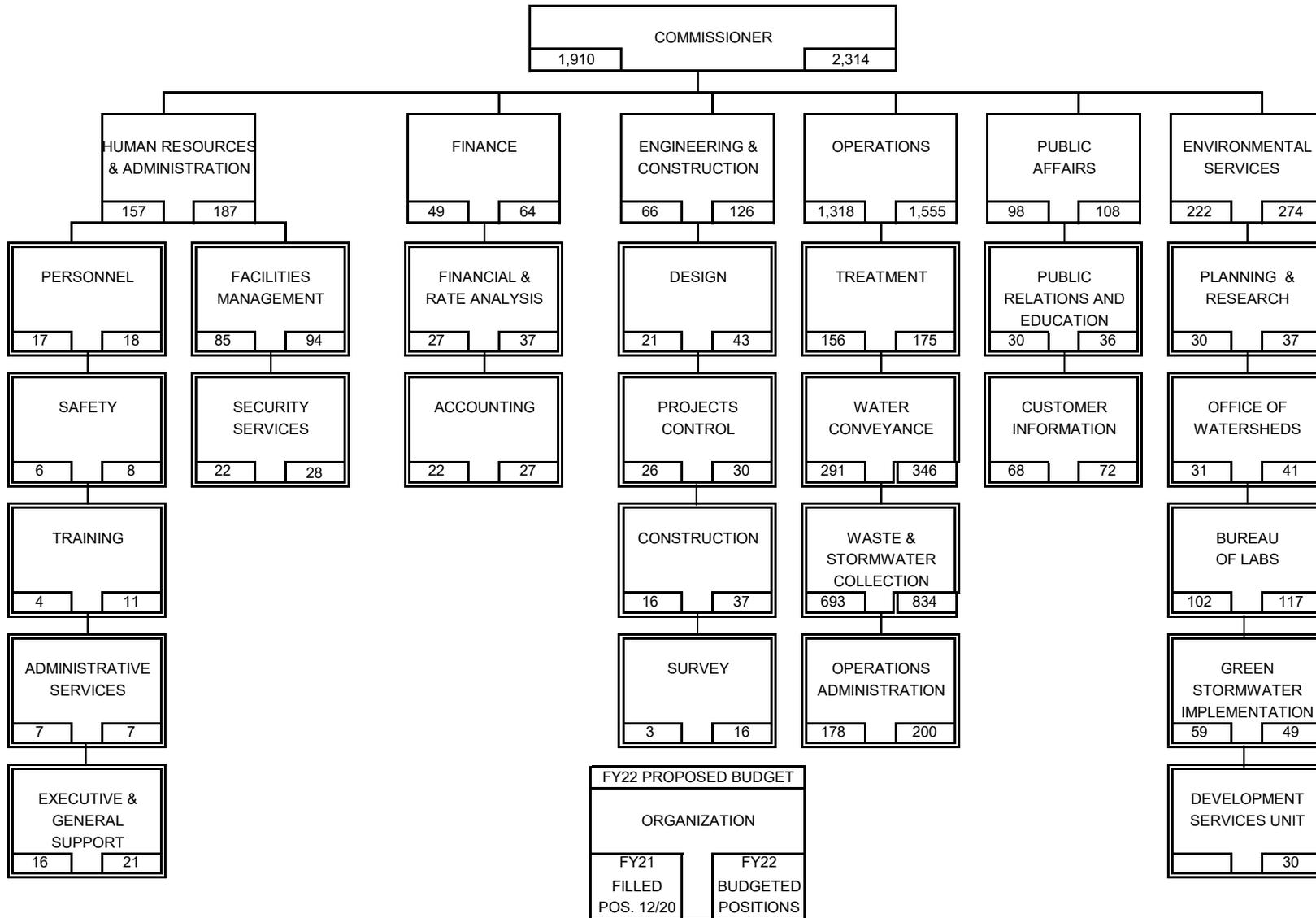


CITY OF PHILADELPHIA

ORGANIZATION CHART (ALL FUNDS) BY PROGRAM

FISCAL 2022 OPERATING BUDGET

Department: Water No. 28



SECTION 53

1

CITY OF PHILADELPHIA

DEPARTMENTAL SUMMARY BY FUND

FISCAL 2022 OPERATING BUDGET

Department								No.
Water								28
No. (1)	Fund (2)	Class (3)	Description (4)	Fiscal 2020 Actual Obligations (5)	Fiscal 2021 Original Appropriation (6)	Fiscal 2021 Estimated Obligations (7)	Fiscal 2022 Proposed Budget (8)	Increase or (Decrease) (9)
02	Water	100	Employee Compensation					
		a)	Personal Services	127,964,830	136,744,355	138,066,041	139,647,960	1,581,919
		b)	Employee Benefits					
		200	Purchase of Services	158,066,990	176,525,250	176,525,250	183,009,222	6,483,972
		300	Materials and Supplies	42,829,450	50,153,500	50,153,500	50,405,500	252,000
		400	Equipment	5,976,187	3,811,800	3,811,800	5,875,300	2,063,500
		500	Contributions, etc.	4,409,860	510,000	510,000	510,000	
		800	Payments to Other Funds	60,976,296	70,000,000	70,000,000	69,000,000	(1,000,000)
			Total	400,223,613	437,744,905	439,066,591	448,447,982	9,381,391
69	Water Residual	100	Employee Compensation					
		a)	Personal Services					
		b)	Employee Benefits					
		200	Purchase of Services		2,000,000	8,000,000	8,000,000	
		300	Materials and Supplies		2,000,000	8,000,000	8,000,000	
		400	Equipment					
		500	Contributions, etc.					
		800	Payments to Other Funds	34,994,000	33,000,000	33,000,000	33,000,000	
			Total	34,994,000	37,000,000	49,000,000	49,000,000	
		100	Employee Compensation					
		a)	Personal Services					
		b)	Employee Benefits					
		200	Purchase of Services					
		300	Materials and Supplies					
		400	Equipment					
		500	Contributions, etc.					
		800	Payments to Other Funds					
			Total					
		100	Employee Compensation					
		a)	Personal Services					
		b)	Employee Benefits					
		200	Purchase of Services					
		300	Materials and Supplies					
		400	Equipment					
		500	Contributions, etc.					
		800	Payments to Other Funds					
			Total					
		100	Employee Compensation					
		a)	Personal Services					
		b)	Employee Benefits					
		200	Purchase of Services					
		300	Materials and Supplies					
		400	Equipment					
		500	Contributions, etc.					
		800	Payments to Other Funds					
			Total					
Departmental Total All Funds		100	Employee Compensation					
		a)	Personal Services	127,964,830	136,744,355	138,066,041	139,647,960	1,581,919
		b)	Employee Benefits					
		200	Purchase of Services	158,066,990	178,525,250	184,525,250	191,009,222	6,483,972
		300	Materials and Supplies	42,829,450	52,153,500	58,153,500	58,405,500	252,000
		400	Equipment	5,976,187	3,811,800	3,811,800	5,875,300	2,063,500
		500	Contributions, etc.	4,409,860	510,000	510,000	510,000	
		800	Payments to Other Funds	95,970,296	103,000,000	103,000,000	102,000,000	(1,000,000)
			Total	435,217,613	474,744,905	488,066,591	497,447,982	9,381,391

71-53B (Program Based Budgeting Version)

CITY OF PHILADELPHIA				DEPARTMENTAL SUMMARY		
FISCAL 2022 OPERATING BUDGET				INCREASES AND DECREASES		
				ALL FUNDS		
Department						No.
Budget Comments (1)	Class 100 (2)	Class 200 (3)	Class 300/400 (4)	Class 500 (5)	Other Classes (6)	Total (7)
Class 100						
Transfer of 21 existing positions (12 filled/9 vacant) from Capital to Operating. These are not new obligations, but a realignment of the budget with City policy to fund personnel cost with Operating instead of Capital funds.	1,724,321					1,724,321
Provision for 12 new positions. 9 positions are needed to support the Consent Order and Agreement (COA), also known as Green Cities Clean Waters. The COA has accelerated requirements at each 5-year target which will require continued hiring of ground and facility maintenance workers each fiscal year to maintain the disaggregated infrastructure that is required under the City's COA. 2 positions are needed at the treatment plants for process management and network maintenance; 1 position is needed at the labs due to increased federal regulations for sample collection and field testing.	670,368					670,368
Increase in Terminal Leave Payouts.	151,000					151,000
Incremental and Longevity Increases.	535,295					535,295
Net savings on vacancy due to delays in hiring.	(1,499,065)					(1,499,065)
Class 200						
The Greened Acre Retrofit Program supports Consent Order and Agreement requirements as it provides a pathway for PWD to take compliance credit for Greened Acres on project sites that would otherwise be inaccessible (Class 250).		10,000,000				10,000,000
Due to critical engine failures at the cogeneration facility located at the Northeast Water Pollution Control Plant, PWD is increasing the FY22 budget request. Due to contractual requirements, PWD makes lease and maintenance payments (approx. \$5 annually) until September 25, 2029. As such, PWD must repair and replace failures at this facility (Class 281).		1,500,000				1,500,000

71-53C (Program Based Budgeting Version)

CITY OF PHILADELPHIA FISCAL 2022 OPERATING BUDGET		DEPARTMENTAL SUMMARY INCREASES AND DECREASES ALL FUNDS				
Department Water						No. 28
Budget Comments (1)	Class 100 (2)	Class 200 (3)	Class 300/400 (4)	Class 500 (5)	Other Classes (6)	Total (7)
Class 200 (continuation)						
PWD's sewer system will continue to age, with the average age of 100 years old, and more sewers are expected to reach the end of their service life. To ensure the continued performance of the sewer system, and the long-term performance of PWD's water and GSI assets, it is critical that the Sewer Assessment Program be funded sufficiently. Making this investment will immediately pay dividends to PWD and its customers for years to come. Best value contracts related to green stormwater maintenance are being increased to reflect more infrastructure being maintained (Class 260)		3,050,000				3,050,000
Due to the ongoing pandemic, PWD's operation team has already reviewed their maintenance requirements and has decided to slow down certain items. PWD is only requesting the very minimum amount required to maintain services. The annual maintenance cost to maintain is significantly more than budgeted in FY22 (Class 260)		(9,100,000)				(9,100,000)
Constructional increases in the Planning and Environmental Services division related to the COA. Required support for environmental law firm for COA compliance and other regulatory matters (Class 250)		500,000				500,000
Increase of 5% based on Energy Management Team's assessment of PGW rates and increased funding for outside legal support for regulatory matters and rate cases		533,972				533,972
Class 300						
Increase in Lab Supplies for Bureau of Laboratory Services related to formal assessment of the PWD Bureau of Laboratory Services (BLS) under the DEP's Laboratory Accreditation Program, which occurs every 3 years.			172,000			172,000
Increase in construction and electrical equipment			80,000			80,000
Class 400						
Restoration of pre-pandemic funding. The request is for the minimum amount required to replace vehicles beyond their service life as well as the funding required to procure equipment needs to maintain service requirements			2,000,000			2,000,000
Increase in furniture and computer equipment			63,500			63,500

71-53C (Program Based Budgeting Version)

CITY OF PHILADELPHIA
FISCAL 2022 OPERATING BUDGET

DEPARTMENTAL SUMMARY
PERSONAL SERVICES

Department Water	No. 28
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Line No.	Category	Fiscal 2020		Fiscal 2021			Fiscal 2022		Increase (Decrease) in Pos. (Col. 8 less 5)	Increase (Decrease) in Requirements (Col. 9 less 6)
		Actual Positions 6/30/20	Actual Obligations	Budgeted Positions	Estimated Obligations	Increment Run -PPE 12/21/20	Budgeted Positions	Department Request		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)

A. Summary by Object Classification - All Funds

1	Lump Sum		794,603		1,551,500			1,692,500		141,000
2	Full Time	1,989	109,572,219	2,281	114,771,535	1,910	2,314	116,203,455	33	1,431,920
3	Bonus, Gross Adj.		26,643							
4	PT, Temp/Seas, Bd , SCG		1,394,730		1,918,000			1,918,000		
5	Overtime		14,825,765		18,956,906			18,966,905		9,999
6	Holiday Overtime									
7	Shift/Stress		132,769		295,000			294,000		(1,000)
8	H&L, IOD, LT-Sick		1,218,101		573,100			573,100		
9										
Total		1,989	127,964,830	2,281	138,066,041	1,910	2,314	139,647,960	33	1,581,919

B. Summary of Uniformed Personnel Included in Above - All Funds

1	Lump Sum									
2	Full Time - Uniform									
3	Bonus, Gross Adj.									
4	PT, Temp/Seas, Bd , SCG									
5	Overtime - Uniform									
6	Unused Uniform Leave									
7	Shift/Stress									
8	H&L, IOD, LT-Sick									
9										
Total										

C. Summary by Object Classification - General Fund

1	Lump Sum									
2	Full Time									
3	Bonus, Gross Adj.									
4	PT, Temp/Seas, Bd, SCG									
5	Overtime									
6	Holiday Overtime									
7	Shift/Stress									
8	H&L, IOD, LT-Sick									
9										
Total										

D. Summary of Uniformed Personnel Included in Above - General Fund

1	Lump Sum									
2	Full Time - Uniform									
3	Bonus, Gross Adj.									
4	PT, Temp/Seas, Bd , SCG									
5	Overtime - Uniform									
6	Unused Uniform Leave									
7	Shift/Stress									
8	H&L, IOD, LT-Sick									
9										
Total										

CITY OF PHILADELPHIA		PERFORMANCE MEASURES AND RACIAL EQUITY
FISCAL 2022 OPERATING BUDGET		
Department Water	No. 28	Responses to Racial Equity Questions
Racial Equity Questions for Existing Budget		
What programs or policies does your office administer to improve racial equity in the following areas? What impact have they had on output and outcomes measures related to racial equity?		
<ul style="list-style-type: none"> · A Safer and More Just Philadelphia · Health Equity for All · Quality Education for All · Inclusive Economy and Thriving Neighborhoods · Diverse, Efficient, and Effective Government 		
<p>Diverse, Efficient, and Effective Government – The Department supports the continued development of a talented and diverse PWD workforce by utilizing human resource planning (such as personnel recruitment, placement, career development and safety programs) and administrative services that are consistent with the long-term needs of the PWD and with the City’s goals for diversity. This year, PWD has:</p> <ul style="list-style-type: none"> • EXPANDED STUDENT EMPLOYMENT OPPORTUNITIES: To date, 184 Philadelphia high school and college students were provided with student employment opportunities exposing young professionals to a variety of water industry career paths. • CONTINUED SUPPORT FOR POWERCORPS PHL: In FY20YTD, PWD provided 58 PowerCorps participants with training and professional work experience, ranging from stormwater infrastructure maintenance to waterway restoration. • INCREASED EMPLOYMENT OPPORTUNITIES: Since the Apprenticeship program’s inception, 38 of the 55 participants who have graduated from the apprenticeship program transitioned to permanent Civil Service positions within PWD. Former apprentices serve in positions from entry to full performance levels, mainly as Electricians, Electronic Technicians, Grounds and Facilities Maintenance Workers and Engineering Aides. From FY20 onward we have had 14 apprentices, 5 have transitioned to full time employment with PWD. • INCREASED NEW HIRE DIVERSITY: Minorities constitute approximately 60% of new hires at the Department. <p>Inclusive Economy and Thriving Neighborhoods - The Department works with the Office of Economic Opportunity (OEO) when preparing contract opportunities for Public Works and Professional Services to ensure meaningful participation by minority- and women-owned firms. PWD also monitors reporting and payment information documenting the actual participation levels of OEO registered firms during the Public Works construction projects.</p> <ul style="list-style-type: none"> • EXCEEDED FY20 CONTRACT PARTICIPATION GOAL: Through the end of FY2020, PWD reported a 35.53% Minority-, Women-, or Disabled-Owned Business Enterprise (M/W/DSBE) participation rate in the Department’s contracts, exceeding its FY20 participation goal of 30%. <p>Health Equity for All – The Department’s mission is to support public health for its customers. The Department works in conjunction with the Water Revenue Bureau to offer assistance programs that are the critical link to becoming a customer, and service, for some Philadelphia residents. These programs include the Senior Citizen Water Discount, the Tiered Assistance Program (TAP), Payment Agreements and the Homeowner’s Emergency Loan Program (HELP).</p> <p>The Applications for the majority of programs listed above are currently available in the top ten languages requested for translation in Philadelphia: Chinese (traditional and simplified), Vietnamese, Russian, Arabic, Cambodian (Mon-Khmer), Portuguese and Italian, in addition to English and Spanish.</p>		
Have you involved internal and external stakeholders, including marginalized communities of color, in your department’s budget process and program/policy design?		
<p>The Department’s budgeting process involves a diverse group of stakeholders from all 43 of the business units, the executive team and Human Resources. Each business unit presents fiscal year budget requests at an internal hearing conducted before the executive team. The executive team then makes a fiscal year budget recommendation, considering current operational needs and strategic alignment.</p>		
How is your department using its budget to create an inclusive, anti-racist workplace?		
<p>The Department provides opportunities for Philadelphia youth, young adults, and residents with barriers to employment to gain career exposure, workforce development training, and access to permanent employment opportunities with the City, including participating in the City as Model Employer initiative, which prepares individuals who have barriers to employment for middle-skill positions that are difficult for City departments and private sector employers to fill. The Department provides \$246,000 in annual funding and support to PowerCorps PHL, a workforce training program with a proven track record of connecting residents with barriers to employment to career pathways. In addition, the department maintains a robust apprentice and internship program which is approximately \$1.5 million dollars annually. The Department is actively working on completing an internal assessment and the establishment of a Diversity and Inclusion (D&I) strategy that will include internal bias training and training on managing diverse groups.</p>		
71-53EZ (Program Based Budgeting Version)		

