

## **Laboratory Technician**

### **General Description:**

Under the immediate supervision and direction of the Senior Lab Technician , Assistant Lab Manager or Laboratory Manager. The laboratory technician will perform a variety of analysis, using certified procedures and equipment, both for permit requirements and process control. Maintains equipment and supplies needed for daily testing. Maintains cleanliness in the lab. Records data daily. Special testing performed as needed.

### **Duties include (but are not limited to):**

1. Collect daily samples of plant wastewater and sludge samples.
2. Assembles instruments and equipment for analysis.
3. Assist in preparation of reagents and equipment used in the laboratory.
4. Conducts tests independently, as scheduled and instructed, including but not limited to Solids, pH and Dissolved Oxygen.
5. Maintains accurate records of data.
6. Cleans, maintains and does preventive maintenance on equipment as requested.
7. Cleans and disinfects laboratory on daily basis. Washes sample jugs, glassware and loads and empties dishwasher.
8. Advises Supervisor of depleted supplies or malfunctioning equipment, or unusual data.
9. Other duties as assigned.

### **Qualifications:**

1. Ability to read, write, speak and understand the English language sufficiently to perform the duties of the position and communicate with associates.
2. Possession of a valid New Jersey driver's license.
3. Good health and freedom from any disabling physical or mental defects which would impair the proper performance of the required duties or which might endanger the health or safety of oneself or others. Some lifting required, including boxes of water and sample jugs.
4. Knowledge of the basic principles of chemical, physical and bacteriological examination, and the treatment of wastewater, sludge and related by-products.
5. Ability to composite data and write legibly.
6. Ability to interpret written procedures and data.
7. Understanding of pertinent local, state and federal regulations and requirements.
8. Familiarity with laboratory equipment and chemicals.

**Education and experience:**

High school graduate with at least two years of college courses in chemistry, biology or environmental sciences. At least two years experience in wastewater treatment or similar laboratory.

Or

High school graduate with college preparatory background and four years Laboratory Technician experience.

Or

A college graduate with a degree in chemistry, biology, bacteriology or environmental sciences.