

Treatment

Program Description & Goals

The Treatment Program encompasses the bureau's efforts to make sure drinking water is potable across the bureau's service area. Water treatment facilities for the Bull Run supply are currently located at Headworks (in the Bull Run Watershed) and Lusted Hill (between the watershed and the city). The Headworks facility adds chlorine for primary disinfection. The Lusted Hill facility adds sodium hydroxide for pH adjustment and ammonia to create chloramines. For the groundwater supply, treatment with sodium hypochlorite, ammonia, and sodium hydroxide occur at the groundwater pump station facility.

Measure Title	PM 2017-18 Actuals	PM 2018-19 Actuals	PM 2019-20 Target	PM 2020-21 Target	Strategic Target
Number of violations of state and federal drinking water quality regulations	0	0	0	0	0

Explanation of Services

This program provides the resources to treat water from Portland's sources in the Bull Run Watershed and Columbia South Shore Well Field to meet or exceed all state and federal regulations for drinking water. This includes continuous monitoring and optimization of treatment processes. This program also includes capital infrastructure planning, design and construction, operation, maintenance, and repair of treatment facility systems, and associated regulatory and process control monitoring.

This program will include operating and maintaining the new facilities and infrastructure built as part of the Corrosion Control Improvement and Bull Run Filtration Treatment Projects (to be operational by 2022 and 2027, respectively).

Equity Impacts

The goal of water treatment is to keep water safe to drink. Drinking water quality problems can have a disproportionately negative impact on communities of color and people with medical disabilities (those with compromised immune systems) as clean water source alternatives are more costly (namely bottled water). This program is also responsible for reducing the potential for lead and copper to leach into water. Nationally, lead poisoning disproportionately affects children of color.

Staff in this program do not work directly with the public and do not receive requests for accommodations.

This year's budget changes are unlikely to have equity impacts. The bureau will be embedding equity into the construction and hiring processes.

Changes to Program

The Capital budget will increase to implement City Council approved Resolution 37460 adopting a set of priority values, expectations and Recommended Option to guide the design and implementation of the Bull Run Filtration Projects on November 27, 2019.

Program Budget

	FY 2017-18 Actuals	2018-19 Actuals	2019-20 Revised	2020-21 Requested with DP
Bureau Expense				
Capital Outlay	199,212	6,761,582	9,920,000	43,985,000
External Materials and Services	1,775,274	3,085,691	3,841,722	6,126,206
Internal Materials and Services	689,772	1,970,994	153,731	174,556
Personnel	1,877,316	3,346,639	3,405,838	4,429,233
Sum:	4,541,574	15,164,907	17,321,291	54,714,995
	FTE	0	0	0
				27.19

Resources: Resources come from ratepayer charges for water and water-related services. Capital investments in water system infrastructure may also be funded with proceeds from issuance of Water Revenue Bonds and capital revenues. Capital revenues include sales of assets and System Development Charges from installations of new mains and services

Expenses: The operating budget totals \$3.3 million and the capital budget totals \$51.4 million. Main expenses in the operating budget include staffing, utilities, chemicals, supplies, and vehicle fleet. Major capital projects include Bull Run Filtration and Improved Corrosion Control Improvement treatment facilities.

Staffing: 10.9 (FTE) operating and 16.3 (FTE) capital positions support this program. These positions include water treatment operators, laboratory staff, and engineers, among others.

Assets and Liabilities: Assets include the treatment facilities at Headworks and Lusted Hill. The replacement value of the facilities and equipment is \$58 million. 90% of the infrastructure is in very good, good, or fair condition.

The Water Bureau has a robust Asset Management Program, with asset life-cycle strategies detailed in twenty-three asset management plans by asset type. These plans contain specific strategies for repair, renewal, and replacement of each asset type. While current condition of any asset type is an important factor, asset condition alone does not drive where and when the Water Bureau decides to invest in any given budget program. To learn more about Water Bureau asset management, visit <https://www.portlandoregon.gov/water/64032>.

Program Information

Bureau: Portland Water Bureau

Program Contact: Tony Andersen

Website:

Contact Phone 503-823-8653

Conduits/Transmission Mains

Program Description & Goals

The Conduits/Transmission Mains Program is responsible for bringing water from the city's two water sources, the Bull Run Watershed and Columbia South Shore Well Field, to buried reservoirs at Powell Butte, then to other in-town buried reservoirs and tanks at Kelly Butte, Washington Park, Sam Jackson, and Mayfair.

