



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

May 20, 2015

U-088-15

[REDACTED]
[REDACTED]
[REDACTED]
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, and OW-HH3, Located at Deer View

Dear [REDACTED]:

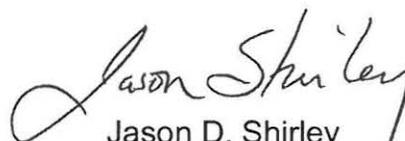
Camp Stanley Storage Activity (CSSA) collected groundwater samples from your wells (OW-HH1, OW-HH2, OW-CE1, OW-CE2, OW-MT2, OW-BARNOWL, OW-DAIRYBARN, OW-DAIRYWELL, & OW-HH3) on 3/4/15. These samples were submitted to a laboratory contracted by CSSA's environmental contractor for volatile organic compound (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 analyses 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 December 2015.

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) 295-7014.

Sincerely,


Jason D. Shirley
Installation Manager

Enclosure

cc: Mr. Greg Lyssy, EPA Region 6
Ms. Amanda Pirani, TCEQ Central Office
Mr. Jorge Salazar, 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 #: 150316AL-194961
 Lab Name: APPL, Inc Contract #: *G012
 Field Sample ID: OW-HH1 Lab Sample ID: AZ11989 Matrix: Water
 % Solids: NA Initial Calibration ID: 150311
 Date Received: 10-Mar-15 Date Prepared: 16-Mar-15 Date Analyzed: 16-Mar-15
 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 | 99.9 | 75-125 | |
| SURROGATE: DIBROMOFLUOROMETH | 102 | 75-125 | |
| SURROGATE: TOLUENE-D8 (S) | 98.7 | 75-125 | |

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

Comments:

ARF: 75760

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: EPA 8260B Preparatory Method: 5030B AAB #: 150316AL-194961
 Lab Name: APPL, Inc Contract #: *G012
 Field Sample ID: OW-HH3 Lab Sample ID: AZ11990 Matrix: Water
 % Solids: NA Initial Calibration ID: 150311
 Date Received: 10-Mar-15 Date Prepared: 16-Mar-15 Date Analyzed: 16-Mar-15
 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 | 99.7 | 75-125 | |
| SURROGATE: DIBROMOFLUOROMETH | 102 | 75-125 | |
| SURROGATE: TOLUENE-D8 (S) | 99.5 | 75-125 | |

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

Comments:

ARF: 75760

AFCEE FORM O-2

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: EPA 8260B Preparatory Method: 5030B AAB #: 150316AL-194961
 Lab Name: APPL, Inc Contract #: *G012
 Field Sample ID: OW-BARNOWL Lab Sample ID: AZ11991 Matrix: Water
 % Solids: NA Initial Calibration ID: 150311
 Date Received: 10-Mar-15 Date Prepared: 16-Mar-15 Date Analyzed: 16-Mar-15
 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 | 99.6 | 75-125 | |
| SURROGATE: DIBROMOFLUOROMETH | 105 | 75-125 | |
| SURROGATE: TOLUENE-D8 (S) | 100 | 75-125 | |

| Internal Std | Qualifier |
|-----------------------------|-----------|
| 1,4-DICHLOROBENZENE-D4 (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 #: 150311AT-194967
 Lab Name: APPL, Inc Contract #: *G012
 Field Sample ID: OW-HH2 Lab Sample ID: AZ11992 Matrix: Water
 % Solids: NA Initial Calibration ID: T150302
 Date Received: 10-Mar-15 Date Prepared: 11-Mar-15 Date Analyzed: 11-Mar-15
 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- | 94.4 | 69-139 | |
| SURROGATE: 4-BROMOFLUOROBENZ | 98.8 | 75-125 | |
| SURROGATE: DIBROMOFLUOROMETH | 97.2 | 75-125 | |
| SURROGATE: TOLUENE-D8 (S) | 97.4 | 75-125 | |

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

Comments:

