

MAINTENANCE/CONSTRUCTION MECHANIC

Reports To: Operations Construction Coordinator

Supervises Directly: N/A

Pay Grade: 54

FLSA Status: Non-Exempt

Salary Range: \$23.45 to 38.82 hourly, depending on qualifications and experience

Closing Date: 09/14/2026



Purpose of the Position: Performs skilled construction work on the Authority's water distribution and wastewater collection systems. Installs, replaces, repairs, and extends water mains, service lines, hydrants, valves, gravity sewers, force mains, manholes, and related appurtenances throughout the service area, including at treatment plants, repump facilities, and lift stations.

Works as part of a construction crew under the direct supervision of the Operations Construction Coordinator. Work is performed from construction plans, work orders, and field direction, and includes excavation, trench safety, dewatering, maintenance of traffic, and site restoration.

Serves on the Authority's emergency on-call rotation and responds to after-hours water main breaks, sewer backups and overflows, and storm events.

Essential Functions: The following duties are normal for this position. The omission of specific statements of the duties does not exclude them from the classification if the work is similar, related, or a logical assignment for this classification. Other duties may be required and assigned.

Water Distribution Construction & Maintenance

- Install, replace, and repair potable water mains, service lines, fire hydrants, valves, valve boxes, meter boxes, air release assemblies and manholes, and blow-offs Install, replace, and repair potable water mains, service lines, fire hydrants, valves, valve boxes, meter boxes, air release assemblies, and blow-offs. Cut, fit, and join pipe using the methods and materials specified for each installation
- Set and connect tapping sleeves and valves; make service taps on mains in and out of service
- Install and replace water services, meter settings, and backflow prevention assemblies
- Install temporary water service, jumpers, and bypass piping to keep customers in service during construction
- Assist with pressure testing, disinfection, flushing, and bacteriological clearance of new and repaired mains before they are returned to service
- Assist licensed distribution operators with main isolation, shutdowns, and return to service; operate and exercise valves as directed

Wastewater Collection Construction & Maintenance

- Install, replace, and repair gravity sewer mains, laterals, wyes, cleanouts, force mains, air release assemblies and manholes, and manholes
- Lay gravity pipe to the line and grade shown on the plans using laser, grade rod, or comparable grade control
- Place, compact, and verify pipe bedding and embedment material to the limits shown on the plans
- Core and connect new pipe to existing manholes and mains; install boots, couplings, and seals
- Perform manhole repair and rehabilitation, including invert repair, chimney seals, frame and cover replacement, and leak repair as directed
- Raise manhole rims, valve boxes, and cleanout boxes to finished grade; form and place concrete collars and pads

- Assist with lift station piping, valve, and wet well construction and repair
- Excavation, Trenching, and Dewatering: Install, move, and remove trench boxes, shoring, and shielding; slope and bench excavations as directed by the competent person
- Locate, expose, and protect existing underground facilities by hand digging within the tolerance zone
- Place, compact, and grade backfill in lifts to the specified density; coordinate density testing
- Install, operate, and maintain well point and sump dewatering systems; manage and discharge dewatering flows within permit conditions

Site Restoration

- Restore roadways, driveways, sidewalks, curbs, and gutters, including subgrade preparation, base placement, concrete work, and asphalt patching
- Mix, form, place, and finish concrete for valve boxes, cleanout boxes, manhole collars, pads, sidewalk, and curb
- Restore sod, landscaping, irrigation, and hardscape disturbed by construction
- Restore work sites to the condition required by the applicable right-of-way or roadway permit

Equipment, Tools, and Materials

- Operate construction equipment, including backhoes, mini excavators, skid steers, dump trucks, vacuum excavation units, portable pumps, generators, compactors, tampers, saws, and tapping machines
- Operate hand and power tools of the trade, including jackhammers, chipping hammers, plate compactors, and pipe installation tools
- Operate Authority trucks and tow trailered equipment
- Rig, lift, and place pipe, valves, castings, and equipment; secure loads for transport

Emergency Response and On-Call Requirements

- Participate in the Authority's emergency on-call rotation and respond to emergencies on a 24-hour, 7-day basis as required
- Respond to water main breaks, service outages, sewer stoppages and backups, sanitary sewer overflows, force main failures, and lift station piping failures
- Be available to work during weather events, natural disasters, and other emergency conditions, including extended shifts and assignments before and after a storm

Safety & Site Management

- Follow trench and excavation safety requirements, including access and egress, spoil placement, and daily inspection of excavations
- Follow confined space entry procedures for manholes, wet wells, and valve vaults, including atmospheric monitoring, ventilation, attendant duties, and retrieval equipment
- Follow procedures for work involving raw wastewater, including hygiene, decontamination, and bloodborne pathogen precautions
- Identify and correct unsafe conditions; report unsafe or missing equipment and unsafe conditions to the Supervisor; stop work when conditions are unsafe

General Responsibilities

- Be available for scheduled and unscheduled on-call assignments as required
- Maintain a professional appearance and represent the Authority in a positive manner
- Perform other job-related duties as assigned

Knowledge, Skills, and Abilities

- Skilled in the safe operation and operator level maintenance of hand tools, power tools, and construction equipment of the trade
- Working knowledge of the installation and repair of pressurized and gravity pipe and related appurtenances, including mechanical joint, push-on, restrained joint, threaded, flanged, and fused connections

- Ability to learn the overall function of the water distribution and wastewater collection systems and apply sound judgment to keep them in service
- Manual dexterity and hand and eye coordination sufficient to operate and adjust tools and equipment
- Mechanically inclined and familiar with the tools, materials, and methods of underground utility construction
- Ability to place and finish concrete and perform roadway, sidewalk, and site restoration
- Ability to read and understand English, complete forms and logbooks, and follow written and verbal instruction
- Ability to work productively in hot and humid conditions for extended periods
- Ability to deal effectively and courteously with the public, customers, and co-workers

Physical and Work Requirements

- Lift up to 75 lbs. occasionally, with frequent lifting and carrying of objects weighing up to 50 lbs.; use two-person lifts and mechanical assistance for heavier loads
- Frequent walking, standing, stooping, kneeling, crawling, crouching, reaching, climbing, bending, twisting, handling, and fingering
- Climb into and out of trenches, excavations, and manholes by ladder; work in standing water and on unstable footing; enter, exit, and re-enter Authority vehicles
- Works primarily outdoors (approximately 90% or more of time); no effective protection from weather.
- Work in confined spaces, including manholes, wet wells, and valve vaults, with respirator use as required, subject to medical clearance and fit testing
- Wear Authority-furnished uniforms and required personal protective equipment, including safety-toe footwear, hard hat, high-visibility apparel, and eye and hearing protection
- Work scheduled and unscheduled overtime, including nights, weekends, and holidays

Minimum Qualifications

- High school diploma or equivalent.
- Valid Florida Driver's License in good standing.
- Experience in safely operating power hand tools and power construction equipment.
- Ability to work in extreme weather conditions.

Preferred Qualifications

- Prior experience installing buried and above-grade water and sewer piping
- Class A Commercial Driver's License
- FDEP Water Distribution System Operator License, Level 3
- Experience with well point or sump dewatering systems
- Two (2) years of experience in underground utility construction, water distribution, wastewater collection, or a related construction trade

Additional Qualifying Factors

As a condition of employment, must pass a pre-employment drug screening and have acceptable reference and background check results.

Employees in this position must wear company-furnished uniforms and must supply and wear safety shoes at all times when on duty.

Seacoast Utility Authority is an Equal Opportunity Employer. In compliance with the Americans with Disabilities Act, the Authority will provide reasonable accommodations to qualified individuals with disabilities and encourages both prospective and current employees to discuss potential accommodations with the employer.