• Standard Forward Operating Base or Disaster Relief capacity of 3,000 GPD
  • 1,000 GPD of latrine blackwater and 2,000 GPD of grey water
  • MilSpec Tricon 8’ x 8’ x 6.5’ container
  • Capacities available up to 150,000 GPD in 40’ ISO containers

• System Processes utilize
  • Primary Clarifier
  • Moving Bed Biological Reactor
  • UF Membrane Bioreactor
  • Ultraviolet Light Disinfection
  • Chlorine Disinfection

• Tertiary Effluent is suitable for feed water to an RO Membrane
• PLC based control panel provides automatic operation
• No supplemental feeding to maintain biology (includes a Biological Sustainment Program in PLC).
- Designed to integrate with typical Tricon based latrine kits; easily adapted so as to connect to and treat other blackwater sources.
- Sets up and commissions in less than one hour with simple hand tools
- Peak power demand of 1.3 Kw from portable military generator.
- Typical daily maintenance includes a five minute walk around and visual inspection every 12-hours.
- No specialized wastewater operator training required.
- Quiet operation—less than 60 dB at 10 feet.
- Includes 3000 gallon sludge storage bladder with flex hose kit.
- Includes mission critical spare parts and basic hand tool kit.
- Ship Weight (empty): 6,800 lbs
- NOTE: US Army Public Health Command evaluated and tested the EWRS effluent performance and has issued its approval of this system configuration for use by USDOD