



KINSTON PUBLIC SERVICES

Buildings & Grounds, Business Office, Electric, Engineering, Environmental Services,
Fleet Maintenance, Meter Reading, Stormwater, Streets, Wastewater, and Water

Kinston, the right place ... Kinston Public Services, the right choice.



City of Kinston Annual Operations and Performance Report 2022

Johnnie Mosley Regional Water Reclamation Facility (JMRWRF)

NPDES	# NC0024236
Design Capacity	11.85 Million Gallons
Treatment Type	Johannesburg Process
Service Date	2006
Report Generated	October 3, 2023

Facility Comments:

The last annual state inspection report for the Johnnie Mosley Regional Water Reclamation Facility, dated October 05, 2021, was found to be in noncompliance with its discharge permit.

There were three Notices of Violations (NOVs) during calendar year 2022. The first NOV was issued February 14, 2022 for bypassing the treatment facility's denitrification filters. From January 16-18, 2023, high solids levels in the clarifiers resulted in heavy pin flocking which resulted in a bypass of those filters. A Civil penalty was assessed in the amount of \$1,100.00.

The second NOV was issued February 23, 2022 for bypassing the treatment facility's denitrification filters. From February 3-5, 2023, again, high solids levels in the clarifiers resulted in heavy pin flocking which resulted in a bypass of the filters. A Civil penalty was assessed in the amount of \$2,100.00.

The third NOV was issued March 7, 2022 for exceeding the weekly Total Suspended Solids limit and for failure to monitor the daily Ammonia Effluent. The January 2-8, 2022 weekly TSS average limit value of 45 mg/L, was exceeded at an average value of 88.05 mg/L. The Ammonia monitoring frequency violation was the result of a "Laboratory Error". The Effluent samples were collected for that day however the Ammonia sample were not ran. The Lab Supervisor began an investigation into what happened that day. From that investigation, it was noted that the Lab Tech either inadvertently poured out the sample and placed the empty bottle in the dishwasher as he was preparing to wash dishes or he misplaced the ammonia bottle and didn't pour the sample in it. Disciplinary action was taken against the Lab Tech and the lab checklist was updated to reflect a more thorough daily review. Civil penalty was assessed in the amount of

\$850.0.

No environmental impacts associated with these violations were observed.

SANITARY SEWER COLLECTION SYSTEM

During calendar year 2022, the collection system had no reportable spills.

Any spill of 1,000 gallons or more and any reaching surface waters are required to be reported to the DWQ.

The last state inspection report for the collection system is dated June 30, 2022.

Some “highlights” for the City of Kinston’s Collection System include the following:

Projects:

- Briery Run Lift Station Mitigation project (conversion to wet wells and raising power supplies) - \$1.1 million. Completed in 2022.
- Lawrence Heights Water and Sewer Replacement project - \$3.4 million for sewer. Awarded in 2022. Project still under construction.
- Briery Run Sewer Rehabilitation Phase V project - \$3 million. Awarded in 2022 - completed in June 2023. Raising manholes above flood elevation and lining 3,000 feet of outfall.
- Oliver Glass Lift Station Improvements Engineering - \$400,000 grant. Increase station capacity and replace force main that has had 6 leaks in last year.
- Wastewater AIA project - \$150,000 grant. Analysis by Wooten Co. of WWTP, CCTV of Upper Neuse and Jericho outfalls, preliminary engineering for Heritage Street Sewer Replacement. Still under way.

During calendar year 2022 City staff also repaired an additional 55 sewer services, replaced 62' of 8" sewer main, CCTV approx. 2500' of the gravity sewer system, and effectively cleaned 19.73 miles of gravity sewer main.

Responsible Person Contact Listing

General:

Steve Miller - Public Services Director	252-939-3303
Vacant – Assistant Public Services Director	252-939-3285

Stormwater Utility:

Gilbert Acevedo - Street Superintendent	252-939-3314
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Water Reclamation (Wastewater Utility):

Kenneth R. Stevens, Jr. - Water Reclamation Facility Superintendent (ORC)	252-939-3375
Swindell Flowers - Residual Management Coordinator (ORC-Land Application)	252-939-3248
Jimmy Garvey – Water Operations Superintendent	252-939-3299
ORC - Wastewater Collections	

Water Utility:

Joey Pittman - Water Production Superintendent (ORC-Wells)	252-939-3286
Jimmy Garvey – Water Operations Superintendent (ORC Distribution)	252-939-3299
Tony Creech - Water Production Supervisor (ORC-Cross Connection)	252-939-3156