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#### Innovative Onsite Wastewater Products and Services

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Alternative Wastewater Systems

# Ponderosa Retreat

Larkspur, Colorado

Product Distribution

Product

Support

**Project Summary:** 

Installation / Start-up Date: September 2005

**Description:** Effluent Sewer and Recirculating Sand Filter

**Design Flow:** 30,000 GPD **Project Engineer:** TST, Inc.

Installer: Friedland Construction, Inc.

Operator: AquaTest

Permitting Authority: CO Dept. of Health



Installation Assistance

Onsite Management Services

Maintenance Contracts



## **System Summary:**

#### **Collection System:**

Centrally located septic tanks and an effluent sewer

#### **Treatment System:**

- 40,000-gallon Xerxes® septic tank
- 35,000-gallon Xerxes® septic tank
- 30,000-gallon Xerxes® recirculation tank
- 6,000 ft<sup>2</sup> Sand Filter
- Chlorine Disinfection
- Orenco<sup>®</sup> MVP control panel

### **Dispersal System:**

 Gravity flow to storage pond, then surface irrigation on hay fields.

Effluent Sampling