

Town of Braselton
Chateau Elan Lift Station No. 2 & No. 3 Replacements
Barrow and Gwinnett Counties, Georgia

Services Provided:

Preliminary Planning
Funding Procurement
Design and Permitting
Program Management
Bid Phase Management
Construction Observation
Interagency Coordination

Project Data:

Total Project Cost:
\$903,000

Date of Completion:
February 2020

Contact:

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The Chateau Elan resort and residential areas have been a major economic engine for the Town of Braselton for over 20 years. The Chateau Elan complex spans over 500 acres and this northwest area accounts for almost 50% of the water and wastewater demand of the systems.

Due to the topography, the area is served by a series of five (5) wastewater pumping stations ranging in capacity from 500 to 1,500 Gallons Per Minute (GPM).

Chateau 2 and 3 were installed in the early eighties based on the design standards of that time. Over the years and after pumping essentially millions of gallons of wastewater, these two stations reached the end of their useful life and were in need of complete rehabilitation and replacement.

With a limited site to work with, the existing facilities had to be able to continue operations while the replacement facilities were being constructed. This was accomplished successfully, and the specific components of the work were: The replacement of two existing duplex pump stations, including removal of existing above ground stations, rehabilitation of existing wetwells, reconnections to existing gravity sewer and forcemains with 75 L.F. of 8-inch gravity sewer, 100 L.F. of 15-inch gravity sewer, five (5) each manholes, 75 L.F. of 10-inch forcemain, and 10 L.F. 12-inch forcemain. The upgraded project also added enhanced odor control, upgraded site screening and landscaping and improved telemetry.