

COMPREHENSIVE PUBLIC WORKS OPERATIONS & MAINTENANCE SERVICES FOR THE CITY OF GAUTIER



GAUTIER, MISSISSIPPI

APPLICATION: Municipal Public Works & Utilities

CAPACITY: 5 MGD Water System

COMMISSIONED: 2023

TECHNOLOGY: Net Facilities CMMS & SCADA

POPULATION: 19,100

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BACKGROUND

In 2023, after several years of privatized operations, the City of Gautier, MS, published a Request for Proposals (RFP) seeking to improve the effectiveness, reliability, and responsiveness of its public services. H₂O Innovation began working on this project in November 2023, and their services have received very high praise from elected officials and from the citizens.

SCOPE OF WORK

Since then, H₂O Innovation's streets division has been performing several maintenance tasks throughout the city, such as repairing asphalt, replacing damaged sidewalks, maintaining the drainage network to ensure proper runoff during high rain events, and mowing the rights-of-ways. The division also provides fleet and equipment maintenance on all city-owned assets.

The team's expertise has enabled them to ensure the safe and efficient operation of several facilities. These include the water and sewer distribution and collection systems, as well as the ion exchange plant that serves a large portion of the city until nanofiltration facilities are implemented.

Additionally, H₂O Innovation's water division operates the city's seven water wells, which have a production of 5 MGD. A 3-MGD nanofiltration facility and potentially two 1-MGD plants are also in the works.

To enhance operations, the team uses a computerized maintenance management system (CMMS) and a cutting-edge supervisory control and data acquisition (SCADA) application that provides real-time data crucial for decision-making.

RESULTS

The H₂O Innovation team maintains regular communication with the City Manager and board members, who value their partnership with a company that takes as much pride in the facility as the citizens do. They appreciate the team's ongoing efforts to enhance operations while remaining within the city's allocated budget. This project not only highlights H₂O Innovation's versatility, but it also shows the O&M team's proven track record of delivering reliable, high-quality services.

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