

LABORATORY TECHNICIAN II

GENERAL DEFINITION OF WORK:

Performs intermediate technical work in conducting chemical and bacteriological tests; does related work as required. Work is performed under the regular supervision of the Laboratory Supervisor and the Environmental and Safety Manager.

This is light work requiring the exertion of up to 45 pounds of force occasionally, up to 10 pounds of force frequently, and a negligible amount of force constantly to move objects; work requires stooping, kneeling, reaching, standing, lifting, grasping, and repetitive motions; vocal communication is required for expressing or exchanging ideas by means of the spoken word; hearing is required to perceive information at normal spoken word levels; visual acuity is required for color perception, preparing and analyzing written or computer data, use of measuring devices, operation of machines, determining the accuracy of thoroughness of work, and observing general surroundings and activities; the worker is subject to inside environmental conditions, hazards and atmospheric conditions. The worker may be exposed to blood borne pathogens and may be required to wear specialized personal protective equipment.

ESSENTIAL FUNCTIONS/TYPICAL TASKS:

Conducts chemical and bacteriological tests to ensure compliance and conformity with requirements and regulations;
Performs standard chemical and bacteriological tests on effluent for conformity to regulations;
Conducts special tests as required;
Prepares and calibrates equipment and reagents;
Analyzes test results; prepares records and reports;
Records test results on prepared forms, records test results in electronic spreadsheet/database, and maintains records;
Cleans and sterilizes glassware, laboratory equipment, and work area;
Performs related tasks as required.

KNOWLEDGE, SKILLS AND ABILITIES:

Thorough knowledge of chemical principles, terminology, techniques, equipment and laboratory tests pertaining to analysis of waste and water samples; general knowledge of the processes and treatment stages involved in wastewater treatment; ability to use laboratory and related equipment and to compute and record test results; ability to plan work load to meet time requirements; ability to establish and maintain effective working relationships with other employees. Proficiency in the use of PC applications including Word and Excel preferred.

EDUCATION AND EXPERIENCE:

High School Diploma or equivalent required. Any combination of education and experience equivalent to a Bachelor of Science with major course work in Biology, Chemistry, Environmental Science or a related field preferred. Some experience in performing laboratory tests of wastewater samples preferred.