



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

August 27, 2007

U-106-07

Mr. Bryan Smith
Texas Commission on Environmental Quality
Industrial and Hazardous Waste Permits Section
P.O. Box 13087 (MC-130)
Austin, TX 78711-3087

Subject: Quarterly Status Report of the Pilot Study Class V Aquifer
Remediation Injection Wells at Camp Stanley Storage Activity,
Boerne, Texas, TCEQ Authorization No. 5X2600431; WWC12002216;
CN602728206/RN104431655

Dear Mr. Smith:

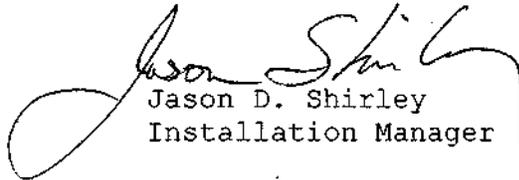
The Camp Stanley Storage Activity (CSSA), McAlester Army Ammunition Plant, U.S. Army Field Support Command, Army Materiel Command, U.S. Army, is submitting this quarterly report summarizing the injection activities performed at the on-post Solid Waste Management Unit (SWMU) B-3 site. The activities performed are part of the planned SWMU B-3 Pilot Study being performed to evaluate the effectiveness of enhanced anaerobic biodegradation (EAB) for treatment of chlorinated compounds in groundwater. The pilot study activities include the injection of recovered groundwater into mulch/gravel filled bioreactor trenches.

This quarterly report contains data as specified by the subject Texas Commission on Environmental Quality (TCEQ) Underground Injection Control (UIC) authorization for the period of April 24, 2007 through July 29, 2007 and includes monthly collected data. This submittal also reports twice monthly samples of the injected groundwater for volatile organic concentrations and total dissolved solids, presented in Table 1, as required by the UIC authorization. Field collected parameters, including injection volumes, injection pressures, and the pH of recovered groundwater for the month of July 2007, are also attached.

Between July 2, 2007 and July 27, 2007, approximately 143,000 gallons of groundwater from well CS-MW16-CC, were injected into SWMU B-3 bioreactor trench 1. A total of 575,500 gallons of recovered groundwater from CS-MW16-LGR and CS-MW16-CC have been injected into the bioreactor trench 1 since injection start date of April 24, 2007. Samples of the injected groundwater were collected on July 6, 2007 and July 19, 2007. Additionally monthly monitoring data, including analytical results from the uppermost saturated zone (Zone LGR03B) multi-port monitoring wells and bioreactor trench 1 sumps, are summarized in Table 2 and Table 3, respectively. Laboratory data packages for twice monthly collected data for the period July 2007 and monthly collected data are also attached. The analytical results were all below regulatory levels or within the permitted levels.

If you have any questions regarding the information contained in this letter, please feel free to contact Glare Sanchez, CSSA Environmental Program Manager, at (210) 698-5208 or Ken Rice, Parsons, at (512) 719-6050.

Sincerely,



Jason D. Shirley
Installation Manager

Attachments

cc: Glare Sanchez, CSSA Environmental Program Manager
Kent Rohlof, AFCEE (ltr only)
Julie Burdey, Parsons
Ken Rice, Parsons
Brian Vanderglas, Parsons
File: 744223.11000