

**We have the expertise
to see your project
through...**



1

Site inspection



2

System construction



3

Transportation



4

Installation

TESTIMONIALS

Working with Lifewater Engineering has been extraordinary. Bob Tsigonis and his staff are exceptional in their ability and willingness to go the extra mile and provide the best product and service possible. It is rare that one can say they are completely satisfied with any service or product but I have no hesitation in saying that Doyon Tourism, Inc. is in fact 100% satisfied with Lifewater Engineering!

Marie Monroe,
General Manager
Doyon Tourism, Inc.
Denali, AK



Lifewater Engineering Co. designed and built a skid-mounted Extreme5TP™ specifically for our needs. It has functioned flawlessly and is suited for our solar powered system as well. The Extreme5TP™ was the perfect solution since the terrain did not allow a traditional system to be easily installed.

Greg LaHale, Owner & Chief Pilot
Kantishna Air Taxi and Skyline Lodge,
Kantishna, Alaska



Skyline Lodge



Install anywhere



Environmentally safe



Operate at -60°F



Serve any facility



LIFEWATER ENGINEERING COMPANY

We treat wastewater well

Lifewater Engineering Company
offers wastewater treatment
systems ranging from *greywater*
applications to *full package sewage*
treatment plants that can handle
thousands of gallons per day.

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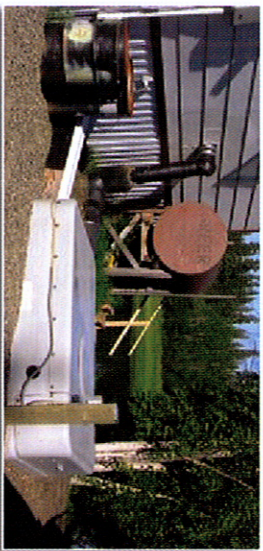
**Specializing in cold climate
wastewater treatment**

RESIDENTIAL

Home / Village

Got permafrost? High groundwater? Poor soils?

If you are tired of your septic system and leach field failing, or if you want to have the right system the first time around, an **ExtremeSTIP™** sewage treatment plant is right for you!



Highlights of the ExtremeSTIP™ package sewage treatment plant include:

- Simple design with a Bio-Microbics® Fixed Activated Sludge Treatment (FAST®) unit
- Easy installation above or below the ground surface
- Smooth operation even at -60°F
- Minimal maintenance with only two moving parts

ExtremeSTIP™ sewage treatment plants are available as an above ground system or a below ground system. Models are selected based on the size of the home and whether you haul water or have a well (or piped water).

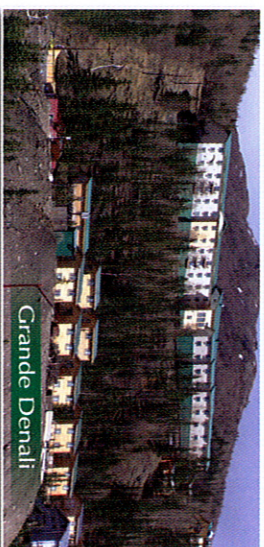
COMMERCIAL

Hotel

Looking for a sewage treatment system that can handle high rates of flow that occur irregularly, based on your visitor base?

We can provide sewage treatment systems for your hotel or tourist destination. We provide the option of year-round operation or summer-only operation, with remote monitoring and control options available.

Our systems have been successfully implemented at several locations in and near Denali National Park.



Camp

Need a system that will work for your company even at the most remote locations?



Options include:

- Membrane bioreactor (MBR) sewage treatment plants to treat all sewage (blackwater and greywater)
- Sludge bagger systems to dispose of sludge without requiring a pump truck
- Remote monitoring and control of the system to ensure proper operation
- Modular greywater systems to treat kitchen, shower, and urine only (no toilet waste)

The MBR sewage treatment plants have been designed to fit into a series of 20 or 40 foot containers, with the size of the camp determining the number of containers and membranes required.

Our systems can be configured to meet your transportation requirements. Our designs range from human transportable systems that can be carried across the tundra to full containerized systems that are transported via Hercules aircraft.



RECREATIONAL

Cabin

Transform a dry cabin into a home with a shower and indoor toilet, using our greywater treatment system!

Our system can process greywater from:

- Kitchen sink
- Shower
- Washing machine
- Waterless toilet (urine only)

This greywater system provides a cost-effective and environmentally friendly alternative to slop buckets, with the option of taking showers and doing laundry at home so you no longer have to spend hours at the laundromat.

An easy to use, odorless and clean, waterless toilet is also available from Lifewater Engineering Company.



*from dirty
to clean...*

