



Office of Human Resources
Water Quality Investigator - CN2098
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General Statement of Duties

Performs full-performance level investigation and enforcement work to ensure compliance with federal, state, and municipal codes and regulations relating to wastewater rules and regulations.

Distinguishing Characteristics

This class is distinguished from other investigator/inspector classes as the positions in this class are responsible for investigation, enforcement, and compliance of regulations related to wastewater issues.

Level of Supervision Exercised

By position, performs lead work.

Essential Duties

Conducts full-performance level, on-site investigations and inspections, to ensure compliance to city codes and federal, state, and/or local regulations relating to wastewater rules and regulations.

Issues summons and complaints against violators of city, state, and/or federal codes related to wastewater rules and regulations.

Gathers evidence, testifies, and assists in the prosecution of offenders of city, state, and/or federal codes related to wastewater rules and regulations.

Investigates illicit discharges to the storm and sanitary sewer systems.

Monitors the function and audits the bills from cleanup companies under contract with the city to clean up sanitary sewer backups into homes and/or businesses.

Works with the section supervisor and the City Attorney's Office on claims for personal losses to citizens involved in sewer backups.

Determines the amount of water purchased but not entering the sanitary sewer due to irrigation, evaporative cooling, or product use for all industries.

Responds to citizen complaints and/or concerns related to sewer odors, illegal discharge in the city storm and sanitary sewer system, or other sewer related issues.

Coordinates work with other sections within Wastewater Management to resolve problems such as broken private taps, location of contamination entering the storm and sanitary sewer system, and sources of sewer clogs and backups.

Responds to city emergencies such as floods, spills, illicit discharges, or backups.

Collects samples to ascertain effluent and pollution levels.

Performs inspections of removal and recovery systems such as acid neutralization, sumps, silver and heavy metal removal systems, and wastewater detention systems for compliance with wastewater rules and regulations, appropriate ordinances, and EPA standards.

Approve or deny variances from Public Works pretreatment requirements, and work with the public to resolve compliance issues identified.

By position, reviews engineer or architectural plans to determine if pollution control considerations and devices are adequate, including on-site review of construction installation of pollution devices, chemical and waste inventories, and control manholes.

Any one position may not include all of the duties listed. However, the allocation of positions will be determined by the amount of time spent in performing the essential duties listed above.

Competencies

Arithmetic - Performs computations such as addition, subtraction, multiplication, and division correctly using whole numbers, fractions, decimals, and percentages.

Customer Service – Interacts with customers in a friendly and professional manner, works to resolve issues quickly and effectively, and is knowledgeable about products and services.

Decision Making - Specifies goals and obstacles to achieving those goals, generates alternatives, considers risks, and evaluates and chooses the best alternative in order to make a determination, draw conclusions, or solve a problem.

Interpersonal Skills - Shows understanding, friendliness, courtesy, tact, empathy, cooperation, concern, and politeness to others and relates well to different people from varied backgrounds and different situations.

Reading - Understands and interprets written material, including technical material, rules, regulations, instructions, reports, charts, graphs, or tables; applies what is learned from written material to specific situations.

Reasoning - Identifies rules, principles, or relationships that explain facts, data, or other information; analyzes information and makes correct inferences or draws accurate conclusions.

Writing - Writes in a clear, concise, organized, and convincing manner for the intended audience.

Knowledge & Skills

Knowledge of investigation techniques sufficient to be able to conduct comprehensive investigations.

Knowledge of federal, state, and municipal codes and regulations relating to wastewater rules and regulations sufficient to be able to enforce compliance.

Education Requirement

Graduation from high school or the possession of a GED Certificate required plus college level course work in chemistry, algebra, and geometry.

Experience Requirement

Two (2) years of experience working with and explaining rules and regulations pertaining to storm and sanitary sewer systems which must have included experience interpreting engineering and architectural drawings and working with mapping systems.

Education & Experience Equivalency

Additional appropriate experience may be substituted for the minimum education requirement.

Licensure & Certification

By position, requires a valid Driver's License at the time of application.

Licenses and certifications must be kept current as a condition of employment.

Working Environment

Potential exposure to odorous chemicals and specimens.

Potential exposure to toxic chemicals.

Pressure due to multiple calls and inquiries.

Subject to many interruptions.

Subject to varying and unpredictable situations.

Subject to long, irregular hours.

Wet: frequent contact with water, liquid, chemicals, or sanitary sewage.

Wet: frequent contact with water or other liquid.

Temperature Changes: Variations in temperature from hot to cold when works in the field.

Temperature Changes: variations in temperature from hot to cold.

Subject to hazards of flammable or explosive gases.

Subject to burns and cuts

Personal Safety: aware of surroundings, people, and events.

Handles emergency or crisis situations.

Exposure due to soil, plants, and insects.

Potential exposure to hazardous/toxic chemicals.

Level of Physical Demand

2-Light (10-20 lbs.)

Physical Demands

(Physical Demands are a general guide and specific positions will vary based on working conditions, locations, and agency/department needs.):

Field of Vision: ability to adjust vision to bring objects into focus. Field of Vision: ability to see peripherally.

Balancing: maintaining body equilibrium to prevent falling over.

Carrying: transporting an object, usually by hand, arm, or shoulder.

"Climbing/Balancing: Climbing walls, fences and other obstacles and balancing.

Climbing: Ascending or descending objects"

Color Vision: ability to distinguish and identify different colors.

Crouching: bending body downward and forward by bending legs.

Depth Perception: ability to judge distances and space relationships.

Eye/hand/foot coordination: performing work through using two or more.

Vision Far acuity: ability to see clearly at 20 feet or more.

Field of Vision: ability to see peripherally.

Hearing: perceiving the nature of sounds by the ear.

Lifting: raising or lowering objects weighing no more than 20 pounds, from one level to another.

Vision Near acuity: ability to see clearly at 20 inches or less.

Sitting: remaining in the normal seated position.

Standing: remaining on one's feet in an upright position.

Stooping: bending the body by bending spine at the waist.

Talking: expressing or exchanging ideas by means of spoken words.

Walking: moving about on foot.

Walking: moving about on foot on uneven surfaces.

Background Check Requirement

Criminal Check
Employment Verification
By position, Motor Vehicle Record
Education Verification

Assessment Requirement

None

Probation Period

Six (6) months.

Class Detail

Pay Grade: N-619
FLSA Code: N
Established Date: 9/21/2018
Established By: LS
Revised Date:
Revised By:
Class History: