



CITY OF PONTIAC EMPLOYMENT OPPORTUNITY



LABORATORY TECHNICIAN

SALARY: \$16.23 – \$17.23 Hourly

DESCRIPTION OF WORK

Position exists to apply standardized laboratory techniques and methods in performing physical and chemical tests and analyses on environmental samples to ensure wastewater treatment performed by the City meets discharge requirement for its National Pollutant Discharge Elimination System (NPDES) permit.

ESSENTIAL DUTIES

- Collect plant, industrial, and environmental sewage samples from various locations in the plant, sanitary and storm sewer systems, and prepare samples for analysis.
- Perform volumetric, gravimetric, and quantitative analyses on samples and test various chemicals and materials used in the operation of a sewage treatment plant.
- Record rainfall, temperature, and other weather data.
- Assist in special projects, quality control tests, and research for treatment or handling of water, wastewater, sludge or solids.
- Clean, maintain, store, inventory, setup and sterilize laboratory facilities, equipment, glassware, and supplies.

NOTE: Examples do not include all of the duties which the incumbent may be expected to perform. Duties may be assigned within the scope of the required knowledge, skills and abilities.

MINIMUM KNOWLEDGE, SKILLS AND ABILITIES

Knowledge of standard laboratory principles, techniques, equipment and materials, knowledge of basic principles of chemistry, physics, and mathematics, knowledge of the chemical composition, structure, and properties of substances and of the chemical processes and transformation that they undergo (includes uses of chemicals and their interactions, danger signs, production techniques, and disposal methods), knowledge of arithmetic, algebra, geometry, calculus, statistics, and their applications, and knowledge of machines and tools used in chemistry. Skill in handling laboratory equipment and in making calculations involved in laboratory work, skill in watching gauges, dials, or other indicators to make sure a machine is working properly, skill in communicating effectively in writing, and skill in using electronic spreadsheets and worksheets to compile, store and update data. Ability to perform a wide variety of chemical and biological tests on a routine basis and the ability to be observant. Ability to comply with residency requirements.

MINIMUM QUALIFICATIONS

High school diploma or G.E.D., at least 16 college credits in chemistry and a minimum of six (6) months of experience as a technician or assistant in a laboratory. These requirements may be fulfilled by any combination of training and experience, which provides the required knowledge, skills and abilities. Must possess and maintain a valid Michigan Operator's License.

HOW TO APPLY

Applications must be submitted on the City of Pontiac website under Employment Opportunities at http://www.pontiac.mi.us/departments/hr_postings.html. All applications must be received by Monday, March 15, 2010. Please direct all employment inquiries to humanresources@pontiac.mi.us. The City of Pontiac provides a comprehensive benefit program. **EEO/AA**