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## *Innovative Onsite Wastewater Products and Services*

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*Alternative  
Wastewater  
Systems*

*Product  
Distribution*

*Product  
Support*

*Installation  
Assistance*

*Onsite  
Management  
Services*

*Maintenance  
Contracts*

*Effluent  
Sampling*

# Kanakuk Youth Camp

*Bayfield, Colorado*

## **Project Summary:**

**Installation / Start-up Date:** May 2000

**Description:** Recirculating Sand Filter w/ surface discharge

**Design Flow:** 20,000 GPD

**Project Engineer:** CHURCH & Associates

**Installer:** Mountain States Constructors

**Operator:** Rio Vista Water

**Permitting Authority:** CO Dept. of Health



## **System Summary:**

### **Collection System:**

- Gravity sewer to sewage lift station, which pumps to an onsite septic tank.

### **Treatment System:**

- 25,000-gallon Xerxes<sup>®</sup> septic tank
- 15,000-gallon Xerxes<sup>®</sup> recirculation tank
- 4000 ft<sup>2</sup> Sand Filter
- Two Sanitron<sup>™</sup> UV disinfection lights
- Orenco<sup>®</sup> MVP control panel

### **Dispersal System:**

- Surface Discharge to the Los Pinos River

*Dedicated to Improving the Performance of Onsite Wastewater Systems*