units: ug/L				

Analyte	MDL	RL	Concentr	ation	Dilution	Confir	n (Qualifier
1,1-DCE	0.12	1.2		0.12	1			U
CIS-1,2-DCE	0.07	1.2		0.07	1			<u> </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		Re	covery	Con	trol Limits	s Qual	ifier	
SURROGATE: 1,2-DICHLORO	DETHANE	-	115		69-	39		-
SURROGATE: 4-BROMOFLU	OROBENZ	Z	97.3		75-	25		
SURROGATE: DIBROMOFLU	JOROMET	Н	108		75-	125		
SURROGATE: TOLUENE-D8	(S)		101		75-	125		
Internal S	td			Qu	alifier			
1,4-DICHL	OROBENZ	ZENE-D4	(IS)					
CHLOROB	ENZENE-	D5 (IS)						
FLUOROB	ENZENE ((IS)						

Comments:

ARF: 64820

Analytical Method: EPA 8260B	Preparatory Method:	5030B	AAB #: 110609BH-156348
Lab Name: APPL, Inc	Contract #: 2	010*1286022*0	00
Field Sample ID: OW-HH2	Lab Sai	nple ID: AY39	33 Matrix: Water
% Solids: NA	Initial Calibration ID	: H110608	
Date Received: 04-Jun-11	Date Prepared: 10-Jun-11	Date	Analyzed: 10-Jun-11
Concentration Units: ug/L			

Analyte	MDL	RL	Concentr	ation	Dilution	0	Confirm	Qualifier
1,1-DCE	0.12	1.2		0.12	1			U
CIS-1,2-DCE	0.07	1.2		0.07				U
TCE	0.05	1.0		0.05	j			U
TETRACHLOROETHENE	0.06	1.4		0.06]			U
TRANS-1,2-DCE	0.08	0.6		0.08]			U
VINYL CHLORIDE	0.08	1.1		0.08]			U
Surrogate		Re	covery	Con	trol Limit	s	Qualifie	r
SURROGATE: 1,2-DICHLORO	DETHANE	-	103		69-	139		
SURROGATE: 4-BROMOFLU	OROBENZ	Z	101		75-	125		
SURROGATE: DIBROMOFLU	JOROMET	Н	104		75-	125		
SURROGATE: TOLUENE-D8	(S)		98.5		75-	125		
Internal S	Std			Qu	alifier			
1,4-DICHL	OROBENZ	ZENE-D4	(IS)					
CHLOROE	BENZENE-	D5 (IS)						
FLUOROB	ENZENE ((IS)						

Comments:

ARF: 64820

Analytical Method: EPA 8260B	Preparatory Method: 503	OB AAB #: 110609BH-156348
Lab Name: APPL, Inc	Contract #: 2010*	1286022*000
Field Sample ID: OW-CE1	Lab Sample	ID: AY39138 Matrix: Water
% Solids: NA	Initial Calibration ID: H1	10608
Date Received: 04-Jun-11	Date Prepared: 10-Jun-11	Date Analyzed: 10-Jun-11
Concentration Units: ug/L		

Analyte	MDL	RL	Concentr	ation	Dilution	C	onfirm	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		Re	covery	Cont	trol Limit	s	Qualifier	
SURROGATE: 1,2-DICHLORO	DETHANE	-	104		69-	139		
SURROGATE: 4-BROMOFLU	OROBENZ	Z	105		75-	125		
SURROGATE: DIBROMOFLU	OROMET	Ή	103		75-	125		
SURROGATE: TOLUENE-D8	(S)		101		75-	125		
Internal S	td			Qua	lifier			
1,4-DICHL	OROBENZ	ZENE-D4	(IS)					
CHLOROB	ENZENE-	D5 (IS)						
FLUOROB	ENZENE (IS)						

Comments:

ARF: 64820

Analytical Method: EPA 8260B	Preparatory Method: 503	0B AAB #: 110609BH-156348
Lab Name: APPL, Inc	Contract #: 2010*1	286022*000
Field Sample ID: OW-CE2	Lab Sample I	D: AY39139 Matrix: Water
% Solids: NA	Initial Calibration ID: H11	0608
Date Received: 04-Jun-11	Date Prepared: 10-Jun-11	Date Analyzed: 10-Jun-11
Concentration Units: ug/L		

