

LABORATORY TECHNICIAN

DISTINGUISHING FEATURES OF THE CLASS: This is analytical laboratory work of routine difficulty performed in the Water and Wastewater Departments. The work involves the responsibility for performing routine laboratory tests and, at times, performing some functions of a Senior Laboratory Technician. Direct supervision is received from senior laboratory personnel with general instructions on recurring assignments. The Laboratory Technician performs related work as required.

TYPICAL WORK ACTIVITIES:

Conducts routine standard qualitative and quantitative analyses;
Performs chemical and bacteriological analyses of air, water, wastewater, sludge and sediment samples;
Makes up chemical standards, solutions and culture media used in testing processes;
Organizes data and records results of tests;
Collects samples when required.

FULL PERFORMANCE KNOWLEDGES, SKILLS, ABILITIES AND PERSONAL CHARACTERISTICS:

Thorough knowledge of laboratory practices and techniques, equipment and terminology; thorough knowledge of testing procedures encountered in the Water and Wastewater laboratories; skill in the techniques of operating and caring for standard laboratory equipment and apparatus, and in performing laboratory routines; ability to follow technical instructions; ability to adhere to safety precautions in the handling of laboratory chemicals; thoroughness; dependability; initiative; physical condition commensurate with the demands of the position.

MINIMUM QUALIFICATIONS: EITHER

(A) Graduation from a regionally accredited or New York State registered college or university with an Associate's degree in laboratory technology or related natural science/technology;

OR

(C) Graduation from high school or possession of a high school equivalency diploma and two (2) years of experience in a laboratory performing technical laboratory procedures.

NOTE: Additional appropriate education beyond high school graduation can be substituted for experience on a year-for-year basis: high school graduation is required; additional experience beyond two (2) years cannot be substituted for high school graduation or possession of high school equivalency diploma.