



## *Innovative Onsite Wastewater Products and Services*

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# Blue Creek Ranch

*Carbondale, Colorado*

## **Project Summary:**

**Installation / Start-up Date:** December 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<sup>®</sup> recirculation tank
- 4,000 Sq. Ft. Sand Filter
- 1,500-gallon Xerxes dosing tank
- Two Sanitron<sup>™</sup> UV disinfection units
- Orenco<sup>®</sup> TCOM telemetry control panel

### **Dispersal System:**

- Surface Discharge to the Roaring Fork River

*Dedicated to Improving the Performance of Onsite Wastewater Systems*