MDL	RL	Concentr	ation	Dilution	Confirm		Qualifier
0.12	1.2		0.12	1			U
0.07	1.2		0.07	1			U
0.05	1.0		0.05	1			U
0.06	1.4		0.06	1			U
0.08	0.6		0.08	1			U
0.08	1.1		0.08	1			U
	Re	covery	Con	trol Limits	G Qualif	fier	
DETHANE		101		69-1	39		
OROBENZ	2	104		75-1	25		
JOROMET	H	101		75-1	25		
(S)		101		<u>75-1</u>	25		
itd			Qu	alifier			
OROBENZ	ENE-D4	(IS)					
ENZENE-	D5 (IS)						
ENZENE (IS)						
	0.12 0.07 0.05 0.06 0.08 0.08 0.08 0.08 0.08 0.08 0.08	0.12 1.2 0.07 1.2 0.05 1.0 0.06 1.4 0.08 0.6 0.08 1.1 Re OROBENZ JOROMETH (S) Std	0.12 1.2 0.07 1.2 0.05 1.0 0.06 1.4 0.08 0.6 0.08 1.1 Recovery DETHANE- 101 OROBENZ 104 JOROMETH 101 (S) 101 Std OROBENZENE-D4 (IS) ENZENE-D5 (IS)	0.12 1.2 0.12 0.07 1.2 0.07 0.05 1.0 0.05 0.06 1.4 0.06 0.08 0.6 0.08 0.08 1.1 0.08 Recovery Con DETHANE- 101 000 OROBENZ 104 JOROMETH 101 (S) 101 Std OROBENZENE-D4 (IS) ENZENE-D5 (IS) 101	0.12 1.2 0.12 1 0.07 1.2 0.07 1 0.05 1.0 0.05 1 0.06 1.4 0.06 1 0.08 0.6 0.08 1 0.08 1.1 0.08 1 0.08 1.1 0.08 1 0.08 1.1 0.08 1 0.08 1.1 0.08 1 0.08 1.1 0.08 1 0.08 1.1 0.18 1 0.08 1.1 0.18 1 0.09 1.1 0.18 1 0.008 1.1 0.16 1 0.1 75-1 1 1 0.1 75-1 1 1 0.1 75-1 1 1 0.1 75-1 1 1 0.1 75-1 1 1 0.1 75-1 1 1	0.12 1.2 0.12 1 0.07 1.2 0.07 1 0.05 1.0 0.05 1 0.06 1.4 0.06 1 0.08 0.6 0.08 1 0.08 1.1 0.08 1 Control Limits Qualifier OROBENZ 104 75-125 JOROMETH 101 75-125 Std Qualifier OROBENZENE-D4 (IS) ENZENE-D5 (IS)	0.12 1.2 0.12 1 0.07 1.2 0.07 1 0.05 1.0 0.05 1 0.06 1.4 0.06 1 0.08 0.6 0.08 1 0.08 1.1 0.08 1 Control Limits Qualifier DETHANE- 101 69-139 OROBENZ 104 75-125 JOROMETH 101 75-125 JOROMETH 101 75-125 Std Qualifier OROBENZENE-D4 (IS) ENZENE-D5 (IS)

Comments:

ARF: 64820

Analytical Method: EPA 8260B	Preparatory Method:	5030B	AAB #: 110609BH-156348
Lab Name: APPL, Inc	Contract #: 20	10*1286022*00	0
Field Sample ID: OW-MT2	Lab Sam	ple ID: AY391	36 Matrix: Water
% Solids: NA	Initial Calibration ID:	H110608	
Date Received: 04-Jun-11	Date Prepared: 10-Jun-11	Date	Analyzed: 10-Jun-11
Concentration Units: ug/L			

