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## TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

*Protecting Texas by Reducing and Preventing Pollution*

March 13, 2012

Mr. Jason Shirley  
U.S. Army  
Camp Stanley Storage Activity  
25800 Ralph Fair Rd.  
Boerne, TX 78015

Re: Authorization and Registration of Class V Injection Wells  
TCEQ Authorization No. 5X2600645  
CN602728206/RN104431655  
Camp Stanley Storage Activity  
25800 Ralph Fair Rd.  
Boerne, TX 78015

Dear Mr. Shirley:

The Underground Injection Control (UIC) staff has completed review of the authorization form received March 7, 2012 from Parsons requesting approval for the injection of sodium hydroxide and sodium persulphate (ISCO chemical mix) mixed with extracted groundwater via an injection gallery and an injection well. Based on our review, approval is hereby given for the construction of the injection wells according to the submitted plans and specifications for this site. This authorization relates only to injection activities and not the adequacy or appropriateness of site remediation.

In order to maintain authorization by rule for the injection operations, the project must meet all requirements set by the Remediation Division and the UIC rules provided by 30 Texas Administrative Code (TAC) Chapter 331. Requirements for the injection wells include:

1. All injection wells and/or galleries are to be constructed to meet the standards provided in 30 TAC §331.132 and as built construction diagrams and/or well logs submitted to the UIC Permits Team, Radioactive Materials Division, at mail code MC233 within 30 days of completion;
2. Operational and status changes shall be reported to and approved by the UIC Permits Team;
3. Closure (plugging) of injection wells shall comply with standards provided in 30 TAC §331.133. Closure reports including injection well monitoring data (injection volumes, pressures, and results) and plugging reports shall be submitted to the UIC Permits Team, Radioactive Materials Division, at mail code MC233 within 60 days of conclusion of injection activities; and

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4. Injection volumes, pressures, and concentrations of contaminants (including pH and total dissolved solids) in the injected groundwater shall be sampled monthly at the point of reinjection (prior to fluids being released into the trenches) and submitted to the UIC Permits Team, Radioactive Materials Division, at mail code MC-233 on a quarterly basis. The concentration of the contaminants in the injectate shall not exceed those in the extracted groundwater or those limits listed in 40 CFR §261.24 Toxicity characteristic table 1 that would deem them hazardous by concentration, whichever is lower.

If you have any questions or comments regarding this matter please contact me at [bryan.smith@tceq.texas.gov](mailto:bryan.smith@tceq.texas.gov) or (512) 239-6075. If you will be responding by letter, please include mail code MC 233 in the mailing address.

Sincerely,



Bryan S. Smith, Project Manager  
Underground Injection Control Permits Team  
Radioactive Materials Division  
Texas Commission on Environmental Quality

BSS/nlc

cc: Ms. Julie Burdey, Parsons, 8000 Centre Park Drive, Suite 200, Austin, Tx 78754