CITY OF FOLSOM
WASTEWATER COLLECTION TECHNICIAN I/II

DEFINITION
Under supervision, perform a variety of semi-skilled and skilled technical duties related to the maintenance and repair of City water and wastewater maintenance operations, wastewater collection systems, facilities, and related equipment.

DISTINGUISHING CHARACTERISTICS
The Wastewater Collection Technician I is the entry level class in the Wastewater Collection Technician series. Under close supervision, incumbents perform duties of a more routine nature.

The Wastewater Collection Technician II is the journey level class responsible for performing the full scope of assigned duties. Incumbents receive only occasional instruction or assistance as new or unusual situations arise, and are fully aware of the operating procedures and policies of the work unit. This class is distinguished from the Wastewater Collection Technician III in that the latter is an advanced journey level class.

Positions in this class are flexibly staffed. At the discretion of the appointing authority, incumbents may advance to the higher-level class of Wastewater Collection Technician II after gaining experience, obtaining the required grade certification, and demonstrating a level of proficiency that meets the qualifications of the higher-level class.

EXAMPLES OF ESSENTIAL DUTIES
The following are duties performed by employees in this class. Duties listed are not meant to be all-inclusive. Other duties may be required as assigned.

- Work with crews raising manholes, repairing sewer manholes, constructing and repairing storm conduits, curbs, gutters, and drainage facilities.
- Assist in mixing concrete and perform necessary masonry work; install, repair and maintain water and sewer mains and lines.
- Assist in the construction of new sewer connections as well as repair drains and sewer facilities.
- Locate and dig for water leaks and assist in making taps and fitting pipe sections.
- Perform scheduled maintenance and operation checks of wastewater pump stations, sewer collection systems, water treatment plant, or underground water distribution facilities.
- Perform scheduled lubrication and cleaning of wet wells, repacking of pumps, and adjustment of packing glands.
- Inspect and clean wastewater collection system, storm drains, flood control facilities, and inlets.
- Inspect sewage and storm water lift and pump stations; remove debris; disassemble and clean pumps and perform minor repairs when necessary.
- Respond to service requests from the public relating to various concerns such as stoppages and repairs of sewer mains, water pressure, leaks, and dirty water.
- Operate a variety of sewer cleaners, jet rodders, high pressure washers, portable pumps, blowers, paving breakers, and TV inspection equipment in the inspection, maintenance, and construction of sewer lines and laterals.
- Perform line locating and marking throughout the City for the sewer systems.
- Review plans and specifications to locate and mark lines throughout the City for sewer systems.
- Operate heavy equipment for trenching, pipe laying, and backfilling.
- Use equipment to determine concentration of hazardous gases.
- Observe safety precautions regarding traffic control, sewer entrance, and trenching, excavating, and power equipment operation.
- Participate in the containment and clean up of spills emanating from the collection system.
- Prepare and maintain written records and reports; enter time and materials information into computer system.

- Maintain and use tools, equipment, and materials.
- Perform related duties as assigned.

EMPLOYMENT STANDARDS

Knowledge of:

- Maintenance, repair, and operation of wastewater pumping stations, sewer collection systems, and water treatment plant operations, and/or underground water distribution facilities.
- Methods, techniques, tools, and equipment used in the construction, maintenance, and repair of wastewater collection systems, including pump stations.
- Proper use and maintenance of hand tools, power tools, mechanical and hydraulic equipment.
- Safe work practices and procedures.
- Safe driving principles and practices.
- Confined space entry procedures.
- Basic computer skills.

Ability to:

- Operate specialized equipment and tools used in wastewater collection pump station maintenance, construction, and repair.
- Operate a variety of heavy construction and maintenance equipment including a backhoe.
- Interpret gauges, recording devices, and other monitoring equipment that reflect operations and make appropriate adjustments.
- Perform basic calculations using concepts of basic algebra and geometry.
- Read, analyze, and understand technical procedures of SCADA.
- Perform heavy physical labor for extended periods of time.
- Troubleshoot; identify problems and take the appropriate course of action.
- Perform daily maintenance on trucks and related construction equipment.
- Establish and maintain effective working relationships with those contacted in the course of work.
- Effectively communicate verbally and in writing.
- Read and understand blueprints.
- Maintain safe working practices.
- Enter confined spaces.

Minimum Qualifications:

WASTEWATER COLLECTION TECHNICIAN I

Education:
Equivalent to the completion of the twelfth grade.

Experience:
One year of full-time experience in the maintenance, construction, and/or repair of wastewater collection systems, water treatment plant operations, or water distribution facilities.

AND

License, Certificate, Registration Requirements:

- Possession of a valid Collection System Maintenance Grade I certificate issued by the California Water Environment Association.
- Possession of or the ability to obtain and retain a California Class C driver license by the time of appointment. Individuals who do not meet this requirement due to a disability will be reviewed on a case-by-case basis.
- Positions may require possession of, or ability to obtain and retain a California Class B driver license.

WASTEWATER COLLECTION TECHNICIAN II

Education:
Equivalent to the completion of the twelfth grade.

Experience:
Two years of full-time experience in the maintenance, construction, and/or repair of wastewater collection systems, water treatment plant operations, or water distribution facilities.

AND

License, Certificate, Registration Requirements:

- Possession of a valid Collection System Maintenance Grade II certificate issued by the California Water Environment Association.
- Possession of or the ability to obtain and retain, a California Class C driver license by the time of appointment. Individuals who do not meet this requirement due to a disability will be reviewed on a case-by-case basis.
- Positions may require possession of, or ability to obtain and retain a California Class B driver license.

Physical Requirements:
Primary functions require sufficient physical ability and mobility to work in a field environment; to walk, stand, and sit for prolonged periods of time; to frequently stoop, bend, kneel, crouch, crawl, climb, reach, twist, grasp, and make repetitive hand movements in the performance of daily duties; to climb unusual heights on ladders; to lift, carry, push, and/or pull moderate to heavy amounts of weight up to 50 lbs; to operate assigned equipment and vehicles; and to verbally communicate to exchange information.
Vision: See in the normal visual range with or without correction.
Hearing: Hear in the normal audio range with or without correction.

Working Environment:
Work is performed in an outdoor field environment in inclement weather conditions; exposure to noise, unpleasant odors, chemicals, and other environmental substances; work in or around water; travel to and from various job sites; exposure to hazardous traffic conditions.

Other Requirements:
Must be willing to work weekends, holidays, and shifts.

Retitled: 4-1-08
Barg Unit: Local 39
Probation: 6 months