CITY OF PHILADELPHIA		PERFORMANCE MEASURES AND RACIAL EQUITY		
FISCAL 2022 OPERATING BUDGET				
Department	No.	Program	No.	
Water	28	Human Resources and Administration	06	
Program Description				
<p>This program supports the continued development of a talented and diverse PWD workforce by utilizing human resource planning, recruitment, placement, career development, comprehensive and responsive safety programs, and administrative services that are consistent with and drive the long-term needs of the department and the City's goals for diversity. This program also manages the building facilities, machine shop, and security services for PWD.</p>				
Program Objectives				
<p>a) This program will continue to build its capacity to recruit, hire, and train staff while supporting and expanding a culture of safety throughout the Department. In each of these efforts, special focus will be directed toward the development and expansion of programs that are in support of the City as Model Employer initiative, including PWD's Apprenticeship and Internship programs. In coordination with the Office of Human Resources, PWD will work to reduce the overall vacancy rate and the overall time to hire.</p> <p>b) The Facilities Management group will continue to provide maintenance services throughout the Department, ensuring that each of PWD's facilities is able to operate at full capacity without interruption. There will also be an ongoing effort to review and modernize security, commensurate with the demands and risks of a 21st century utility.</p>				
Performance Measures				
Description	Fiscal 2020 Year-End	Fiscal 2021 Year-to-Date (Q1 + Q2)	Fiscal 2021 Target	Fiscal 2022 Target
(1)	(2)	(3)	(4)	(5)
Departmental vacancy rate (%)	12%	12%	<15%	<15%
<u>Comments:</u>				
<u>Comments:</u>				
<u>Comments:</u>				
<u>Comments:</u>				
<u>Comments:</u>				

71-53EZ (Program Based Budgeting Version)

CITY OF PHILADELPHIA			PROGRAM SUMMARY - ALL FUNDS			
FISCAL 2022 OPERATING BUDGET						
Department		No.	Program			No.
Water		28	Human Resources and Administration			06
Summary by Fund						
Fund No.	Fund	Fiscal 2020 Actual Obligations	Fiscal 2021 Original Appropriations	Fiscal 2021 Estimated Obligations	Fiscal 2022 Proposed Budget	Increase or (Decrease)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
02	Water	12,876,356	17,061,570	17,175,554	17,100,226	(75,328)
	Total	12,876,356	17,061,570	17,175,554	17,100,226	(75,328)
Summary of Full Time Positions by Fund						
Fund No.	Fund	Actual Positions 6/30/20	Fiscal 2021 Budgeted	Increment Run PPE 12/21/20	Fiscal 2022 Budgeted	Inc. / (Dec.) (Col. 6 less 4)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
02	Water	161	187	157	187	
	Total Full Time	161	187	157	187	
Summary of Non-Tax Revenues by Fund						
Fund No.	Fund	Fiscal 2020 Actual Revenues	Fiscal 2021 Original Budget	Fiscal 2021 Estimate	Fiscal 2022 Proposed Budget	Increase or (Decrease)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
	Total					
Selected Associated Capital Projects						
Dept. Where Appropriated	Description	Carry Forward	Fiscal 2021 Original Approp. (GO Only)	Fiscal 2021 Original Approp. (All Other Sources)	Fiscal 2022 Proposed Budget (GO Only)	Fiscal 2022 Proposed Bdg (All Other Sources)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
	Total					
Selected Associated Operating Costs						
Dept. Where Appropriated	Description	Fiscal 2020 Calculated Obligations	Fiscal 2021 Calculated Appropriations	Fiscal 2021 Calculated Obligations	Fiscal 2022 Calculated Budget	Increase or (Decrease)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Finance	Employee Benefits - Civilian	3,421,376	3,447,045	3,492,217	3,449,881	(42,336)
Finance	Employee Benefits - Uniform					
	Total	3,421,376	3,447,045	3,492,217	3,449,881	(42,336)

CITY OF PHILADELPHIA			PROGRAM SUMMARY			
FISCAL 2022 OPERATING BUDGET						
Department	No.	Program			No.	
Water	28	Human Resources and Administration			06	
Fund	No.					
Water	02					
Summary by Class						
Class	Description	Fiscal 2020 Actual Obligations	Fiscal 2021 Original Appropriations	Fiscal 2021 Estimated Obligations	Fiscal 2022 Proposed Budget	Increase or (Decrease)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
100	Employee Compensation					
a)	Personal Services	9,673,937	9,925,070	10,039,054	9,932,226	(106,828)
b)	Employee Benefits					
200	Purchase of Services	2,516,056	5,238,000	5,238,000	5,243,000	5,000
300	Materials and Supplies	631,091	1,222,500	1,222,500	1,226,000	3,500
400	Equipment	55,272	676,000	676,000	699,000	23,000
500	Contributions, Indemnities and Taxes					
700	Debt Service					
800	Payments to Other Funds					
900	Advances and Misc. Payments					
Total		12,876,356	17,061,570	17,175,554	17,100,226	(75,328)
Summary of Positions						
Code	Category	Actual Positions 6/30/20	Fiscal 2021 Budgeted Positions	Increment Run PPE 12/21/20	Fiscal 2022 Budgeted Positions	Increase or (Decrease)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
101	Full Time - Civilian	161	187	157	187	
105	Full Time - Uniform					
Total		161	187	157	187	
Selected Associated Non-Tax Revenues by Type						
Description	Fiscal 2020 Actual Revenues	Fiscal 2021 Original Budget	Fiscal 2021 Estimate	Fiscal 2022 Proposed Budget	Increase or (Decrease)	
(1)	(2)	(3)	(4)	(5)	(6)	
Local (Non-Governmental)						
Federal						
State						
Other Governments						
Other Funds of the City						
Total						

71-53F (Program Based Budgeting Version)

CITY OF PHILADELPHIA
FISCAL 2022 OPERATING BUDGET

SCHEDULE 100
LIST OF POSITIONS
BY PROGRAM

Department				No.	Program				No.
Water				28	Human Resources and Administration				06
Fund				No.					
Water				02					
Line No. (1)	Class Code (2)	Title (3)	Salary Range (in dollars) (4)	Fiscal 2020 Actual Pos. 6/30/20 (5)	Fiscal 2021 Budgeted Positions (6)	Increment Run -PPE 12/21/20 (7)	Fiscal 2022 Budgeted Positions (8)	Annual Salary 7/1/21 (9)	Increase (Decrease) (Col. 8 less Col. 6) (10)
ADMINISTRATIVE SERVICES									
1	2L09	Admin. Services Supv. - Non Confidential	42,934 - 55,193	1	1	1	1	56,618	
2	1A04	Clerk 3	40,589 - 44,289	3	3	3	3	133,252	
3	2B02	Collection Customer Representative	40,589 - 44,289	1	1	1	1	45,114	
4	1F39	Departmental Inventory Manager	57,534 - 73,962	1	1	1	1	75,387	
5	7A03	Semi-Skilled Laborer	37,067 - 40,288	1	1	1	1	41,513	
Subtotal Administrative Services				7	7	7	7	351,884	
SAFETY									
6	2L11	Administrative Assistant - Confidential	42,934 - 55,193		1		1	55,193	
7	1A03	Clerk 2	34,342 - 37,130	1		1	1	37,130	1
8	1A04	Clerk 3	40,589 - 44,289		1				(1)
9	2H77	Occupational Safety Administrator 1	60,939 - 78,333		1				(1)
10	2H26	Occupational Safety Technician	49,788 - 54,877	4	4	4	5	274,385	1
11	2H27	Safety and Risk Administrator	50,220 - 64,550	1	1	1	1	64,550	
Subtotal Safety				6	8	6	8	431,258	
TRAINING									
12	2H33	Training and Development Manager	69,409 - 89,241			1			(1)
13	2H90	Human Resources Professional 1	38,931 - 55,193		1				(1)
14	2H91	Human Resource Professional 2	54,706 - 70,334	1	1	1	1	70,334	
15	2L01	Administrative Technician	36,910 - 47,465	1	1	1	2	94,930	1
16	2L04	Administrative Technical Trainee	37,983 - 48,833	1			1	48,833	1
17	2L16	Administrative Specialist 1 - Confidential	42,934 - 55,193	1	1	1	1	55,193	
18	2L17	Administrative Specialist 2 - Confidential	54,706 - 70,334	1		1	1	70,334	1
19	7H02	Public Works Maintenance Trainee	35,743 - 38,783		6		5	193,915	(1)
Subtotal Training				5	11	4	11	533,539	
PERSONNEL									
20	1A04	Clerk 3	40,589 - 44,289	4	5	4	4	177,156	(1)
21	1A12	Clerk Typist 2	37,422 - 40,725		1				(1)
22	1A37	Service Representative	37,067 - 40,288	2		2	2	80,576	2
23	2H13	Departmental Human Resources Mgr. 3	79,414 - 102,110	1	1		1	102,110	
24	2H58	Sen. Departmental Human Resources Assoc	60,939 - 78,333	2	3	3	2	156,666	(1)
25	2H90	Human Resources Professional 1	38,931 - 55,193		1		1	55,193	1
26	2H91	Human Resources Professional 2	54,706 - 70,334	2	3	2	2	140,668	(1)
27	2L03	Management Trainee	38,931 - 50,052	2	2	2	3	150,156	1
28	2L11	Administrative Assistant - Confidential	42,934 - 55,193	1	1	1	1	55,193	
29	2L16	Administrative Specialist 1 - Confidential	42,934 - 55,193	1	1	1	1	55,193	
30	2L20	Administrative Officer	54,706 - 70,334	1	1	1	1	70,334	
Subtotal Personnel				16	18	17	18	1,043,245	

71-531 (Program Based Budgeting Version)

CITY OF PHILADELPHIA
FISCAL 2022 OPERATING BUDGET

SCHEDULE 100
LIST OF POSITIONS
BY PROGRAM

Department	No.	Program	No.
Water	28	Human Resources and Administration	06
Fund	No.		
Water	02		

Line No. (1)	Class Code (2)	Title (3)	Salary Range (in dollars) (4)	Fiscal 2020 Actual Pos. 6/30/20 (5)	Fiscal 2021 Budgeted Positions (6)	Increment Run -PPE 12/21/20 (7)	Fiscal 2022 Budgeted Positions (8)	Annual Salary 7/1/21 (9)	Increase (Decrease) (Col. 8 less Col. 6) (10)
SECURITY									
31	6D03	Municipal Guard	38,170 - 41,540	1		1	1	41,540	1
32	6D21	Security Officer I	40,589 - 44,289	17	23	16	22	974,358	(1)
33	6D22	Security Officer II	43,857 - 48,063	4	4	4	4	192,252	
34	6D23	Security Officer III	47,163 - 51,885	1	1	1	1	51,885	
		Subtotal Security		23	28	22	28	1,260,035	
FACILITIES MANAGEMENT									
35	1A22	Clerical Supervisor 2	42,769 -46,786	1	1	1	1	46,786	
36	1D41	Data Service Support Clerk	37,067 - 40,288	2	2	2	2	80,576	
37	2L09	Admin. Services Supv. - Non Confidential	42,934 - 55,193	1	1	1	1	55,193	
38	7A03	Semiskilled Laborer	37,067 - 40,288	8	12	7	9	362,592	(3)
39	7B01	Water Operations Repair Helper	37,067 - 40,288	8	6	8	9	362,592	3
40	7C13	Heavy Equipment Operator I (EMW)	43,857 - 48,063	1		1			
41	7C14	Heavy Equipment Operator 2	45,931 - 50,469	3		3	2	100,938	2
42	7C31	Concretemobile Operator	44,833 - 49,200	2	6	2	4	196,800	(2)
43	7D11	Custodial Worker I	33,060 -35,481	3	3	3	3	106,443	
44	7D12	Custodial Worker II	35,743 -38,783	1		1	1	38,783	1
45	7D13	Custodial Work Crew Chief	40,589 - 44,289		1				(1)
46	7H02	Public Works Maintenance Trainee	35,743 - 38,783	1	1	1	1	38,783	
47	7H05	Building Maintenance Mechanic	44,833 - 49,200	8	9	8	9	442,800	
48	7H06	Building Maintenance Group Leader	52,920 - 58,405	2	2	2	2	116,810	
49	7H27	Plumber	49,788 - 54,877	3	5	3	5	274,385	
50	7H28	Plumbing & Heating Maint. Group Leader	52,920 - 58,405	1	1	1	1	58,405	
51	7H30	Brick Mason	47,163 - 51,885			3	3	155,655	3
52	7H31	Cement Finisher	43,857 -48,063	7	9	6	8	384,504	(1)
53	7H35	Brick Mason - 2018	42,769 - 46,786	3	2				(2)
54	7H39	Masonry Group Leader	51,293 - 56,571	4	4	4	4	226,284	
55	7H43	Painter I	42,769 - 46,786	6	6	6	6	280,716	
56	7H45	Painting Group Leader	47,163 - 51,885	1	1	1	1	51,885	
57	7H51	Roofer	43,857 - 48,063	4	4	3	4	192,252	
58	7H53	Roofing Group Leader	48,417 - 53,303	1	1	1	1	53,303	
59	7H62	Building Maintenance Superintendent 1	57,534 - 73,962	2	2	2	2	147,924	
60	7J02	HVAC Mechanic 2	49,788 - 54,877	3	4	3	4	219,508	
61	7J03	HVAC Mechanic Group Leader	52,920 - 58,405	1	1	1	1	58,405	
62	7J05	Machinist	47,163 - 51,885	3	3	3	3	155,655	
63	7J07	Machinist Group Leader	51,293 - 56,571	1	1	1	1	56,571	
64	7J15	Machinery and Equipment Mechanic	45,931 - 50,469	2	2	2	2	100,938	
65	7J32	Water Maintenance Superintendent	60,939 - 78,333	1	1	1	1	78,333	
66	7J40	Welder	45,931 - 50,469	1	1	1	1	50,469	
67	7K02	Electrician II	47,163 - 51,885	1	1	1	1	51,885	
68	7K17	Industrial Electrician 2	52,920 - 58,405	2	1	2	1	58,405	
		Subtotal Facilities Management		88	94	85	94	4,604,578	

71-531 (Program Based Budgeting Version)

CITY OF PHILADELPHIA
FISCAL 2022 OPERATING BUDGET

SCHEDULE 100
LIST OF POSITIONS
BY PROGRAM

Department				No.	Program				No.
Water				28	Human Resources and Administration				06
Fund				No.					
Water				02					
Line No. (1)	Class Code (2)	Title (3)	Salary Range (in dollars) (4)	Fiscal 2020 Actual Pos. 6/30/20 (5)	Fiscal 2021 Budgeted Positions (6)	Increment Run -PPE 12/21/20 (7)	Fiscal 2022 Budgeted Positions (8)	Annual Salary 7/1/21 (9)	Increase (Decrease) (Col. 8 less Col. 6) (10)
EXECUTIVE & GENERAL SUPPORT									
69	2L11	Administrative Assistant - Confidential	42,934 - 55,193	1		1	1	55,193	1
70	2L10	Administrative Assistant - Non Confidential	41,886 - 53,848		1				(1)
72	A398	Assistant Managing Director	66,950 - 82,400	3	6	3	6	494,400	
72	1A03	Office Clerk 2	34,342 - 37,130	1	1	1	1	37,130	
73	1A04	Clerk 3	40,589 - 44,289	1	1	1	1	44,289	
74	D250	Deputy Commissioner	103,000 - 131,331	3	4	3	4	525,324	
75	D375	Deputy Managing Director	200,000	1	1	1	1	200,000	
76	2L18	Executive Assistant	69,409 - 89,241	1	1	1	1	90,466	
77	1A20	Executive Secretary	36,748 - 47,245	1	1	1	1	47,870	
78	E695	Executive Assistant	63,654	1	1	1	1	63,654	
79	A398	PWD Security Chief	82,400		1		1	82,400	
80	L016	Labor Relation Specialist	72,100 - 83,430	1	1	1	1	83,430	
81	2E34	Minority Business Enterprise Coordinator	69,409-89,241	1	1	1	1	90,266	
82	W040	Wage Compliance Supervisor	53,993	1	1	1	1	53,993	
Sutotal Executive & General Support				16	21	16	21	1,868,415	
Totals				161	187	157	187	10,092,954	

71-531 (Program Based Budgeting Version)

CITY OF PHILADELPHIA
FISCAL 2022 OPERATING BUDGET

SCHEDULE 100
LIST OF POSITIONS
BY PROGRAM

Department Water	No. 28	Program Human Resources and Administration	No. 06
Fund Water	No. 02		

Line No. (1)	Class Code (2)	Title (3)	Salary Range (in dollars) (4)	Fiscal 2020 Actual Pos. 6/30/20 (5)	Fiscal 2021 Budgeted Positions (6)	Increment Run -PPE 12/21/20 (7)	Fiscal 2022 Budgeted Positions (8)	Annual Salary 7/1/21 (9)	Inc. (Dec.) (Col. 8 less Col. 6) (10)
1		Total Full Time		161	187	157	187	10,092,954	
2		Lump Sum Separation Payments						82,000	
3		Total Part Time						5,000	
4		Temporary						53,000	
5		Regular Overtime						1,033,000	
6		H&L, IOD, LT-Sick						36,000	
7		Shift Differential						18,000	
Total Gross Requirements				161	187	157	187	11,319,954	
Plus: Earned Increment								36,735	
Plus: Longevity								6,675	
Less: (Vacancy Allowance)								(1,431,138)	
Total Budget Request								9,932,226	

