



Potable Water Substation:
Dual 6,000 liter storage tanks to allow for settling & pre-treatment (mechanical filtration). Duplex pumps to transfer raw water uphill to "BLUE 40" treatment unit.

Potable water supply to storage tank for kitchen & dining facility.

10,000 liter grease trap to pre-treat sewage from kitchen/dining facility

Below ground, pressurized effluent disposal field as per authority having jurisdiction.

"BLUE 40" Treatment Unit:
12,000 liter raw water storage tanks, membrane filtration system (as per NSF 42 and 53), chlorination system, 12,000 liter treated water storage tanks, UV disinfection system (as per NSF 55 Class A) & duplex pumping system.

Two "WTS 10,000" wastewater treatment units. Combined multi chamber septic tank capacity of 40,000 liters. Combined daily throughput capacity of 20,000 liters of sewage. Treated effluent discharged to pressurized, below ground disposal field.

Distance from raw water source (river) to substation is approx. 800 feet. Power and on/off control to water intake pump are supplied by substation.

Potable water supply lines & connection to accommodation units.

Wastewater collection tanks and pressure system to treatment units.

Aerial view (2009) of Work-Camp in BC. Potable Water Treatment System and all Wastewater Treatment System components supplied, installed & serviced by Waste Treatment Solutions