

H2FLOW

E Q U I P M E N T I N C .

DISSOLVED AIR FLOTATION **PILOT UNIT**

The pilot unit comes skid-mounted, on a flatbed trailer, 6ft wide by 15ft long, weighing approximately 2500Kg, designed to treat up to 75 liters per minute (20 US gallons per minute).

System comes complete with:

- Influent feed (sump) pump
- Chemical mix and feed systems:
 - Coagulant metering pump
 - Flocculant metering pump
 - Multiple optional injection points
- pH adjustment and control system:
 - Acid metering pump
 - Caustic metering pump
 - pH controllers with probes
- Pipe Flocculator for chemical mixing and reaction retention time
- Stainless Steel DAF clarifier unit
- Air saturating recirculation pump
- Top sludge raking system with adjustable speed control
- Bottom sediment discharge pneumatic valve
- Control panel with PLC for manual or complete automatic operation
- Sludge pump (air diaphragm type)
- Sludge storage tank (sludge generation measurement)



Utilities for system operation: 600V 30Amps power supply and a compressed air source. Clean water source for washdown and polymer makeup. Also available w/ 480V power feed.

***Contact H2Flow Equipment for further details or rental information
Tel: (905) 660-9775 or info@h2flow.com***