



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

August 26, 2005

U-318-05

Subject: Sampling of Water Well JW-28

Camp Stanley Storage Activity (CSSA) collected groundwater samples from your well (JW-28) on 6/23/05. 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 water samples from your well. However, detections of toluene were reported at a concentration of 0.19 ppb (F-flagged) in your well. The "F" flag is assigned to those results that are above the method detection limit (MDL) but below the reporting limit (RL) for the laboratory method. This concentration of 0.19 ppb is below the applicable maximum contaminant level (MCL) for toluene of 1,000 ppb and does not affect usability of your well. Toluene has been detected sporadically in on-post monitoring wells and no concentrations on-post have been above the MCL. Toluene is a common groundwater contaminant associated with the widespread use of fuels and motor oils, usually associated with benzene, ethyl benzene, and/or xylene(s) contamination. The low levels of toluene detected in your well are not currently believed to be associated with CSSA activities. Results from the laboratory analysis are provided as an attachment for the 6/23/05 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, we may contact you in the future to schedule another sampling event for your well listed above.

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
Installation Manager

Attachments

cc: Mr. Greg Lyssy, EPA Region 6
Mr. Sonny Rayos, TCEQ Central Office
Mr. Henry Karnei, TCEQ Region 13
Ms. Kyle Cunningham, San Antonio Metropolitan Health Dist.
Ms. Julie Burdey, Parsons
Ms. Kimberly Vaughn, Parsons

AFCEE
ORGANIC ANALYSES DATA SHEET 2
RESULTS

Analytical Method: EPA 8260B Preparatory Method: 5030B AAB #: 050705AN-88836
 Lab Name: APPL, Inc Contract #: F41624-03-D-8613, TO 08
 Field Sample ID: JW-28 Lab Sample ID: AX22393 Matrix: Water
 % Solids: NA Initial Calibration ID: N050630B
 Date Received: 24-Jun-05 Date Prepared: 05-Jul-05 Date Analyzed: 05-Jul-05
 Concentration Units: ug/L

| Analyte | MDL | RL | Concentration | Dilution | Confirm | Qualifier |
|-------------------------|------|-----|---------------|----------|---------|-----------|
| 1,1-DCE | 0.12 | 1.2 | 0.12 | 1 | | U |
| Bromodichloromethane | 0.06 | 0.8 | 0.06 | 1 | | U |
| Bromoform | 0.13 | 1.2 | 0.13 | 1 | | U |
| Chloroform | 0.06 | 0.3 | 0.06 | 1 | | U |
| Cis-1,2-DCE | 0.07 | 1.2 | 0.07 | 1 | | U |
| Dibromochloromethane | 0.06 | 0.5 | 0.06 | 1 | | U |
| Dichlorodifluoromethane | 0.11 | 1.0 | 0.11 | 1 | | U |
| Methylene chloride | 0.51 | 2.0 | 0.51 | 1 | | U |
| Naphthalene | 0.07 | 0.4 | 0.07 | 1 | | U |
| TCE | 0.05 | 1.0 | 0.05 | 1 | | U |
| Tetrachloroethene | 0.06 | 1.4 | 0.06 | 1 | | U |
| Toluene | 0.06 | 1.1 | 0.19 | 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 |
|-------------------------|----------|----------------|-----------|
| 1,2-DCA-D4(S) | 103 | 69-139 | |
| 4-Bromofluorobenzene(S) | 97.5 | 75-125 | |
| Dibromofluoromethane(S) | 101 | 75-125 | |
| Toluene-D8(S) | 94.6 | 75-125 | |

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

Comments: ARF: 47840

See comments on p. 41 TC 7/20/05