Analyte	MDL	RL	Concentr	ation	Dilution	Confirm		Jualifier
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		Re	covery	Con	trol Limits	s Qualif	ïer	
SURROGATE: 1,2-DICHLORO	DETHANE	-	102		69-1	39		
SURROGATE: 4-BROMOFLU	OROBENZ	Ζ	103		75-1	25		
SURROGATE: DIBROMOFLU	UOROMET	Ή	101		75-1	25		
SURROGATE: TOLUENE-D8	(S)		96.1		75-1	25		
Internal S	td			Qu	alifier			
1,4-DICHL	OROBENZ	ZENE-D4	(IS)					
CHLOROB	ENZENE-	D5 (IS)						
FLUOROB	ENZENE ((IS)						

Comments:

ARF: 64820

Analytical Method: EPA 8260B	Preparatory Method:	5030B	AAB #: 110609BH-156348
Lab Name: APPL, Inc	Contract #: 20	10*1286022*000	
Field Sample ID: OW-BARNOWI	Lab Sam	ple ID: AY3913	5 Matrix: Water
% Solids: NA	Initial Calibration ID:	H110608	
Date Received: 04-Jun-11	Date Prepared: 10-Jun-11	Date A	nalyzed: 10-Jun-11
Concentration Units: ug/L			

0.12	1.2				Confirm	\times	ualifier
	1.2		0.12	1			U
0.07	1.2		0.07	1			U
0.05	1.0		0.05	1			U
0.06	1.4		0.06	1			U
0.08	0.6		0.08	1			U
0.08	1.1		0.08	1			U
	Re	covery	Con	trol Limits	Qualifi	er	
ETHANE	-	101		69-1	39		
ROBENZ	Z	98.7		75-1	25		
OROMET	Н	103		75-1	25		
S)		97.0		75-1	25		
d			Qu	alifier			
1,4-DICHLOROBENZENE-D4 (IS)							
CHLOROBENZENE-D5 (IS)							
FLUOROBENZENE (IS)							
	0.05 0.06 0.08 0.08 ETHANE DROBENZ DROMET S) d ROBENZ ENZENE-	0.05 1.0 0.06 1.4 0.08 0.6 0.08 1.1 Real ETHANE- DROBENZ DROMETH S) d ROBENZENE-D4 NZENE-D5 (IS)	0.05 1.0 0.06 1.4 0.08 0.6 0.08 1.1 Recovery ETHANE- 101 PROBENZ 98.7 DROMETH 103 S) 97.0 d ROBENZENE-D4 (IS) ENZENE-D5 (IS)	0.05 1.0 0.05 0.06 1.4 0.06 0.08 0.6 0.08 0.08 1.1 0.08 0.08 1.1 0.08 Con Recovery Con ETHANE- 101 DROBENZ 98.7 DROMETH 103 S) 97.0 d Quarter of the second	0.05 1.0 0.05 1 0.06 1.4 0.06 1 0.08 0.6 0.08 1 0.08 1.1 0.08 1 0.08 1.1 0.08 1 0.08 1.1 0.08 1 0.08 1.1 0.08 1 0.08 1.1 0.08 1 0.08 1.1 0.08 1 0.08 1.1 0.08 1 0.08 1.1 0.08 1 0.08 1.1 0.08 1 0.08 1.1 0.08 1 0.08 1.1 0.08 1 0.08 1.1 0.08 1 0.08 98.7 75-1 0.1 97.0 75-1 0 97.0 75-1 0 98.7 98.7 0.1 99.7 99.7 0.1 99.7 99.7 <td>0.05 1.0 0.05 1 0.06 1.4 0.06 1 0.08 0.6 0.08 1 0.08 1.1 0.08 1 0.08 1.1 0.08 1 0.08 1.1 0.08 1 Recovery Control Limits Qualifie 000BENZ 98.7 75-125 0 000METH 103 75-125 0 01 69-139 0 0 0 01 69-139 0 0 0 0 01 69-139 0 0 0 0 0 0 01 69-139 0 75-125 0</td> <td>0.05 1.0 0.05 1 0.06 1.4 0.06 1 0.08 0.6 0.08 1 0.08 1 0.08 1 0.08 1.1 0.08 1 0.08 1.1 0.08 1 0.08 1.1 0.08 1 0.08 1.1 0.08 1 0.08 1.1 0.08 1 0.08 1.1 0.08 1 0.08 1.1 0.08 1 0.08 1.1 0.08 1 0.08 1.1 0.08 1 0.08 1.1 0.08 1 0.08 1.1 0.08 1 0.08 1.1 0.08 1 0.08 1.1 0.08 1 0.08 1.1 69-139 1 0.00 75-125 5 5 0.10 75-125 5 5 0.10 75-125 5 5 0.10</td>	0.05 1.0 0.05 1 0.06 1.4 0.06 1 0.08 0.6 0.08 1 0.08 1.1 0.08 1 0.08 1.1 0.08 1 0.08 1.1 0.08 1 Recovery Control Limits Qualifie 000BENZ 98.7 75-125 0 000METH 103 75-125 0 01 69-139 0 0 0 01 69-139 0 0 0 0 01 69-139 0 0 0 0 0 0 01 69-139 0 75-125 0	0.05 1.0 0.05 1 0.06 1.4 0.06 1 0.08 0.6 0.08 1 0.08 1 0.08 1 0.08 1.1 0.08 1 0.08 1.1 0.08 1 0.08 1.1 0.08 1 0.08 1.1 0.08 1 0.08 1.1 0.08 1 0.08 1.1 0.08 1 0.08 1.1 0.08 1 0.08 1.1 0.08 1 0.08 1.1 0.08 1 0.08 1.1 0.08 1 0.08 1.1 0.08 1 0.08 1.1 0.08 1 0.08 1.1 0.08 1 0.08 1.1 69-139 1 0.00 75-125 5 5 0.10 75-125 5 5 0.10 75-125 5 5 0.10

