

INSTA-VALVE 250 SUCCESS STORY

Insta-Valve 250 Isolates Wastewater Digester Pumps When Previous Valves Failed

Baton Rouge, Louisiana | Population: 222,185

SUMMARY

The Insta-Valve 250 provided a targeted control to rehabilitate or replace valves and pumps without shutting down a wastewater pump station.

THE PROBLEM

As part of a project for the South Wastewater Treatment Plant run by the Department of Environmental Services (DES) for the East Baton Rouge Parish Wastewater System, the digester pumps on their sludge lines required maintenance or repair.

Unfortunately, the DES could not effectively isolate the pumps due to inoperable and faulty valves. Due to the necessary continuous operation of the pump station, shutdowns and bypass pumping were neither realistic nor cost-effective solutions.

THE SOLUTION

To solve their complex repair issue, DES engineers chose the Insta-Valve 250 insertion valve to complete the project. They contracted Level A Service to install five (5) six-inch Insta-Valve 250 insertion valves on sludge lines within the digester pump room.

The newly installed insertion valves allow pinpoint control to isolate the repair area to remove and replace the inoperable valves and rehabilitate the pumps without disrupting the facility.

RESULTS

LONG-TERM VALUE

The City of Baton Rouge now has five permanent, reusable points of control for their wastewater facility that can be capitalized.

BETTER CONTROL

With prolonged shutdown impossible, the Insta-Valve 250 provides targeted control without impacting the facility's service during repairs.

COST REDUCTION

By utilizing insertion valves, the city avoided the cost of renting, installing, and removing a temporary bypass pumping system.



“ We were able to install the insertion valves quickly without affecting service. Now the pumps can be isolated for repair.

— **Jamie Newman,**
Lead Technician,
LEVEL A SERVICES ”

