

Attachment A
Covelo Community Services District
Collection System and WWTP Improvements Project

Project Description

Collection System:

This portion of the project tackles several areas of the collection system that were not included in the most recent 2008 collection system upgrade, as well as some of the issues that were caused during the replacement of sections of the collection system in 2008. All three portions of the collection system that are included in this project have been specifically identified as areas with significant I&I by CCSD's operator using CCSD's televising equipment and visual inspection. The three areas include:

1: 510 linear feet (LF) of old ACP along Commercial Street, which was not replaced in 2008. This 510 LF section has been observed contributing approximately 40 gpm I&I into the collection system. Also, this 510 LF segment is without a midpoint manhole, prohibiting CCSD from televising this full segment. Thus, this project would replace the 510 LF of 8" ACP with 8" SDR-35, 4- 4" ACP laterals with 4" SDR-35 from the main to the property lines & add a manhole in the middle of the 510 LF segment.

2: 600 LF of sewer main on Commercial St, which was replaced during the 2008 upgrade. Unfortunately, the ROW portions of the laterals along this main were not replaced; recent inspections have concluded that approximately 40 gpm I&I is coming from these 60+ year old laterals. Thus, this project would replace 9- 4" ACP laterals with 4" SDR-35 from the mainline to the property lines.

3: East Lane (not replaced in 2008). A 217 LF portion of this East Lane sewer has been identified as contributing approximately 20 gpm I&I to the collection system. In addition to this segment, there are three manholes which exhibit significant I&I. Thus, this project would replace the 217 LF of 6" ACP with 6" SDR-35, 3- 4" ACP laterals with 4" SDR-35 main to property lines, replace one manhole and seal around the pipe penetrations on 2 of the other existing manholes.

Ozone Equipment Canopy and Solar:

During the last WWTP upgrade Ozone disinfection equipment was installed, however no sufficient protection for the equipment was included. This portion of the project will provide a canopy for protection of the Ozone equipment. On top of the canopy, solar panels will be installed to provide power for the electrical components of the WWTP.