Measure Title	PM 2017-18 Actuals	PM 2018-19 Actuals	PM 2019-20 Target	PM 2020-21 Target	Strategic Target
Number of Unplanned conduit outages	0	0	0	0	0
Number of Unplanned transmission	0	0	0	0	0

Explanation of Services

Program efforts are focused on the capital infrastructure planning, design and construction, operations, maintenance, repair, and rehabilitation of the assets in this program, as well as improving operability, reducing risk, and hardening the supply to meet seismic resilience goals. This program also makes sure the conduits and transmission mains are regularly inspected and are protected from corrosive soil. Staff in this program protect the bureau's right of way where conduits cross non-bureau property and have laid out a protected path for a potential future conduit.

Equity Impacts

The Water Bureau recognizes that water distribution problems could disproportionately affect communities of color and people with medical disabilities due to the high cost of water source alternatives (namely bottled water). Robust maintenance and strengthening resilience of conduits and transmission mains reduce the vulnerability of communities of color and people with disabilities.

Staff in this program do not work with the public and do not receive requests for accommodations.

This year's budget changes are unlikely to have equity impacts. As this program grows to include new water treatment processes, the bureau will have the opportunity to explore how equity can be brought into construction and hiring processes.

Changes to Program

The Capital budget will increase to implement City Council approved Resolution 37460 adopting a set of priority values, expectations and Recommended Option to guide the design and implementation of the Bull Run Filtration Projects on November 27, 2019.

Program Budget

	FY 2017-18 Actuals	2018-19 Actuals	2019-20 Revised	2020-21 Requested with DP
Bureau Expense				
Capital Outlay	208,756	107,575	2,284,453	6,920,915
External Materials and Services	2,149,021	312,195	305,525	1,059,962
Internal Materials and Services	875,472	214,205	205,891	218,987
Personnel	1,211,655	819,440	1,328,257	2,454,719
Sum:	4,444,903	1,453,416	4,124,126	10,654,583
	FTE	0	0	0
				14.04

Resources: Resources come from ratepayer charges for water and water-related services. Capital investments in water system infrastructure may also be funded with proceeds from issuance of Water Revenue Bonds and capital revenues. Capital revenues include sales of assets and System Development Charges from installations of new mains and services.

Expenses: The operating budget totals \$1.2 million and the capital budget totals \$9.5 million. Main expenses in the operating budget include staffing, repair and maintenance services, supplies, and vehicle fleet. Major capital project in the Program is Bull Run Pipelines.

Staffing: 5.1 (FTE) operating and 9.0 (FTE) capital positions support this program. These positions include engineers, watershed specialists, and operating engineers (staff who operate the water system in the field), among others.

Assets and Liabilities: Major assets in the program include 60.5 miles of conduit (in three conduits) and 50 miles of transmission pipe, as well as supporting trestles and bridges, cathodic protection, Willamette River crossings, and intertie facilities. Conduits 2, 3, and 4 were built in 1911, 1925, and 1953, respectively. The conduits and transmission mains have a total replacement value of \$1.8 billion. 48% of the assets are in very good or good condition, with 41% in fair condition and 11% in poor or very poor condition.

The Water Bureau has a robust Asset Management Program, with asset life-cycle strategies detailed in twenty-three asset management plans by asset type. These plans contain specific strategies for repair, renewal, and replacement of each asset type. While current condition of any asset type is an important factor, asset condition alone does not drive where and when the Water Bureau decides to invest in any given budget program. To learn more about Water Bureau asset management, visit <https://www.portlandoregon.gov/water/64032>.

Program Information

Bureau: Portland Water Bureau

Program Contact: Tony Andersen

Website:

Contact Phone 503-823-8653

Customer Service

Program Description & Goals

This program is responsible for utility sales operations from the meter to the collection of cash for the Water Bureau and Bureau of Environmental Services (BES). This includes meter reading, managing account and customer data, and billing, collection, and payment processing of 192,000 water, sewer, and stormwater accounts billed monthly, bi-monthly, or quarterly. This program includes providing financial assistance to qualifying low-income customers and making water provision programs, billing, and services accessible to people with disabilities.

This program also supports development by performing reviews of water-related building permit application intakes, reviews, and purchases. All developments are reviewed to ensure that they comply with standards for water service.

