

Mission

We strive to create high quality, timely, environmentally conscious and cost-effective engineering solutions.

Septic Services

- Site Evaluation
- Soils Evaluation
- Percolation Testing
- Water Sampling
- Septic System Design
- Technical Drawings & Calculations
- Non-Degradation Analysis
- Report & Permitting
- State DEQ Sanitary Review
- Project Construction Oversight
- System Certification
- As-Built Drawings



"Squirt Test"

Facilities

The Redleaf Consulting, PLLC office is located on the 2nd floor of the Health and Fitness Building in Big Sky, MT. This building was recently completed and awarded LEED Gold Certification!



Redleaf Consulting, PLLC performed the whole building energy simulation and the Heating, Ventilation, and Air Conditioning design for this building. Heating and cooling are provided via ground source heat pumps that capture free energy from the Big Sky Sewer and Water District treatment plant ponds. The simulations show that this building's energy cost/consumption is 45.8% less annually than a standard baseline building! Please stop by anytime and we'd be happy to give you a tour.



Redleaf Consulting, PLLC

32 Market Place, Ste 4
P.O. Box 161085
Big Sky, MT 59716-1085

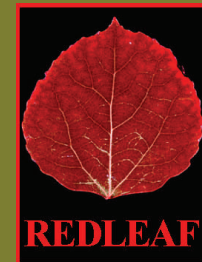
Phone: 406-995-2996
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E-mail: philipk@redleaf-consulting.com
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Redleaf Consulting, PLLC

Effective Engineering Solutions

► Sanitary Sewer System Design Services

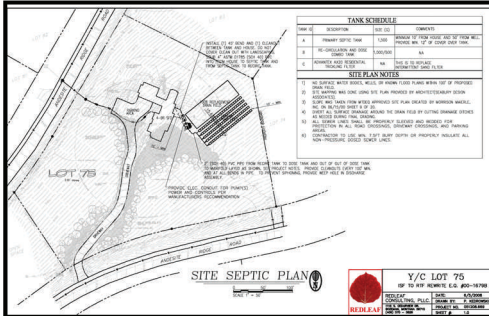


Tel: 406-995-2996



Sanitary Sewer System Design Services

Residential & Commercial



Residential Septic System Site Plan

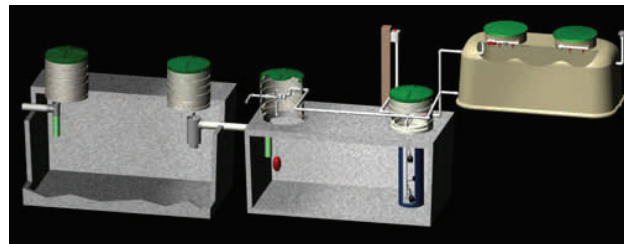
Redleaf offers complete site evaluation and sewer system design and permitting services. With a licensed Professional Engineer (PE) and a Registered Site Evaluator, Redleaf can perform all types of on-site sewer system evaluation and design.



Commercial Septic System
Elevated Sand Mound Drainfield

Advanced Treatment

Many environmentally-sensitive locations in Montana require additional treatment of sewage effluent. These environmentally-sensitive places may include areas near surface water, areas on steep slopes, areas with high ground water, and areas with limited drainfield accommodations. Redleaf can help you identify whether your project is in an area that requires additional treatment and which treatment options are most suitable for your site.



Typical Residential Advanced Treatment System Layout

Certified Quanics® Dealer

Redleaf was chosen as the certified dealer for Quanics AeroCell® and Bio-COIR® advanced treatment systems. Should your site require advanced treatment, Redleaf can help you determine the design and pricing for your system.



Subdivisions & Lodges

Redleaf is qualified to design and permit large multi-user sanitary sewer systems. In addition to new multi-user designs, Redleaf has experience with updating older systems that are not meeting Department of Environmental Quality (DEQ) standards.



Large Multi-User Advanced Treatment System

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