



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

February 2, 2007

MR. HENRY C. DRESS, PE
PARSONS
800 CENTRE PARK, STE 200
AUSTIN TX 78754

Re: Camp Stanley - Public Water System I.D. #0150117
Proposed Disinfection Modifications - Well Nos. CS-1, CS-9 and CS-10
Engineer Contact Telephone:
Plan Review Log Number 200607-246
Bexar County, Texas

CN602535627 RN100662840

Dear Mr. Dress:

The proposed disinfection modifications **cannot** be approved for construction based on our review of planning material received on July 20, 2006, with your letter dated July 17, 2006.

Please provide additional information showing how the following requirements of the TCEQ's Chapter §290 - Rules and Regulations for Public Water Systems (Rules) will be met:

1. Calcium hypochlorite tablets are not acceptable for use in Texas for public drinking water supply systems. Section 30 TAC §290.42(e)(3) requires disinfection equipment capable of continuous and effective disinfection under all conditions. Tablet chlorinators may not be able to provide a consistent chlorine residual during periods of low or intermittent flows. This prohibition will remain in effect until you provide data from pilot or bench scale studies that confirm that the tablet chlorinator provides consistent residuals under low or intermittent flow conditions. This study should include data that analyzes the effects of storage and distribution systems, intermittent flows, varying chlorine dosages and variations of chlorine residuals during intermittent operation. **Plans and specifications for an alternate means of disinfection must be submitted and approved.**

The submittal consisted of six sheets of engineering drawings and technical specifications. The proposed project consists of:

- Two (2) skid mounted *Accu-Tab SI* chlorine tablet disinfection system units each including an inlet particle filter, calcium hypochlorite tablet chlorinator, scale, chlorine solution storage tank, instrumentation, two (2) centrifugal injection pumps, local control panel with PLC, related valves, fittings and miscellaneous appurtenances.

We will retain these documents for 60 calendar days. Revisions or additional information must be submitted to the TCEQ (Utilities Technical Review Team, MC-153) within that time or the entire package must be resubmitted for review.

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Please refer to the Utilities Technical Review Team's Log No. 200607-246 in all correspondence for this project. This will help complete our review and prevent it from being considered a new project.

Please complete a copy of the most current Public Water System Plan Review Submittal form for future submittal to TCEQ for review of improvements to a Public Water System. Every blank on the form must be completed to minimize any delays in review of your project. The document is available on our WEB site at the address shown below.

<http://www.tceq.state.tx.us/assets/public/permitting/forms/10233.pdf>

For future reference, you can review part of the Utilities Technical Review Team's database to see if we have received your project. This is available on the TCEQ's homepage on the Internet at the following address:

http://www.tceq.state.tx.us/assets/public/permitting/watersupply/ud/planrev_list.pdf

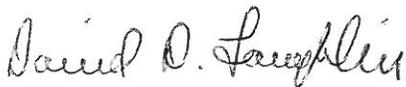
You can download most of the well construction checklists and the latest revision of Chapter 290 "Rules and Regulations for Public Water Systems" from this site.

If you have any questions please contact me at 512.239.1734 or the Internet address: "TROGERS@tceq.state.tx.us" or if by correspondence, include MC 153 in the letterhead address below.

Sincerely,



Teresa L. Rogers
Utilities Technical Review Team
Water Supply Division MC-153



David D. Laughlin, P.E.
Utilities Technical Review Team
Water Supply Division MC-153

TLR/mmg

cc: Camp Stanley: Attn: Jason D. Shirley, 25800 Ralph Fair Rd, Boerne, TX 78015
TCEQ Central Records PWS File 0150117
TCEQ Region No. 13 Office - San Antonio
TCEQ Public Drinking Water - Technical Review & Oversight Team
TCEQ Public Drinking Water - Drinking Water Quality Team