Measure Title	PM 2017-18 Actuals	PM 2018-19 Actuals	PM 2019-20 Target	PM 2020-21 Target	Strategic Target
Percentage of calls answered within 60 seconds	83%	87%	80%	100%	100%

Explanation of Services

Each working day, Customer Service staff answer more than 750 customer calls and field an average of 75 online inquiries about customer accounts and other bureau work. The program also assists 75 walk-in customers each day with their payments and/or water service, and administers the Financial Assistance Program, including a bill discount for 7,515 enrolled participants and rent assistance for multi-family dwellings.

This program includes the team that manages the Customer Information System, which is used to bill for sewer, stormwater, and water services; collect money from customers; and assist customers with account inquiries.

The Customer Service Program processes about 2,280 water permits annually for commercial and residential developments. The activities cover land use reviews, development reviews, sale of new domestic services, fire services, and petition mains needed to support new construction by private parties seeking water service.

Equity Impacts

Staff in the Customer Service program work directly with community members and have made major changes in recent years to do this work more equitably.

The bureau's Financial Assistance Program has recently expanded and now offers more help to more people. Staff members working in this program have studied participant demographics, and work to continuously assess needs by area to increase program representation among traditionally underserved and underrepresented communities.

The Water Bureau is researching how smart meter technology could affect the bureau and the communities it serves, focusing on equity impacts of smart meter implementation.

Staff in this program regularly use interpretation services, and program managers aim to increase the number of staff who fluently speak multiple languages. Some phone services and brochures are available in multiple languages. For people with disabilities, staff in this program can enlarge bills, convert bills to braille, and communicate via writing.

Changes to Program

The Bureau plans to reallocate resources as needed to implement or address the results of the annual evaluation of the Financial Assistance Program.

Program Budget

	FY 2017-18 Actuals	2018-19 Actuals	2019-20 Revised	2020-21 Requested with DP
Bureau Expense				
Capital Outlay	324,628	0	0	0
External Materials and Services	2,306,703	2,834,508	5,083,015	5,081,644
Internal Materials and Services	6,064,797	4,131,441	3,768,945	3,732,394
Personnel	8,412,252	9,742,116	11,416,366	11,619,824
Sum:	17,108,380	16,708,065	20,268,326	20,433,862
FTE	98	103	103	100

Resources: Resources come from ratepayer charges for water and water-related services. Capital investments in water system infrastructure may also be funded with proceeds from issuance of Water Revenue Bonds and capital revenues. Capital revenues include sales of assets and System Development Charges from installations of new mains and services.

Expenses: The operating budget totals \$20.4 million. Main operating costs include staffing, bill generation, payment processing (bank fees and payment vendor fees), and the Financial Assistance Program.

Staffing: 100.0 (FTE) operating positions support this program. These positions include customer accounts specialists, business analysts (who support the billing system), meter readers, water service inspectors, and engineering technicians, among others.

Assets and Liabilities: The major asset of the Customer Service is the Cayenta billing system.

The Water Bureau has a robust Asset Management Program, with asset life-cycle strategies detailed in twenty-three asset management plans by asset type. These plans contain specific strategies for repair, renewal, and replacement of each asset type. While current condition of any asset type is an important factor, asset condition alone does not drive where and when the Water Bureau decides to invest in any given budget program. To learn more about Water Bureau asset management, visit <https://www.portlandoregon.gov/water/64032>.

Program Information

Bureau:	Portland Water Bureau	Program Contact:	Tony Andersen
Website:		Contact Phone	503-823-8653

Employee Investment

Program Description & Goals

This program focuses on employee training and development. Employees are a critical asset to the bureau. The bureau invests in its employees by providing opportunities for training, continuing educations, job shadows, participation in water industry associations, and mentorship.

The State of Oregon requires employees engaged in the operation of the water system for both distribution and treatment (nearly 200 employees in the Water Bureau) to be certified by the Oregon Health Authority. Certified employees are required to complete regular continuing education to maintain those certifications. Water Bureau engineers and electricians also must be licensed and complete ongoing education to maintain their certifications. Employees who operate specialty equipment, such as cranes, also require state and national certifications.

The Water Bureau operates two unique apprenticeship programs sanctioned by the Bureau of Labor and Industries. Many field employees are required to obtain and maintain a Commercial Driver's License, following federal Department of Transportation requirements.

The City requires a variety of mandatory trainings, such as defensive driving, Equity 101, HR Administrative Rule 2.02 training, emergency management trainings, and the Occupational Safety and Health Administration requires safety-sensitive trainings for Work Zone Traffic Control, Confined Space Entry, Rigging and Slings, Excavation Safety, Hazardous Chemicals, and Asbestos Handling, among many other trainings provided by the Water Bureau. Finally, the Water Bureau augments required certifications with training that supports employee development.

Measure Title	PM 2017-18 Actuals	PM 2018-19 Actuals	PM 2019-20 Target	PM 2020-21 Target	Strategic Target
Percentage of employees reporting that they are "engaged" or "fully engaged" in their work (in employee survey done every other year)	0	0	0	78%	78%

Explanation of Services

Program activities include providing employee training; tracking, monitoring, and ensuring all required certifications and licenses are maintained; and making sure all City-required training requirements are met. The program also includes administering and evaluating the ongoing apprenticeship programs. Activities also include managing workplace safety program for high-hazard environments, such as electrical arc-flash, confined spaces, and fall hazards.

Staff in this program also create employee enrichment programs and equity-focused trainings designed to instill an equity mindset in all bureau staff.

Equity Impacts

The Water Bureau is committed to changing policies, practices, and procedures to better support our employees. To this end, the bureau's 2020-2024 Strategic Plan includes a Workforce and Culture section, which aims to advance equity by improving workplace communication and collaboration, recruitment and retention, and empowering employees. Specifically, the bureau will identify and implement equitable hiring and retention practices, build and maintain leadership development to make management more diverse, provide more equitable access to cross-group learning opportunities, increase use of the job shadow program, and offer flexible and telecommuting opportunities to more employees.

This program includes the bureau's Training and Development Officer, who has an equity focus in employee enrichment and programming. Among other programs, the Training and Development Officer runs a job shadow program and informal lunchtime sessions that address issues of race, gender, and age in the workplace.

Staff in this program do not work directly with the public and do not receive accommodation requests from the public. The bureau does not currently track employees' requests for accommodations.

Changes to Program

The Bureau will be adding apprentice positions and entry level positions to further promote diversity in the workforce. In addition, a limited term Office Support Specialist Assistant will be converted to permanent full-time in support of the Project Search program.

Program Budget

	FY 2017-18 Actuals	2018-19 Actuals	2019-20 Revised	2020-21 Requested with DP
Bureau Expense				
External Materials and Services	440,077	471,615	730,533	671,408
Internal Materials and Services	12,716	59,606	145,058	122,061
Personnel	2,138,827	2,558,045	2,424,947	3,092,298
Sum:	2,591,620	3,089,266	3,300,538	3,885,767
FTE	30	43	42	28.03

Resources: Resources come from ratepayer charges for water and water-related services. Capital investments in water system infrastructure may also be funded with proceeds from issuance of Water Revenue Bonds and capital revenues. Capital revenues include sales of assets and System Development Charges from installations of new mains and services.

Expenses: The operating budget totals \$3.9 million. The operating budget's main expenses are staffing, training, certifications, and vehicle fleet.

Staffing: 28.0 (FTE) operating positions support this program. These positions include risk specialists, apprentices, automotive and construction equipment operators, among others.

Assets and Liabilities: This program does not contain assets.

Program Information

Bureau: Portland Water Bureau

Program Contact: Tony Andersen

Website:

Contact Phone 503-823-8653

Bureau Support

Program Description & Goals

The Bureau Support Program encompasses work across all sections of the Water Bureau. The program meets administrative, financial, communications, and equity needs.

The program includes promoting equity across all bureau programs and services; engaging the public in bureau work; making sure ratepayer money is used appropriately; and making sure the bureau works as efficiently as possible and is accountable to the public.

Measure Title	PM 2017-18 Actuals	PM 2018-19 Actuals	PM 2019-20 Target	PM 2020-21 Target	Strategic Target
Percentage of community members who, in a statistically significant survey, say they have "good" or "very good" awareness of the services the bureau provides	0	0	0	75%	75%

Explanation of Services

Support for bureau-wide work: This program includes contract administration and facilities work, as well as administrative expenses such as rent, utilities, postage, operating supplies, and the Utility License Fee.

Accounting: Staff in this program manage the bureau's financial transactions, including financial statements, and ensuring that funds are spent as designated.

Communications: Communications staff coordinate outreach and engagement work prioritizing cultural responsiveness, including underrepresented communities, social media, communication about construction projects, media and public records requests, and emergency communications.

Equity: the Water Bureau embedded equity through its Strategic Plan and will implement an updated Equity Plan, which centers race while working on intersectionalities with ability, gender, age, income, etc. The plan focuses on improving outcomes for communities of color and removing internal and external barriers to equitable work. This work also includes the implementation of the ADA transition plan. The Equity and Inclusion Program provides technical and managerial support to leadership and teams to ensure equity is embedded in all bureau functions.

Program planning and performance management: This program includes the time managers and supervisors spend planning programs and evaluating performance.

Interagency work: This program includes support from other City of Portland agencies, such as the Bureau of Technology Services, the City Attorney, and the Office of Management and Finance.

Advisory groups: The Water Bureau works with two main utility advisory groups: the Portland Utility Board and the Citizens' Utility Board. Staff in this program work with these advisory groups.

Managing and maintaining bureau-owned property: The bureau owns 175 properties, including around its reservoirs, tanks, and pump stations.

Equity Impacts

Bureau Support contains the bulk of the bureau's equity management. The program includes the Equity Manager position, who was hired in early 2019 and works toward embedding equity across all bureau programs and services, internally and externally.

This program also includes the Communications group, which ensures equitable engagement and communications with underserved and underrepresented communities. Staff in this program help fulfill translation, interpretation, and accommodations requests, and implement an equity lens for communications materials. This group partners with community organizations and people from underrepresented communities, attends culturally specific community events, works with media, and holds outreach events at facilities with greater access for communities of color. The bureau will develop and implement an external strategic communications plan that prioritizes cultural responsiveness. And, the bureau is also creating more ways for people from under represented communities to inform bureau policies, programs, and projects

This year's budget changes expand capacity for the equity program and create opportunities to promote more equitable community engagement.

Changes to Program

- Hiring a new coordinator position for the equity program to add capacity for equity trainings, policies and guidelines, the Bureau Equity Committee, community engagement.
- Hiring a new project manager to coordinate assessment of bureau owned facilities, implement Security Access Control replacement system at bureau facilities, and to manage the life cycle replacements of bureau facility assets such as HVAC, electrical, plumbing, etc.
- Beginning the implementation of the bureau's five-year ADA transition plan, to make our facilities accessible to people with disabilities.
- Converting a limited term Public Information Manager to a permanent full time position.
- A transfer of \$455,750 to a City reserve fund is included for FY 2020-21 to meet Portland Harbor Superfund obligations.
- \$100,000 increase for professional services for performance measure development and analysis.

Program Budget

	FY 2017-18 Actuals	2018-19 Actuals	2019-20 Revised	2020-21 Requested with DP
Bureau Expense				
Capital Outlay	-1,089,999	114,683	39,072,000	260,000
External Materials and Services	13,024,201	9,987,943	12,228,259	11,097,027
Internal Materials and Services	5,788,193	6,796,173	6,632,460	7,003,290
Personnel	6,566,497	6,907,928	8,213,385	9,145,070
Fund Expense				
Contingency	0	0	104,282,117	135,613,108
Debt Service	59,322,067	59,614,751	66,796,068	73,791,717
Debt Service Reserves	0	0	39,943,010	35,093,460
Fund Transfers - Expense	184,516,609	214,104,758	303,631,472	314,914,076
Ending Fund Balance	229,469,254	196,762,570	23,323,032	14,054,026
Sum:	497,596,822	494,288,805	604,121,803	600,971,774
FTE	109.28	120.6	123	61.07

Resources: Resources come from ratepayer charges for water and water-related services. Capital investments in water system infrastructure may also be funded with proceeds from issuance of Water Revenue Bonds and capital revenues. Capital revenues include sales of assets and System Development Charges from installations of new mains and services.

Expenses: The operating budget totals \$27.2 million. The capital budget totals \$0.3 million. The operating budget's main expenses are staffing, supplies, the Utility License Fee, facilities, communications, technology support, and insurance.

Staffing: 61.1 (FTE) operating positions support this program. These positions include administrative specialists, accountants, and communications staff, among others.

Assets and Liabilities: The bureau owns 175 properties, including a share of the Portland Building. The assets have a replacement value of \$63.4 million. 94% of the assets are in very good, good or fair condition.

The Water Bureau has a robust Asset Management Program, with asset life-cycle strategies detailed in twenty-three asset management plans by asset type. These plans contain specific strategies for repair, renewal, and replacement of each asset type. While current condition of any asset type is an important factor, asset condition alone does not drive where and when the Water Bureau decides to invest in any given budget program. To learn more about Water Bureau asset management, visit [https//www.portlandoregon.gov/water/64032](https://www.portlandoregon.gov/water/64032).

Program Information

Bureau: Portland Water Bureau

Program Contact: Tony Andersen

Website:

Contact Phone 503-823-8653

Planning

Program Description & Goals

The Planning Program includes short- and long-term strategic planning and direction; regional water providers coordination on water supply planning; financial planning; capital improvement development; infrastructure planning, including asset management; seasonal supply planning; and wholesale customer coordination.

Measure Title	PM 2017-18 Actuals	PM 2018-19 Actuals	PM 2019-20 Target	PM 2020-21 Target	Strategic Target
Maintain water revenue bond AAA credit rating	100%	100%	100%	100%	100%

Explanation of Services

Asset Management: Staff in this program assess water system asset conditions, risks of failure, and risk mitigation strategies, and document alternatives and recommended solutions for maintenance and replacement of supply and distribution infrastructure.

Capital Improvement Program (CIP) planning: This program develops and administers a multi-year capital improvement program to address system needs, manage spending, and meet financial bond requirements.

Water System planning: Staff in this program develops infrastructure plans, long-range supply plans, and conducts water system planning studies.

Budget and financial planning: Staff in this program manages the bureau's finances, develop and monitor the bureau's budget, and adhere to prudent financial practices, enabling ongoing cost-effective access to bond financing for capital improvements, and ensure that water rates are at a good value and fair price to finance system operation and improvement.

Climate change planning: The bureau's climate change expert works to build resilience to climate-related risks through risk assessment, analysis, and adaptation strategies.

Seasonal supply planning: Many bureau staff work together, and with wholesale customers, to ensure reliable water supply in every season.

Strategic planning: The bureau's Strategic Business Plan aims to maintain continuous organizational improvement through strategic planning, risk identification, and implementation of management strategies.

Participation in the Regional Water Providers Consortium: The Water Bureau works with the Consortium to maintain cooperative relationships with regional water providers to plan for long-term supply, implement regional water conservation programs, and build emergency preparedness and response capability.

Water rights: Staff in this program manage and maintain water rights and water rights permits.

Equity Impacts

The Planning program recognizes equity impacts in many areas:

- Asset management works to prevent deferred maintenance that could burden future generations. The bureau identifies Key Service Levels (KSLs) that have equity considerations and overlay them onto geographic/demographic data to identify areas where service levels may vary by community.
- The bureau recognizes that climate impacts to the water system could disproportionately affect vulnerable populations. The bureau will communicate more with vulnerable communities about climate planning, work with partners to plan for climate-related changes in supply and demand, and continue to reduce carbon emissions of bureau facilities and fleet.
- The bureau's strategic plan development embeds equity throughout its process, identifying both equity-focused issues within the bureau and equity impacts of every potential plan strategy. The bureau's updated Equity Plan identifies specific equity outcomes for strategies and determines performance measures so we can track and monitor our work over time.

This budget change does not have clear equity impacts.

Changes to Program

This budget includes converting a limited term position to a full time permanent Strategic Plan Program Manager for ongoing program management. It also includes a limited term Strategic Analyst position responsible to collaboratively collecting, analyzing, and managing organization wide data to successfully measure and inform the goals of both the Strategic Plan and Equity Master Plan.

A new full time Analyst I position to be added in Asset Management to assist with asset data compilation and will also assist with analyzing asset data and failure records and conduct risk assessments. Cost-based risk assessment is considered the best-in-class practice in the overall risk management framework.

Program Budget

	FY 2017-18 Actuals	2018-19 Actuals	2019-20 Revised	2020-21 Requested with DP
Bureau Expense				
Capital Outlay	-2,588,536	-4,027,576	0	0
External Materials and Services	1,303,647	1,384,176	1,825,431	2,493,723
Internal Materials and Services	-15,103,861	-16,392,474	295,060	330,463
Personnel	4,057,811	4,072,128	5,551,428	5,609,595
Sum:	-12,330,939	-14,963,748	7,671,919	8,433,781
FTE	25.9	21.5	21.5	30.39

Resources: Resources come from ratepayer charges for water and water-related services. Capital investments in water system infrastructure may also be funded with proceeds from issuance of Water Revenue Bonds and capital revenues. Capital revenues include sales of assets and System Development Charges from installations of new mains and services.

Expenses: The operating budget totals \$5.2 million and \$3.2 million for planning studies. Main operating costs include staffing, consultant services, and debt management.

Staffing: 22.6 (FTE) operating and 7.8 (FTE) capital positions support this program. These positions include engineers, analysts, and financial analysts, among others.

Assets and Liabilities: This program does not include assets.

Program Information

Bureau: Portland Water Bureau

Program Contact: Tony Andersen

Website:

Contact Phone 503-823-8653