Comments:

ARF: 64820

Analytical Method: EPA 8260B	Preparatory Method:	5030B	AAB #: 110609BH-156348
Lab Name: APPL, Inc	Contract #: 2	010*1286022*00	0
Field Sample ID: OW-DAIRYWEL	L Lab Sai	mple ID: AY391	37 Matrix: Water
% Solids: NA	Initial Calibration IE): H110608	
Date Received: 04-Jun-11	Date Prepared: 10-Jun-11	Date	Analyzed: 10-Jun-11
Concentration Units: ug/L			

Analyte	MDL	RL	Concentr	ation	Dilution	C	onfirm	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		Re	covery	Cont	trol Limits	5	Qualifie	r
SURROGATE: 1,2-DICHLORO	DETHANE		101		69-1	39		
SURROGATE: 4-BROMOFLU	OROBENZ	Z	99.2		75-1	25		
SURROGATE: DIBROMOFLU	OROMET	Ή	103		75-1	25		
SURROGATE: TOLUENE-D8	(S)		94.6		75-1	25		
Internal S	td			Qua	lifier			
1,4-DICHL	1,4-DICHLOROBENZENE-D4 (IS)							
CHLOROBENZENE-D5 (IS)								
FLUOROB	ENZENE (IS)						

Comments:

ARF: 64820

Analytical Method: EPA 8260B	Preparatory Method:	5030B	AAB #: 110609BH-156348
Lab Name: APPL, Inc	Contract #: 201	0*1286022*00	0
Field Sample ID: OW-HH3	Lab Sam	ple ID: AY3913	34 Matrix: Water
% Solids: NA	Initial Calibration ID:	H110608	
Date Received: 04-Jun-11	Date Prepared: 10-Jun-11	Date 4	Analyzed: 10-Jun-11
Concentration Units: ug/L			

Analyte	MDL	RL	Concentr	ation	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		Re	covery	Con	trol Limits	Qualifie	er
SURROGATE: 1,2-DICHLORO	DETHANE	-	104		69-1	39	
SURROGATE: 4-BROMOFLU	OROBENZ	2	105		75-1	25	
SURROGATE: DIBROMOFLU	JOROMET	H	104		75-1	25	
SURROGATE: TOLUENE-D8	(S)		103		75-1	25	
Internal S	Std			Qu	alifier		
1,4-DICHL	OROBENZ	ENE-D4	(IS)				
CHLOROB	ENZENE-	D5 (IS)					
FLUOROB	ENZENE (IS)					

Comments:

ARF: 64820