

Career Opportunity

with the Pittsburgh Water & Sewer Authority



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The City

Pittsburgh, PA

About Pittsburgh

Not only are its sports teams a mighty force to be reckoned with, but the city has overcome adversity in a big way. Pittsburgh's affordable standard of living, top-notch health care facilities, and cultural attractions combine to make it America's "Most Livable City."

Once a center for heavy industry, today Pittsburgh's skyline has been transformed. Riverfronts are thoughtfully developed, utilized for recreation now more than ever. Businesses look to the environment as an asset, not a challenge. And, best of all, "green" has replaced "smoky" for good.

Pittsburgh is a vibrant, mid-sized city that has the feel of a small town. Its approachability can be seen on the faces of its energetic, hard-working and proud people.

A City in Transformation

Bike, walk or rollerblade miles of riverfront trails and soak in fantastic urban views. Wrapped in rivers, intertwined with trails and packed with parks, it is a green and outdoor city in close contact with its surrounding countryside. Phipps Conservatory and Botanical Gardens opened its Center for Sustainable Landscapes, one of the world's first certified living buildings, a model of sustainability for architects, scientists, planners and anyone interested in living greener.

In the eyes of many of its visitors, Pittsburgh offers a surprising and unexpected experience, with natural beauty, unique terrain and diverse offerings at every turn. Pittsburgh's history and blue collar image makes the city and its inhabitants approachable and unpretentious.



The Organization

Pittsburgh Water & Sewer Authority

The Pittsburgh Water & Sewer Authority (PWSA) is a municipal water and sewer authority serving more than 300,000 people throughout Pittsburgh and surrounding areas in Allegheny County.

PWSA manages and operates the treatment and distribution of drinking water, the conveyance of sewage, and the management of stormwater systems serving residents and businesses of Pittsburgh.

PWSA is also the only municipal authority that is also regulated by the Pennsylvania Public Utility Commission. It is the largest combined water and sewer authority in Pennsylvania, producing an average of 70 million gallons of water daily.

PWSA currently serves 83,000 drinking water connections and 113,000 sewage service connections.



PWSA's drinking water system consists of five reservoirs, two water treatment plants, 11 pump stations, 11 tanks, and approximately 1,000 miles of water lines.

In addition, PWSA's sewer system is comprised of four booster pumping stations and approximately 1,200 miles of sewer lines.

PWSA has about 350 employees across six locations with the main headquarters located at 1200 Penn Avenue, Pittsburgh, PA, 15222.



The Position

Deputy Director, Water Production

Summary

The Deputy Director, Water Production will oversee the performance, operation, and maintenance of the Pittsburgh Water and Sewer Authority's Water Treatment Plant, membrane filtration plant, and pumping stations, ensuring that produced water and water distribution system quality meets or exceeds applicable city, county, state, and federal regulations, as well as expectations of the consumers.

Responsibilities

- Oversee day-to-day operations, maintenance and repair of complex system of reservoirs and storage tanks, settling basins, treatment and filter plants, and pumping stations.
- Direct, schedule, and inspect general plant operations, maintenance, and plant shutdowns; direct plant operations in emergency situations, including coordination with the County's Emergency Operations Center.
- Plan, direct, organize and control the materials, equipment and procedures toward the effective, efficient and economical attainment of relative program goals, including maximum convenience to the public and safety of employees.
- Develop and recommend changes to water treatment plant processes and approach, and minor equipment changes as necessary, in collaboration with the Laboratory, Operator of Record, and Environmental Compliance functions.
- Partner with leadership on matters of policy and short and long-term planning.
- Approve timecards, overtime and benefit usage requests, ensuring accuracy.
- Develop, manage, and report on Key Performance Indicators to measure work performance, operations and maintenance requirements.
- Assume accountability for the protection of the environment and public through compliance with water quality requirements, permit parameters, other federal, state and local regulations, and for accurate field laboratory data, and an effectively managed asset management program.
- Prepare technical specifications, review, and approve chemical purchases, repair contracts, new equipment, and materials; monitor contract performance.
- Direct the evaluation of new chemicals and treatment processes and procedures to maintain consistent water quality in the distribution system.
- Direct the analysis of all plant operations phases and methods to develop more efficient, cost effective, and technologically advanced methods of water treatment.
- Develop departmental budget including personnel, equipment, and capital planning.
- Supervise, evaluate, coach, mentor, train, discipline and motivate staff and contractors.
- Performs other related tasks as assigned or required.