Summary of Personal Services

Line No. (1)	Category (2)	Fiscal 2020		Fiscal 2021			Fiscal 2022		Inc. / (Dec.) in Require. (Col. 9 less Col. 6) (10)	Inc. / (Dec.) in Bud. Pos. (Col. 8 less Col. 5) (11)
		Actual Positions 6/30/20 (3)	Actual Obligations (4)	Budgeted Positions (5)	Estimated Obligations (6)	Increment Run -PPE 12/21/20 (7)	Budgeted Positions (8)	Department Request (9)		
1	Lump Sum		83,865		82,000			82,000		
2	Full Time - Civilian	161	8,633,298	187	8,812,054	157	187	8,705,226	(106,828)	
3	Full Time - Uniform									
4	Bonus, Gross Adj.		1,891							
5	PT, Temp/Seas, Bd, SCG		43,036		58,000			58,000		
6	Overtime - Civilian		746,045		1,033,000			1,033,000		
7	Overtime - Uniform									
8	Unused Uniform Leave									
9	Shift/Stress		10,055		18,000			18,000		
10	H&L, IOD, LT-Sick		155,747		36,000			36,000		
11										
12										
Total		161	9,673,937	187	10,039,054	157	187	9,932,226	(106,828)	

71-53J (Program Based Budgeting Version)

CITY OF PHILADELPHIA			SCHEDULE 300 - 400			
FISCAL 2022 OPERATING BUDGET			MATERIALS, SUPPLIES & EQUIPMENT BY PROGRAM			
Department		No.	Program			No.
Water		28	Human Resources and Administration			06
Fund		No.				
Water		02				
Code	Description	Fiscal 2020 Actual Obligations	Fiscal 2021 Original Appropriations	Fiscal 2021 Estimated Obligations	Fiscal 2022 Departmental Request	Increase or (Decrease)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Schedule 300 - Materials & Supplies						
301	Agricultural & Botanical					
302	Animal, Livestock & Marine					
303	Bakeshop, Dining Room & Kitchen					
304	Books & Other Publications	112	11,000	11,000	11,000	
305	Building & Construction	190,961	400,000	400,000	380,000	(20,000)
306	Library Materials					
307	Chemicals & Gases	1,537	5,000	5,000	5,000	
308	Dry Goods, Notions & Wearing Apparel	74,103	85,000	85,000	85,000	
309	Cordage & Fibers					
310	Electrical & Communication	55,681	102,000	102,000	122,000	20,000
311	General Equipment & Machinery	9,017	20,000	20,000	20,000	
312	Fire Fighting & Safety	2,696	30,000	30,000	30,000	
313	Food					
314	Fuel - Heating & Cooling	8,200	10,000	10,000	10,000	
316	General Hardware & Minor Tools	40,100	57,000	57,000	57,000	
317	Hospital & Laboratory	20,755	22,000	22,000	22,000	
318	Janitorial, Laundry & Household	11,338	22,000	22,000	22,000	
320	Office Materials & Supplies	103,151	268,500	268,500	272,000	3,500
322	Small Power Tools & Hand Tools	19,016	30,000	30,000	30,000	
323	Plumbing, AC & Space Heating	65,901	80,000	80,000	80,000	
324	Precision, Photographic & Artists	22,010	32,000	32,000	32,000	
325	Printing	5,814	38,000	38,000	38,000	
326	Recreational & Educational	699	10,000	10,000	10,000	
328	Vehicle Parts & Accessories					
335	Lubricants					
340	#2 Diesel Fuel					
341	Compressed Natural Gas (CNG)					
342	Liquid Propane Gas (LPG)					
345	Gasoline					
399	Other Materials & Supplies (not otherwise classified)					
Total		631,091	1,222,500	1,222,500	1,226,000	3,500
Schedule 400 - Equipment						
405	Construction, Dredging & Conveying					
410	Electrical, Lighting & Communications	933				
411	General Equipment & Machinery		2,000	2,000	2,000	
412	Fire Fighting & Emergency					
417	Hospital & Laboratory		10,000	10,000	10,000	
420	Office Equipment		17,000	17,000	17,000	
423	Plumbing, AC & Space Heating	16,808	40,000	40,000	40,000	
424	Precision, Photographic & Artists		3,000	3,000	3,000	
426	Recreational & Educational					
427	Computer Equipment & Peripherals					
428	Vehicles					
430	Furniture & Furnishings	35,569	600,000	600,000	623,000	23,000
499	Other Equipment (not otherwise classified)	1,962	4,000	4,000	4,000	
Total		55,272	676,000	676,000	699,000	23,000

71-53L (Program Based Budgeting Version)

CITY OF PHILADELPHIA				SUPPORTING DETAIL:		
FISCAL 2022 OPERATING BUDGET				PROFESSIONAL SERVICES AND CARE OF INDIVIDUALS, BY PROGRAM		
Department		No.	Program		No.	
Water		28	Human Resources and Administration		06	
Fund		No.				
Water		02				
Class (1)	Description (2)	Fiscal 2020 Actual Obligations (3)	Fiscal 2021 Original Appropriation (4)	Fiscal 2021 Estimated Obligations (5)	Fiscal 2022 Department Request (6)	Increase or (Decrease) (7)
250s	Professional Services (250-254, 257-259)	1,360,050	2,228,000	2,228,000	2,228,000	
290	Payments for Care of Individuals					
Minor Object Code	Name of Contractor or Provider	Fiscal 2020 Actual Obligations	Fiscal 2021 Original Appropriation	Fiscal 2021 Estimated Obligations	Fiscal 2022 Department Request	Describe purpose or scope of service provided. Include, if applicable, unit cost of service.
250	ABSO	20,000	40,000	40,000	40,000	Background Checks/Investigation
250	Deer Oaks EAP Services	100,000	100,000	100,000	100,000	Employee Assistance Programs
250	Drugscan	24,746	30,000	30,000	30,000	Drug Screen Testing
250	Education Works Inc.	246,000	246,000	246,000	246,000	PowerCorpsPHL
250	Industrial Trainers of America Inc	68,000				Mech. & Elec. Safety Skills Train.
250	J Sharps Landscaping	10,936	10,000	10,000	10,000	Landscape Services
250	JEVS Human Services	90,000	300,000	300,000	300,000	Apprent. skilled trades training
250	Kimberly A. Ferguson	34,000				Leadership Assessment
250	M & M Lawn Care East Inc.	13,283	15,000	15,000	15,000	Design Consultant (Manuals)
250	Med-Tex Services Inc.	100,000				Safety Consultant
250	Mike Nelson Consulting LLC	87,140				On-site Technical Trades Training
250	Nelson Worldwide Inc	150,000	400,000	400,000	400,000	Architectural Services
250	Online Consulting Inc	34,000				Training Services
250	Philadelphia Occupational Health PC	300,000	350,000	350,000	350,000	Occupational Medicine Services
250	Philadelphia Regional Chapter of Shrm	900				Training Services
250	Scientific Boiler Water Condo Co Inc.	22,545	15,000	15,000	15,000	Water Treatment Services
250	SP Plus Corporation	2,500				Validations/ Gallery Garage
250	TBD '21, '22		50,000	50,000	50,000	Consultant Security Training
250	TBD '21, '22		50,000	50,000	50,000	Safety Consultant
250	TBD '21, '22		34,000	34,000	34,000	Unit Requested Training
250	TBD '21, '22		100,000	100,000	100,000	Video Design Consultant
250	TBD '21, '22		34,000	34,000	34,000	Ldrshp. and eLearning dvlpmt.
250	TBD '21, '22		34,000	34,000	34,000	Certified Operator Training
250	TBD '21, '22		100,000	100,000	100,000	Career advancement training
250	TBD '21, '22		34,000	34,000	34,000	Auto CAD training
250	TBD '21, '22		34,000	34,000	34,000	Professional development training
250	TBD '21, '22		34,000	34,000	34,000	HR Consultant
250	TBD '21, '22		34,000	34,000	34,000	Youth Workforce development in
250	TBD '21, '22					Water Resource Management
250	TBD '21, '22		34,000	34,000	34,000	Youth Workforce development in
250	TBD '21, '22					Water Resource Management
250	TBD '21, '22		100,000	100,000	100,000	Safety Const. - Previously MedTex
Total Class 250		1,304,050	2,178,000	2,178,000	2,178,000	
251	Smart Information Mgmt. System Inc.	56,000				IT Staff Augumentation
251	TBD '21, '22		50,000	50,000	50,000	Microsoft/ IT Training
Total Class 251		56,000	50,000	50,000	50,000	

71-53N (Program Based Budgeting Version)

CITY OF PHILADELPHIA
FISCAL 2022 OPERATING BUDGET

SUPPORTING DETAIL:
CLASSES OTHER THAN
250s AND 290, BY PROGRAM

Department	No.	Program	No.
Water	28	Human Resources and Administration	06
Fund	No.		
Water	02		

Minor Object Code	Name of Contractor or Provider	Fiscal 2020 Actual Obligations	Fiscal 2021 Original Appropriation	Fiscal 2021 Estimated Obligations	Fiscal 2022 Department Request	Describe purpose or scope of service provided. Include, if applicable, unit cost of service.
210	Pitney Bowes Bank Inc.	20,000	60,000	60,000	60,000	Rental & Maint. Mail. Equip.
210	United Parcel Services Inc.		32,000	32,000	32,000	Postal Services
210	Other	10				Postal Services
	Total Class 210	20,010	92,000	92,000	92,000	
255	AMWA	16,437	15,000	15,000	15,000	Dues/Memberships (2806)
255	Manko/Gold/Katcher/Fox Llp	10,000	10,000	10,000	10,000	Memberships (2806)
255	NACWA	65,980	61,000	61,000	61,000	Membership Nat'l Water Assn. (2806)
255	The Water Research Foundation		130,000	130,000	130,000	Dues/Memberships (2806)
255	US Water Alliance	38,500	35,000	35,000	35,000	Dues/Memberships (2806)
255	American Water Resources Association (AWRA)		18,000	18,000	18,000	Urban Green Dvlpmt. Org. (2842)
255	American Water Works Association		24,000	24,000	24,000	Utility Association (2842)
255	ISLE Inc.		16,000	16,000	16,000	Urban Green dvlpmt. Org. (2842)
255	McNees, Wallace, & Nurick, LLC		40,000	40,000	40,000	Legal - Quarterly Membership (2842)
255	Temple WET Center		30,000	30,000	30,000	Annual Membership (2842)
255	Water Research Foundation		308,000	308,000	308,000	Water Quality Association (2842)
255	Schuylkill River Greenway Association		100,000	100,000	100,000	Mgmt Org. for the Schuylkill River Natl. & State Heritage Area (2842)
255	Various Vendors		25,000	25,000	25,000	Dues/Memberships (2842)
255	Various Vendors	11,768	21,000	21,000	21,000	Dues/Memberships (2806)
255	Various Vendors		67,000	67,000	72,000	Dues/Memberships (28)
	Class 255 Total	142,685	900,000	900,000	905,000	
256	AKRF		15,000	15,000	15,000	Provide Green SW Infra. Maint Class
256	Core Consulting Group	30,000	30,000	30,000	30,000	Training Service
256	Online Consultants In		20,000	20,000	20,000	Software Training Services
256	Buck & Associates					Training for evacuation for field units
256	Various Vendors	25,899	25,000	25,000	25,000	Various seminars and training
256	TBD '21, '22		22,000	22,000	22,000	Training Sessions
	Class 256 Total	55,899	112,000	112,000	112,000	
260	Audio Video Repair Incorporated	27,880	70,000	70,000	70,000	Repair CCTV Equipment
260	Charles W Romano Company	105,472	350,000	350,000	350,000	Equip. Maint. & Repair
260	Devine Brothers Inc	39,737	60,000	60,000	89,000	Mechanical Contractors
260	Elliot Lewis Corp	26,888	200,000	200,000	200,000	Repair & Maintenance
260	General Asphalt Paving Co Of Phila	171,706	409,000	409,000	300,000	Smoke and Heat Repairs
260	Fortress Protection LLC	102,655	60,000	60,000	60,000	Security and Life Safety
260	J.J.D. Urethane Co Inc		35,000	35,000	35,000	Roofing System
260	Johnson Controls Fire Protection LP	83,000			80,000	Fire Protection System/ Sprinkler
260	Merchantville Overhead Door Co	31,262	85,000	85,000	85,000	Door repairs
260	Municipal Maintenance Company	27,786	200,000	200,000	200,000	Installation of Water Equip.
260	Northeast Fence And Iron Works	11,220	30,000	30,000	30,000	Fence Repairs & Maintenance
260	Phila & Penn Fire Protection Co Inc	36,028	40,000	40,000	40,000	Fire Protection Systems Rep.
260	Wayman Fire Protection Inc	6,247				Fire Protection Systems

71-530 (Program Based Budgeting Version)

CITY OF PHILADELPHIA
FISCAL 2022 OPERATING BUDGET

**SUPPORTING DETAIL:
CLASSES OTHER THAN
250s AND 290, BY PROGRAM**

Department		No.	Program		No.	
Water		28	Human Resources and Administration		06	
Fund		No.				
Water		02				
Minor Object Code	Name of Contractor or Provider	Fiscal 2020 Actual Obligations	Fiscal 2021 Original Appropriation	Fiscal 2021 Estimated Obligations	Fiscal 2022 Department Request	Describe purpose or scope of service provided. Include, if applicable, unit cost of service.
260	Xerox Corporation	15,188	141,000	141,000	141,000	Xerox Copier Leasing
260	Various Vendors	13,803	39,000	39,000	39,000	Repair & Maintenance
	Total Class 260	698,872	1,719,000	1,719,000	1,719,000	
261	Gessler		100,000	100,000	93,000	Bituminous Milling
	Total Class 261		100,000	100,000	93,000	
266	Xerox Corporation	135,571				Maint & Spt - Comp Hardare/Software
	Total Class 266	135,571				
305	Stelwagon Roofing Supply	54,849	85,000	85,000	85,000	Roofing Supplies
305	Donato Spaventa & Sons Inc	16,257	75,000	75,000	75,000	Building and Construction Contractor
305	James Doorcheck Incorporated		35,000	35,000	35,000	Building and Construction
305	Pennsylvania Steel Co Inc	10,656	30,000	30,000	30,000	Building Supplies
305	Northeast Fence and Iron Works	2,028	40,000	40,000	40,000	Building and Construction
305	Sherwin Williams Company	44,378	30,000	30,000	30,000	Paint Supplies
305	Continental Flooring Company		30,000	30,000	10,000	Flooring Supplies
305	Various Vendors	62,793	75,000	75,000	75,000	Building & construction
	Total Class 305	190,961	400,000	400,000	380,000	
308	Lehigh Valley Safety Supply Co Inc	51,500	55,000	55,000	55,000	Safety Shoes
308	American Uniform Sales Inc	19,671	20,000	20,000	20,000	Uniform Apparel
308	Various Vendors	2,932	10,000	10,000	10,000	Uniforms
	Total Class 308	74,103	85,000	85,000	85,000	
310	Colonial Electrical Supply	2,536	23,000	23,000	23,000	Electrical Supplies
310	Charles W Romano Company	21,000			20,000	Electrical Supplies
310	Audio Video Repair Incorporated	31,603	79,000	79,000	79,000	CCTV Photo Parts
310	Other	542				Electrical Supplies
	Total Class 310	55,681	102,000	102,000	122,000	
316	Independent Hardware	8,097	30,000	30,000	30,000	Locks/doors materials
316	Fastenal	3,350	5,000	5,000	5,000	Fasteners/anchors
316	Merchantville Overhead Door Company	22,998	20,000	20,000	20,000	Door Repairs and parts
316	Various Vendors	5,655	2,000	2,000	2,000	Minor tools
	Total Class 316	40,100	57,000	57,000	57,000	
320	Staples Contract & Commercial	82,950	230,000	230,000	230,000	Office Supplies
320	Paper Mart	15,651	30,000	30,000	30,000	Paper
320	Various Vendors	4,549	8,500	8,500	12,000	Office Supplies
	Total Class 320	103,150	268,500	268,500	272,000	

71-530 (Program Based Budgeting Version)

**CITY OF PHILADELPHIA
FISCAL 2022 OPERATING BUDGET**

**SUPPORTING DETAIL:
CLASSES OTHER THAN
250s AND 290, BY PROGRAM**

Department		No.	Program		No.	
Water		28	Human Resources and Administration		06	
Fund		No.				
Water		02				
Minor Object Code	Name of Contractor or Provider	Fiscal 2020 Actual Obligations	Fiscal 2021 Original Appropriation	Fiscal 2021 Estimated Obligations	Fiscal 2022 Department Request	Describe purpose or scope of service provided. Include, if applicable, unit cost of service.
323	Ferguson Enterprises	50,679	65,000	65,000	65,000	Heating and AC Supplies
323	Various Vendors	15,222	15,000	15,000	15,000	Heating and AC Supplies
	Total Class 323	65,901	80,000	80,000	80,000	
430	Transamerican Office Furniture Inc	35,569	590,000	590,000	613,000	Commercial and Contemporary Office Furniture
430	Various Vendors		10,000	10,000	10,000	Furniture
	Total Class 430	35,569	600,000	600,000	623,000	

71-530 (Program Based Budgeting Version)

