Town of Ocean Isle Beach
Wastewater Collection System
2024 System Performance Report

The Clean Water Act of 1999 passed by the North Carolina General Assembly requires wastewater collection or treatment systems to provide an annual report to their customers. This report summarizes the performance of the Ocean Isle Wastewater Collection System and Wastewater Treatment Facility during the past 12-month period from January 1, 2024 to December 31, 2024.

Collection System

The Ocean Isle Beach Wastewater Collection System includes over 40 miles of force main and gravity wastewater pipes, 40 wastewater pumping stations and 455 manholes. Wastewater is pumped to Ocean Isle Beach Wastewater Reclamation Facility, owned by Brunswick County Utilities. The Town owns 4 trailer mounted generators to be used throughout the Collection System for backup power and one 6'' bypass pump. We use our Sewer Vac Truck for sewer blockages, maintaining our collection lines and maintenance of our sewer pump stations. We use this truck to clean a minimum of 10% of our collection lines each year. Ocean Isle Beach Public Utilities Department is responsible for the operation and maintenance of the Ocean Isle Beach Collection System and is operated under NPDES permit #WQCS00277. If you have any questions or would like more information about this report, contact Adam Sellers, Utility Systems Superintendent at (910) 579-2166 or visit our website at www.oibgov.com.

Performance

During 2024 Ocean Isle Beach collected and safely transported over 127 million gallons of wastewater, with an average flow of 349,943 gallons/day and a peak flow on July 27th of 1,104,576 gallons.

Sanitary Sewer Overflows (SSO's)

We are pleased to report that we did not have any Sanitary Sewer Overflows (SSO's) in 2024. SSO's of 1,000 gallons or greater are required to be reported to North Carolina Division of Water Quality (NCDWQ) and local media through press release.

Grease and Oil

The leading cause of overflows is debris and grease blockages in the lines. While the collection system is designed to handle and safely transport sanitary waste, too much grease or non-biodegradable material placed into the system can cause clogs and result in overflows. It is very important to keep these foreign materials from entering the system.

Other ways to prevent overflows and protect the environment:

- Never pour grease, fats or oils from cooking down the drain
- Replace broken clean out caps
- Call before you dig. Have the utilities located before any digging.

Certification

I certify under penalty of law that this report is complete and accurate to the best of my knowledge. I further certify that this report has been made available to the users or customers of the named system and that those users have been notified of its availability.

Adam Sellers
Utility Systems Superintendent