

Wastewater System Engineering and Management Support

The Pinehills, LLC, Plymouth, Massachusetts

The Horsley Witten Group, Inc. (HW) provides the Pinehills, LLC with professional engineering services and construction oversight of the wastewater infrastructure for this 3,000-acre planned community. Following the construction and startup of the Pinehills Wastewater Treatment Facility, the Pinehills retained HW to oversee the operation of the wastewater treatment facility and its collection system. HW's responsibilities included the following:

- Preparing the scope of service for contract operations, interviewing potential operators, and recommending an operating company to operate the wastewater treatment plant and its collection system;
- Developing the sewer rate information for the Pinehills, LLC to determine the residential and commercial sewage rates;
- Serving as liaison between the Pinehills and the operating company when operating problems arise;
- Determining projected wastewater flow and corresponding expansion plans;
- Managing groundwater withdrawal to fill the Pinehills Golf Club's irrigation pond in accordance with the groundwater discharge permit;
- Advising the Pinehills on wastewater issues such as the operations and maintenance program, sampling requirements, and withdrawal permit conditions;
- Preparing the Emergency Response Plan for the wastewater treatment plant; and
- Preparing capital and operations budgets for the wastewater treatment plant.

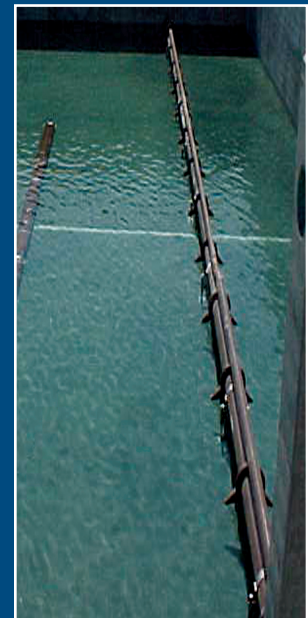
The Pinehills wastewater treatment facility currently has a 300,000 gallon capacity, and it will eventually increase to 450,000 gallons of wastewater per day, and HW continues to consult on numerous Pinehills projects in all disciplines.

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