



## MoVap: Mobile Water Distillation System

MoVap provides a mobile solution to treat flowback water on-site at the well pad area to yield an ultra clean water with total dissolved solids (TDS) less than 500 ppm which enables recycle and reuse without the need for costly trucking to off-site treatment facilities and enables the reduction of wastewater volumes for further reduced costs for disposal.

### Process Operating Conditions

Process Inlet Fluid	MoVap Feed Water (Note 1)
Rated Flow Rate	30 - 50 gpm
Allowable Inlet TSS @ Normal Flow	< 50 ppm
Inlet Operating Temperature	40° - 100 °F

### Performance

Distillate Water Flow	20 - 25 gpm
Distillate Water Quality	Clean water, < 500 ppm TDS
Discharge Concentrate Flow	20 - 25 gpm
Discharge Concentrate Quality	Up to 24% TDS, < 50ppm TSS

Note 1: Water has been processed by MoTreat and MoFeed to yield service conditions:  
pH = 5.0 - 8.0; chlorides = 25,000 - 100,000 ppm; TDS = 5 - 12%; TSS < 50 ppm.

Options are available which include MoPress, a mobile filter press, a generator to power MoTreat, and frac tanks to accommodate and expand your water storage capacities.



Reliable. Sustainable. Adaptable.

- Ultra clean water < 500ppm TDS
- Reduced wastewater volumes
- Treated water meets PA DEP regulations
- Minimizes down-hole scaling concerns