CITY OF PHILADELPHIA		PERFORMANCE MEASURES AND RACIAL EQUITY		
FISCAL 2022 OPERATING BUDGET				
Department	No.	Program	No.	
Water	28	Finance	07	
Program Description				
<p>This program is charged with overseeing the PWD's financial, accounting, and budgetary functions, including overseeing the budgeting and accounting for PWD financial activities: 1) achieving an affordable and fair rate structure through a transparent rate-making process, and 2) issuing PWD Financial Reports. In addition, the program processes PWD expenditures and completes all documentation related to federal and state grants for the Water Department.</p>				
Program Objectives				
<p>a) This program will continue to work to make the PWD budgeting process more efficient and effective by collecting and analyzing various costs and metrics closely to ensure a fair rate structure and preparing a five year projection of the Water Fund costs to ensure that the Department is able to maintain a sound financial position. The City expects to begin the next rate proceeding by the end of January 2021 to implement a rate increase anticipated to be effective in the first quarter of FY22.</p> <p>b) During the next year, this program will also work with the Office of the Director of Finance, the Treasurer's Office, and other departments to ensure that the bonds retain both their existing ratings and stable outlook.</p>				
Performance Measures				
Description	Fiscal 2020 Year-End	Fiscal 2021 Year-to-Date (Q1 + Q2)	Fiscal 2021 Target	Fiscal 2022 Target
(1)	(2)	(3)	(4)	(5)
Maintain current credit ratings (A+ / A1 / A+)	A+, A1, A+	N/A	A+, A1, A+	A+, A1, A+
<u>Comments:</u>				
Achieve targeted debt and liquidity metrics as defined by the Department's Financial Plan	No	N/A	Minimum amounts as required by the General Bond Ordinance	Minimum amounts as required by the General Bond Ordinance
<u>Comments:</u>				
<u>Comments:</u>				
<u>Comments:</u>				

71-53EZ (Program Based Budgeting Version)

CITY OF PHILADELPHIA			PROGRAM SUMMARY - ALL FUNDS			
FISCAL 2022 OPERATING BUDGET						
Department		No.	Program			No.
Water		28	Finance			07
Summary by Fund						
Fund No.	Fund	Fiscal 2020 Actual Obligations	Fiscal 2021 Original Appropriations	Fiscal 2021 Estimated Obligations	Fiscal 2022 Proposed Budget	Increase or (Decrease)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
02	Water	102,700,379	100,489,129	100,502,458	109,863,012	9,360,554
69	Water Residual	34,994,000	37,000,000	49,000,000	49,000,000	
Total		137,694,379	137,489,129	149,502,458	158,863,012	9,360,554
Summary of Full Time Positions by Fund						
Fund No.	Fund	Actual Positions 6/30/20	Fiscal 2021 Budgeted	Increment Run PPE 12/21/20	Fiscal 2022 Budgeted	Inc. / (Dec.) (Col. 6 less 4)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
02	Water	48	63	49	64	1
69	Water Residual					
Total Full Time		48	63	49	64	1
Summary of Non-Tax Revenues by Fund						
Fund No.	Fund	Fiscal 2020 Actual Revenues	Fiscal 2021 Original Budget	Fiscal 2021 Estimate	Fiscal 2022 Proposed Budget	Increase or (Decrease)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
02	Water	127,329,675	165,215,000	135,165,000	123,600,000	(11,565,000)
69	Water Residual	34,994,000	37,000,000	49,000,000	49,000,000	
Total		162,323,675	202,215,000	184,165,000	172,600,000	(11,565,000)
Selected Associated Capital Projects						
Dept. Where Appropriated	Description	Carry Forward	Fiscal 2021 Original Approp. (GO Only)	Fiscal 2021 Original Approp. (All Other Sources)	Fiscal 2022 Proposed Budget (GO Only)	Fiscal 2022 Proposed Bdg (All Other Sources)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Total						
Selected Associated Operating Costs						
Dept. Where Appropriated	Description	Fiscal 2020 Calculated Obligations	Fiscal 2021 Calculated Appropriations	Fiscal 2021 Calculated Obligations	Fiscal 2022 Calculated Budget	Increase or (Decrease)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Finance	Employee Benefits - Civilian	2,087,151	2,950,505	2,955,787	3,028,133	72,346
Finance	Employee Benefits - Uniform					
Total		2,087,151	2,950,505	2,955,787	3,028,133	72,346

CITY OF PHILADELPHIA	PROGRAM SUMMARY
FISCAL 2022 OPERATING BUDGET	

Department Water	No. 28	Program Finance	No. 07
Fund Water	No. 02		

Summary by Class

Class (1)	Description (2)	Fiscal 2020 Actual Obligations (3)	Fiscal 2021 Original Appropriations (4)	Fiscal 2021 Estimated Obligations (5)	Fiscal 2022 Proposed Budget (6)	Increase or (Decrease) (7)
100	Employee Compensation					
a)	Personal Services	5,456,616	7,659,629	7,672,958	7,855,512	182,554
b)	Employee Benefits					
200	Purchase of Services	32,324,852	22,723,500	22,723,500	32,901,500	10,178,000
300	Materials and Supplies	6,344	58,000	58,000	58,000	
400	Equipment	26,411	38,000	38,000	38,000	
500	Contributions, Indemnities and Taxes	3,909,860	10,000	10,000	10,000	
700	Debt Service					
800	Payments to Other Funds	60,976,296	70,000,000	70,000,000	69,000,000	(1,000,000)
900	Advances and Misc. Payments					
	Total	102,700,379	100,489,129	100,502,458	109,863,012	9,360,554

Summary of Positions

Code (1)	Category (2)	Actual Positions 6/30/20 (3)	Fiscal 2021 Budgeted Positions (4)	Increment Run PPE 12/21/20 (5)	Fiscal 2022 Budgeted Positions (6)	Increase or (Decrease) (7)
101	Full Time - Civilian	48	63	49	64	1
105	Full Time - Uniform					
	Total	48	63	49	64	1

Selected Associated Non-Tax Revenues by Type

Description (1)	Fiscal 2020 Actual Revenues (2)	Fiscal 2021 Original Budget (3)	Fiscal 2021 Estimate (4)	Fiscal 2022 Proposed Budget (5)	Increase or (Decrease) (6)
Local (Non-Governmental)	57,887,000	51,105,000	29,416,000	8,162,000	(21,254,000)
Federal					
State					
Other Governments	859,675	1,000,000	670,000	670,000	
Other Funds of the City	68,583,000	113,110,000	105,079,000	114,768,000	9,689,000
Total	127,329,675	165,215,000	135,165,000	123,600,000	(11,565,000)

71-53F (Program Based Budgeting Version)

CITY OF PHILADELPHIA
FISCAL 2022 OPERATING BUDGET

SCHEDULE 100
LIST OF POSITIONS
BY PROGRAM

Department	No.	Program	No.
Water	28	Finance	07
Fund	No.		
Water	02		

Line No. (1)	Class Code (2)	Title (3)	Salary Range (in dollars) (4)	Fiscal 2020 Actual Pos. 6/30/20 (5)	Fiscal 2021 Budgeted Positions (6)	Increment Run -PPE 12/21/20 (7)	Fiscal 2022 Budgeted Positions (8)	Annual Salary 7/1/21 (9)	Increase (Decrease) (Col. 8 less Col. 6) (10)
FINANCIAL & RATE ANALYSIS									
1	1A04	Clerk 3	40,589 - 44,289	1	2	3	4	177,156	2
2	1B10	Account Clerk	38,170 - 41,540	3	3	1	2	83,080	(1)
3	1B29	Contract Clerk	47,163 - 51,885		1		1	51,885	
4	1E04	Information Management Analyst 3	59,453 -76,422		1		1	76,422	
5	2A06	Accountant	46,852 - 60,240		1				(1)
6	2A07	Accounting Supervisor	60,939 - 78,333	1	1	1	1	78,333	
7	2A08	Accounting Transaction Supervisor	64,837 - 83,355						
8	2A19	Senior Accountant	53,368 - 68,619	1	1	1	1	68,619	
9	2A33	Fiscal Officer	79,414 - 102,110	1	1	1	1	102,110	
10	2A50	Utility Financial Services Manager	88,462 - 113,735	1	2	1	2	227,470	
11	2C05	Budget Officer 1	64,837 - 83,355				1	83,355	1
12	2C06	Budget Officer 2	69,409 - 89,241	1	1	1	1	89,241	
13	2E07	Procurement Specification Analyst	53,368 - 68,619	1	1	1	1	68,619	
14	2E08	Departmental Procurement Specialist	46,200 - 59,403	3	4	3	4	237,612	
15	2F26	Fiscal Analyst 2	60,939 - 78,333	2	3	2	2	156,666	(1)
16	2F27	Fiscal Analyst 3	79,414 - 102,110	1	1	1	1	102,110	
17	2F33	Utility Financial Analyst	56,131 - 72,161	4	3	3	5	360,805	2
18	2F34	Utility Financial Services Supervisor	74,416 - 95,673		2	2	2	191,346	
19	2L01	Administrative Technician	36,910 - 47,465	1	1	1	1	47,465	
20	2L04	Administrative Technical Trainee	37,983 - 48,833		1		1	48,833	
21	2L18	Executive Assistant	69,409 - 89,241	1	1	1	1	89,241	
22	2L31	Administrative Specialist I - Non Confidential	41,886 - 53,848		1				(1)
23	2L32	Administrative Specialist 2 - Non Confidential	53,368 - 68,619	2	3	2	2	137,238	(1)
24	A512	Assistant Deputy Commissioner	123,600	1	1	1	1	123,600	
25	D250	Deputy Commissioner - Finance	116,133 - 169,920	1	1	1	1	169,920	
Subtotal Financial & Rate Analysis				26	37	27	37	2,771,126	

71-531 (Program Based Budgeting Version)

CITY OF PHILADELPHIA
FISCAL 2022 OPERATING BUDGET

SCHEDULE 100
LIST OF POSITIONS
BY PROGRAM

Department				No.	Program				No.
Water				28	Finance				07
Fund				No.					
Water				02					
Line No. (1)	Class Code (2)	Title (3)	Salary Range (in dollars) (4)	Fiscal 2020 Actual Pos. 6/30/20 (5)	Fiscal 2021 Budgeted Positions (6)	Increment Run -PPE 12/21/20 (7)	Fiscal 2022 Budgeted Positions (8)	Annual Salary 7/1/21 (9)	Increase (Decrease) (Col. 8 less Col. 6) (10)
ACCOUNTING									
26	1A03	Office Clerk 2	34,342 - 37,130				1	37,130	
27	1A04	Clerk 3	40,589 - 44,289	5	5	5	5	221,445	
28	1A11	Clerk Typist 1 (OAR)	39,793 - 43,421		1				(1)
29	1B10	Account Clerk	38,170 - 41,540	5	7	5	7	290,780	
30	1B28	Payroll and Investigations Supervisor	48,023 - 61,745	1	1	1	1	61,745	
31	2A06	Accountant	46,852 - 60,240	2	2	1	1	60,240	(1)
32	1A03	Office Clerk 2	34,342 - 37,130	1		1			
33	2A08	Accounting Transactions Supervisor	64,837 - 83,355	1	2	1	2	166,710	
34	2A19	Senior Accountant	53,368 - 68,619	2	2	3	3	205,857	1
35	2A27	Cost Accountant	60,939 - 78,333		1		1	78,333	
36	2A50	Utility/ Enterprise Financial Services Manager	88,462 - 113,735	1	2	1	2	227,470	
37	2F34	Utility Financial Services Manager	74,416 - 95,673	1	1	1	1	85,861	
38	2L10	Administrative Assistant - Non Confidential	41,886 - 53,848	1		1	1	53,848	1
39	2L20	Administrative Officer	54,706 - 70,334	1	1	1	1	55,331	
40	A511	Assistant Deputy Commissioner	123,600	1	1	1	1	123,600	
Subtotal Accounting				22	26	22	27	1,668,350	
Total				48	63	49	64	4,439,476	

71-531 (Program Based Budgeting Version)

CITY OF PHILADELPHIA
FISCAL 2022 OPERATING BUDGET

SCHEDULE 100
LIST OF POSITIONS
BY PROGRAM

Department Water	No. 28	Program Finance	No. 07
Fund Water	No. 02		

Line No. (1)	Class Code (2)	Title (3)	Salary Range (in dollars) (4)	Fiscal 2020 Actual Pos. 6/30/20 (5)	Fiscal 2021 Budgeted Positions (6)	Increment Run -PPE 12/21/20 (7)	Fiscal 2022 Budgeted Positions (8)	Annual Salary 7/1/21 (9)	Inc. (Dec.) (Col. 8 less Col. 6) (10)
1		Total Full Time		48	63	49	64	4,439,476	1
2		Lump Sum Separation Payments						70,000	
3		Fire Hydrant						4,000,000	
4		Total Part Time						20,000	
5		Temporary						51,000	
6		Regular Overtime						72,500	
7		Shift Differential						1,000	
Total Gross Requirements				48	63	49	64	8,653,976	1
Plus: Earned Increment								41,034	
Plus: Longevity								1,070	
Less: (Vacancy Allowance)								(840,568)	
Total Budget Request								7,855,512	

Summary of Personal Services

Line No. (1)	Category (2)	Fiscal 2020		Fiscal 2021			Fiscal 2022		Inc. / (Dec.) in Require. (Col. 9 less Col. 6) (10)	Inc. / (Dec.) in Bud. Pos. (Col. 8 less Col. 5) (11)
		Actual Positions 6/30/20 (3)	Actual Obligations (4)	Budgeted Positions (5)	Estimated Obligations (6)	Increment Run -PPE 12/21/20 (7)	Budgeted Positions (8)	Department Request (9)		
1	Lump Sum		71,745		70,000			70,000		
2	Full Time - Civilian	48	5,266,594	63	7,458,458	49	64	7,641,012	182,554	1
3	Full Time - Uniform									
4	Bonus, Gross Adj.		(721)							
5	PT, Temp/Seas, Bd, SCG		64,344		71,000			71,000		
6	Overtime - Civilian		54,551		72,500			72,500		
7	Overtime - Uniform									
8	Unused Uniform Leave									
9	Shift/Stress		103		1,000			1,000		
10	H&L, IOD, LT-Sick									
11										
12										
Total		48	5,456,616	63	7,672,958	49	64	7,855,512	182,554	1

71-53J (Program Based Budgeting Version)

CITY OF PHILADELPHIA			SCHEDULE 300 - 400			
FISCAL 2022 OPERATING BUDGET			MATERIALS, SUPPLIES & EQUIPMENT BY PROGRAM			
Department		No.	Program		No.	
Water		28	Finance		07	
Fund		No.				
Water		02				
Code	Description	Fiscal 2020 Actual Obligations	Fiscal 2021 Original Appropriations	Fiscal 2021 Estimated Obligations	Fiscal 2022 Departmental Request	Increase or (Decrease)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Schedule 300 - Materials & Supplies						
301	Agricultural & Botanical					
302	Animal, Livestock & Marine					
303	Bakeshop, Dining Room & Kitchen					
304	Books & Other Publications	1,660	51,000	51,000	51,000	
305	Building & Construction					
306	Library Materials					
307	Chemicals & Gases					
308	Dry Goods, Notions & Wearing Apparel					
309	Cordage & Fibers					
310	Electrical & Communication		1,000	1,000	1,000	
311	General Equipment & Machinery	2,544	1,000	1,000	1,000	
312	Fire Fighting & Safety					
313	Food					
314	Fuel - Heating & Cooling					
316	General Hardware & Minor Tools					
317	Hospital & Laboratory					
318	Janitorial, Laundry & Household					
320	Office Materials & Supplies	2,131				
322	Small Power Tools & Hand Tools		1,000	1,000	1,000	
323	Plumbing, AC & Space Heating					
324	Precision, Photographic & Artists	9	2,000	2,000	2,000	
325	Printing		2,000	2,000	2,000	
326	Recreational & Educational					
328	Vehicle Parts & Accessories					
335	Lubricants					
340	#2 Diesel Fuel					
341	Compressed Natural Gas (CNG)					
342	Liquid Propane Gas (LPG)					
345	Gasoline					
399	Other Materials & Supplies (not otherwise classified)					
	Total	6,344	58,000	58,000	58,000	
Schedule 400 - Equipment						
405	Construction, Dredging & Conveying					
410	Electrical, Lighting & Communications		2,000	2,000	2,000	
411	General Equipment & Machinery	301				
412	Fire Fighting & Emergency					
417	Hospital & Laboratory					
420	Office Equipment		36,000	36,000	36,000	
423	Plumbing, AC & Space Heating					
424	Precision, Photographic & Artists					
426	Recreational & Educational					
427	Computer Equipment & Peripherals					
428	Vehicles					
430	Furniture & Furnishings	26,110				
499	Other Equipment (not otherwise classified)					
	Total	26,411	38,000	38,000	38,000	

71-53L (Program Based Budgeting Version)

