WASTEWATER SYS WORKER III

Bargaining Unit: SLOCEA - Trades, Crafts and Services

Class Code: 00009690

COUNTY OF SAN LUIS OBISPO
Established Date: Aug 18, 2015

SALARY RANGE

$28.68 - $34.86 Hourly
$4,971.20 - $6,042.40 Monthly
$59,654.40 - $72,508.80 Annually

DEFINITION:

Wastewater Systems Worker III is part of a career series for Wastewater Systems Worker Trainee, I, II, III and IV. Classes in this series perform a wide variety of unskilled, semi-skilled and skilled work in all phases of the operation, maintenance, repair, and light construction activities associated with waste water collection systems, waste water treatment, and waste water disposal systems; and perform other related work as required per the State Water Resources Control Board (SWRCB) regulatory board permits (Title 23 of the California Code of Regulations).

Incumbents may work in one or more of the following areas: (a) waste water collection systems; (b) waste water treatment operations; (c) disposal, discharge and/or reclamation; and/or (d) waste water storage operations, pump stations, force mains, and associated systems to ensure regulatory discharge and/or reclaimed water discharge requirements are met.

TYPICAL TASKS AND REPRESENTATIVE DUTIES:

(Not in order of importance)

- Operates pumps, motors, valves, gates, meters and other hydraulic structures to regulate water quality, quantity and discharge
- Installs, calibrates, inspects, repairs and performs routine maintenance on pumps, motors, valves, pipes and related equipment; assists in the installation of building sewers, collectors and sewer mains
- Maintains knowledge of, regulations and operations of waste water treatment and discharge through continuing education requirements and maintaining appropriate certifications for job class
- Operates various hand and power tools, motorized vehicles, forklifts, tractors, boats and other equipment as required
- Collects water samples, performs laboratory tests and makes recommended adjustments as required
- Inspects and maintains all waste water unit processes at assigned facilities
- Inspects and maintains waste water collection, conveyance, discharge and reclamation systems at assigned facilities
- Reads, monitors and records information resulting from water sample testing, process controls, automated control systems and Supervisory Control and Data Acquisition (SCADA) system
- Records observations of plant equipment and environmental factors that may affect plant operation and performance
- Performs general housekeeping and grounds maintenance at assigned facilities
- Follows all safety procedures and properly uses personal protective equipment, including respiratory devices, as required
- Responds to requests for on-call, holiday, weekend, after-hours support for plant operations
- Provides training and direction to subordinate staff as required
- Makes chemical adjustments, changes flow rates and other adjustments to maintain treatment of waste water
- Establishes and maintains effective working relationships with those contacted in the course of employment

DISTINGUISHING CHARACTERISTICS:

Waste Water Systems Worker Trainee: This is the trainee-level position in the series. Incumbents work under close supervision, performing a limited range of routine, unskilled and semi-skilled operational and maintenance assignments in a safe manner while becoming familiar with overall facility operations, locations and equipment. Incumbents are expected to promote to the next higher level Waste Water Systems Worker I after acquiring necessary experience and training and demonstrating satisfactory job performance. Appointment at this level will not be extended beyond two years.

Waste Water Systems Worker I: This is the entry-level position in the series. Incumbents work under close supervision, performing a variety of unskilled and semi-skilled operational and maintenance assignments in a safe manner, while developing an understanding of waste water operations and systems and reclamation; learn to operate and maintain a variety of plant equipment and machinery; utilize a variety of hand and power tools; perform routine water sampling and testing. May be designated as "operator-in-charge" as defined by the SWRCB (Chapter 26, Title 23 of the California Code of Regulations).

Waste Water Systems Worker II: This is the journey-level position in the series. Incumbents work under general supervision, performing a wide variety of unskilled, semi-skilled and skilled operational and maintenance assignments in a safe manner; perform complex assignments within established guidelines; operate and maintain a wide variety of plant equipment and machinery; utilize a wide variety of hand and power tools; perform water sampling and testing, interpret test results and take corrective action. May be designated as "operator-in-charge" as defined by the SWRCB (Chapter 26, Title 23 of the California Code of Regulations).

Waste Water Systems Worker III: This is the advanced journey-level position in the series. Incumbents work under general supervision as a lead worker, performing the most complex work assignments, and exercise judgment within established guidelines. Incumbents possess comprehensive knowledge of plant operations and maintenance protocols; assist in training, directing and supervising the work of subordinate staff; have responsibility for efficient plant and system operations. May be designated as "operator-in-charge" as defined by the SWRCB (Chapter 26, Title 23 of the California Code of Regulations).

