

**JOB TITLE:** Laboratory Technician

**JOB STATUS:** Non-Exempt

**GENERAL DESCRIPTION OF WORK PERFORMED:**

Perform biological and chemical analyses for environmental health within the water and wastewater industry. This includes collecting samples by using clean sampling protocol and wet chemistry technique for examination of BOD, TKN, Total Organic carbon, Total Trihalomethanes, mono-chloramines, chlorides, solids, nitrate, nitrite, and microbiological analytes. Analyses meet NPDES and EPA requirements and are based on “Standard Methods for the Examination of Water and Wastewater” procedures. Tests determine regulated permit compliance and process quality control. Periodic special test sampling and analyzing may be required. Carrying out routine tasks accurately and following strict methodologies for preparing media, reagents and operating laboratory equipment, for example centrifuges, titrators, pipetting, ISE meters, spectrophotometer, distillation and digestion equipment. Ensuring the laboratory is well-stocked and resourced. Using computer and software to input data and generate reports, laboratory forms, etc. Maintains laboratory work areas in clean and orderly appearance, meeting EPA and department of Environmental Quality inspection requirements.

**DESIRABLE EDUCATION AND EXPERIENCE:**

A two-year degree or relevant course work from a vocational/technical training center or college, or subsequent laboratory work experience is highly desirable.

**SPECIFIC JOB REQUIRMENTS MAY INCLUDE**

(But are not limited to):

1. Must have a high school diploma or GED
2. Must either have laboratory work experience or have numerous chemistry lab courses in an academic environment.
3. Must be able to make routine mathematical calculations and tabulations accurately and with reasonable speed.
4. Must establish and maintain good working relations with all other Authority personnel.
5. Must be able to lift and carry light to medium loads
6. Must be able to perform laboratory duties while standing
7. Must be able to climb stairs
8. Must be able to manipulate delicate instruments and glassware with dexterity
9. Must be able to work with chemicals and withstand unpleasant odors
10. Must be insurable on the Authority’s auto insurance policy.
11. Must maintain a residence which allows a reasonable time.

**REPORTS TO:** Lab Supervisor