ARF: 75760

AFCEE FORM O-2

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: EPA 8260B Preparatory Method: 5030B AAB #: 150311AT-194967
 Lab Name: APPL, Inc Contract #: *G012
 Field Sample ID: OW-HH2 FD Lab Sample ID: AZ11993 Matrix: Water
 % Solids: NA Initial Calibration ID: T150302
 Date Received: 10-Mar-15 Date Prepared: 11-Mar-15 Date Analyzed: 11-Mar-15
 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- | 94.4 | 69-139 | |
| SURROGATE: 4-BROMOFLUOROBENZ | 102 | 75-125 | |
| SURROGATE: DIBROMOFLUOROMETH | 97.4 | 75-125 | |
| SURROGATE: TOLUENE-D8 (S) | 101 | 75-125 | |

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

Comments:

ARF: 75760

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: EPA 8260B Preparatory Method: 5030B AAB #: 150311AT-194967
 Lab Name: APPL, Inc Contract #: *G012
 Field Sample ID: OW-DAIRYWELL Lab Sample ID: AZ11994 Matrix: Water
 % Solids: NA Initial Calibration ID: T150302
 Date Received: 10-Mar-15 Date Prepared: 11-Mar-15 Date Analyzed: 11-Mar-15
 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- | 93.1 | 69-139 | |
| SURROGATE: 4-BROMOFLUOROBENZ | 99.9 | 75-125 | |
| SURROGATE: DIBROMOFLUOROMETH | 96.3 | 75-125 | |
| SURROGATE: TOLUENE-D8 (S) | 97.8 | 75-125 | |

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

Comments:

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AFCEE FORM O-2

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: EPA 8260B Preparatory Method: 5030B AAB #: 150311BT-194968
 Lab Name: APPL, Inc Contract #: *G012
 Field Sample ID: OW-MT2 Lab Sample ID: AZ11995 Matrix: Water
 % Solids: NA Initial Calibration ID: T150302
 Date Received: 10-Mar-15 Date Prepared: 12-Mar-15 Date Analyzed: 12-Mar-15
 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- | 93.8 | 69-139 | |
| SURROGATE: 4-BROMOFLUOROBENZ | 101 | 75-125 | |
| SURROGATE: DIBROMOFLUOROMETH | 96.4 | 75-125 | |
| SURROGATE: TOLUENE-D8 (S) | 98.7 | 75-125 | |

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

Comments:

ARF: 75760

AFCEE FORM O-2

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: EPA 8260B Preparatory Method: 5030B AAB #: 150311BT-194968
 Lab Name: APPL, Inc Contract #: *G012
 Field Sample ID: OW-CE1 Lab Sample ID: AZ11996 Matrix: Water
 % Solids: NA Initial Calibration ID: T150302
 Date Received: 10-Mar-15 Date Prepared: 12-Mar-15 Date Analyzed: 12-Mar-15
 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- | 92.6 | 69-139 | |
| SURROGATE: 4-BROMOFLUOROBENZ | 102 | 75-125 | |
| SURROGATE: DIBROMOFLUOROMETH | 96.9 | 75-125 | |
| SURROGATE: TOLUENE-D8 (S) | 100 | 75-125 | |

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

Comments:

ARF: 75760

AFCEE FORM O-2

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: EPA 8260B Preparatory Method: 5030B AAB #: 150311BT-194968
 Lab Name: APPL, Inc Contract #: *G012
 Field Sample ID: OW-CE2 Lab Sample ID: AZ11997 Matrix: Water
 % Solids: NA Initial Calibration ID: T150302
 Date Received: 10-Mar-15 Date Prepared: 12-Mar-15 Date Analyzed: 12-Mar-15
 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- | 91.1 | 69-139 | |
| SURROGATE: 4-BROMOFLUOROBENZ | 104 | 75-125 | |
| SURROGATE: DIBROMOFLUOROMETH | 95.2 | 75-125 | |
| SURROGATE: TOLUENE-D8 (S) | 101 | 75-125 | |

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

Comments:

ARF: 75760

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