Waste Water Systems Worker IV: Under general direction is the Chief Operator for a Wastewater Treatment facility. Supervises plant operations; evaluates and assigns personnel; sets up preventive maintenance programs and schedules; coordinates maintenance with operations activities; and assists in budget preparations; does other related work as required.

EMPLOYMENT STANDARDS:

Knowledge of:

- Operation of pumps, motors, valves, meters and hydraulic equipment
- Basic equipment maintenance and repair
- General plumbing, electrical and construction methods
- Water sampling and laboratory testing
- Data collection systems and computer software
- Regulations and practices of waste water collection, treatment, operations, storage, disposal, discharge and reclamation systems, to ensure discharge requirements are met
- Waste water system equipment, procedures and terminology
- Reading comprehension and basic mathematical computations
- Accepted methods of employee training and leadership
- Safety guidelines and procedure
- Basic mechanical and electrical characteristics of pumps, motors, valves, control panels, Supervisory Control and Data Acquisition (SCADA) systems, and other waste water measuring devices

Ability to:

- Operate and maintain a variety of pumps, motors, valves, meters and related equipment
- Complete standardized reports to record plant operations and conditions
- Inspect and repair plant equipment
- Operate a variety of hand and power tools
- Perform routine laboratory tests and interpret results
- Understand and follow written and verbal instructions
- Operate trucks, forklifts and other related equipment
- Handle hazardous chemicals safely and within established guidelines
- Operate automated control systems, telemetry equipment, computers and assigned software
- Establish and maintain effective relationships with others

EDUCATION AND EXPERIENCE:

All Levels: Graduation from high school or possession of a general educational development (GED) certificate

Waste Water Systems Worker Trainee: No experience required

Waste Water Systems Worker I: One year of qualifying experience as a waste water treatment plant operator or equivalent in accordance with the SWRCB (Chapter 26, Title 23 of the California Code of Regulations).

Waste Water Systems Worker II: Two years of experience as Waste Water Systems Worker I or equivalent in accordance with the SWRCB (Chapter 26, Title 23 of the California Code of Regulations).

Waste Water Systems Worker III: Three years of experience as a Waste Water Systems Worker II or equivalent in accordance with the SWRCB (Chapter 26, Title 23 of the California Code of Regulations).

Waste Water Systems Worker IV: Four years of experience as a Waste Water Systems Worker III or equivalent in accordance with the SWRCB (Chapter 26, Title 23 of the California Code of Regulations).

LICENSES AND CERTIFICATES:

All Levels: A valid Class "C" driver license is required at the time of application.

Waste Water Systems Worker Trainee: No certificate required. Within 24 months of appointment must possess a valid SWRCB Waste Water Treatment Plant Operator Grade I Certification.

Waste Water Systems Worker I: Possession of a valid SWRCB Waste Water Treatment Plant Operator Grade I Certification or equivalent. Within 24 months of appointment must possess a SWRCB Waste Water Treatment Plant Operator Grade II Certification, which must be maintained throughout employment.

Waste Water Systems Worker II: Possession of a valid SWRCB Waste Water Treatment Plant Operator Grade II Certification or equivalent. Within 36 months of appointment must possess a SWRCB Waste Water Treatment Plant Operator Grade III Certification, which must be maintained throughout employment.

Waste Water Systems Worker III: Possession of a valid SWRCB Waste Water Treatment Plant Operator Grade III or higher Certification or equivalent, which must be maintained throughout employment.

Waste Water Systems Worker IV: Possession of a valid SWRCB Waste Water Treatment Plant Operator Grade IV or higher Certification or equivalent, which must be maintained throughout employment.

OTHER SPECIFICATIONS:

Positions in this classification are subject to the United States Department of Transportation (DOT) Alcohol/Drug testing requirements. Selected applicants will be required to pass a Pre-Employment drug test prior to appointment and shall be subject to Random, Post-Accident, Reasonable Suspicion, Return-To-Duty, and Follow-Up testing during employment.

Must be willing and able to work alternating shifts and weekend work to provide coverage after normal workday or irregular and on-call emergency requests on nights, weekends, and holidays. Must keep hair and facial hair consistent with the ability to ensure proper use of safety equipment.

This class specification generally describes the duties and responsibilities characteristic of the positions(s) within this class. The duties of a particular position within a multi-position class may vary from the duties of other positions within the class. Accordingly, the essential functions of a particular position (whether it be a multi-position class or a single-position class) will be identified and used by medical examiners and hiring authorities in the selection process. If you have any questions regarding the duties or the working conditions of the position, please contact the Human Resources Department at 805.781.5959.