The Position

Deputy Director, Water Production

Knowledge, Skills & Abilities

- Extensive knowledge of water treatment and process design and operations, water treatment and process engineering, laboratory sampling and analysis, process and distribution system hydraulic principles, pneumatics, mechanics, electronics, construction and maintenance related to potable water facilities operations.
- Extensive knowledge of unit process design and operations, process chemistry, and chemical reactions related to potable water treatment.
- Knowledge of Pennsylvania Utility Commission laws.
- Extensive ability to develop and implement best practices to promote continuous improvement, operational efficiencies, innovation and excellent customer service.
- Strong management skills (planning, organizing, analysis, problem solving, team working, employee development).
- Strong analytical, planning and organization skills.
- Knowledge of federal, state and local laws, ordinances, and regulations governing potable water supply.
- Proven ability to demonstrate excellent oral and written communication skills and strong interpersonal skills.
- Ability to prepare and understand complex technical documents, specifications, drawings, and reports.
- Proven ability to make decisions based on sound business judgements, and to set targets for the field operations department.
- Proven ability to establish and maintain effective working relationships with all departments, associates, outside agencies and the general public.
- Work independently, use time wisely, and complete assignments in a timely manner as well as take both verbal and written directions.
- Skilled in a variety of technology and media platforms with proficiency in Microsoft Office products.

Education / Experience Requirements

The following requirements list the *minimum* education/training/experience required to qualify for this job. An equivalent combination of education and/or experience may be accepted.

- Bachelor's Degree in engineering, chemistry, environmental science, or related field from an accredited college or university. Master's degree preferred.
- 10 years of related experience in the operation and management of a large capacity water treatment plant (50 mgd minimum). 5 years management experience.
- Must possess a Pennsylvania Class A Water Plant Operators Certificate or obtain within six months after date of hire.
- Preferred registered professional engineer.

General Requirements

Applicant must have permanent residency within one of the following Pennsylvania counties at the time of appointment and remain a resident within one of the noted counties throughout employment with the PWSA:

- Allegheny, Armstrong, Beaver, Butler, Fayette, Greene, Lawrence, Indiana, Washington, Westmoreland

Applicant must present a current, valid Class C (Class 1) PA Motor Vehicle Operator's License at the time of application or prior to appointment. A valid driver's license must be maintained throughout employment. Applicant must present an up-to-date COVID-19 vaccination at the time of application or prior to commencement of work (subject to applicable law including the Americans with Disabilities Act (ADA) and Title VII of the Civil Rights Act of 1964 reasonable accommodation requirements).

The Position

Deputy Director, Water Production

Supervision Exercised / Received

Will directly supervise Senior Manager of Production, Senior Manager of Maintenance, Senior Project Manager, Project Manager, Water Production Administrator, Senior Manager of Water Quality/Environmental Compliance.

Physical Demands

The physical demands described here 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.

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Conditions

While performing the duties of this job, the employee is regularly exposed to a moderate or quiet noise level in the office work environment. May perform work outdoors under extreme weather. The employee may be exposed to confined, high spaces, like erect scaffolding; loud conditions with vibrations, traffic, mechanical, chemical, fire, and explosive risks; and odors, dusts, fumes, mists, poor ventilation, and gases which may require a respirator. Availability to work weekends, and holidays. Subject to remain on duty beyond normal hours and/or recalled during emergency situations or other extensive periods.

