

WASTEWATER MAINTENANCE TECHNICIAN I

JOB PURPOSE AND SUMMARY

Employees in this classification perform semi-skilled and skilled physical labor in support of the operation, maintenance and repair of the Wastewater facility, pumping stations and sanitary sewer lines. They operate equipment and perform functions with a minimum of supervision within project guidelines established by the lead worker or foreman. Work is reviewed while in progress or when completed. Employees are expected to perform job duties outdoors in all types of inclement weather.

CLASSIFICATION DISTINCTIONS

This classification's emphasis is on sludge transportation and disposal, and pump and motor repair. In addition, employees within this classification work in many different activities associated with the sewage treatment and disposal field, including: man hole repair, line flushing, plant clean-up, grounds maintenance, and general plant and collection system operations.

The classification's duties are divided between the Treatment Plant and the Collection system.

KEY OR TYPICAL TASKS AND RESPONSIBILITIES

Treatment Plant:

- Operates and maintains various pieces of sludge equipment to load, transport and apply sludge to various locations throughout the County.
- Operates a variety of trucks, tractors, loaders, sewer cleaners, pumps, pressure washers, and miscellaneous other equipment to complete assigned tasks.
- Maintains and repairs pumps and pump motors; assists in maintenance and repair of other mechanical equipment such as valves, clarifier and screen house systems, and chlorination equipment.
- Assists in the operation of equipment such as pumps, bar screens, clarifiers, digestors, sludge pumps, aerators, chlorinators, and control panels.
- Makes readings and recordings of temperature, electric meters, weather conditions, and quantity of sludge removed.
- Checks operating equipment for malfunctions; lubricates machinery.
- Installs and replaces pumps; assists in installation replacement of pies, values and regulators.
- Performs general maintenance required to keep working areas safe, clean and neat.

Collection System:

- Operates a variety of sewer cleaners, jet-rodders, pressure washers, and TV inspection equipment to complete assigned tasks.
- Performs a variety of sewer collection system tasks such as sewer line cleaning, correction of stoppages, man hole patching, and gravity and force main repairs.
- Read, calibrates, replaces charts, and performs routine maintenance on utility system meters and metering stations.
- Performs preventative maintenance inspections, testing for infiltration or exfiltration by the use of smoke or air.

QUALIFICATIONS

- One (1) year of experience in the maintenance and repair of pumps and pump motors; and one (1) year of experience in the operation of five (5) and ten (10) yard trucks; and
- Must have or be able to obtain, at the time of appointment, a valid motor vehicle operator's license; and
- Prior to appointment, candidate will be required to pass a physical examination relative to the heart, movement in the back, arms, and legs, eye sight and hearing.
- Operation of other heavy equipment such as: tractors, loaders, sewer cleaners, and miscellaneous other equipment.

Knowledge of....mechanics and operation of sewage treatment plant pumps and pump systems; machinery, equipment, materials and operating procedures of a modern wastewater treatment facility.

Ability to....diagnose sewage treatment plant pump system malfunctions, and determine appropriate procedures to repair those malfunctions; perform maintenance and repairs to sewage treatment plant mechanical components and equipment, including valves, motors, control panels, man holes, and collection lines; work in confined spaces in awkward positions, such as stooping and kneeling for extended periods; read, interpret and apply information from technical manuals, blueprints, meters, charts and miscellaneous other written materials; operate five (5) and ten (10)-yard trucks.

Office Use: 6/23/00