



Innovative Onsite Wastewater Products and Services

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Cornerstone Development

Ouray County, Colorado

*Alternative
Wastewater
Systems*

*Product
Distribution*

*Product
Support*

*Installation
Assistance*

*Onsite
Management
Services*

*Maintenance
Contracts*

*Effluent
Sampling*

Project Summary:

Installation / Start-up Date: June 2007

Description: Recirculating Sand Filter

Design Flow: 20,000 GPD

Project Engineer: Buckhorn Geotech

Installer: Integrated Water Solutions

Operator: Bob Lam

Permitting Authority: CO Dept. of Health



System Summary:

Collection System:

- Gravity Sewer to large septic tanks

Treatment Systems:

- Two 25,000-gallon Xerxes® septic tanks
- 22,000-gallon Xerxes® recirculation tank
- 4,000 ft² Recirculating Sand Filter
- Bag Filters and chlorination system

Dispersal System:

- Treated effluent flows to a storage pond where it blends with other irrigation water sources. It is then used for spray irrigating the golf course.

Dedicated to Improving the Performance of Onsite Wastewater Systems