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Innovative Onsite Wastewater Products and Services

Front Range Office: P.O. Box 1411, Conifer, CO 80433
Office: (303) 838-0611 Fax: (303) 838-4231

Western Slope Office: P.O. Box 4232, Basalt, CO 81621
Office: (970) 963-3742 Fax: (970) 963-3187

New Mexico Office: P.O. Box 3690, Corrales, NM 87048
Office: (505) 792-1200 Fax: (505) 792-8686

Sunnyside Elementary School

Many improvements were made to Sunnyside Elementary School in the summer of 2003. Among them was the addition of a new AdvanTex® wastewater treatment system.

A 1,500 gallon grease tank was installed to intercept fats, grease, and oils from the cafeteria flows. The grease tank effluent, and the waste stream from the school restrooms, flows through three 1,500 gallon septic tanks in series. The septic tank effluent flows to a 3,000 gallon recirculation tank.

A duplex pump system in the recirculation tank doses four AX20 units. After being treated, filtrate bi-passes the recirculation tank and flows to a dose chamber where another duplex pump system feeds a drain field installed in clayey soils.

Daily flows average 1,400 - 1,500 gallons per day while school is in operation.



Permitting Authority: San Juan Basin Health Department

Project Engineer: RG Consulting, Inc.

Installer: Hague Quality Water of 4 Corners

Operator: Hague Quality Water of 4 Corners