Parkville Water District
CANTERBURY TUNNEL REPAIR PROJECT

Project Description

The Project included the construction of a vertical bore, installation of a well pump station and 1.5 miles of 10 inch pipeline. The Project will allow the District to access water from the Canterbury Tunnel which provided a high quality and reliable water supply until the late 1990's. The tunnel was constructed during the late 1920's to provide mine drainage. In 1961, the District accessed the water at the portal and pumped it into the existing District's distribution system. The tunnel produced high quality groundwater at a constant rate and a year-round temperature of approximately 50 degrees. In 2003, a portion of tunnel collapsed. The project involved the installation of a vertical bore/well into the tunnel. A pump was installed to withdraw water from the tunnel and a pipeline was installed to convey the tunnel water to the Evans Gulch Reservoir. The pipeline connects into an existing District pipeline near Evans Gulch Reservoir.

Project Data

Sponsor: Parkville Water District **County:** Lake **Water Source:** Canterbury Tunnel

Terms of Loan: $1,838,200.00 for 3 years @ 4.00% **Substantial Completion:** February 1, 2013

Design Engineer: W. W. Wheeler, Englewood, CO

Contractor: Stan Miller, Inc., Breckenridge, CO

Project Elements: 250 foot vertical bore/well, well pump house and electrical equipment. 8,300 feet of 10-inch HDPE pipe.