

Fernando Frazier

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SUMMARY

Lift station and water wastewater maintenance technician with six years of field experience supporting **sewer lift stations**, booster pumps, tanks, well sites, **treatment facilities**, generators, motors, grinders, valves, and hydraulic systems. Performs station rounds, records readings, lubricates bearings and gearboxes, replaces filters, cleans wet wells, rebuilds pumps, and completes **preventive maintenance**. Diagnoses minor electrical, mechanical, plumbing, and hydraulic problems using manuals, meters, bench tools, hand tools, and field observations. Maintains accurate work records, **repair parts inventory**, sampling documentation, and equipment test results. Responds calmly to alarms, emergency assignments, customer concerns, and on call needs while using PPE and safe practices around machinery, electricity, chemicals, weather, and confined utility environments.

EXPERIENCE

Senior Lift Station Technician

Blue Ridge Municipal Services

May 2024 - Present

Greenville, NC

- Leads daily lift station maintenance across active utility sites, supporting pumps, motors, grinders, generators, valves, hydraulic equipment, sampling, records, customer updates, and emergency response.
- Completed station rounds and **readings**, then cleaned wet wells before blockages affected pump performance.
 - Rebuilt submersible pumps with replacement impellers and **check valves**, restoring reliable station operation.
 - Traced starter and wiring faults with meters, manuals, and **hand tools** during urgent equipment calls.
 - Tested **generators**, motors, and hydraulic equipment after repairs, documenting readings and corrective actions.
 - Collected **wastewater samples** for **laboratory analysis** and shared clear service updates with operations staff.
 - Covered emergency assignments with PPE near machinery, electricity, chemicals, and severe outdoor weather.

Water and Wastewater Maintenance Technician

Coastal Plains Utility Operations

January 2022 - April 2024

Wilson, NC

- Supported preventive and corrective maintenance across lift stations, well sites, booster pump facilities, and treatment support areas while controlling parts, documenting repairs, and responding to alarms.
- Disassembled and rebuilt **pumps** and **grinders**, replacing worn components after inspection and cleaning.
 - Traced fuse, receptacle, switch, fan, ballast, starter, and wiring faults during facility repairs.
 - Repaired piping and **valves** with soldering where appropriate, then verified operation through field testing.
 - Controlled repair parts inventory and **work records** for recurring **mechanical** and electrical maintenance needs.
 - Responded to after hours alarms and service calls, keeping operations personnel informed of status.
 - Maintained booster pump and **well site equipment** through scheduled inspections, lubrication, and filter changes.

Utility Maintenance Technician

Piedmont Waterworks Services

September 2020 - December 2021

Rocky Mount, NC

- Provided supervised field maintenance for **water and wastewater** equipment, including inspections, lubrication, cleaning, small repairs, grounds support, vehicle care, documentation, and emergency site response.
- Inspected pumps for blockage, wear, and vibration after cleaning **baskets**, grinders, and wet wells.
 - Replaced belts, chains, fuses, **switches**, **receptacles**, and valves using bench and hand tools.
 - Maintained mowers, blowers, portable pumps, and utility vehicles used during field service assignments.
 - Recorded **equipment** condition, parts use, completed work, and follow up needs in **routine reports**.
 - Supported emergency repairs and site cleanup while following traffic control and established safety procedures.
 - Completed readings, filter changes, lubrication, and adjustments during scheduled lift station maintenance rounds.

PROJECTS

Regional Lift Station Reliability Program 📅 2026

Improved field reliability through a focused maintenance program covering pump inspections, readings, lubrication, wet well cleaning, component replacement, operating tests, parts tracking, and clear corrective action records.

Emergency Utility Equipment Response 📅 2025

Strengthened response readiness through practical support for alarms, after hours calls, generator checks, pump repairs, customer updates, PPE use, and safe work around electrical and chemical hazards.

LEADERSHIP & AWARDS

- Senior technician recognition for dependable lift station maintenance and emergency response support.

- Operations team recognition for accurate records, parts control, and clear customer communication.
- Safety recognition for consistent PPE use around machinery, electricity, chemicals, and outdoor hazards.

EDUCATION

High School Diploma

J.H. Rose High School GPA: 3.0

2020
Greenville, NC

Coursework: Electrical trade practices, mechanical systems, safety procedures, applied mathematics

CERTIFICATIONS

- American Red Cross First Aid CPR AED 📅 2026
- Flagger Certification 📅 2025
- North Carolina Driver's License 📅 2026

TECHNICAL SKILLS

- **Pumps and Motors:** Submersible pumps, motors, impellers
- **Lift Station Equipment:** Grinders, baskets, wet wells
- **Electrical Components:** Starters, switches, wiring
- **Valves and Piping:** Check valves, solenoids, piping
- **Hydraulic Equipment:** Hydraulic systems, injectors, scales
- **Generators and Power:** Generators, fuses, receptacles
- **Maintenance Tools:** Bench tools, hand tools, meters
- **Mechanical Maintenance:** Bearings, gearboxes, belts
- **Utility Sampling:** Water samples, wastewater samples, laboratory analysis
- **Safety and Field Work:** PPE, traffic control, hazard precautions
- **Records and Inventory:** Work records, repair parts, maintenance documentation
- **Repair Methods:** Soldering, disassembly, assembly

SKILLS

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|-----------------------------------|------------------------------|-----------------------|----------------------|
| • Lift station maintenance | • Electrical troubleshooting | • Plumbing repairs | • Emergency response |
| • Water and wastewater operations | • Hydraulic systems | • Wastewater sampling | • Customer service |
| • Preventive maintenance | • Pump repair | • Maintenance records | • Safety procedures |
| • Mechanical repair | • Valve replacement | • Parts inventory | |

PROFESSIONAL AFFILIATIONS

- Water and wastewater operations professional supporting reliable public utility service.
- North Carolina utility maintenance community participant focused on safe field practices and equipment care.

LANGUAGES

- English (Native)
- Spanish (Beginner)

ADDITIONAL INFORMATION

Work Status : Authorized to work in United States. No sponsorship required.

REFERENCES

AVAILABLE ON REQUEST