

Department: Village of Lake Placid
Classification: Non-Competitive
Grade: _____

SPEC DISK C5
DOCUMENT 41

LABORATORY TECHNICIAN

DISTINGUISHING FEATURES OF THE CLASS: This is technical laboratory work involving the physical, chemical, bacteriological and microscopic examination of raw and treated water, wastewater and sludges. The work is performed in accordance with prescribed procedures requiring a high degree of accuracy. The work is performed under the direct supervision of a higher-ranking department employee. A laboratory technician does related work as required.

TYPICAL WORK ACTIVITIES:

- Collects samples for laboratory analysis;
- Performs physical, chemical, bacteriological and microscopic examination of raw and treated water, wastewater and sludge;
- Records and tabulates the results of tests and data for use by superiors;
- Maintains an inventory of laboratory supplies, media, chemicals and equipment;
- Calibrates, operates and maintains laboratory equipment and automatic sampling equipment;
- Confers with supervisors regarding on going operations and problems encountered;
- Maintains laboratory and chemical storage facilities in a safe, clean, and orderly fashion;
- Participates in training of plant personnel;
- May assist in preparing budget requests;
- Attend laboratory related courses and seminars.

FULL PERFORMANCE KNOWLEDGES, SKILLS, ABILITIES AND PERSONAL CHARACTERISTICS:

Good knowledge of modern laboratory techniques, equipment, terminology and safety precautions used in the analysis of water, wastewater and sludge; working knowledge of the principles of environmental health as related to waste water treatment; skill in the operation and care of laboratory equipment and apparatus, and use and storage of chemicals; ability to understand and carry out technical oral and written instructions; ability to maintain technical records and reports; thoroughness; accuracy; physical condition commensurate with the demands of the position.

MINIMUM QUALIFICATIONS: Either:

- (a) Graduation from a regionally accredited or New York State registered two year college or university with an associate degree in laboratory technology or a related field; or
- (b) Graduation from high school or possession of a high school equivalency diploma and two years of experience in performing tests in a public health laboratory or performing laboratory tests involving water or sewage analysis; or
- (c) An equivalent combination of training and experience as defined by the limits of (a) and (b).

NOTE: Candidates must be eligible for appropriate New York State driver's license.

Revised: 02/27/92