



RapiSand™ Ballasted Flocculation Pilot

The WesTech RapiSand Ballasted Flocculation System pilot tests the effectiveness of ballasted clarification combining rapid mixing and multi-stage flocculation, followed by sedimentation.

RapiSand pilot plant includes:

- An onboard chemical feed system complete with PLC for data logging and operation of pilot.
- A full lab for bench scale and on-site testing to help determine chemical dosing, filter run lengths, adsorption clarifier run lengths, production efficiency, and contaminant removal.
- Submersible inlet pump
- 150' power cable

Pilot Applications

- Municipal surface water
- Municipal groundwater
- Industrial process & wastewater
- Backwash wastewater recovery
- Common contaminant removal:
As, color, Fe, Mn, PO₄, TOC,
TSS, turbidity, etc.

Contact WesTech today to implement a pilot test at your facility. Our responsive engineering team will help facilitate scheduling and pilot setup of the RapiSand pilot plant.

Pilot Specifications	
Flow Rate	80 gpm
Operating Dimensions	12' W x 60' L x 15' H
Operating Weight	45,000 Pounds
Power Requirements	460 V, 80 amp, 3 ph, 60 hz
Connection Sizes	4" Raw Water Inlet 6" Outlet 3/4" Potable Water Inlet
Operational Control	Manual/Automatic

Represented by: