

## JOB DESCRIPTION

**POSITION:** Chemist I

**DIVISION:** Water Quality (Laboratory)

**SALARY:** \$21.74 - \$24.27

**POSTED:** October 9, 2019

**APPLICATION DEADLINE:** 4:00 pm, October 23, 2019

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**UNION:**

This position is included in the American Federation of State, County, and Municipal Employees (AFSCME) and will be filled in accordance with the provisions of the Collective Bargaining Agreement.

**DUTIES:**

Collects chemical and microbiological samples throughout the treatment and distribution systems (using EPA specified sampling protocols). Performs limited chemical and instrumental analyses of a variety of substances and materials both in the field and in the lab; carries out special projects as assigned; applies chemical and mathematical principles and practices in the preparation and standardization of tests and in making necessary calculations; maintains routine and complex records and compiles reports on work performed in laboratory both manually and by automated methods (laboratory LIMS system.); assists in performing special research projects (e.g., Giardia and Legionella research, etc.) as assigned; visits field sites to test materials and standardize remote metals; may assist bacteriologists in performing microbiological analyses; may work shifts, weekends and holidays; and performs activities and functions of related lower-level personnel and other related tasks and duties that are assigned or required.

**KNOWLEDGE/ABILITIES:**

Considerable knowledge of chemistry, mathematics and other related subjects; City geography; of the hazards and safety precautions of the work; and of laboratory principles, practices, procedures and equipment. Limited knowledge of microbiology and microbiological methods. Ability to handle potentially dangerous chemicals, pathogenic organisms and to lift heavy objects (up to 50 pounds); to follow moderate to complex oral and written instructions and to make independent judgments; to maintain records and prepare accurate reports either manually or by automated methods; proficient in Microsoft Office (Word, Excel); ability to communicate effectively both orally and in writing; and to establish and maintain effective working relationships with supervisory, associates and the general public.

**GENERAL REQUIREMENTS:**

Applicants must become domiciled within the City of Pittsburgh at time of appointment and remain domiciled within the City of Pittsburgh throughout employment with the PWSA. Verification of City domicile is required at time of appointment. Applicants must present a current, valid Class C (Class 1) Pennsylvania Motor Vehicle Operator's License prior to appointment. A valid driver's license must be maintained throughout employment.

**EDUCATION/EXPERIENCE REQUIREMENTS:**

To be considered eligible for this position, the application must clearly show a bachelor's degree in Chemistry or related field AND one-year professional analytical laboratory experience OR an equivalent combination of education and experience.

**PHYSICAL/WORKING CONDITIONS:**

The physical demands are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

**APPLICATION:**

Available in the Human Resources Department, 1200 Penn Avenue or online at [www.pgh2o.com](http://www.pgh2o.com). Please send the application, resume and cover letter to [hr@pgh2o.com](mailto:hr@pgh2o.com)

*You may be considered for other available positions based on qualifications provided on your employment application.*

**An Equal Opportunity Employer**

*The PWSA does not discriminate against anyone based on race, color, religion, ancestry, national origin, place of birth, sex, sexual orientation, family status, age, or non-disqualifying disability, or on any other basis protected by federal, state or local law.*