

DEPARTMENT: NIAGARA COUNTY SEWER DISTRICT
CLASSIFICATION: COMPETITIVE
APPROVED: JUNE 27, 1996

SENIOR SANITARY CHEMIST

DISTINGUISHING FEATURES OF THE CLASS: Incumbent conducts and/or supervises on going inspections and sampling of industrial users. Oversees the New York State Department of Health certified laboratory, EPA approved Industrial Pretreatment Program and the OSHA Required Safety Programs. Issues, modifies, and renews industrial discharge permits. Assures that the Districts EPA approved Industrial Pretreatment Program is implemented in accordance with regulations. Communicates with government officials and industries regarding conditions/requirements of industrial discharges. Serves as certified Laboratory Director per New York State Department of Health regulations. Develops and maintains detailed analytical procedures, quality control records and statistical analysis data. Reviews all laboratory data which is released to Federal, State and local agencies. Serves as supervisor of plant operations in the absence of the Chief operator. Supervision is received directly from the Chief Operator. Does related work as required.

TYPICAL WORK ACTIVITIES:

1. Conducts and/or supervises ongoing inspections and sampling of industrial users, issues, modifies and renews industrial discharge permits. Checks all reports submitted by industrial users for compliance and takes action as necessary. Assures that the Districts EPA approved Industrial Pretreatment Program is implemented in accordance with applicable regulations. Communicates regularly with government officials and industries regarding conditions/requirements of industrial discharges. Serves as the contact person for industrial users to communicate with regarding special industrial discharges, permit requirements, and violations;
2. Serves as certified Laboratory Director per New York State Department of Health regulations; develops and maintains detailed analytical procedures, quality control records and statistical analysis data, reviews the integrity of all laboratory data which is to be released for purposes of reporting to Federal, State, and local agencies;
3. Plans, supervises and participates in the general day-to-day operation of the laboratory, trains and instructs subordinates in proper laboratory procedures, equipment use, and maintenance, writes and maintains up-to-date procedure manuals, performs more difficult chemical, bacteriological and microscopic examination of water and wastewater;
4. Maintains and administers the District's employee OSHA Safety programs in accordance with OSHA Federal and/or State regulations, develops, maintains, and updates the District's written programs for Hazard Communication Standard, Confined Space Entry, Lockout Tagout, Respirator Use and any other required employee safety programs, conducts periodic training sessions for District employees in accordance with applicable regulations, coordinates additional employee training and scheduling for First Aid/CPR, OSHA medical evaluations, and respirator fit testing;
5. Troubleshoots and solves technical problems relating to laboratory procedures, on-site/off-site automated sample collection procedures and in-plant chemical and bacteriological process control;
6. Assists Chief Operator with plant operation, responsible for supervision of plant operations in the absence of the Chief Operator, trains new employees in laboratory skills as well as theory of wastewater treatment plant operations, in preparation for their licensing examinations;
7. Keeps informed on the latest developments in chemistry, sanitary science, and the wastewater field through the study of professional literature, and attendance at professional conferences/seminars;
8. Conducts research and special studies to increase plant efficiency and to obtain improved results, and assures compliance with Community Right-To-Know Regulations, serves as the primary contact person for after hours chemical emergencies relating to the plant and field pump stations, regularly submits the required Hazard Chemical Inventory Forms/Site Plans/Safety Data to State/local disaster agencies and applicable local fire departments, also maintains up-to-date compilation of Material Safety Data Sheets for all hazardous chemicals on-site and at field pump stations.

CONTINUED

SENIOR SANITARY CHEMIST

FULL PERFORMANCE KNOWLEDGES, SKILLS, ABILITIES AND PERSONAL CHARACTERISTICS:

Thorough knowledge and skill in modern laboratory principles, techniques, equipment and safety precautions including the chemical and bacteriological analysis of wastewater and water; thorough knowledge of the principles of wastewater treatment plant operations; good knowledge of supervision; good knowledge of applicable Federal, State and local regulations regarding New York State Department of Health Environmental Laboratory Approval Program, S/NPDES discharge regulations, Industrial Pretreatment, OSHA worker safety requirements; familiarity with personal computer software/systems, good communication skills both oral and written, physical condition commensurate with the demands of the position.

MINIMUM QUALIFICATIONS: Graduation from high school or possession of a New York State approved high school diploma;

AND: Graduation from a regionally accredited or New York State registered approved college or university with a Bachelor of Science or Bachelor of Arts degree with 30 semester credit hours of Chemistry;

AND: Six (6) years of experience in sanitary chemistry with at least two (2) years being in a laboratory supervisory capacity, and at least one (1) year experience related to the implementation of an Industrial Pretreatment Program, and at least one (1) year of experience related to the implementation of worker safety programs as related to Hazcom, Right-to-Know, Lockout Tagout and Confined Space Entry;

AND: Possession of a New York State Grade 3A Wastewater Treatment Plant Operators License or higher.