



# Dual-Column Filtration Pilot

## Pilot Plant 25B

The dual-column filtration pilot plant is designed to test the effectiveness of turbidity removal for various flow rates and filter media selections. The effectiveness of the MULTIWASH® process can be demonstrated with filter media cleanliness tests.

### The 25B Pilot Plant includes:

- Two gravity filter columns with varying media capabilities
- Air compressor
- MULTIWASH backwash capabilities
- Variable detention
- Service and backwash pump
- Chemical feed equipment
- Instrumentation to monitor: filter rate, filter head, feed flow, backwash flow, airwash flow and turbidity
- Control panel with manual controls and data logging capabilities

### Pilot Applications

- Municipal water
- Industrial water
- Wastewaters
- Common contaminant removal: As, color, Fe, Mn, 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 dual-column filtration pilot plant.

| Pilot Specifications |                                            |
|----------------------|--------------------------------------------|
| Flow Rate            | 1 to 2 gpm                                 |
| Operating Dimensions | 8' L x 6' W x 18' H                        |
| Operating Weight     | 2,000 Pounds                               |
| Power Requirements   | 120 V, 30 amp, 1 ph, 60 hz                 |
| Connection Sizes     | 2" Camlock Inlet<br>2" Camlock Outlet      |
| Operational Control  | Manual Backwash,<br>Automatic Data Logging |

Represented by: