

APPOMATTOX RIVER WATE AUTHORITY

MAINTENANCE MECHANIC/UTILITY LOCATOR

Only Experienced Locator Candidates Will Be Considered

Nature Of Work

This is a highly technical, skilled position with the primary responsibility of location and marking underground utilities, as well as work performing maintenance and repair activities at the Authority. This position requires a high degree of responsibility that includes accomplishing assigned tasks independently with minimal supervision. Work includes operating utility line locating devices, power tools and construction equipment. Position is subject to outside environmental conditions, extreme cold and heat, noise vibration and working in hazardous conditions (such as confined space, ditches, and traffic areas).

Primary Duties and Responsibilities

- Locates underground utility lines.
- Utilizes stakes, flags and/or paint to mark the location of underground utilities.
- Uses utility maps, as-built drawings, GIS, and asset management information to locate underground utility lines.
- Manages daily workload through current asset management system and 811 of Virginia. Operates and maintains mechanical and electronic locating equipment.
- Assist contractors and engineering companies by receiving and reviewing maps and plans of proposed construction.
- Maintains work area and vehicle bays; maintains truck with equipment, supplies and parts needed for locates and repairs.
- Works in confined space environments such as manholes, monitoring levels of gas and quality of air in vaults and confined workspaces.
- Assists with routine preventative maintenance.
- Performs on-call 24 hours a day emergency response as scheduled.
- Operates an Authority vehicle and equipment.
- May be deemed essential at any time.
- Performs other duties as required or assigned.

Supervision

Work is performed under the direction of the Maintenance Supervisor or Maintenance Chief. Additional guidance is provided through work orders, established policies, and procedures, written and verbal correspondence and personnel policies. Work is reviewed through inspections, observations and review of results obtained through reports, and annually through performance appraisals.

Minimum Requirements

Knowledge:

- Mastered use of locating equipment, ticket organization and ticket completion
- Ability to effectively call in miss utility tickets through Virginia 811 system & asset management system.
- Construction tools and equipment. Must understand construction techniques.
- Principles and practices of water system maintenance, construction, and repair techniques.
- Computer equipment and software applications related to Geographic Information Systems (GIS).
- Occupational hazards and safety precautions of the work.
- Safety standards and precautions connected with water system activities.
- English grammar, spelling, and usage.
- Basic arithmetic and mathematical principles.
- Pertinent federal, state, and local codes, laws, and regulations.
- Must be able to understand mapping and basic plans both electronic and on paper format. Mastered Line locating equipment, ticket organization and ticket coding when completing tickets.
- Mastered effectively processing miss utility tickets through Virginia 811 system & asset management system.
- Comply with safety standards for confined space entry and traffic control.

Skills and Abilities:

- Mastered utility locating technics of utility lines, including water, and sewer, by use of electronic locating devices and GPS coordinates.
- Knowledge of needed field changing process with mapping system when encountering false data.
- Indicates utility locations through the use of paint or flags; communicates other relevant information to excavation personnel or other appropriate authorities.
- Read and interpret plans as they relate to water and wastewater collection and other underground utilities.
- Visually and audibly detect water line problems and respond appropriately.
- Operate various types of maintenance and construction equipment.
- Read and communicate effectively both verbally and in writing.
- Understand oral and written instructions; perform without close and/or constant supervision.
- Perform various types of maintenance activities.
- Use a laptop computer or other devices to receive, document and close out locates during normal hours; use other application software (GIS, asset management) as required for the position.
- Maintain safe operation of motor vehicle and safety related equipment.
- Perform maintenance checks on equipment and vehicles and restock vehicles with supplies needed to perform utility locates.
- Perform light excavation with a shovel to expose buried utilities when necessary.
- Able to perform manhole entry using assigned equipment and safety devices.

- Must have extensive knowledge of safety precautions when working in or around heavy traffic conditions.
- Regular and reliable attendance.

PHYSICAL REQUIREMENTS

- Must be able to effectively communicate and interact with fellow employees, contractors and their employees, field engineers and the general public.
- Significant standing, walking, moving, climbing, carrying, bending, kneeling, crawling, reaching, handling, pushing, and pulling.
- Pull manhole lids, climb in and out of manholes, meter vaults, and walk over rough and uneven terrain.
- May be required to enter permitted confined spaces using an OSHA certified non-entry retrieval system, which includes a safety harness with a weight restriction of 310 pounds.
- Perform manual labor for extended periods in all types of weather conditions.
- Work in hazardous conditions involving traffic.
- Transfer machinery, equipment, and supplies in excess of 50 pounds.

Recruitment Qualifications

Required:

- HS/GED.
- Minimum of three (3) to five (5) years of experience in utility locating of underground utilities or utility maintenance.
- Intermediate computer knowledge including GIS (Geographic Information System), Microsoft Office, Asset Management Program and Miss Utility/811 web-based ticket software.
- Ability to assist with emergency repairs on an "on-call" basis.
- Valid Virginia Driver's License with + Positive Safe Driving Points