CITY OF PHILADELPHIA				SUPPORTING DETAIL:		
FISCAL 2022 OPERATING BUDGET				PROFESSIONAL SERVICES AND CARE OF INDIVIDUALS, BY PROGRAM		
Department		No.	Program		No.	
Water		28	Finance		07	
Fund		No.				
Water		02				
Class (1)	Description (2)	Fiscal 2020 Actual Obligations (3)	Fiscal 2021 Original Appropriation (4)	Fiscal 2021 Estimated Obligations (5)	Fiscal 2022 Department Request (6)	Increase or (Decrease) (7)
250s	Professional Services (250-254, 257-259)	31,823,085	22,224,000	22,224,000	32,389,000	10,165,000
290	Payments for Care of Individuals					
Minor Object Code	Name of Contractor or Provider	Fiscal 2020 Actual Obligations	Fiscal 2021 Original Appropriation	Fiscal 2021 Estimated Obligations	Fiscal 2022 Department Request	Describe purpose or scope of service provided. Include, if applicable, unit cost of service.
250	Acacia Financial Group	95,000				Financial Advisor Debt Issuance (CTO contract)
250	Acacia Financial Group				25,000	Financial Advisor Debt Issuance (CTO contract)
250	Acacia Financial Group		75,000	75,000	75,000	Financial Advisor Rate Case and Other matters
250	Arcadis US Inc	350,000	400,000	400,000	400,000	Bond Study and Associated Work
250	Arcadis US Inc				100,000	Cost of Service / Rate Matters
250	Ballard Spahr Andrews & Ingersoll	100,000				Bond Study and Associated Work
250	Black & Veatch	1,350,000	750,000	750,000	1,000,000	Cost of Service / Rate Matters
250	Black & Veatch				50,000	Bond Study and Associated Work
250	City of Philadelphia	375				Reimbursement for Bank charges
250	Clifton Larson Allen	165,000	75,000	75,000	75,000	Internal Control
250	Digital Assurance Certification	4,000	5,000	5,000	5,000	Dissemination Agent
250	Enel X North America	48,000				Energy Procurement Consultant
250	Fitch (Direct Expenditure)	5,000	15,000	15,000	20,000	Rating Agency Surveillance Fees
250	Greenberg Traurig, LLP	50,000			50,000	Disclosure Counsel Water
250	Hawkins Delafield & Wood LLP	36,000	60,000	60,000	40,000	Invest. Portfolio Arbitrage Analyses
250	Iron Mountain (Direct Expenditure)	924	5,000	5,000		Document Management Support
250	J.D. Power & Associates	32,000			45,000	
250	James O'Shaughnessy	34,000			34,000	Accounting Services
250	Milligan & Company	10,775				General Accounting Assistance
250	Moody's (Direct Expenditure)	51,485	25,000	25,000	100,000	Rating Agency Surveillance Fees
250	Norfolk Southern Railway Company	1,600				Transportation consulting
250	Various Vendors	2,714				Consulting Services
250	PAID		170,000	170,000	170,000	Public Affairs Program - Business Assistance Program
250	PAID	229,824	170,000	170,000	170,000	Public Affairs Program - GSI Soak-It-Up Adoption Program
250	PAID	25,000,000	15,000,000	15,000,000	25,000,000	Regulatory Compliance Program - Stormwater Management Program
250	PFM Asset Management	75,000				Investment Mgmt. Services - Arbitrage Rebate
250	PFM Financial Advisors, LLC				75,000	Financial Advisor Debt Issuance (CTO contract)
250	PNC Bank (Direct Expenditure)	141,229	180,000	180,000	180,000	Zip Check/Online Fees (PWD Share)
250	Public Financial Management Inc.	145,000	200,000	200,000	75,000	Financial Advisor Rate Case and Other matters

71-53N (Program Based Budgeting Version)

CITY OF PHILADELPHIA FISCAL 2022 OPERATING BUDGET				SUPPORTING DETAIL: PROFESSIONAL SERVICES AND CARE OF INDIVIDUALS, BY PROGRAM		
Department		No.	Program		No.	
Water		28	Finance		07	
Fund		No.				
Water		02				
Class (1)	Description (2)	Fiscal 2020 Actual Obligations (3)	Fiscal 2021 Original Appropriation (4)	Fiscal 2021 Estimated Obligations (5)	Fiscal 2022 Department Request (6)	Increase or (Decrease) (7)
250s	Professional Services (250-254, 257-259)	31,823,085	22,224,000	22,224,000	32,389,000	10,165,000
290	Payments for Care of Individuals					
Minor Object Code	Name of Contractor or Provider	Fiscal 2020 Actual Obligations	Fiscal 2021 Original Appropriation	Fiscal 2021 Estimated Obligations	Fiscal 2022 Department Request	Describe purpose or scope of service provided. Include, if applicable, unit cost of service.
250	Raftelis Financial Consultants Inc.	2,400,000	2,000,000	2,000,000		TAP/ CAMP Support and Basis 2 Reporting
250	Raftelis Financial Consultants Inc.	400,000			400,000	Bond Study and Associated Work
250	Raftelis Financial Consultants Inc.				1,100,000	TAP/ CAMP Support and Basis 2 Reporting (COS)
250	S&P (Direct Expenditure)	3,500	15,000	15,000	15,000	Rating Agency Surveillance Fees
250	SOA, LLC	60,000	60,000	60,000	60,000	Stormwater Grants Plan
250	SS & C TECHNOLOGIES	11,250	15,000	15,000	15,000	Debt Manager Software (CTO contract - PWD Share)
250	SWAP Financial Group	12,000	35,000	35,000	35,000	SWAP Consultants for Treasurer (CTO contract - PWD Share)
250	TD Bank		300,000	300,000		Consulting Services for Accounting and Finance Matters
250	The Graham Company	26,910				Insurance Brokerage Services
250	Eneroc Inc./Enel X North America		55,000	45,000		Energy Plan
250	TBD '21		416,000	416,000		Consulting Services for Accounting and Finance Matters
250	TBD '21, '22		340,000	340,000	450,000	Variable Rate Debt support and CP program
250	TBD '21, '22		33,000	33,000	450,000	Wholesale support
250	US Bank, N.A. (Direct Expenditure)	60,152	80,000	80,000	80,000	Trustee Fees
250	Zelenkofske Axelrod LLC	575,000	425,000	425,000	500,000	Accounting Services (Fin. Stmt. Assistance, CAP, Labor X System)
250	Zelenkofske Axelrod LLC		50,000	50,000	50,000	Central Fin. Contract - PWD share
	Total Class 250	31,476,738	20,954,000	20,944,000	30,844,000	
251	Iron Mountain	54,000	100,000	100,000	100,000	PWD AP Workflow Automation
	Total Class 251	54,000	100,000	100,000	100,000	
252	Zelenkofske Axelrod LLC	30,000	45,000	45,000	45,000	Central Fin. Contract - PWD share
	Total Class 252	30,000	45,000	45,000	45,000	

71-53N (Program Based Budgeting Version)

**CITY OF PHILADELPHIA
FISCAL 2022 OPERATING BUDGET**

**SUPPORTING DETAIL:
PROFESSIONAL SERVICES AND
CARE OF INDIVIDUALS, BY PROGRAM**

Department Water	No. 28	Program Finance	No. 07
Fund Water	No. 02		

Class (1)	Description (2)	Fiscal 2020 Actual Obligations (3)	Fiscal 2021 Original Appropriation (4)	Fiscal 2021 Estimated Obligations (5)	Fiscal 2022 Department Request (6)	Increase or (Decrease) (7)
250s	Professional Services (250-254, 257-259)	31,823,085	22,224,000	22,224,000	32,389,000	10,165,000
290	Payments for Care of Individuals					

Minor Object Code	Name of Contractor or Provider	Fiscal 2020 Actual Obligations	Fiscal 2021 Original Appropriation	Fiscal 2021 Estimated Obligations	Fiscal 2022 Department Request	Describe purpose or scope of service provided. Include, if applicable, unit cost of service.
253	Ahmad & Zaffar		25,000		25,000	PWD's Tax Exempt Bonds Review
253	Andre Dasant	150,000	50,000	450,000	75,000	Rate Hearing Legal Services
253	Ballard Spahr		230,000	125,000	200,000	Legal Services - GBO
253	Greenberg Trauig, LLP		75,000	50,000	75,000	Disclosure Services
253	Marjorie Stern Jacobs Esq		75,000		15,000	Legal Services
253	TBD '22				500,000	Support for Legal Negotiation Cost of Service & Rates RFP for Legal Representation
253	TBD '21		160,000			Cost of Service & Rates RFP for Legal Representation
	Total Class 253	150,000	615,000	625,000	890,000	
258	US Legal Support Inc	5,000	10,000	10,000	10,000	Court Reporting
	Total Class 258	5,000	10,000	10,000	10,000	
259	First Judicial District (Direct Expenditure)	107,347	500,000	500,000	500,000	Court Filing Fees for Delin. Accts.
	Total Class 259	107,347	500,000	500,000	500,000	

71-53N (Program Based Budgeting Version)

**CITY OF PHILADELPHIA
FISCAL 2022 OPERATING BUDGET**

**SUPPORTING DETAIL:
CLASSES OTHER THAN
250s AND 290, BY PROGRAM**

Department Water	No. 28	Program Finance	No. 07
Fund Water	No. 02		

Minor Object Code	Name of Contractor or Provider	Fiscal 2020 Actual Obligations	Fiscal 2021 Original Appropriation	Fiscal 2021 Estimated Obligations	Fiscal 2022 Department Request	Describe purpose or scope of service provided. Include, if applicable, unit cost of service.
211	American Express	5,953	157,000	157,000	157,000	Travel and Transportation
211	Others		5,000	5,000	5,000	Travel and Transportation
	Total Class 211	5,953	162,000	162,000	162,000	
215	Commonwealth of PA		50,000	50,000	50,000	Licenses
215	PA Fish & Boat Commission		10,000	10,000	10,000	Licenses
215	Various Vendors	75	40,000	40,000	40,000	Licenses
	Total Class 215	75	100,000	100,000	100,000	
256	Multiple Employees	6,923	177,500	177,500	190,500	Seminars
	Total Class 256	6,923	177,500	177,500	190,500	
280	Factory Mutal Insurance Company	78,987				Insurance Services
	Total Class 280	78,987				
282	Philadelphia Municipal Authority	400,000	4,000	4,000	4,000	Leasing for Automatic Meter Reading (AMA) tracking services
	Total Class 282	400,000	4,000	4,000	4,000	
304	Books and Other Publications	1,660	51,000	51,000	51,000	Rating Agency subscription
	Total Class 304	1,660	51,000	51,000	51,000	

71-530 (Program Based Budgeting Version)

CITY OF PHILADELPHIA			PROGRAM SUMMARY - ALL FUNDS			
FISCAL 2022 OPERATING BUDGET						
Department		No.	Program		No.	
Water		28	Residual Fund		07	
Summary by Fund						
Fund No.	Fund	Fiscal 2020 Actual Obligations	Fiscal 2021 Original Appropriations	Fiscal 2021 Estimated Obligations	Fiscal 2022 Proposed Budget	Increase or (Decrease)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
69	Residual Fund	34,994,000	37,000,000	37,000,000	49,000,000	12,000,000
Total		34,994,000	37,000,000	37,000,000	49,000,000	12,000,000
Summary of Full Time Positions by Fund						
Fund No.	Fund	Actual Positions 6/30/20	Fiscal 2021 Budgeted	Increment Run PPE 11/22/20	Fiscal 2022 Budgeted	Inc. / (Dec.) (Col. 6 less 4)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Total Full Time						
Summary of Non-Tax Revenues by Fund						
Fund No.	Fund	Fiscal 2020 Actual Revenues	Fiscal 2021 Original Budget	Fiscal 2021 Estimate	Fiscal 2022 Proposed Budget	Increase or (Decrease)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Total						
Selected Associated Capital Projects						
Dept. Where Appropriated	Description	Carry Forward	Fiscal 2021 Original Approp. (GO Only)	Fiscal 2021 Original Approp. (All Other Sources)	Fiscal 2022 Proposed Budget (GO Only)	Fiscal 2022 Proposed Bdg (All Other Sources)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Total						
Selected Associated Operating Costs						
Dept. Where Appropriated	Description	Fiscal 2020 Calculated Obligations	Fiscal 2021 Calculated Appropriations	Fiscal 2021 Calculated Obligations	Fiscal 2022 Calculated Budget	Increase or (Decrease)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Finance	Employee Benefits - Civilian					
Finance	Employee Benefits - Uniform					
Total						

CITY OF PHILADELPHIA			PROGRAM SUMMARY			
FISCAL 2022 OPERATING BUDGET						
Department	No.	Program			No.	
Water	28	Residual Fund			07	
Fund	No.					
Residual	69					
Summary by Class						
Class	Description	Fiscal 2020 Actual Obligations	Fiscal 2021 Original Appropriations	Fiscal 2021 Estimated Obligations	Fiscal 2022 Proposed Budget	Increase or (Decrease)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
100	Employee Compensation					
a)	Personal Services					
b)	Employee Benefits					
200	Purchase of Services		2,000,000	2,000,000	8,000,000	6,000,000
300	Materials and Supplies		2,000,000	2,000,000	8,000,000	6,000,000
400	Equipment					
500	Contributions, Indemnities and Taxes					
700	Debt Service					
800	Payments to Other Funds	34,994,000	33,000,000	33,000,000	33,000,000	
900	Advances and Misc. Payments					
	Total	34,994,000	37,000,000	37,000,000	49,000,000	12,000,000
Summary of Positions						
Code	Category	Actual Positions 6/30/20	Fiscal 2021 Budgeted Positions	Increment Run PPE 12/21/20	Fiscal 2022 Budgeted Positions	Increase or (Decrease)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
101	Full Time - Civilian					
105	Full Time - Uniform					
	Total					
Selected Associated Non-Tax Revenues by Type						
Description	Fiscal 2020 Actual Revenues	Fiscal 2021 Original Budget	Fiscal 2021 Estimate	Fiscal 2022 Proposed Budget	Increase or (Decrease)	
(1)	(2)	(3)	(4)	(5)	(6)	
Local (Non-Governmental)						
Federal						
State						
Other Governments						
Other Funds of the City						
Total						

71-53F (Program Based Budgeting Version)

CITY OF PHILADELPHIA		PERFORMANCE MEASURES AND RACIAL EQUITY		
FISCAL 2022 OPERATING BUDGET				
Department	No.	Program	No.	
Water	28	Engineering & Construction	08	
Program Description				
Capital Budget program which includes design, project control, and construction management for new and existing assets. The program also ensures the renewal and replacement of the PWD's conveyance and collector systems, as well as its treatment facilities.				
Program Objectives				
<p>a) This program will continue to reinvest in the Department's infrastructure through its capital program. The Department's FY22 capital budget is proposed at \$378.9 million plus carryforward and includes funding for ongoing infrastructure upgrades and maintenance through pipeline monitoring and best practices in asset management. These investments will allow the Department to continue to meet regulatory requirements and ensure reliability of service by replacing water and wastewater infrastructure that has reached the end of its useful life.</p> <p>b) The Department anticipates that over the next 20 years, compliance with the Consent Order and Agreement, a 25-year regulatory commitment to comply with the Long-Term Control Plan Update of the Clean Water Act, will significantly increase capital and operating expenditures related to its Combined Sewer Overflow Program requirements. Looking ahead to the tenth-year milestone, PWD continues to review program cost and delivery to optimize the program while satisfying necessary regulatory requirements. As of the most recent projections, the total cost of the 25-year program is approximately \$4.5 billion, of which approximately \$3.5 billion are capital-related costs and \$1 billion are operation and maintenance-related costs.</p>				
Performance Measures				
Description	Fiscal 2020 Year-End	Fiscal 2021 Year-to-Date (Q1 + Q2)	Fiscal 2021 Target	Fiscal 2022 Target
(1)	(2)	(3)	(4)	(5)
Miles of sewers renewed	7.34	N/A	≥ 3	≥ 10
<u>Comments:</u> This is an annual measure. It is tabulated at year-end and lagging by one quarter.				
Miles of water mains renewed	10.68	N/A	≥ 10	≥ 38
<u>Comments:</u> This is an annual measure. It is tabulated at year-end and lagging by one quarter.				
Percent of capital budget encumbered	67%	N/A	≥ 35%	≥ 95%
<u>Comments:</u> This is an annual measure. It is tabulated at year-end and lagging by one quarter.				
<u>Comments:</u>				
<u>Comments:</u>				

71-53EZ (Program Based Budgeting Version)

CITY OF PHILADELPHIA			PROGRAM SUMMARY - ALL FUNDS			
FISCAL 2022 OPERATING BUDGET						
Department		No.	Program		No.	
Water		28	Engineering & Construction		08	
Summary by Fund						
Fund No.	Fund	Fiscal 2020 Actual Obligations	Fiscal 2021 Original Appropriations	Fiscal 2021 Estimated Obligations	Fiscal 2022 Proposed Budget	Increase or (Decrease)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
02	Water	5,489,767	7,042,333	7,073,044	8,307,112	1,234,068
Total		5,489,767	7,042,333	7,073,044	8,307,112	1,234,068
Summary of Full Time Positions by Fund						
Fund No.	Fund	Actual Positions 6/30/20	Fiscal 2021 Budgeted	Increment Run PPE 12/21/20	Fiscal 2022 Budgeted	Inc. / (Dec.) (Col. 6 less 4)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
02	Water	86	119	66	126	7
Total Full Time		86	119	66	126	7
Summary of Non-Tax Revenues by Fund						
Fund No.	Fund	Fiscal 2020 Actual Revenues	Fiscal 2021 Original Budget	Fiscal 2021 Estimate	Fiscal 2022 Proposed Budget	Increase or (Decrease)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Total						
Selected Associated Capital Projects						
Dept. Where Appropriated	Description	Carry Forward	Fiscal 2021 Original Approp. (GO Only)	Fiscal 2021 Original Approp. (All Other Sources)	Fiscal 2022 Proposed Budget (GO Only)	Fiscal 2022 Proposed Bdgt (All Other Sources)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Water	Engineering and Material Support	23,463		25,865		27,319
Total		23,463		25,865		27,319
Selected Associated Operating Costs						
Dept. Where Appropriated	Description	Fiscal 2020 Calculated Obligations	Fiscal 2021 Calculated Appropriations	Fiscal 2021 Calculated Obligations	Fiscal 2022 Calculated Budget	Increase or (Decrease)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Finance	Employee Benefits - Civilian	1,460,679	1,675,094	1,687,265	2,111,333	424,068
Finance	Employee Benefits - Uniform					
Total		1,460,679	1,675,094	1,687,265	2,111,333	424,068

