



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

December 3, 2008

U-027-09

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: Biannual Status Report (Month 13 - Month 18, May, 2008 -  
October, 2008) 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 biannual 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 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.

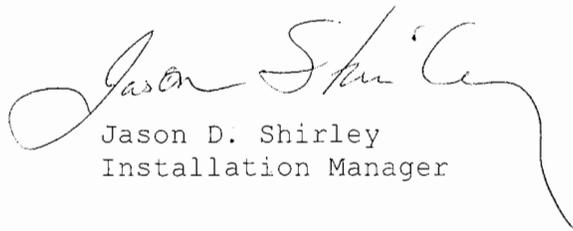
This biannual report contains data as specified by the Texas Commission on Environmental Quality (TCEQ) Underground Injection Control (UIC) permit for the months of May through October, 2008 (Months 13-18). The biannual reporting data includes monthly samples of the injected groundwater for volatile organic concentrations (VOCs) and total dissolved solids (TDS) and field collected parameters including injection volumes, injection pressures and the pH of recovered groundwater.

Between May 1, 2008 and October 31, 2008 approximately 5,405,000 gallons of groundwater from wells CS-MW16-CC (~3,600,000 gallons), and CS-MW16-LGR (~1,800,000 gallons) were injected into SWMU B-3 bioreactor trench 1. A total of 10,523,698 gallons of recovered groundwater from CS-MW16-LGR and CS-MW16-CC have been injected into the bioreactor trench 1 since startup of the bioreactor. For this reporting period, samples of the recovered water/injection stream were collected twice per month through July (May 5 & 19, June 5 & 18, and July 9 & 22) and once per month August through October (August 19, September 24, and October 21). Results of analysis are summarized in the attached Table 1. Field forms that contain operating pressures

and pH readings for the reporting period are also attached and the laboratory data packages are included in the accompanying CD. Based on the data collected, concentrations of contaminants did not exceed limits specified in 40 CFR §261.24 Table 1 as referenced in CSSA's UIC permit authorization.

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

Enclosures

cc: Glare Sanchez, CSSA Environmental Program Manager  
Wayne Elliott, USAE (ltr only)  
Julie Burdey, Parsons (ltr only)  
Ken Rice, Parsons