

**Luzerne County Flood Protection Authority**  
**LUZERNE COUNTY, PENNSYLVANIA**

**Job Description:** Levee Maintenance Technician  
**Employment Status:** Regular/Full-Time/Union/Non-Exempt  
**Reports To:** Levee Operations Supervisor

**LEVEE MAINTENANCE TECHNICIAN**

**Summary:**

The Luzerne County Flood Protection Authority is tasked with the operation and maintenance of the 16-mile Wyoming Valley Flood Risk Management Project. This position consists of, but is not limited to, the skilled operation of trucks, moderately complex construction equipment, pump stations, drainage structures and other facilities in the system.

An employee in this class operates self-leveling and tractor pulled mowing equipment on levee grass embankment slopes and flats, tractors, trucks, backhoes, material loaders, and other equipment of similar complexity. An employee in this class is required to tend, control, or operate power-driven, stationary, or portable pumps and manifold systems, to transfer liquid materials to and from various vessels and processes. When operating duties are not required, employees also perform manual laboring duties.

This position reports directly to the Levee Operations Supervisor. Work assignments are made by the supervisor and/or management at times, and are normally carried out without detailed instructions, in accordance with established procedures and standards, using efficient operating techniques.

**Essential Job Functions:**

The following support functions are typical for this classification. Incumbents may not regularly perform all of the listed duties and/or may be required to perform additional or different duties from those set forth below to address business or staffing needs and changing business practices as determined by the Authority.

- Operates both self-leveling and tractor pulled mowing equipment on levee grass embankment slopes and flats.
- Operates loader to load dump trucks with construction materials or snow and ice control materials.
- Operates dump truck to transport equipment and tools and to apply construction material at worksites.
- Operates snow plow, salting and cindering machinery.
- Assists in the operation of other heavy construction equipment as required.
- Checks equipment for proper operating condition prior to use.

## Levee Maintenance Technician

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- Normally responsible for performing preventive maintenance operations on the equipment they operate and for reporting other needed maintenance.
- Performs manual work on assigned projects when not operating equipment or tending to the pump stations.
- Turns valves, shafts, and starts pumps to commence or regulate flow of liquid substances.
- Tends vessels that generally store liquid substances.
- Observes gauges and flowmeter to determine specifications are met, such as liquid level and pressure.
- Cleans, lubricates, and maintains pumps and vessels, using hand tools and equipment.
- Transfers equipment and materials using moving equipment.
- Inspects, records, and reports vessel and pump abnormalities such as leaks, pressure or depth fluctuations.

### **Required Knowledge, Skills and Abilities**

- Knowledge of the proper operating procedures and safety practices associated with pumps, trucks, and construction equipment.
- Ability to recognize defective operation of equipment and to perform routine maintenance operations.
- Knowledge of state laws pertaining to the operation of motor vehicles on highways.
- Skill in the use and operation of assigned equipment.
- Ability to understand and follow oral and written instructions.
- Travels to work sites and performs around hazardous situations such as moving heavy equipment, in and around equipment, at heights, on steep grades, and on ladders and uneven surfaces.
- Must be capable of wearing appropriate personal protection equipment such as hard hats, boots, aprons, gloves, and eye wear.
- Employee performs required pre-operation safety checks of assigned equipment fluids, tires, lights, hoses and gauges. Makes visual observations, manual adjustments, reports findings in written or oral formats, when necessary.
- Employee mounts equipment, operates a variety of hand and foot controls, utilizes seat belts, demonstrates visual depth and peripheral acuity, and installs or removes tire chains on dual wheels.
- Performs other related duties and attends training courses relative to job definition as required.
- The individual must be able to pass a physical abilities test after offer and acceptance of the position.
- The individual is subject to pre-employment, reasonable suspicion, post-accident (incident) and random drug and alcohol testing.

**Working Conditions:**

- Normal work week is Monday through Friday; 8 hours per day; 6:00AM to 2:30PM, 40 hours per week.
- Work must be performed under a range of weather conditions including extreme heat, cold, rain, snow, or ice; exposure to grasses, poisonous plants, animals, or insects and a variety of potential injuries such as bruises, cuts, scrapes, sprains, and strains.
- Normal building environments at Authority facilities. Conditions at times may include hazardous work locations, including confined spaces.
- Call-outs can be expected when operations are warranted due to weather, flooding, and/or Susquehanna River high water.
- During pump station operations the employee will generally work 12 hour shifts. Employee may be required to work longer shifts during emergency events and/or be required to report back to work frequently during such events.
- All Authority facilities and vehicles are tobacco free locations.

**Physical Requirements:**

- In the performance of manual laboring duties, employee must lift and carry supplies up to 50 pounds for at least 20 yards; uses shovel to dig or spread material; uses rakes, hammers picks, chainsaws, jack hammers, compactors, air compressors; bolts, unbolts or erects signs; operates stop and go paddles, places lanes markers, cones, lights, etc., to protect work zones; and picks up litter. These duties all commonly involve repetitive actions and motions such as grasping, reaching, twisting, pushing, and pulling.

**Minimum Qualifications and Experience:**

- High school diploma.
- Two (2) years of related construction and/or mechanical operational experience.
- Or any equivalent combination of acceptable training and experience which has provided the knowledge, skills and abilities cited above.
- Holds valid Commonwealth of Pennsylvania driver's license.
- Holds Possession of a valid Pennsylvania Class "A" Commercial Driver's License with air brake restriction removed.
- Six (6) month probationary training period requiring the incumbent to obtain a valid Pennsylvania Class "A" Commercial Driver's License with air brakes restriction removed or other endorsements required.
- Complies with all requirements of the Federal Drug and Alcohol Testing program.