CITY OF PHILADELPHIA			PROGRAM SUMMARY			
FISCAL 2022 OPERATING BUDGET						
Department		No.	Program		No.	
Water		28	Engineering & Construction		08	
Fund		No.				
Water		02				
Summary by Class						
Class	Description	Fiscal 2020 Actual Obligations	Fiscal 2021 Original Appropriations	Fiscal 2021 Estimated Obligations	Fiscal 2022 Proposed Budget	Increase or (Decrease)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
100	Employee Compensation					
a)	Personal Services	4,213,015	5,133,833	5,164,544	6,234,612	1,070,068
b)	Employee Benefits					
200	Purchase of Services	1,021,702	1,605,500	1,605,500	1,763,500	158,000
300	Materials and Supplies	61,791	97,000	97,000	103,000	6,000
400	Equipment	193,259	206,000	206,000	206,000	
500	Contributions, Indemnities and Taxes					
700	Debt Service					
800	Payments to Other Funds					
900	Advances and Misc. Payments					
Total		5,489,767	7,042,333	7,073,044	8,307,112	1,234,068
Summary of Positions						
Code	Category	Actual Positions 6/30/20	Fiscal 2021 Budgeted Positions	Increment Run PPE 12/21/20	Fiscal 2022 Budgeted Positions	Increase or (Decrease)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
101	Full Time - Civilian	86	119	66	126	7
105	Full Time - Uniform					
Total		86	119	66	126	7
Selected Associated Non-Tax Revenues by Type						
Description	Fiscal 2020 Actual Revenues	Fiscal 2021 Original Budget	Fiscal 2021 Estimate	Fiscal 2022 Proposed Budget	Increase or (Decrease)	
(1)	(2)	(3)	(4)	(5)	(6)	
Local (Non-Governmental)						
Federal						
State						
Other Governments						
Other Funds of the City						
Total						

71-53F (Program Based Budgeting Version)

CITY OF PHILADELPHIA
FISCAL 2022 OPERATING BUDGET

SCHEDULE 100
LIST OF POSITIONS
BY PROGRAM

Department	No.	Program	No.
Water	28	Engineering & Construction	08
Fund	No.		
Water	02		

Line No. (1)	Class Code (2)	Title (3)	Salary Range (in dollars) (4)	Fiscal 2020 Actual Pos. 6/30/20 (5)	Fiscal 2021 Budgeted Positions (6)	Increment Run -PPE 12/21/20 (7)	Fiscal 2022 Budgeted Positions (8)	Annual Salary 7/1/21 (9)	Increase (Decrease) (Col. 8 less Col. 6) (10)
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PROJECTS CONTROL									
1	1A04	Clerk 3	40,589 - 44,289	1	1		1	44,289	
2	2F69	Contracts Coordinator	60,939 - 78,333		1		1	78,333	
3	2L18	Executive Assistant	69,409 - 89,241	1		1			
4	7B09	Water Customer Service Manager	60,939 - 78,333			1			
5	3A01	Engineering Aide 1	37,067 - 40,288		6				(6)
6	3A02	Engineering Aide 2	40,589 - 44,289	7	2	7	6	265,734	4
7	3A03	Engineering Aide 3	44,833 - 49,200	1	1	1	1	49,200	
8	3A11	Engineering Technician 1	45,931 - 50,469	1	1	1			(1)
9	3A12	Engineering Technician 2	48,417 - 53,303		2		2	106,606	
10	3A17	Construction Projects Technician 1	47,163 - 51,885	2	3		2	103,770	(1)
11	3A18	Construction Projects Technician 2	51,293 - 56,571	4	4	4	4	226,284	
12	3A30	Engineering Aide Trainee	35,743 - 38,783						
13	3B04	Graduate Civil Engineer	57,955	2	2				(2)
14	3B05	Civil Engineer 1	55,976 - 62,975			2			
15	3B06	Civil Engineer 2	60,985 - 68,619						
16	3B62	Environmental Engineer 2	60,985 - 68,619	1	1				(1)
17	3B71	Construction Engineer 1	69,409 - 89,241	2	2	2	1	89,241	(1)
18	3B72	Construction Engineer 2	79,414 - 102,110		1		2	204,220	1
19	3B74	Engineering Specialist	63,256 - 81,322			1	1	81,322	1
20	3B83	Water Eng. Assistant Projects Manager	84,839 - 109,073				1	89,241	1
21	3C08	Water Eng. Assistant Manager	96,609 - 124,207		1		1	124,207	
22	3E20	GIS Specialist 1	46,852 - 60,240		1		1	60,240	
23	3E21	GIS Specialist 2	53,368 - 68,619	4	4	4	3	205,857	(1)
24	3E22	GIS Specialist 3	67,718 - 87,064	1	1	1	2	174,128	1
25	3E23	GIS Manager	79,414 - 102,110	1	1	1	1	102,110	
Subtotal Projects Control				28	35	26	30	2,004,782	(5)

DESIGN									
26	1A03	Clerk 2	34,342 - 37,130	1					
27	1A04	Clerk 3	40,589 - 44,289	1	1	1	1	44,289	
28	1A21	Clerical Supervisor 1	38,170 - 41,540				1	41,540	1
29	1A22	Clerical Supervisor 2	42,769 - 46,786				1	46,786	1
30	2L01	Administrative Technician	36,910 - 47,465	1					
31	2L04	Administrative Technical Trainee	37,983 - 48,833			1	1	48,833	
32	2L10	Administrative Assistant - Non - Confidential	41,886 - 53,848	1					
33	3A02	Engineering Aide 2	40,589 - 44,289		1		1	44,289	
34	3A13	Engineering Plans Design Supv	54,706 - 70,334		1		1	70,334	
35	3A30	Engineering Aide Trainee	35,743 - 38,783			1			
36	3B04	Graduate Civil Engineer	57,955	7	2	3	2	115,910	
37	3B05	Civil Engineer 1	55,976 - 62,975	4	6	5	6	377,850	
38	3B06	Civil Engineer 2	60,985 - 68,619	5	1	1	1	68,619	
39	3B10	Graduate Electrical Engineer	57,955		1		1	57,955	
40	3B11	Electrical Engineer 1	55,976 - 62,975		1		1	62,975	
41	3B20	Graduate Mechanical Engineer	57,955			1			

71-531 (Program Based Budgeting Version)

CITY OF PHILADELPHIA
FISCAL 2022 OPERATING BUDGET

SCHEDULE 100
LIST OF POSITIONS
BY PROGRAM

Department	No.	Program	No.
Water	28	Engineering & Construction	08
Fund	No.		
Water	02		

Line No. (1)	Class Code (2)	Title (3)	Salary Range (in dollars) (4)	Fiscal 2020 Actual Pos. 6/30/20 (5)	Fiscal 2021 Budgeted Positions (6)	Increment Run -PPE 12/21/20 (7)	Fiscal 2022 Budgeted Positions (8)	Annual Salary 7/1/21 (9)	Increase (Decrease) (Col. 8 less Col. 6) (10)
42	3B21	Mechanical Engineer 1	55,976 - 62,975				1	62,975	1
43	3B22	Mechanical Engineer 2	60,985 - 68,619	1		1	1	66,619	1
44	3B74	Engineering Specialist	63,256 - 81,322	4	6	5	7	569,254	1
45	3B75	Staff Engineer 1	67,718 - 87,064	1	2		2	174,128	
46	3B76	Staff Engineer 2 (I&C)	96,433 - 102,110		1		1	102,110	
47	3B78	Project Design Engineer	82,964 - 93,339		1		1	93,339	
48	3B81	Engineering Supervisor 1	69,409 - 89,241	2	8	1	8	713,928	
49	3B82	Engineering Supervisor 2	79,414 - 102,110		2		2	204,220	
50	3B83	Water Engineering Project Asst. Manager	84,839 - 109,073		1		1	109,073	
51	3D06	Architectural Projects Coordinator 4	72,600 - 93,339	1	1	1	1	93,339	
52	3D10	Architectural Projects Coordinator 3	63,256 - 81,322		1		1	81,322	
53	3E05	City Planner Supervisor	79,326 - 89,241	1		1			
Subtotal Design				30	38	21	43	3,249,687	5
CONSTRUCTION									
54	2L20	Administrative Officer	54,706 - 70,334			1	1	70,334	
55	1A03	Office Clerk 2	34,342 - 37,130	1		1			
56	3A12	Engineering Technician 2	48,417 - 53,303	1		1	1	53,303	1
57	3A17	Construction Projects Tech 1	47,163 - 51,885	8	10	3	14	726,390	4
58	3A18	Construction Projects Tech 2	51,293 - 56,571	1	3	3	2	113,142	(1)
59	3A19	Construction Projects Tech Supervisor	56,663 - 62,664	1			1	62,664	1
60	3B04	Graduate Civil Engineer	57,955	3	6	1	5	289,775	(1)
61	3B05	Civil Engineer 1	55,976 - 62,975			2			
62	3B20	Graduate Mechanical Engineer	57,955			1			
63	3B11	Electrical Engineer 1	55,976 - 62,975	1			1	62,975	1
64	3B71	Construction Engineer 1	69,409 - 89,241	4	7	4	8	713,928	1
65	3B72	Construction Engineer 2	79,414 - 102,110				1	102,110	1
66	7J02	HVAC Mechanic 2	49,788 - 54,877	1					
67	3B79	Design and Construction Project Manager	96,433 - 102,110		2				(2)
68	3B81	Engineering Supervisor 1	69,409 - 89,241		1				(1)
69	3B83	Water Engineering Projects Assistant Manager	84,839 - 109,073				1	109,073	1
70	3B74	Engineering Specialist	63,256 - 81,322	1			1	81,322	1
71	3C68	Water Engineering Projects Manager	92,407 - 118,800	1	1		1	118,800	
Subtotal Construction				23	31	16	37	2,503,816	6

71-531 (Program Based Budgeting Version)

CITY OF PHILADELPHIA
FISCAL 2022 OPERATING BUDGET

SCHEDULE 100
LIST OF POSITIONS
BY PROGRAM

Department Water	No. 28	Program Engineering & Construction	No. 08
Fund Water	No. 02		

Line No. (1)	Class Code (2)	Title (3)	Salary Range (in dollars) (4)	Fiscal 2020 Actual Pos. 6/30/20 (5)	Fiscal 2021 Budgeted Positions (6)	Increment Run -PPE 12/21/20 (7)	Fiscal 2022 Budgeted Positions (8)	Annual Salary 7/1/21 (9)	Increase (Decrease) (Col. 8 less Col. 6) (10)
		SURVEY							
72	1A22	Clerical Supervisor 2	42,769 - 46,786	1					
73	3A01	Engineering Aide 1	37,067 - 40,288		2		2	80,576	
74	3A02	Engineering Aide 2	40,589 - 44,289	2	4		4	177,156	
73	3A03	Engineering Aide 3	44,833 - 49,200				1	49,200	1
74	3A11	Engineering Technician 1	45,931 - 50,469		2		2	100,938	
75	3A12	Engineering Technician 2	48,417 - 53,303		1		1	53,303	
74	3A30	Engineering Aide Trainee	35,743 - 38,783	1		2			
75	3F04	Surveyor 1	43,486 - 55,902		2		2	111,804	
76	3F06	Surveyor 3	54,706 - 70,334		1		1	70,334	
75	7D11	Custodial Worker	33,060 - 35,481	1	1	1	1	35,481	
76	C403	Community Apprentice	28,250		2		2	56,500	
		Subtotal Survey		5	15	3	16	735,292	1
		Totals		86	119	66	126	8,493,577	7

71-531 (Program Based Budgeting Version)

CITY OF PHILADELPHIA
FISCAL 2022 OPERATING BUDGET

SCHEDULE 100
LIST OF POSITIONS
BY PROGRAM

Department Water	No. 28	Program Engineering & Construction	No. 08
Fund Water	No. 02		

Line No. (1)	Class Code (2)	Title (3)	Salary Range (in dollars) (4)	Fiscal 2020 Actual Pos. 6/30/20 (5)	Fiscal 2021 Budgeted Positions (6)	Increment Run -PPE 12/21/20 (7)	Fiscal 2022 Budgeted Positions (8)	Annual Salary 7/1/21 (9)	Inc. (Dec.) (Col. 8 less Col. 6) (10)
1		Total Full Time		86	119	66	126	8,493,577	7
2		Lump Sum Separation Payments						288,000	
3		Temporary						485,000	
4		Regular Overtime						134,000	
Total Gross Requirements				86	119	66	126	9,400,577	7
Plus: Earned Increment								35,109	
Plus: Longevity								2,873	
Less: (Vacancy Allowance)								(3,203,947)	
Total Budget Request								6,234,612	

Summary of Personal Services

Line No. (1)	Category (2)	Fiscal 2020		Fiscal 2021			Fiscal 2022		Inc. / (Dec.) in Require. (Col. 9 less Col. 6) (10)	Inc. / (Dec.) in Bud. Pos. (Col. 8 less Col. 5) (11)
		Actual Positions 6/30/20 (3)	Actual Obligations (4)	Budgeted Positions (5)	Estimated Obligations (6)	Increment Run -PPE 12/21/20 (7)	Budgeted Positions (8)	Department Request (9)		
1	Lump Sum		68,708		288,000			288,000		
2	Full Time - Civilian	86	3,685,791	119	4,257,544	66	126	5,327,612	1,070,068	7
3	Full Time - Uniform									
4	Bonus, Gross Adj.		4,078							
5	PT, Temp/Seas, Bd, SCG		372,449		485,000			485,000		
6	Overtime - Civilian		81,977		134,000			134,000		
7	Overtime - Uniform									
8	Unused Uniform Leave									
9	Shift/Stress		12							
10	H&L, IOD, LT-Sick									
11										
12										
Total		86	4,213,015	119	5,164,544	66	126	6,234,612	1,070,068	7

71-53J (Program Based Budgeting Version)

CITY OF PHILADELPHIA FISCAL 2022 OPERATING BUDGET				SUPPORTING DETAIL: PROFESSIONAL SERVICES AND CARE OF INDIVIDUALS, BY PROGRAM		
Department Water		No. 28	Program Engineering & Construction		No. 08	
Fund Water		No. 02				
Class (1)	Description (2)	Fiscal 2020 Actual Obligations (3)	Fiscal 2021 Original Appropriation (4)	Fiscal 2021 Estimated Obligations (5)	Fiscal 2022 Department Request (6)	Increase or (Decrease) (7)
250s	Professional Services (250-254, 257-259)	705,000	930,000	930,000	1,080,000	150,000
290	Payments for Care of Individuals					
Minor Object Code	Name of Contractor or Provider	Fiscal 2020 Actual Obligations	Fiscal 2021 Original Appropriation	Fiscal 2021 Estimated Obligations	Fiscal 2022 Department Request	Describe purpose or scope of service provided. Include, if applicable, unit cost of service.
250	CIP Planner		100,000	100,000	100,000	Cipit Real Time Viewer Consulting Work
250	Ground Penetrating Rador System LLC			830,000	980,000	One Call Marking Service
250	Master Locator	705,000	830,000			One Call Marking Service
	Total Class 250	705,000	930,000	930,000	1,080,000	

71-53N (Program Based Budgeting Version)

CITY OF PHILADELPHIA
FISCAL 2022 OPERATING BUDGET

SUPPORTING DETAIL:
CLASSES OTHER THAN
250s AND 290, BY PROGRAM

Department Water	No. 28	Program Engineering & Construction	No. 08
Fund Water	No. 02		

Minor Object Code	Name of Contractor or Provider	Fiscal 2020 Actual Obligations	Fiscal 2021 Original Appropriation	Fiscal 2021 Estimated Obligations	Fiscal 2022 Department Request	Describe purpose or scope of service provided. Include, if applicable, unit cost of service.
215	Pennsylvania One Call System, Inc.	72,472	99,000	99,000	99,000	Comm. network among prj. leaders, designers, excavators, and fac. mrg. License, Permit & Inspect. Charges
215	Various Vendors	873	90,000	90,000	90,000	
	Total Class 215	73,345	189,000	189,000	189,000	
240	Philadelphia Media Network LLC	99,756	220,000	220,000	220,000	Printing Services
240	Philadelphia Tribune	42,962	80,000	80,000	80,000	Printing Services
240	Other	1,630				Printing Reproduction
	Total Class 240	144,348	300,000	300,000	300,000	
266	Various Vendors	7,984	52,000	52,000	52,000	Tools and hardware supplies
	Total Class 266	7,984	52,000	52,000	52,000	
299	Employee Tuition Reimbursements	49,326	108,000	108,000	108,000	Tools and hardware supplies
299	Other Miscellaneous Expenses		7,500	7,500	7,500	Tools and hardware supplies
	Total Class 299	49,326	115,500	115,500	115,500	
325	Envelopes and Printed Products	1,850	1,200	1,200	1,200	Bondline Printing Services
325	PhilaCor	1,739	1,000	1,000	1,000	Printing Services
325	National Reprographics	28,674	35,000	35,000	35,000	Printing Services
325	Vanguard Direct		15,800	15,800	21,800	Printing Reproduction
	Total Class 325	32,263	53,000	53,000	59,000	
424	Leica Geosystems	187,582	204,000	204,000	204,000	Surveying and geographical meas.
424	Other		2,000	2,000	2,000	Surveying and geographical meas.
	Total Class 424	187,582	206,000	206,000	206,000	

71-530 (Program Based Budgeting Version)