Medical Examination

Employment may be contingent upon the results of a post-offer (initial employment or promotion) physical examination performed by the Authority's examining physician.

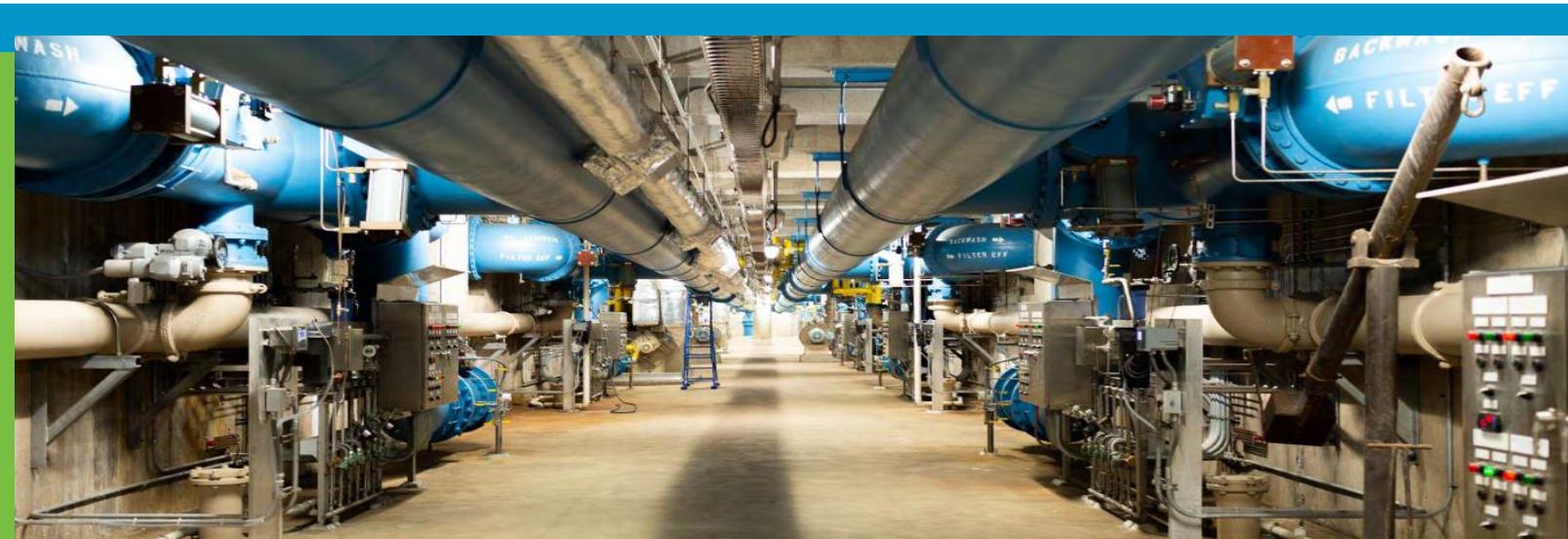
Drug Testing

Employment may be contingent upon the results of a post-offer (initial employment or promotion) drug screening. Continued employment may be subject to randomized drug and alcohol testing conducted without advance notice and for reasonable suspicion.

Pre-employment Background Investigation

Ability to successfully pass a thorough investigation consisting of a criminal history check, verification of prior employment and performance, reference, and credentials checks, and in some cases credit history.

Apply Today



How to Apply

You can also apply by visiting our pgh2o.com/careers page. If you have any questions regarding your application, please reach out to our Talent Acquisition Specialist:

Sarah Collins
Talent Acquisition Specialist
Office: 412.255.8800
Ext: 6876
scollins@pgh2o.com

Compensation & Benefits

Some of the benefits our employees enjoy include:

Health care, complimentary dental care, complimentary eye care, life insurance packages, paid vacation and personal time which increases over time, safe leave, maternity and paternity leave, 401-A packages with matching contributions, and tuition reimbursement programs.

Starting salary \$120,000 - \$140,000

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