

## RESEARCH SCIENTIST

GENERAL STATEMENT OF DUTIES: Supervises and performs analyses of drinking, waste, estuarine and industrial waste waters, air, food and other environmental materials; does related work as required.

DISTINGUISHING FEATURES OF THE CLASS: Under the general supervision of a professional or higher level technical employee, assumes responsibility for environmental laboratory analyses. Supervision is exercised over a number of technical employees.

EXAMPLES OF WORK: (Illustrative Only)

Assigns and supervises the work of technicians;

Performs special tests of a highly technical nature;

Introduces new methods and procedures;

Compiles, interprets and evaluates data of the routine laboratory work and for quality contract purposes;

Keeps abreast of recent developments in the field and current events;

Performs environmental bacteriological procedures.

REQUIRED KNOWLEDGE, SKILLS, ABILITIES AND ATTRIBUTES: Thorough knowledge of the practices and principles associated with the field of environmental chemistry; good working knowledge of the field of environmental bacteriology; ability to perform individual and supervisory professional work of considerable difficulty and responsibility; ability to understand, follow and explain technical instructions; accuracy; initiative; good judgment; good health.

MINIMUM ACCEPTABLE TRAINING AND EXPERIENCE: Graduation from a recognized college or university with a bachelor's degree\* which includes a major in chemistry or a major in a biological science plus a minor in chemistry and either (a) Master's Degree\* with a major in chemistry or environmental science and two years of laboratory experience in environmental chemistry one of which must have been in a supervisory capacity or (b) three years of laboratory experience in environmental chemistry two years of laboratory experience in environmental chemistry and one year in a related field, one year of which must have been in a supervisory capacity or (c) a satisfactory equivalent combination of the foregoing academic training and experience.

\*SPECIAL NOTE: Education beyond the secondary level must be from an institution recognized or accredited by the Board of Regents of the New York State Education Department as a post-secondary, degree-granting institution.

West. Co.  
J.C.: Competitive  
EW

Job Class Code: C0871  
Job Group: X