CITY OF PHILADELPHIA		PERFORMANCE MEASURES AND RACIAL EQUITY		
FISCAL 2022 OPERATING BUDGET				
Department	No.	Program	No.	
Water	28	Operations	09	
Program Description				
<p>This program manages integrated water and wastewater services that meet or exceed all state and federal regulatory requirements to protect and preserve Philadelphia's water resources. It operates, maintains, repairs, and improves the water systems necessary to supply dependable potable drinking water while ensuring appropriate quality, pressure and volume. It also operates, maintains, repairs, and improves the wastewater systems necessary to efficiently collect and treat wastewater and stormwater to protect and improve the environment.</p>				
Program Objectives				
<p>a) Operations will continue to maintain the water and wastewater systems, supplying reliable service to the City of Philadelphia and wholesale customers.. Operations will also continue to improve maintenance efficiencies for Green Stormwater Infrastructure.</p> <p>b) Key services will comply with existing and anticipated state and federal regulations. Operations will also continue to evaluate alternative methods for achieving compliance to address changing regulations; work with regulators, peer groups, and experts to ensure long-term compliance; and work on updating metering infrastructure.</p> <p>c) Philadelphia Water Department is implementing its Advanced Metering Infrastructure (AMI) System. This system is a required upgrade, as the existing meter reading system is at the end of its life. The outgoing meter reading system utilizes a collection of vehicles to remotely collect meter readings once per month. This new generation of technology utilizes a fixed-base network to collect meter readings in near real time remotely.</p>				
Performance Measures				
Description	Fiscal 2020 Year-End	Fiscal 2021 Year-to-Date (Q1 + Q2)	Fiscal 2021 Target	Fiscal 2022 Target
(1)	(2)	(3)	(4)	(5)
Millions of gallons of treated water	78,239	21,692	Meet Customer Demand	Meet Customer Demand
<u>Comments:</u>				
Percent of time Philadelphia's drinking water met or surpassed state and federal standards	100.0%	100.0%	100.0%	100.0%
<u>Comments:</u>				
Miles of pipeline surveyed for leakage	796	264	900	900
<u>Comments:</u>				
Water main breaks repaired	596	119	Meet Customer Demand	Meet Customer Demand
<u>Comments:</u>				
Average time to repair a water main break upon crew arrival at site (hours)	6.2	6.6	8.0	8.0
<u>Comments:</u>				
Percent of hydrants available	99.3%	99.8%	99.7%	99.7%
<u>Comments:</u>				
Number of storm inlets cleaned/year	84,640	25,257	100,000	100,000
<u>Comments:</u>				
Wastewater Treatment met or surpasses state and federal standards/month	100%	100%	100%	100%
<u>Comments:</u>				

CITY OF PHILADELPHIA			PROGRAM SUMMARY - ALL FUNDS			
FISCAL 2022 OPERATING BUDGET						
Department		No.	Program			No.
Water		28	Operations			09
Summary by Fund						
Fund No.	Fund	Fiscal 2020 Actual Obligations	Fiscal 2021 Original Appropriations	Fiscal 2021 Estimated Obligations	Fiscal 2022 Proposed Budget	Increase or (Decrease)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
02	Water	228,295,923	264,247,081	265,317,292	260,532,849	(4,784,443)
	Total	228,295,923	264,247,081	265,317,292	260,532,849	(4,784,443)
Summary of Full Time Positions by Fund						
Fund No.	Fund	Actual Positions 6/30/20	Fiscal 2021 Budgeted	Increment Run PPE 12/21/20	Fiscal 2022 Budgeted	Inc. / (Dec.) (Col. 6 less 4)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
02	Water	1,363	1,544	1,318	1,555	11
	Total Full Time	1,363	1,544	1,318	1,555	11
Summary of Non-Tax Revenues by Fund						
Fund No.	Fund	Fiscal 2020 Actual Revenues	Fiscal 2021 Original Budget	Fiscal 2021 Estimate	Fiscal 2022 Proposed Budget	Increase or (Decrease)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
	Total					
Selected Associated Capital Projects						
Dept. Where Appropriated	Description	Carry Forward	Fiscal 2021 Original Approp. (GO Only)	Fiscal 2021 Original Approp. (All Other Sources)	Fiscal 2022 Proposed Budget (GO Only)	Fiscal 2022 Proposed Bdg (All Other Sources)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Water	Improvements to Collector System	173,042		159,460		40,360
Water	Improvements to Conveyance System	121,182		98,060		35,760
Water	Improvements to Treat. Facilities	246,556		328,000		250,550
	Total	540,780		585,520		326,670
Selected Associated Operating Costs						
Dept. Where Appropriated	Description	Fiscal 2020 Calculated Obligations	Fiscal 2021 Calculated Appropriations	Fiscal 2021 Calculated Obligations	Fiscal 2022 Calculated Budget	Increase or (Decrease)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Finance	Employee Benefits - Civilian	27,927,923	27,969,226	28,534,050	27,460,943	(1,073,107)
Finance	Employee Benefits - Uniform					
	Total	27,927,923	27,969,226	28,534,050	27,460,943	(1,073,107)

71-53E (Program Based Budgeting Version)

CITY OF PHILADELPHIA			PROGRAM SUMMARY			
FISCAL 2022 OPERATING BUDGET						
Department	No.	Program			No.	
Water	28	Operations			09	
Fund	No.					
Water	02					
Summary by Class						
Class	Description	Fiscal 2020 Actual Obligations	Fiscal 2021 Original Appropriations	Fiscal 2021 Estimated Obligations	Fiscal 2022 Proposed Budget	Increase or (Decrease)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
100	Employee Compensation					
a)	Personal Services	85,482,469	90,562,831	91,633,042	89,076,227	(2,556,815)
b)	Employee Benefits					
200	Purchase of Services	97,081,208	124,742,250	124,742,250	120,390,622	(4,351,628)
300	Materials and Supplies	40,365,640	46,579,000	46,579,000	46,686,500	107,500
400	Equipment	5,366,606	2,363,000	2,363,000	4,379,500	2,016,500
500	Contributions, Indemnities and Taxes					
700	Debt Service					
800	Payments to Other Funds					
900	Advances and Misc. Payments					
Total		228,295,923	264,247,081	265,317,292	260,532,849	(4,784,443)
Summary of Positions						
Code	Category	Actual Positions 6/30/20	Fiscal 2021 Budgeted Positions	Increment Run PPE 12/21/20	Fiscal 2022 Budgeted Positions	Increase or (Decrease)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
101	Full Time - Civilian	1,363	1,544	1,318	1,555	11
105	Full Time - Uniform					
Total		1,363	1,544	1,318	1,555	11
Selected Associated Non-Tax Revenues by Type						
Description	Fiscal 2020 Actual Revenues	Fiscal 2021 Original Budget	Fiscal 2021 Estimate	Fiscal 2022 Proposed Budget	Increase or (Decrease)	
(1)	(2)	(3)	(4)	(5)	(6)	
Local (Non-Governmental)						
Federal						
State						
Other Governments						
Other Funds of the City						
Total						

71-53F (Program Based Budgeting Version)

CITY OF PHILADELPHIA
FISCAL 2022 OPERATING BUDGET

SCHEDULE 100
LIST OF POSITIONS
BY PROGRAM

Department				No.	Program				No.
Water				28	Operations				09
Fund				No.					
Water				02					
Line No. (1)	Class Code (2)	Title (3)	Salary Range (in dollars) (4)	Fiscal 2020 Actual Pos. 6/30/20 (5)	Fiscal 2021 Budgeted Positions (6)	Increment Run -PPE 12/21/20 (7)	Fiscal 2022 Budgeted Positions (8)	Annual Salary 7/1/21 (9)	Increase (Decrease) (Col. 8 less Col. 6) (10)
TREATMENT HEADQUARTERS									
1	1A20	Executive Secretary	36,748 - 47,245	1	1	1			(1)
2	2L04	Administrative/ Technical Trainee	37,983 - 48,833	1		1			
3	2L10	Administrative Assistant - Non Confidential	41,886 - 53,848	1	1		1	53,848	
4	2L18	Executive Assistant	69,409 - 89,241			1	1	89,241	1
5	2L31	Administrative Specialist 1	41,886 - 53,848				1	53,848	1
6	3B63	Environmental Engineer 3	69,409 - 89,241		1	1	1	89,241	
7	3C08	Water Engineering Assistant Manager	96,609 - 124,207	1	1		1	124,207	
8	3C28	Water Treatment Plant Manager	92,407 - 118,800	2	2	2	2	237,600	
9	3G32	Science Technician	43,857 - 48,063	1	1	1	1	48,063	
Subtotal Treatment Headquarters				7	7	7	8	696,048	1
SAMUEL S. BAXTER WATER TREATMENT PLANT									
10	1A04	Clerk 3	40,589 - 44,289	1		1			
11	1D41	Data Services Support Clerk	37,067 - 40,288		1	1	1	40,288	
12	1D55	Network Support Specialist	48,995 - 62,975				1	62,975	1
13	1E58	Scientific Applications Systems Analyst	67,718 - 87,064	1	1	1	1	87,064	
14	1F06	Stores Worker	38,170 - 41,540	1	1	1	1	41,540	
15	2L01	Administrative Technician	36,910 - 47,465		1		1	47,465	
16	3B59	Water Plant Assistant Manager	74,416 - 95,673	1	1	1	1	95,673	
17	3B62	Environmental Engineer 2	60,985 - 68,619	1					
18	3B63	Environmental Engineer 3	69,409 - 89,241		2	1	2	178,482	
19	3B64	Environmental Engineer 4	84,839 - 109,073	1	1		1	109,073	
20	3B74	Engineering Specialist	63,256 - 81,322			1			
21	3G31	Chemical Technician Supervisor	42,934 - 55,193	1	1	1	1	55,193	
22	3G32	Science Technician	43,857 - 48,063	6	6	6	6	288,378	
23	6D03	Municipal Guard	38,170 - 41,540	2	2	2	2	83,080	
24	6G28	Construction Trade Inspector	51,293 - 56,571	1					
25	7A03	Semiskilled Laborer	37,067 - 40,288	1	2	1	2	80,576	
26	7A06	Labor Crew Chief 1	42,769 - 46,786	1	1	1	1	46,786	
27	7B01	Water Operations Repair Helper	37,067 - 40,288	1	1	1	1	40,288	
28	7C13	Heavy Equipment Operator 1	43,857 - 48,063	1	1	1	1	48,063	
29	7D11	Custodial Worker 1	33,060 - 35,481	2	2	2	2	70,962	
30	7E45	Water Treatment Plant Operator	41,677 - 45,524	4	4	4	4	182,096	
31	7E46	Water Treatment Plant Operations Crew Chief	45,931 - 50,469	6	5	6	5	252,345	
32	7J15	Machinery & Equipment Mechanic	45,931 - 50,469	2	1	1	2	100,938	1
33	7J32	Water Maintenance Superintendent	60,939 - 78,333	1	1	1	1	78,333	
34	7J33	Water Maintenance Supervisor	54,706 - 70,334	1	1	1	1	70,334	
35	7J34	Industrial Process Machinery Mechanic	48,417 - 53,303	5	7	5	6	319,818	(1)
36	7J35	Industrial Process Machinery Mech. Group Leader	51,293 - 56,571	1	1	1	1	56,571	
37	7K02	Electrician 2	47,163 - 51,885	1		1			
38	7K15	Industrial Electrician 1	51,293 - 56,571	1	1	1	1	56,571	
39	7K17	Industrial Electrician 2	52,920 - 58,405	5	4	5	4	233,620	
40	7K18	Industrial Electrician Group Leader	56,663 - 62,664	1	1	1	1	62,664	

71-531 (Program Based Budgeting Version)

CITY OF PHILADELPHIA
FISCAL 2022 OPERATING BUDGET

SCHEDULE 100
LIST OF POSITIONS
BY PROGRAM

Department				No.	Program				No.
Water				28	Operations				09
Fund				No.					
Water				02					
Line No. (1)	Class Code (2)	Title (3)	Salary Range (in dollars) (4)	Fiscal 2020 Actual Pos. 6/30/20 (5)	Fiscal 2021 Budgeted Positions (6)	Increment Run -PPE 12/21/20 (7)	Fiscal 2022 Budgeted Positions (8)	Annual Salary 7/1/21 (9)	Increase (Decrease) (Col. 8 less Col. 6) (10)
41	7K63	Electronic Technician 1	44,833 - 49,200	2	1	2	1	49,200	
42	7K64	Electronic Technician 2	51,293 - 56,571	3	5	2	5	282,855	
43	7K68	Electronic Technician Group Leader	54,667 - 60,388	2	1		1	60,388	
44	7K81	Electronic Technician Trainee	42,769 - 46,786	1		1		46,786	
Subtotal Samuel E. Baxtor Water Treatment Plant				58	57	54	58	3,228,405	1
QUEEN LANE WATER TREATMENT PLANT									
45	1D41	Data Services Support Clerk	37,067 - 40,288	1	1	1	1	40,288	
46	1E07	Local Area Network Administrator	63,256 - 81,322	1	1	1	1	81,322	
47	1F06	Stores Worker	38,170 - 41,540	1	1	1	1	41,540	
48	2L01	Administrative Technician	36,910 - 47,465	1	1	1	1	47,465	
49	3B59	Waste Plant Assitant Manager	74,416 - 95,673		1		1	95,673	
50	3B60	Graduate Environmental Engineer	57,955		1				(1)
51	3B63	Environmental Engineer 3	69,409 - 89,241			1			
52	3B64	Environmental Engineer 4	84,839 - 109,073	1	1	1	1	109,073	
53	3B74	Engineering Specialist	63,256 - 81,322	1			1	81,322	1
54	3G31	Chemical Technician Supervisor	42,934 - 55,193	1	1	1	1	55,193	
55	3G32	Science Technician	43,857 - 48,063	5	5	5	5	240,315	
56	6D03	Municipal Guard	38,170 - 41,540	2	2	2	2	83,080	
57	7A03	Semiskilled Laborer	37,067 - 40,288	3	2	3	3	120,864	1
58	7A06	Labor Crew Chief 1	42,769 - 46,786	1	1	1	1	46,786	
59	7B01	Water Operations Repair Helper	37,067 - 40,288	3	3	3	3	120,864	
60	7C11	Equipment Operator I	38,170 - 41,540	1	1	1	1	41,540	
61	7D11	Custodial Worker 1	33,060 - 35,481	1	1	1	1	35,481	
62	7E45	Water Treatment Plant Operator	41,677 - 45,524	4	4	4	4	182,096	
63	7E46	Water Treatment Plant Operations Crew Chief	45,931 - 50,469	4	5	3	5	252,345	
64	7E58	Reservoirs Maintenance Supervisor	47,163 - 51,885	1	1	1	1	51,885	
65	7J14	Machinery and Equipment Mechanic 1	42,769 - 46,786				1	46,786	1
66	7J15	Machinery & Equipment Mechanic	45,931 - 50,469	3	1	3	1	50,469	
67	7J32	Water Maintenance Superintendent	60,939 - 78,333	1	1	1	1	78,333	
68	7J33	Water Maintenance Supervisor	54,706 - 70,334	1	1	1	1	70,334	
69	7J34	Industrial Process Machinery Mechanic	48,417 - 53,303	4	7	3	6	319,818	(1)
70	7J35	Industrial Process Mechanic Group Leader	51,293 - 56,571		1	1	1	56,571	
71	7K01	Electrician 1	42,769 - 46,786		1		1	46,786	
72	7K02	Electrician 2	47,163 - 51,885	1		1			
73	7K15	Industrial Electrician I	51,293 - 56,571		1		1	56,571	
74	7K17	Industrial Electrician 2	52,920 - 58,405	1	2	1	2	116,810	
75	7K18	Industrial Electrician Group Leader	56,663 - 62,664	1	1	1	1	65,664	
76	7K63	Electronic Technician 1	44,833 - 49,200	1		1	1	49,200	1
77	7E61	Electronic Technician 2	49,788 - 54,877		4				(4)
78	7K64	Electronic Technician 2	51,293 - 56,571	2	1	2	3	169,713	2
79	7K68	Electronic Technician Group Leader	54,667 - 60,388	1	1	1	1	60,388	
Subtotal Queen Lane Water Treatment Plant				48	55	47	55	2,914,575	

71-53I (Program Based Budgeting Version)

CITY OF PHILADELPHIA	SCHEDULE 100
FISCAL 2022 OPERATING BUDGET	LIST OF POSITIONS BY PROGRAM

Department	No.	Program	No.
Water	28	Operations	09
Fund	No.		
Water	02		

Line No.	Class Code	Title	Salary Range	Fiscal 2020 Actual Pos.	Fiscal 2021 Budgeted Positions	Increment Run -PPE	Fiscal 2022 Budgeted Positions	Annual Salary	Increase (Decrease)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)

