

## Brightwater Out of Spec Reclaimed Water Operation Divert to Drain

The Brightwater Reclaimed Water Distribution system is set up with automated controls which prevent off-spec RW from being delivered to customers.

Control Strategy for the following parameters:

1. Turbidity: measured at Brightwater Membrane Effluent Box, if out of spec, distribution system at IPS closes
2. pH: measured at Influent Pump Station (IPS), if out of spec, distribution valve at IPS closes and off spec RW is diverted to sewer.
3. Chlorine Residual: measured at
  - a. Influent Pump Station, if out of spec, distribution valve at IPS closes and off spec RW is diverted to sewer.
  - b. York Pump Station, if out of spec, distribution valve at York closes and off spec RW is diverted to sewer.