

**CITY OF CONCORD
CLASS SPECIFICATION**

CLASS TITLE: WASTEWATER MAINTENANCE MANAGER
DEPARTMENT: GENERAL SERVICES
REPORTS TO: WASTEWATER TREATMENT PLANT SUPERINTENDENT

JOB CODE: 2409
DATE: 12/24

JOB SUMMARY:

Performs responsible technical and supervisory work involving the maintenance and repair of all wastewater treatment plant facilities, pump stations, and grounds.

ESSENTIAL JOB FUNCTIONS:

Carries out supervisory responsibilities in accordance with city policies, procedures, and applicable laws, including training in job skills, addressing complaints, resolving problems, conducting performance appraisals, ensuring efficient utilization of resources, and planning, assigning, and directing work activities.

Responsible for overseeing, maintaining, and recording accurate data pertaining to plant and pump station maintenance activities, including, but not limited to equipment work order history, preventive maintenance performed, pump station flows, and instrument calibration records.

Responsible for the identification, organization, planning, evaluation and implementation of all work activities within the maintenance section of the Wastewater Division.

Procures and maintains adequate inventory of parts, materials, and supplies to ensure efficient and continuous operation of the wastewater treatment facilities.

Maintains the Division's computerized maintenance management system

Manages the implementation of maintenance activities associated with the computerized maintenance management system including repair and preventative maintenance tasks as needed.

Utilizes the supervisory control and data acquisition (SCADA) system to evaluate process and equipment data and make mechanical changes to the plant and pump station process equipment.

Actively participates in facility maintenance and repair activities as necessary.

Evaluates and recommends improvements to processes, equipment, and procedures.

Prepares reports and memos as necessary to communicate required information to supervisor and subordinates.

Acts as project manager for complicated in-house maintenance projects undertaken by city staff.

Coordinates with outside vendors and contractors to facilitate needed repair parts and services.

Prepares scope of work (SOW) documents for outsourced project work not related to the Capital Improvement Plan (CIP).

Assists with various public outreach events including plant tours, local classroom visits, and various public events.

Respond to after-hours emergencies at plants and related facilities as assigned.

Participates in the Division's health and safety program.

Attends meetings with city staff or outside consultants to assist in the review and development of project proposals, discuss department or division goals and objectives, and provide input regarding development of the annual division operating budget.

Performs other related duties as assigned.

MATERIAL AND EQUIPMENT USED:

Motor Vehicles	Generator	Meters
Welding Equipment	Electrical Testing Equipment	Pumps
Hand Tools	Shop Tools	Power Tools
Compressor	Fork Lift	Computer
Ventilation Blower	Telephone	Photocopier
Process Controls	CMMS Systems	HVAC Equipment

MINIMUM QUALIFICATIONS REQUIRED:

Education and Experience: High School diploma or GED; and two years of additional formal training or course work in a related trades maintenance field; and Four years of progressively responsible experience in facility repair and maintenance with at least two years in a supervisory capacity; or any combination of education, training and experience which provides the knowledge, skills and abilities required for the job.

Licenses and Certifications:

Current Grade II State of New Hampshire Water Pollution Control Facility Operator's License; Valid New Hampshire Driver's License; May be required to be respirator qualified

KNOWLEDGE, SKILLS, AND ABILITIES:

Knowledge of:

Methods, techniques, processes, equipment, and machinery utilized in the operation of a wastewater treatment plant.

Principles of supervision, training, and performance evaluation.

Applicable state, federal, and local laws, rules, and regulations.

Record keeping, report preparation, filing methods, and records management techniques.

Computer applications related to the work.

Fluent in PLC logic, electronic flow and level sensing equipment troubleshooting and calibration, modern HVAC operation and control, radio communication equipment operation and maintenance, and advance wastewater process controls.

SCADA system operation and basic troubleshooting.

Basic budgetary principles.

Skill in:

Organizing work and setting priorities.

Project Management

Analytical practices.

Communicating clearly and effectively, orally and in writing.

Preparation of clear and concise reports, memos, and other correspondence.

Use of tools and equipment required in operation and repair of wastewater treatment systems.

Must have excellent mechanical and electro-mechanical aptitude.

PLC and system controls

Building and wastewater facility maintenance and repair including electrical, mechanical and general construction.

Scheduling and time management.

Mental and Physical Abilities to:

Read and interpret documents such as safety rules, and operation and maintenance instruction and procedure manuals.

Provide direct supervision of assigned work unit.

Follow written and oral instructions.

Perform routine and strenuous work.

Instruct others in techniques and methods utilized in the wastewater treatment system.

Define problems, collect information, establish facts, and draw valid conclusions.

Complete highly technical tasks including PLC programming, CMMS, and SCADA operation.

Read and understand engineering plans and specifications.

Perform duties while sitting at a desk or table or while intermittently sitting, standing, stooping, walking, bending, or crouching.

Occasionally lift light and heavy objects.

Climb ladders.

Use tools or equipment requiring a high degree of dexterity.

Working Conditions:

Work is performed in an office and at a Wastewater Treatment Plant and related facilities.

The employee may be exposed to noise, dust, dirt, grease, machinery with moving parts, contagious or infectious diseases, or irritating chemicals.

Work is performed outdoors, occasionally in cold or inclement weather.

Work requires the use of protective devices such as masks, goggles, or gloves.

This class specification should not be interpreted as all inclusive. It is intended to identify the essential functions and requirements of this job. Incumbents may be requested to perform job-related responsibilities and tasks other than those stated in this specification. Any essential function or requirement of this class will be evaluated as necessary should an incumbent/applicant be unable to perform the function or requirement due to a disability as defined by the Americans with Disabilities Act (ADA). Reasonable accommodation for the specific disability will be made for the incumbent/applicant when possible.

