



# WATER/WASTE WATER PRODUCTS & SOLUTIONS

BBP is a manufacturer's representative and distributor of process instrumentation, valves, analytical products and control systems for the Water and Wastewater Industry in the Southeast region.

# WHO WE ARE ▶

BBP is a manufacturer's representative, distributor, and full system integrator with a PLC and controls engineering division. We have field support for installs, startups, troubleshooting, and calibrations. Our team has over 30 years of expertise in water and wastewater process instrumentation, valves, analytical products, and control systems experience in the Southeast region. As an organization, we uphold the values of like, trust, and commitment to our customers.

Through personalized attention and superior responsiveness, we take pride in being a company our customers like to do business with. We gain trust by providing our customers with vast product knowledge and by meeting expectations. By working with our customers to develop customized solutions, we demonstrate our commitment to their success.



## MANUFACTURERS WE REPRESENT

### Instruments



- ▶ Fixed Gas Detection Systems for Combustible and Toxic Gases including H<sub>2</sub>S, Chlorine, Methane, and O<sub>2</sub>



- ▶ Connectivity Process Wiring
- ▶ Control and Programmable Gateways
  - ▶ Signal Transmitters
  - ▶ Isolators
  - ▶ Converters
- ▶ TURCK Interface Technology



- ▶ Thermal Mass Flow Meters
  - ▶ Aeration Air Flow
  - ▶ Digester Gas
- ▶ Ozone Measurement



- ▶ Modern Platform for SCADA & IIoT, Real-Time Monitoring, Reporting, Alerting & Alarming, Process Control & Tracking Asset Performance



- ▶ Water Quality Analyzers for pH, ORP, Chlorine, DO, Conductivity & Ammonia

### Valves



- ▶ AWWA Valves
- ▶ Industrial Valves



- ▶ Liquid & Bulk Solids Radar Transmitters for Chemical Tanks, Lift Stations, Wells, Open Channel Flow, Digesters, Sludge Silos



- ▶ Wireless Input/Output (I/O)
- ▶ Industrial Wireless Gateways
- ▶ Industrial Wireless Modems
  - ▶ Environmental
  - ▶ Wired Networking



- ▶ Bi-Metal Thermometers
- ▶ Pressure Gauges
- ▶ Diaphragm Seals
- ▶ Isolation Ring Flow Thru Seals



- ▶ Pressure Transducers
- ▶ Pressure Switches
- ▶ Float Switches
- ▶ Flow Meters
- ▶ Flow Switches
- ▶ Water Meters
- ▶ Magnetic Level Gauges



- ▶ Forward-Acting Rupture Disk System
- ▶ Reverse-Acting Rupture Disk System



- ▶ High Quality Ball Valves
- ▶ Butterfly Valves
- ▶ Automation



- ▶ Flowmeters
- ▶ Chart Recorders
- ▶ Data Logging
- ▶ DP Transmitters
  - ▶ Wireless
- ▶ Pressure Transmitters
- ▶ Liquid Analytical



- ▶ Wireless Telemetry for Sensing & Monitoring
- ▶ Solar Powered Solutions
- ▶ Long Range Nodes
- ▶ HART®, Modbus, Digital & Analog



- ▶ Portable Ultrasonic Flowmeters
- ▶ Clamp-On Ultrasonic Flowmeters



- ▶ Analytical Instruments for Effluent, Chlorine, Conductivity, DO, pH & Turbidity



- ▶ Verabar Flow Measurement
- ▶ Accelabar Flow Measurement

# WHAT WE DO ▶

BBP is a multifaceted, full-service provider of instrumentation, analytical, valves, and control elements. Read the table below to learn more about the comprehensive offerings of our product portfolio below.



## ANALYTICAL

- pH/ORP
- Conductivity
- Dissolved Oxygen
- Turbidity
- Chlorine
- Ammonia



## PROCESS AUTOMATION

- DCS, PLC, and SCADA Systems
- Remote Monitoring, Control, and Alerting
- UL Certified 508A Panel Shop
- Start Up and Commissioning Services
- Wireless Telemetry
- Data Acquisition



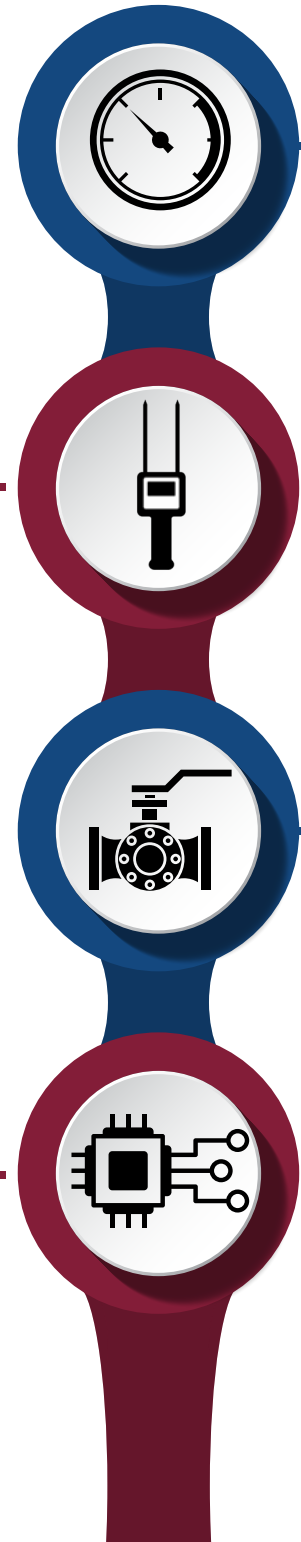
## INSTRUMENTATION

- Level
- Pressure
- Flow
- Temperature
- Combustible & Toxic Gas Detection
- Calibration Services



## VALVE AUTOMATION

- AWWA Butterfly Valves
- AWWA Eccentric Plug Valves
- AWWA Gate valves
- Control Valves
- Actuators
- Positioners



# KEY APPLICATION EXAMPLES

- 1 Magnetic Flow Meters
- 2 DP Pressure Transmitters
- 3 AWWA Standard and NSF 61 Certified Valves, provided by BBP
- 4 pH/ORP Analyzers for Wastewater
- 5 Turn-Key Wireless SCADA systems for remote operations like lift stations and pump stations
- 6 AWWA Butterfly Valves for water systems
- 7 Combustible and Toxic Gas Detection - H2S, Chlorine, Methane, and O2
- 8 AWWA Butterfly Valve with positoner and web-based valve control
- 9 AWWA Eccentric Plug valves for all water & wastewater applications
- 10 Through Air Radar Level transmitters for lift stations, chemical tanks, open channel flow, digesters, and lime Silos

# TURN-KEY SOLUTION EXAMPLE

## IOT SOLUTION SCADA SYSTEM

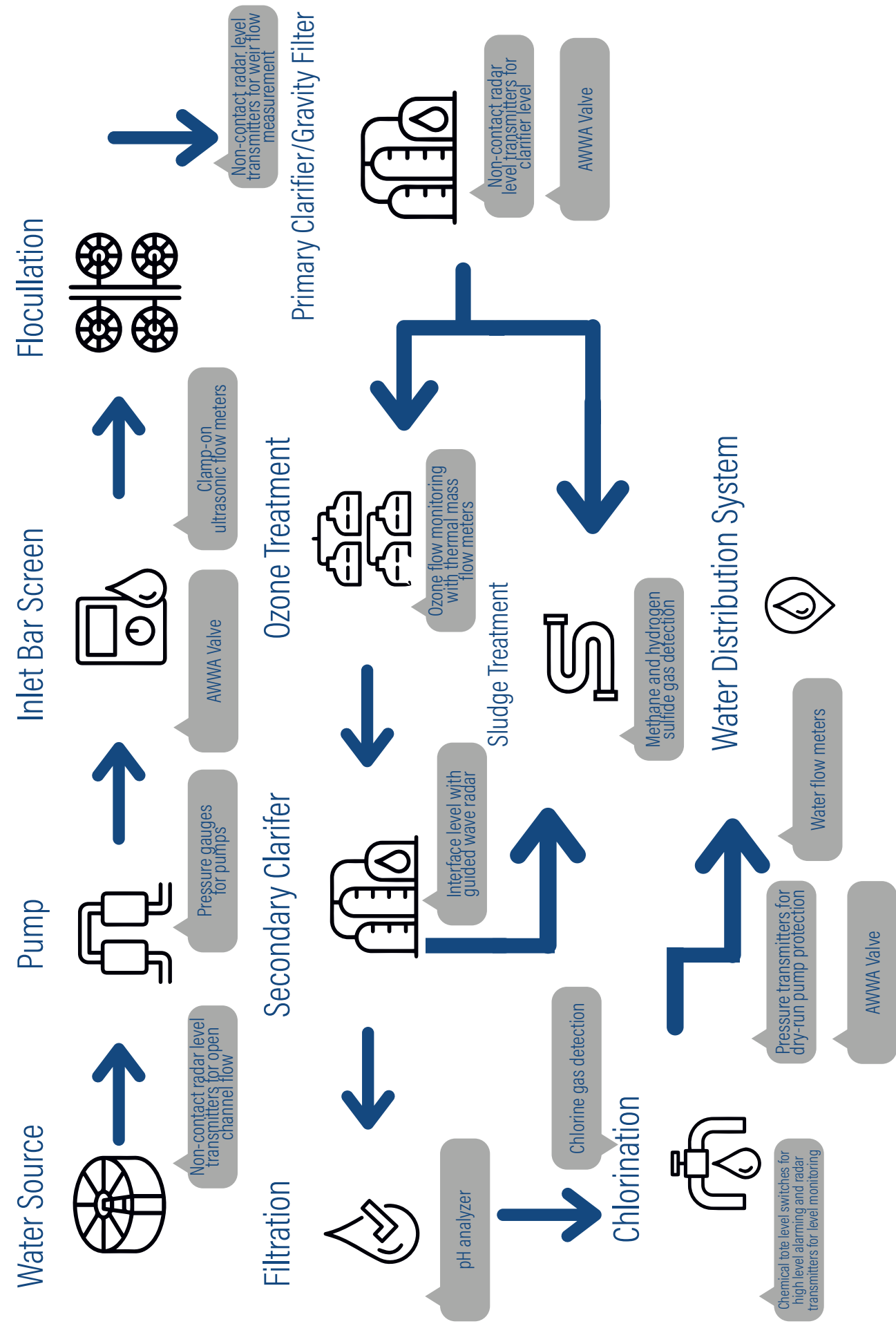
Installing and implementing SCADA systems are usually expensive, challenging, and time-consuming, but not anymore. Samsara and BBP are partnered to provide a modern and affordable SCADA platform for the Water and Wastewater industry.

Our system is a Remote Monitoring and Control solution for lift stations, pump stations, or complete treatment facility SCADA systems. This turn-key SCADA package is designed to provide hardware, software, and cloud, giving customers data visualization, monitoring, analytics, alerting and alarming, and process control. Samsara is a fully cellular-based platform.

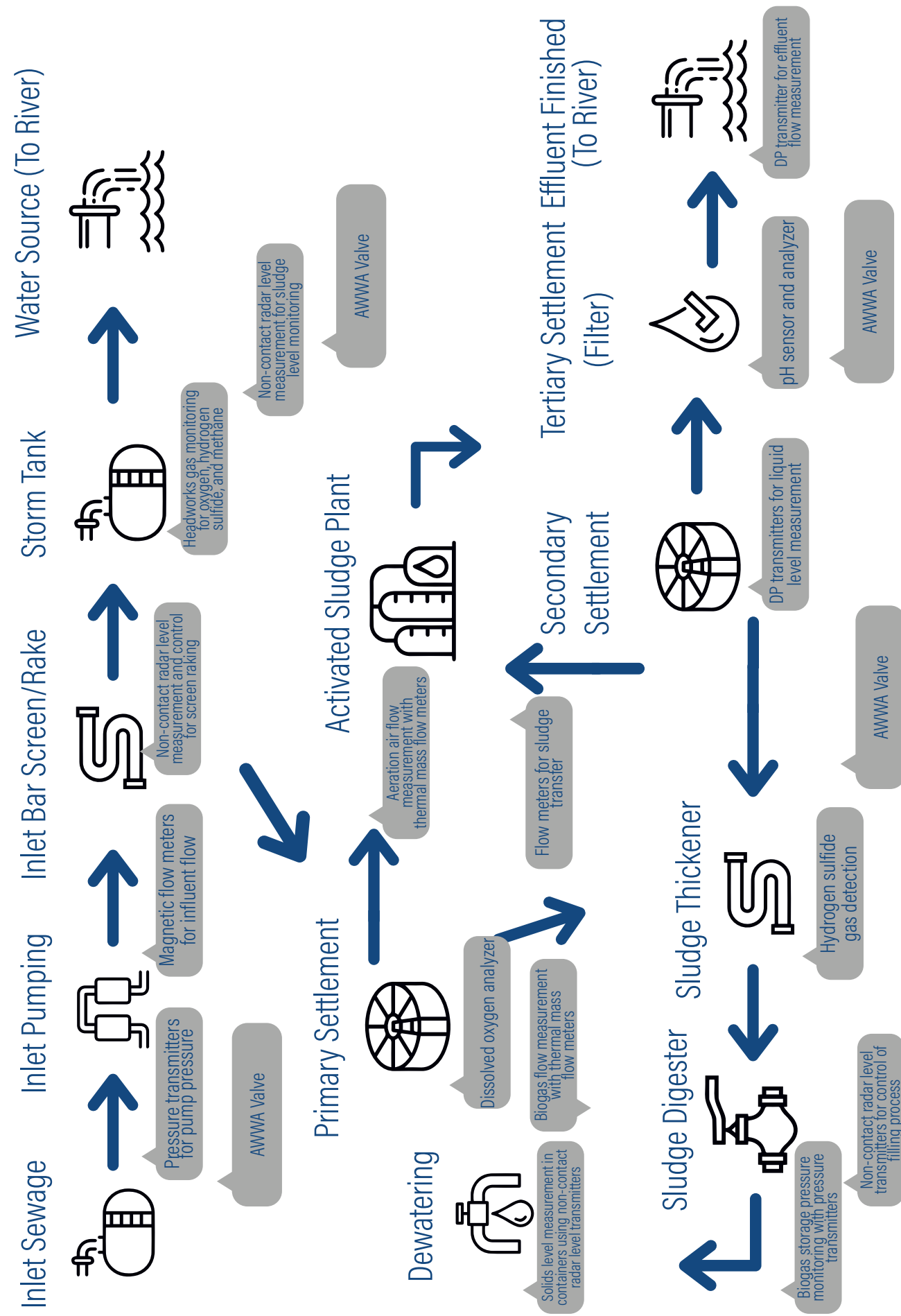
As a full system integrator, we partner with our customers to understand all of the project details and offer the best solution for the application. Our teams can handle every step of the process from design, installing, commissioning, and start-up, saving you time and reducing complexity and cost. We look forward to demonstrating our commitment to your success.



# WATER TREATMENT



# WASTEWATER TREATMENT





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