



Innovative Onsite Wastewater Products and Services

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*Alternative
Wastewater
Systems*

*Product
Distribution*

*Product
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*Installation
Assistance*

*Onsite
Management
Services*

*Maintenance
Contracts*

*Effluent
Sampling*

Blue Creek Ranch

Carbondale, Colorado

Project Summary:

Installation / Start-up Date: January 2004

Description: Effluent Sewer and Recirculating Sand Filter

Design Flow: 20,000 GPD

Project Engineer: CHURCH OWC, Inc.

Installer: Gould Construction, Inc.

Operator: Zancanella & Associates

Permitting Authority: CO Dept. of Health



System Summary:

Collection System:

- Small diameter effluent sewer with 52 Septic Tank Effluent Pumping or Gravity (STEP or STEG) system connections.

Treatment System:

- 13,000-gallon Xerxes[®] recirculation tank
- 4,000 Sq. Ft. Sand Filter
- 1,500-gallon Xerxes dosing tank
- Two Sanitron[™] UV disinfection units
- Orenco[®] TCOM telemetry control panel

Dispersal System:

- Surface Discharge to the Roaring Fork River

Dedicated to Improving the Performance of Onsite Wastewater Systems