



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

August 25, 2014

U-097-14

[REDACTED]
[REDACTED]
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-HH3, Located at Deer View, OW-CE1, Located at Traciney Blvd., OW-CE2, Located at Traciney Blvd., OW-MT2, Located at Mountain Top, OW-BARNOWL, Located at Barn Owl, and OW-DAIRYWELL, Located at Echoing Oaks.

Dear [REDACTED]:

Camp Stanley Storage Activity (CSSA) collected groundwater samples from your wells (OW-HH1, OW-HH2, OW-HH3, OW-CE1, OW-CE2, OW-MT2, OW-BARNOWL, OW-DAIRYWELL, &) on 6/4/14. 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 March 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
Mr. Michael Kuitu, TCEQ Central Office
Mr. Jorge Salazar, TCEQ Region 13
Ms. Kyle Cunningham, San Antonio Metropolitan Health Dist.
Ms. Julie Burdey, Parsons

Qualifiers for laboratory data report:

U - The analyte was analyzed for, but not detected. The associated numerical value is at or below the laboratory method detection limit (MDL).

F - Indicates the value is above the laboratory method detection limit (MDL), but below the laboratory reporting limit (RL) for the compound.

Abbreviations:

MDL – method detection limit

RL – reporting limit

DCE – Dichloroethene

TCE – Trichloroethene

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: EPA 8260B Preparatory Method: 5030B AAB #: 140610AM-187359
 Lab Name: APPL, Inc Contract #: *G012
 Field Sample ID: OW-HH1 Lab Sample ID: AY97706 Matrix: Water
 % Solids: NA Initial Calibration ID: M140605
 Date Received: 06-Jun-14 Date Prepared: 10-Jun-14 Date Analyzed: 10-Jun-14
 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- | 94.6 | 69-139 | |
| SURROGATE: 4-BROMOFLUOROBENZ | 92.2 | 75-125 | |
| SURROGATE: DIBROMOFLUOROMETH | 93.1 | 75-125 | |
| SURROGATE: TOLUENE-D8 (S) | 91.6 | 75-125 | |

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

Comments:

ARF: 73525

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: EPA 8260B Preparatory Method: 5030B AAB #: 140610AM-187359
 Lab Name: APPL, Inc Contract #: *G012
 Field Sample ID: OW-HH3 Lab Sample ID: AY97707 Matrix: Water
 % Solids: NA Initial Calibration ID: M140605
 Date Received: 06-Jun-14 Date Prepared: 10-Jun-14 Date Analyzed: 10-Jun-14
 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- | 94.0 | 69-139 | |
| SURROGATE: 4-BROMOFLUOROBENZ | 89.8 | 75-125 | |
| SURROGATE: DIBROMOFLUOROMETH | 92.4 | 75-125 | |
| SURROGATE: TOLUENE-D8 (S) | 90.5 | 75-125 | |

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

Comments:

ARF: 73525

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: EPA 8260B Preparatory Method: 5030B AAB #: 140610AM-187359
 Lab Name: APPL, Inc Contract #: *G012
 Field Sample ID: OW-HH2 Lab Sample ID: AY97709 Matrix: Water
 % Solids: NA Initial Calibration ID: M140605
 Date Received: 06-Jun-14 Date Prepared: 10-Jun-14 Date Analyzed: 10-Jun-14
 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- | 95.1 | 69-139 | |
| SURROGATE: 4-BROMOFLUOROBENZ | 91.0 | 75-125 | |
| SURROGATE: DIBROMOFLUOROMETH | 92.4 | 75-125 | |
| SURROGATE: TOLUENE-D8 (S) | 90.0 | 75-125 | |

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

Comments:

ARF: 73525

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: EPA 8260B Preparatory Method: 5030B AAB #: 140610AM-187359
 Lab Name: APPL, Inc Contract #: *G012
 Field Sample ID: OW-BARNOWL Lab Sample ID: AY97708 Matrix: Water
 % Solids: NA Initial Calibration ID: M140605
 Date Received: 06-Jun-14 Date Prepared: 10-Jun-14 Date Analyzed: 10-Jun-14
 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- | 94.3 | 69-139 | |
| SURROGATE: 4-BROMOFLUOROBENZ | 92.0 | 75-125 | |
| SURROGATE: DIBROMOFLUOROMETH | 91.5 | 75-125 | |
| SURROGATE: TOLUENE-D8 (S) | 91.3 | 75-125 | |

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

Comments:

ARF: 73525

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ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: EPA 8260B Preparatory Method: 5030B AAB #: 140610AM-187359
 Lab Name: APPL, Inc Contract #: *G012
 Field Sample ID: OW-CE1 Lab Sample ID: AY97712 Matrix: Water
 % Solids: NA Initial Calibration ID: M140605
 Date Received: 06-Jun-14 Date Prepared: 10-Jun-14 Date Analyzed: 10-Jun-14
 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- | 93.4 | 69-139 | |
| SURROGATE: 4-BROMOFLUOROBENZ | 88.8 | 75-125 | |
| SURROGATE: DIBROMOFLUOROMETH | 90.0 | 75-125 | |
| SURROGATE: TOLUENE-D8 (S) | 90.9 | 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 #: 140610AM-187359
 Lab Name: APPL, Inc Contract #: *G012
 Field Sample ID: OW-CE2 Lab Sample ID: AY97713 Matrix: Water
 % Solids: NA Initial Calibration ID: M140605
 Date Received: 06-Jun-14 Date Prepared: 10-Jun-14 Date Analyzed: 10-Jun-14
 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- | 97.3 | 69-139 | |
| SURROGATE: 4-BROMOFLUOROBENZ | 93.1 | 75-125 | |
| SURROGATE: DIBROMOFLUOROMETH | 94.8 | 75-125 | |
| SURROGATE: TOLUENE-D8 (S) | 93.5 | 75-125 | |

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

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 #: 140610AM-187359
 Lab Name: APPL, Inc Contract #: *G012
 Field Sample ID: OW-MT2 Lab Sample ID: AY97711 Matrix: Water
 % Solids: NA Initial Calibration ID: M140605
 Date Received: 06-Jun-14 Date Prepared: 10-Jun-14 Date Analyzed: 10-Jun-14
 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- | 97.0 | 69-139 | |
| SURROGATE: 4-BROMOFLUOROBENZ | 89.1 | 75-125 | |
| SURROGATE: DIBROMOFLUOROMETH | 93.0 | 75-125 | |
| SURROGATE: TOLUENE-D8 (S) | 90.7 | 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 #: 140610AM-187359
 Lab Name: APPL, Inc Contract #: *G012
 Field Sample ID: OW-DAIRYWELL Lab Sample ID: AY97710 Matrix: Water
 % Solids: NA Initial Calibration ID: M140605
 Date Received: 06-Jun-14 Date Prepared: 10-Jun-14 Date Analyzed: 10-Jun-14
 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- | 96.6 | 69-139 | |
| SURROGATE: 4-BROMOFLUOROBENZ | 91.3 | 75-125 | |
| SURROGATE: DIBROMOFLUOROMETH | 93.2 | 75-125 | |
| SURROGATE: TOLUENE-D8 (S) | 90.9 | 75-125 | |

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

Comments:

ARF: 73525