

## Camps – Hiking, Fishing and Hunting (Outfitters), Work

Camps are typically temporary facilities located near to intended activity in relatively remote circumstances away from modern amenities. The camps are intended to provide protected lodging, food preparation, personal security and security for possessions. Camps may be used for several days to several months.

One of the essentials for successful camp operation is an adequate supply of water safe for drinking, food preparation and basic hygiene. Water from local streams, lakes, springs, etc. may be biologically contaminated with parasites such as giardia or cryptosporidium and on occasion bacteria and viruses, and also may be quite turbid. The degree of potential contamination is a function of the intensity of human and animal activity in the vicinity. While once not a great concern biological contamination is now considered normal. Turbidity will not affect health but does affect aesthetics and the utility of the water supply for food preparation and personal hygiene.

One individual may require up to 10 litres of safe water per day. Camps that support several individuals may require considerable quantities of safe water. A five-person camp would require 50 litres per day just for drinking, food preparation and basic hygiene. If the camp is accessed using pack animals or by foot, the ability to bring water in, bottled or otherwise, can be very difficult. Bringing water in by plane is very expensive. One litre of water weighs one kilogram (2.2 pounds).

The need to treat water on-site is evident. Treatment technologies from camping supply stores or department stores typically do not supply sufficient safe water or the treatment technology is suspect, produces insufficient water or is not appropriate for the quality of water being treated. Treatment systems appropriate for urban use will not function well. They may plug off quickly requiring frequent maintenance that ultimately compromises their effectiveness.

How can the **CABIN** 'Clean Water Filter' help?

- One **CABIN** 'Clean Water Filter' weighs 15 kg or 30 pounds – about the weight of 15 litres of water. A single filter can produce 12 litres per hour and easily treat water to meet camp requirements. Larger camps may require more than one filter.
- The **CABIN** 'Clean Water Filter' can treat virtually any surface water that would normally be encountered to a safe water condition.

Advantages of the **CABIN** 'Clean Water Filter' include:

- Proven technology.
- Production of large amounts of safe water in a short time period.
- Compact and light weight.



- Rugged.
- Portable.
- Easy to decommission and recommission as often as required without replacement of media or any other filter components.
- Simple to use and maintain correctly.
- Can be frozen, thawed, recommissioned and used to treat water.
- Lifetime purchase.
- Very little or no maintenance.
- No chemicals.
- No need for electricity.
- Inexpensive.

