



Office of Human Resources
Wastewater Quality Technician - CE2432
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General Statement of Duties

Performs full performance work collecting samples and performing accurate field tests on liquids and materials using a variety of measuring devices in support of Wastewater Sampling Programs and to ensure compliance with governmental and environmental regulations.

Distinguishing Characteristics

This class collects a variety of liquid and material samples in the support of Wastewater Sampling Programs. This class is distinguished from the Wastewater Quality Control Supervisor that supervises the daily operations of the Sampling Section of the Wastewater Management Division. The Wastewater Quality Technician class is distinguished from the Water Quality Investigator that 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.

Level of Supervision Exercised

By position, performs lead work.

Essential Duties

Collects a variety of liquids and materials according to regulatory requirements and good laboratory practice standards to ensure compliance with governmental and environmental regulations and engineering and construction specifications.

Operates, maintains, calibrates, and programs a variety of measuring devices, determines what type of data is needed for collection and/or measurement based on regulatory protocols, and evaluates equipment needs and recommends replacement when needed.

Conducts routine to difficult field analyses of bacteriological/environmental samples in storm water and investigates and identifies the sources of storm water pollution using standardized procedures.

Performs flow measurements on sanitary and storm water and samples sanitary sewage for industrial waste.

Prepares and interprets reports and enters and retrieves information in a computer.

Observes all common safety practices associated with the work assignment.

By position, assists in training and checking the work of other employees on various projects.

Performs other related duties as assigned or requested.

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/Mathematical Reasoning - Performs computations such as addition, subtraction, multiplication, and division correctly; solves practical problems by choosing appropriately from a variety of mathematical techniques such as formulas and percentages.

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.

Technical Competence - Uses knowledge that is acquired through formal training or extensive on-the-job experience to perform one's job; works with, understands, and evaluates technical information related to the job; advises others on technical issues.

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

Knowledge & Skills

Knowledge of common safety hazards and precautions in order to safeguard self and others in creating and maintaining a safe work environment.

Skill in conducting investigations to ensure compliance with applicable rules and regulations.

Skill in cleaning, packing and storing tools and equipment.

Education Requirement

Graduation from high school or the possession of a GED, HiSET or TASC Certificate.

Experience Requirement

Two (2) years of experience performing environmental sampling or three years of performing infrastructure field maintenance involving setting up instrumentation and monitoring and/or recording data.

Education & Experience Equivalency

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

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

Atmospheric Conditions: conditions that affect the skin or respiratory system.

Potential exposure to extremes of heat and cold in all weather conditions.

May come in contact with contaminated materials including radiation and hazardous waste.

Subject to work in a confined space.

Level of Physical Demand

1-Sedentary (0-10 lbs.)

Physical Demands

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

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

Walking: moving about on foot.

Lifting: raising or lowering objects weighing no more than 10 pounds, from one level to another.

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

Pushing: exerting force upon an object so that the object is away.

Pulling: exerting force on an object so that it is moving to the person.

Balancing: maintaining body equilibrium to prevent falling over.

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

Reaching: extending the hand(s) and arm(s) in any direction.

Handling: seizing, holding, grasping, or otherwise working with hand(s)

Fingering: picking, pinching, or otherwise working with fingers.

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

Hearing: perceiving the nature of sounds by the ear.

Repetitive motions: making frequent movements with a part of the body.

Accommodation: ability to adjust vision to bring objects into focus.

Background Check Requirement

Criminal Check

Employment Verification

By position, Motor Vehicle Record

Assessment Requirement

None

Probation Period

Six (6) months.

Class Detail

Pay Grade: E-618

FLSA Code: N

Established Date: 9/21/2018

Established By: LS

Revised Date:

Revised By:

Class History: