

November 18, 2009

City of Rapid City
Growth Management Department
300 6th Street
Rapid City, SD 57701-2726

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Rapid City Growth
Management Department

Re: **11-6-19 SDCL Review Application
Croyle Water System Project
Colonial Pine Hills Sanitary District**

Attn: Growth Management Department

On behalf of the Colonial Pine Hills Sanitary District I am delivering four (4) sets of plans and vicinity map (4 copies) for the above referenced project. The project is for proposed public water system improvements as shown on the attached plans and described below. The project includes a new well, well house, and water main for the Sanitary District. The project is located in Pennington County.

Scope of Work for Croyle II Well, Well House and Water Main

A. Schedule A: Croyle II Well

The Schedule A scope of work includes well drilling and setting a 100 HP well pump and drop pipe for a 1200 ft. deep Madison Aquifer well.

B. Schedule B: Croyle Well House

The Schedule B scope of work includes 24' x 30' well house structure, mechanical piping, instrumentation, electrical, controls wiring, HVAC systems, chemical feeds systems, automatic filter system, Multi-Media Filters, casework and related work.

C. Schedule C: Croyle Avenue Water Main, Site Work and Backwash Detention System

The Schedule C scope of work includes 2400 ft. of 8" water main, water services, fire hydrants, culverts, asphalt, erosion control, precast concrete tanks, detention chambers, restoration and related work.

The project property is within easements, public right of way or located on property owned by the Sanitary District. The well house property includes approximately 22 large existing pine trees and 2 medium sized trees on the property. The asphalt driveway will include 2 parking stalls with one of the stalls marked as handicapped accessible. The site will be fenced with a 6 ft. tall chain link fence surrounding the building as shown on the drawings. The fence location is a minimum of 25 ft. off the property lines.

The building will include black 12" address numbers (7804) on the front. The building will include lap board siding tan in color with brown asphalt shingles. The building elevation and details are shown in the plans. The setbacks and site plan are shown on Sheet A-5R and other locations described in the plans. The proposed site development

1660 Croyle Avenue
Rapid City, SD 57703

www.cetec-engineering.com



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covers less hardscape area than the previous use as a residential home lot and the drainage will not be modified. Fire hydrants will be added along Croyle Avenue and at the well house. The project plans are reviewed and approved by the South Dakota Department of Environment and Natural Resources. Please contact me if you have any questions.

Sincerely,
CETEC Engineering Services, Inc.

A handwritten signature in black ink, appearing to read "Ted Schultz", with a long, sweeping horizontal stroke extending to the right.

Ted F. Schultz, P.E.

cc: Jim Martin, Manager CPHSD