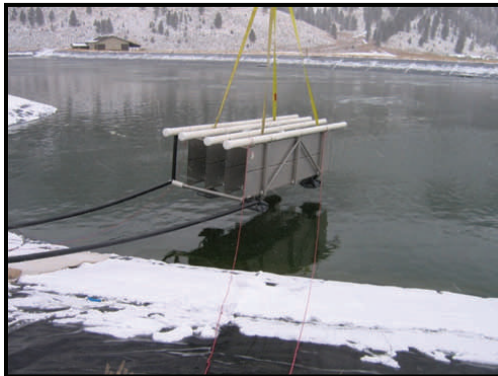


## Mission

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

## Environmental Services

- LEED-AP Consulting
- Bio-COIR Septic Treatment
- eQuest Energy Modeling
- Mechanical Design
- Geothermal Design
- Storm Water Pollution Prevention
- EPA Spill Control & Countermeasure
- Storm Water
- Flood Studies—HEC RAS



Lake plate heat exchangers placed in Big Sky Sewer and Water District pond for Geothermal heating and cooling

## 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

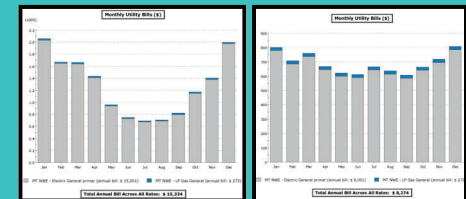
Phone: 406-995-2996  
Fax: 800-521-4840  
E-mail: [philipk@redleaf-consulting.com](mailto:philipk@redleaf-consulting.com)  
[www.redleaf-consulting.com](http://www.redleaf-consulting.com)



**Redleaf Consulting, PLLC**

*Effective Engineering Solutions*

## ► Sustainable & Environmental Engineering Services



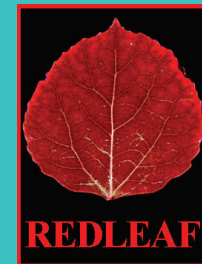
Baseline Annual

Cost = \$15K

Proposed Annual

Cost = \$8K

How much will your building operating expenses be?



**Tel: 406-995-2996**



# Sustainable and Environmental Engineering Services

## LEED Accredited Professional

**Redleaf** has Leadership in Energy and Environmental Design Accredited Professional (LEED-AP) credentials. LEED is a green building rating and third-party certification system. LEED was developed by the United States Green Building Council (USGBC) and it is the nationally accepted benchmark for the design, construction, and operation of high performance green buildings.



**Redleaf** will help you navigate the LEED process and strategize your building based on project-specific criteria including budget, site plan, ambient conditions, geology, etc. No green building is exactly the same and Redleaf can help you determine the most effective route to certification for your specific project.

## Environmental Services

**Redleaf** writes and certifies Spill Prevention, Control, and Countermeasure (SPCC) plans for fuel facilities. The Environmental Protection Agency (EPA) requires SPCC plans for any facility storing fuels in quantities of 1,320g or more in

Aboveground Storage Tanks (AST).



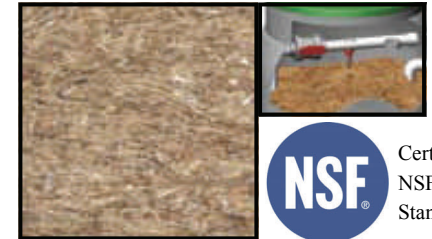
Bulk Fuel Facility w/ Loading Dock



Double Walled Storage Tank

**Redleaf** may also be able to help you with other environmental needs. Please inquire if you have an environmental concern at your facility.

## Sanitary Sewer Treatment



**Redleaf** is a certified dealer for AeroCell® and Bio-COIR® advanced sewer treatment systems. The Bio-COIR® system implements a Coir Media. Coir is a generic name for the fibers that constitute the thick mesocarp, or husk, of the coconut fruit. The high lignin content of these fibers results in a more durable material that is slow to degrade and assures that excellent water/air ratio is maintained over a long period of time. This renewable resource has been proven to effectively treat wastewater to secondary levels.

### Redleaf Consulting, PLLC

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