



Project Profile

50,000 GPD Sequencing Batch Reactor

Package Wastewater Plant Serves Delaware Subdivision



Layne crew installs a Fluidyne ISAM at this Lewes, Delaware subdivision.

To support the infrastructure needs of its residents, the Heron Bay Property Owners Association contracted with Artesian Wastewater Management, Inc. (AWMI) for the construction of a wastewater treatment facility located in Lewes, Delaware's Heron Bay subdivision.

Serving as a subcontractor to AWMI, Layne Christensen Company's Bridgewater Construction Group installed a 50,000 GPD Fluidyne ISAM Sequencing Batch Reactor (SBR) and an infiltration basin. Layne's crews set vessels and installed piping.

The pre-packaged ISAM (Integrated Surge/Anoxic/Mix) sequencing batch reactor is a single-train system incorporating a constant level anaerobic selector chamber followed by a surge/anoxic/mix tank, and one or more SBR basins.

Award Date: August, 2006

Completion Date: March, 2008

Owner:
Heron Bay Property Owners Assoc.

Engineer:
Artesian Wastewater Management, Inc.
John Thaeber, Vice President
302-453-6900

Layne Project Manager:
Dave G Schrettner

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