ASPEN 1800 PORTABLE WATER PURIFICATION UNIT

Available to support Unified Command Operations on Alaska’s Road System

To request contact Alaska State Emergency Operations Center (SEOC) @ 907-428-7100

Water Purification
- Treats non-saline water sources including ponds, lakes and rivers - delivering potable water
- Purifies up to 1800 Gallons a day
- 75 gallons per hour
- 1.25 gallons per minute
- 2 stage filtration with UV lamp system
- Self-priming at up to 12’ draw
- 22 to 45 psi treated water discharge pressure
- Treats 7,500 gallons prior to filter replacement

Requirements
- Transported in 2 – 4’ X 4’ X 14” pelican style cases
  - 1 case for purification unit (68 lbs.)
  - 1 case for extended use filter supplies (50 lbs.)
- 110 volt power source with 12 volt air transportable batteries
ASPEN 2000 DM
REVERSE OSMOSIS PORTABLE
WATER PURIFICATION UNIT

AVAILABLE TO SUPPORT WATER SUPPLY NEEDS ON REMOTE INCIDENTS
TO REQUEST CONTACT ALASKA STATE EMERGENCY OPERATIONS CENTER (SEOC) @ 907-428-7100

WATER PURIFICATION

- Treats non-saline to heavy sea (salt) water sources, including ponds, lakes, rivers, saltwater - delivering potable water
- Purifies up to 2000 gallons a day / 80 gallons an hour in brackish water to 1000 gallons per day / 40 gallons an hour in heavy salt water
- 3 stage filtration with reverse osmosis and UV lamp system
- Working pressure up to 1000 psi for heavy salt water conditions
- Self-priming at up to 15’ lift
- 22 to 55 psi treated water discharge pressure

REQUIREMENTS

- Transported in 2 – 44” X 17” X 29” pelican style cases
  - 1 case for purification unit (420 lbs.)
  - 1 case for extend use filter supplies (100 lbs.)
- 110 volt power source with 12 volt air transportable battery.
ASPEN 5500 M PORTABLE WATER PURIFICATION UNIT

WATER PURIFICATION

- Treats non-saline water sources, including ponds, lakes and rivers - delivering potable water
- Purifies up to 5500 gallons a day
- 170 gallons per hour
- 2 stage filtration with UV lamp system
- Self-priming at up to 12’ draw
- 22 to 55 psi treated water discharge pressure
- Treats 50,000 gallons prior to filter replacement

REQUIREMENTS

- Transported in 2 – 44” X 17” X 29” pelican style cases
  - 1 case for purification unit (200 lbs.)
  - 1 case for extend use filter supplies (100 lbs.)
- 110 volt power source with 12 volt air transportable battery.

AVAILABLE TO SUPPORT WATER SUPPLY NEEDS ON REMOTE INCIDENTS

TO REQUEST CONTACT ALASKA STATE EMERGENCY OPERATIONS CENTER (SEOC) @ 907-428-7100
COLD WEATHER TRAILER TOWABLE GENERATORS

Generators
- Hi Power Diesel Generators
- Portable - Trailer Towable

Power Sizes and Number Available
- 60 KW (2)
- 75 KW (2)
- 90KW (2)
- 145 KW (3)
- 175 KW (3)

Available to provide emergency power generation
To request contact Alaska State Emergency Operations Center (SEOC) @ 907-428-7100
**MOBILE EMERGENCY OPERATIONS CENTER (MEOC)**

**COMMAND CENTER CAPABILITIES**
- 10 workstations with laptops computers
- High Speed satellite system; supports video conferencing, VOIP phones, Wi-Fi internet.
- Self-erecting/self-orienting satellite system.
- 16 Voice Over Internet Protocol (VOIP) telephones via satellite.
- Receive and record analog and digital broadcast television.
- External tower mounted high resolution color video camera with full remote control optical and digital zoom
- Multiple video screens and external video capability.

**VEHICLE**
- 45 foot length / 41,000 lbs. loaded
- Two 12.5 KW Generators – 3 day on board fuel supply (diesel)
- Lights, siren, public address, external lighting

**DISPATCH CENTER CAPABILITIES**
- Four computer aided dispatch positions utilizing Telex C-Soft software with full patch capability
- Dispatch headsets, boom microphones and foot switches
- Panel Mounted Radios:
  - ALMR (4)
  - Conventional VHF (2)
  - High and Low UHF
  - 700/800 MHz (AWARN)
  - Marine
  - VHF AM aircraft
  - ARES capable amateur
  - Citizens Band
- Deployable ALMR portable radio cache
- 24 inch map plotter
- Printer/fax/copier, Fax/copier.
- Refrigerator, microwave, coffee pot

**AVAILABLE TO SUPPORT UNIFIED COMMAND OPERATIONS ON ALASKA’S ROAD SYSTEM**

**TO REQUEST CONTACT ALASKA STATE EMERGENCY OPERATIONS CENTER (SEOC) @ 907-428-7100**
**SATELLITE COMMUNICATIONS**
- Satellite system; supports VOIP phones, Wi-Fi internet.
- Self-erecting/self-orienting satellite system.
- Onboard laptop computer

**TRAILER**
- Transportable by, Vehicle, ATV, Smaller fixed wind aircraft, Helicopter Sling-loaded
- Weight: 1,800 lbs
- Length: 196”L X 72” W X 105” H (with antenna mounted) 156”X72”X90” (without)
- Generators (2) capable of fully powering RapidCom - Dual Fuel (gasoline/propane)
- Weatherization for operation from -30 F to +90 F.

**RADIO SYSTEM**
- Panel Mounted Radios:
  - ALMR (2)
  - Conventional VHF
  - High and Low UHF
  - 700/800 MHz (AWARN)
  - Marine
  - VHF AM aircraft
  - Citizens Band
- Radio Interoperability Patching System (ACU 1000)
- Deployable Portable Radio Cache
  - 6 ALMR Astro XTS 2500 Radios
  - 6 Radio Gang Charger
  - 18 Portable Radio Batteries

**AVAILABLE TO SUPPORT MULTI-CHANNEL COMMUNICATIONS ON REMOTE INCIDENTS**

*TO REQUEST CONTACT ALASKA STATE EMERGENCY OPERATIONS CENTER (SEOC) @ 907-428-7100*