

**BOULDER CREEK CSA #7 IMPROVEMENTS COMPLETED  
FISCAL YEAR 2002/03 AND 2003/04**

TREATMENT PLANT

Installed new filter feed pumps.  
Rebuilt both aeration blowers.  
Installed variable frequency drive to sand filter.  
Installed chart recorder to register plant flows and measurements for State reporting.  
Installed electronic level controls to Equalization tank.  
Started programmable logic circuitry integration with level controls and chart recorder.  
Installed new cat-walks and grating along the clarifier.  
Enlarged the storage area and placed it under cover.  
Installed butterfly and check valves on the waste line.  
Installed an alarm system on the comminutor.

PUMP STATION NO. 1

No improvements.

PUMP STATION NO. 2

Installed strainers on sewer main to prevent clogging of the pumps.  
Installed comminutor.  
Installed Turbidity Meter.  
Installed new pump controls and upgraded the electronics control panel.  
Installed an Omega alarm system with new telephone line.  
Installed a cover over the station.

PUMP STATION NO. 3

Rebuilt two pumps and installed one new pump motor, impellers on both, and new O ring seals.

PUMP STATION NO. 4

Installed a generator.  
Installed new stainless steel rails for pump removal (eliminating confined space entry).

PUMP STATION NO. 5

Performed pump repair in a confined space entry (requiring three additional people).