

HILTON HEAD #1 PSD WASTEWATER COLLECTION SYSTEM ODOR & CORROSION STUDY HILTON HEAD, SC

FINAL PROJECT SCORECARD

- Extensive H₂S & wastewater testing performed**
- Major odor and corrosion contributors were identified**
- Major corrosion hot spots identified and prioritized**
- System alternatives, recommendations, design criteria and cost estimates provided**

WEA performed an extensive odor and corrosion control study in the Hilton Head, SC #1 PSD wastewater collection system in 2002. The PSD had experienced severe corrosion problems and odor complaints along the collection system. The study included H₂S testing and wastewater testing at numerous locations within the complex collection system to determine the major contributors to the corrosion and odor problems. The study also identified and prioritized the major corrosion hot spots that require corrosion control. WEA subsequently prepared a preliminary engineering report that developed odor and corrosion control system alternatives, provided system recommendations, system design criteria for soliciting bids, and budgetary cost estimates.



Jenkins Island PS



Dillon Rd #2 PS