BELMONT WATER TREATMENT PLANT									
80	1A02	Clerk I	31,563 - 33,704	1		1			
81	1A03	Office Clerk 2	34,342 - 37,130	1	1		1	37,130	
82	1E58	Scientific Applications Systems Analyst	67,718 - 87,064	1	1	1	1	87,064	
83	1F06	Stores Worker	38,170 - 41,540	1	1	1	1	41,540	
84	2L01	Administrative Technician	36,910 - 47,465	1	1	1	1	47,465	
85	3B59	Water Plant Assistant Manager	74,416 - 95,673	1	1	1	1	95,673	
86	3B63	Environmental Engineer 3	69,409 - 89,241		2		2	178,482	
87	3B64	Environmental Engineer 4	84,839 - 109,073	1	1	1	1	109,073	
88	3B74	Engineering Specialist	63,256 - 81,322	1		1			
89	3G31	Chemical Technician Supervisor	42,934 - 55,193	1	1	1	1	55,193	
90	3G32	Science Technician	43,857 - 48,063	5	5	5	5	240,315	
91	6D03	Municipal Guard	38,170 - 41,540	1	2	1	2	83,080	
92	7A03	Semiskilled Laborer	37,067 - 40,288	1	1	1	1	40,288	
93	7A06	Labor Crew Chief 1	42,769 - 46,786	1	1	1	1	46,766	
94	7B01	Water Operations Repair Helper	37,067 - 40,288	3	3	3	3	120,864	
95	7C11	Equipment Operator 1	38,170 - 41,540	1	1	1			(1)
96	7C12	Equipment Operator 2	41,677 - 45,524				1	45,524	1
97	7D11	Custodial Worker 1	33,060 - 35,481	2	1	1	1	35,481	
98	7E45	Water Treatment Plant Operator	41,677 - 45,524	4	4	4	4	182,096	
99	7E46	Water Treatment Plant Operations Crew Chief	45,931 - 50,469	5	5	5	5	252,345	
100	7H02	Public Works Maintenance Trainee	35,743 - 38,783	1		1			
101	7J15	Machinery & Equipment Mechanic	45,931 - 50,469	3	1	2			(1)
102	7J32	Water Maintenance Superintendent	60,939 - 78,333	1	1	1	1	78,333	
103	7J33	Water Maintenance Supervisor	54,706 - 70,334	1	1	1	1	70,334	
104	7J34	Industrial Process Machinery Mechanic	48,417 - 53,303	3	7	4	8	426,424	1
105	7J35	Industrial Process Mechanic Group Leader	51,293 - 56,571	1	1	1	1	56,571	
106	7K01	Electrician 1	42,769 - 46,786				1	46,786	1
107	7K02	Electrician 2	47,163 - 51,885	1		1			
108	7K15	Industrial Electrician 1	51,293 - 56,571				1	56,571	1
109	7K17	Industrial Electrician 2	52,920 - 58,405	2	4	2	2	116,810	(2)
110	7K18	Industrial Electrician Group Leader	56,663 - 62,664	1	1	1	1	62,664	
111	7K63	Electronic Technician 1	44,833 - 49,200	1		1	1	49,200	1
112	7K64	Electronic Technician 2	51,293 - 56,571	2	5	2	4	226,284	(1)
113	7K68	Electronic Technician Group Leader	54,667 - 60,388		1		1	60,388	
114	7K81	Instrumentation Technician 1	42,769 - 46,786	1		1			
Subtotal Belmont Water Treatment Plant				50	54	48	54	2,948,744	
LOAD CONTROL									
115	1A04	Clerk 3	40,589 - 44,289	1	1	1			(1)
116	2L01	Administrative Technician	36,910 - 47,465				1	47,465	1
117	3A01	Engineering Aide 1	37,067 - 40,288	1	1		1	40,288	
118	3A02	Engineering Aide 2	40,589 - 44,289		1	1	1	44,289	
119	3A11	Engineering Technician 1	45,931 - 50,469		1		1	50,469	
120	3B04	Graduate Civil Engineer	57,955				3	173,865	3

71-531 (Program Based Budgeting Version)

CITY OF PHILADELPHIA
FISCAL 2022 OPERATING BUDGET

SCHEDULE 100
LIST OF POSITIONS
BY PROGRAM

Department				No.	Program				No.
Water				28	Operations				09
Fund				No.					
Water				02					
Line No.	Class Code	Title	Salary Range	Fiscal 2020 Actual Pos. 6/30/20	Fiscal 2021 Budgeted Positions	Increment Run -PPE 12/21/20	Fiscal 2022 Budgeted Positions	Annual Salary 7/1/21	Increase (Decrease) (Col. 8 less Col. 6)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
121	3B47	Water Transport Engineer 1	69,409 - 89,241	3	4	4	4	356,964	
122	3B48	Water Transport Engineer 2	79,414 - 102,110	1	1	1	1	102,110	
123	3B74	Engineering Specialist	63,256 - 81,322	3	6	3	3	243,966	(3)
124	7E61	Water Transport System Operator	49,788 - 54,877	4	4	4	4	219,508	
125	7H02	Utility Maintenance Trainee	35,743 - 38,783		1				(1)
126	7K63	Electronic Technician 1	44,833 - 49,200	1	1	1	1	49,200	
127	7K64	Electronic Technician 2	51,293 - 56,571	2	4	3	5	282,855	1
128	7K67	Electronic Equipment Supervisor	57,534 - 73,962	1	1	1	1	73,962	
129	7K81	Electronic Technician Trainee	42,769 - 46,786	1		1			
130	7K68	Electronic Technician Group Leader	54,667 - 60,388	2	2	2	2	120,776	
Subtotal Load Control				20	28	22	28	1,805,717	
DISTRIBUTION									
131	1A04	Clerk 3	40,589 - 44,289	2	2	1	2	88,578	
132	1A02	Clerk	31,563 - 33,704	1			2	67,408	2
133	1A03	Office Clerk 2	34,342 - 37,130	2		3	2	74,260	2
134	1A11	Clerk Typist 1	30,043 - 32,081		3				(3)
135	1A03	Office Clerk 2	34,342 - 37,130		2		2	74,260	
136	1A22	Clerical Supervisor 2	42,769 - 46,786				1	46,786	1
137	1A37	Service Representative	37,067 - 40,288	1		1	1	40,288	1
138	1B10	Account Clerk	38,170 - 41,540	1	1	1	1	41,540	
139	1D41	Data Services Support Clerk	37,067 - 40,288	2	1	2	1	40,288	
140	2L08	Administrative Services Supervisor - Confidential	42,934 - 55,193	1	1				(1)
141	3A12	Engineering Technician 2	48,417 - 53,303	1	1	1	1	53,303	
142	6F11	Utility Representative	40,589 - 44,289	3	5	3	3	132,867	(2)
143	7A03	Semi-Skilled Laborer	37,067 - 40,288	8	4	7	8	322,304	4
144	7B01	Water Operations Repair Helper	37,067 - 40,288	37	52	34	46	1,853,248	(6)
145	7B02	Water Distribution Repair Worker	39,379 - 42,914	66	70	55	73	3,132,722	3
146	7B03	Water Distribution Crew Chief	43,857 - 48,063	20	23	24	22	1,057,386	(1)
147	7B05	Water Conveyance Supervisor	54,706 - 70,334	10	12	9	10	703,340	(2)
148	7B06	Water Conveyance Systems Ass't Sup.	60,939 - 78,333	3	3	3	3	234,999	
149	7B07	Water Conveyance Systems Superintendent	79,414 - 102,110	1	1	1	1	102,110	
150	7B11	Water Main Equipment Mechanic	40,589 - 44,289	4	4	3	3	132,867	(1)
151	7B13	Emergency Water Distribution Repair Worker	40,589 - 44,289	25	24	26	25	1,107,225	1
152	7B14	Emergency Water Distribution Crew Chief	43,857 - 48,063	4	4	4	5	240,315	1
153	7C11	Equipment Operator 1	38,170 - 41,540	16	22	13	19	789,260	(3)
154	7C12	Equipment Operator 2 (TA)	41,677 - 45,524	6	4	6	6	273,144	2
155	7C13	Heavy Equipment Operator 1 (EMW)	43,857 - 48,063	16	17	16	19	913,197	2
156	7C14	Heavy Equipment Operator 2 (EMW)	45,931 - 50,469	3	3	3	6	302,814	3
157	7C29	Tractor Trailer Operator	43,857 - 48,063	5	8	5	5	240,315	(3)
158	7J40	Welder	45,931 - 50,469	1	1	1	1	50,469	
Subtotal Distribution				239	268	222	268	12,115,293	

71-531 (Program Based Budgeting Version)

CITY OF PHILADELPHIA	SCHEDULE 100
FISCAL 2022 OPERATING BUDGET	LIST OF POSITIONS BY PROGRAM

Department	No.	Program	No.
Water	28	Operations	09
Fund	No.		
Water	02		

Line No.	Class Code	Title	Salary Range	Fiscal 2020 Actual Pos.	Fiscal 2021 Budgeted Positions	Increment Run -PPE 12/21/20	Fiscal 2022 Budgeted Positions	Annual Salary 7/1/21	Increase (Decrease)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
PUMPING									
159	1A04	Clerk 3	40,589 - 44,289	2	2	2	2	88,578	
160	1A12	Clerk Typist 2	32,688 - 35,342		1				(1)
161	2L10	Administrative Assistant	41,886 - 53,848				1	53,848	1
162	7B06	Water Conveyance Systems Asst. Superintendent	60,939 - 78,333	2	2	2	2	156,666	
163	7B07	Water Conveyance Systems Superintendent	79,414 - 102,110	1	1	1	1	102,110	
164	7D11	Custodial Worker 1	33,060 - 35,481	2	2	1	1	35,481	(1)
165	7D12	Custodial Worker 2	35,743 - 38,783			1	1	38,783	1
166	7E51	Pumping Station Operator	42,769 - 46,786	8	8	8	8	374,288	
167	7H01	Trades Helper (M)	37,067 - 40,288	5	2	7	3	120,864	1
168	7J14	Machinery & Equipment Mechanic 1	42,769 - 46,786				4	187,144	4
169	7J15	Machinery & Equipment Mechanic 2	45,931 - 50,469	1	4	1	1	50,469	(3)
170	7J34	Industrial Process Machinery Mechanic	48,417 - 53,303	11	11	10	10	533,030	(1)
171	7J35	Industrial Process Mechanic Group Leader	51,293 - 56,571	2	2	2	2	113,142	
172	7K01	Electrician 1	42,769 - 46,786	3	1	3	4	187,144	3
173	7K02	Electrician 2	47,163 - 51,885	2	4	2	2	103,770	(2)
174	7K15	Industrial Electrician 1	51,293 - 56,571	2	1	2			(1)
175	7K17	Industrial Electrician 2	52,920 - 58,405	4	6	4	6	350,430	
176	7K18	Industrial Electrician Group Leader	56,663 - 62,664	1	3	1	2	125,328	(1)
Subtotal Pumping				46	50	47	50	2,621,075	
CUSTOMER SERVICE									
177	1A03	Office Clerk 2	34,342 - 37,130	1			1	37,130	1
178	1A12	Clerk Typist 2	32,688 - 35,342		1	1			(1)
179	1A22	Clerical Supervisor 2	42,769 - 46,786	1	1	1	1	46,786	
180	1A37	Service Representative	37,067 - 40,288	3	4	3	4	161,152	
181	2L01	Administrative Technician	36,910 - 47,465	2	2	2	2	94,930	
182	2L09	Administrative Services Supervisor	42,934 - 55,193	1	1	1	1	55,193	
183	6E07	Claims Adjuster 2	49,788 - 54,877	1	1	1	1	54,877	
184	7B01	Water Operations Repair Helper	37,067 - 40,288	11	6	11	6	241,728	
185	7B08	Water Field Customer Service Assistant Manager	54,706 - 70,334	1	1	1	1	70,334	
186	7B09	Water Field Customer Service Manager	60,939 - 78,333	1	1	1	1	78,333	
187	7B15	Water Field Customer Service Representative	42,769 - 46,786	4	9	4	9	421,074	
188	7B16	Water Field Customer Service Supervisor	47,163 - 51,885	3	3	2	3	155,655	
Subtotal Customer Service				29	30	28	30	1,417,192	
METERING									
189	1A04	Clerk 3	40,589 - 44,289	2	2	2	2	88,578	
190	1A03	Office Clerk 2	34,342 - 37,130	1		1	2	74,260	2
191	1A12	Clerk Typist 2	32,688 - 35,342		2				(2)
192	1A37	Service Representative	37,067 - 40,288	1		1			
193	1D41	Data Services Support Clerk	37,067 - 40,288	5	6	5	6	241,728	
194	2L01	Administrative Technician	36,910 - 47,465	1	1	1	1	47,465	
195	2L09	Administrative Services Supervisor	42,934 - 55,193	1	1	1	1	55,193	

71-531 (Program Based Budgeting Version)

CITY OF PHILADELPHIA
FISCAL 2022 OPERATING BUDGET

SCHEDULE 100
LIST OF POSITIONS
BY PROGRAM

Department				No.	Program				No.
Water				28	Operations				09
Fund				No.					
Water				02					
Line No. (1)	Class Code (2)	Title (3)	Salary Range (in dollars) (4)	Fiscal 2020 Actual Pos. 6/30/20 (5)	Fiscal 2021 Budgeted Positions (6)	Increment Run -PPE 12/21/20 (7)	Fiscal 2022 Budgeted Positions (8)	Annual Salary 7/1/21 (9)	Increase (Decrease) (Col. 8 less Col. 6) (10)
196	6F71	Meter Reader	38,170 - 41,540	1	1	1	1	41,540	
197	7B01	Water Operations Repair Helper	37,067 - 40,288	8	12	7	12	483,456	
198	7B08	Water Field Customer Service Assistant Manager	54,706 - 70,334	2	2		2	140,668	
199	7B09	Water Field Customer Service Manager	60,939 - 78,333		1		1	78,333	
200	7B15	Water Field Customer Service Representative	42,769 - 46,786	16	16	16	16	748,576	
201	7J61	Water Meter Service Worker	38,170 - 41,540	2		2			
202	7J64	Water Meter Repair Supervisor	48,417 - 53,303	6	6	6	6	319,818	
Subtotal Metering				46	50	43	50	2,319,615	
DELINQUENCY & RESTORATION SERVICES									
203	1A22	Clerical Supervisor 2	42,769 - 46,786	1	1		1	46,786	
204	1A37	Service Representative	37,067 - 40,288	2	3	2	3	120,864	
205	2B02	Collection Customer Representative	40,589 - 44,289	2	2	2	2	88,578	
206	7B01	Water Operations Repair Helper	37,067 - 40,288	4	4	4	4	161,152	
207	7B02	Water Distribution Repair Worker	39,379 - 42,914	1	1	1	1	42,914	
208	7B08	Water Field Customer Service Assistant Manager	54,706 - 70,334	2	2	2	2	140,668	
209	7B09	Water Field Customer Service Manager	60,939 - 78,333	1	1	1	1	78,333	
210	7B15	Water Field Customer Service Representative	42,769 - 46,786	25	30	24	30	1,403,580	
211	7B16	Water Field Customer Service Supervisor	47,163 - 51,885	5	6	6	6	311,310	
Subtotal Delinquency & Restoration Services				43	50	42	50	2,394,185	
MATERIALS MANAGEMENT									
212	1A04	Clerk 3	40,589 - 44,289	1	1	1	1	44,289	
213	1D41	Data Services Support Clerk	37,067 - 40,288	2	2	2	2	80,576	
214	1F06	Stores Worker	38,170 - 41,540	20	21	20	21	872,340	
215	1F08	Stores Supervisor	42,769 - 46,786	7	7	5	7	327,502	
216	1F10	Stores Manager	47,163 - 51,885	1	2	1	2	103,770	
217	1F30	Inventory Control Technician	44,833 - 49,200	6	6	6	6	295,200	
218	1F39	Departmental Inventory Manager	57,534 - 73,962	1	1	1	1	73,962	
219	2L01	Administrative Technician	36,910 - 47,465	1	1	1	1	47,465	
220	7A03	Semiskilled Laborer	37,067 - 40,288		1				(1)
221	7B01	Water Operations Repair Helper	37,067 - 40,288	1		1	1	40,288	1
Subtotal Mateirals Management				40	42	38	42	1,885,392	
NORTHEAST WATER POLLUTION CONTROL PLANT									
222	1A02	Office Clerk	31,563 - 33,704	1			2	67,408	2
223	1A04	Clerk 3	40,589 - 44,289		2		1	44,289	(1)
224	1A03	Clerk 2	34,342 - 37,130		1	1			(1)
225	1D41	Data Services Support Clerk	37,067 - 40,288		1				(1)
226	1D55	Network Support Specialist	48,995 - 62,975	1	1		1	62,975	
227	1D59	Computer User Support Specialist	43,857 - 48,063	1		1	1	48,063	1
228	1E07	Local Area Network Administrator	63,256 - 81,322	1	1	1	1	81,322	
229	1E58	Scientific Applications Systems Analyst	67,718 - 87,064	1	1	1	1	87,064	
230	2L09	Administrative Services Supervisor - Non Conf.	42,934 - 55,193	1	1	1	1	55,193	

71-531 (Program Based Budgeting Version)

CITY OF PHILADELPHIA
FISCAL 2022 OPERATING BUDGET

SCHEDULE 100
LIST OF POSITIONS
BY PROGRAM

Department	No.	Program	No.
Water	28	Operations	09
Fund	No.		
Water	02		

Line No. (1)	Class Code (2)	Title (3)	Salary Range (in dollars) (4)	Fiscal 2020 Actual Pos. 6/30/20 (5)	Fiscal 2021 Budgeted Positions (6)	Increment Run -PPE 12/21/20 (7)	Fiscal 2022 Budgeted Positions (8)	Annual Salary 7/1/21 (9)	Increase (Decrease) (Col. 8 less Col. 6) (10)
231	3B59	Water Plant Assistant Manager	74,416 - 95,673		1		1	95,673	
232	3B60	Graduate Environmental Engineer	57,955	1	1		1	57,955	
233	3B61	Environmental Engineer 1	55,976 - 62,975		1	1			(1)
234	3B62	Environmental Engineer 2	60,985 - 68,619				1	68,819	1
235	3B63	Environmental engineer 3	69,409 - 89,241		1		1	89,241	
236	3B64	Environmental Engineer 4	84,839 - 109,073	1	1	1	1	109,073	
237	3B74	Engineering Specialist	63,256 - 81,322	3	1	3	1	81,322	
238	7A03	Semiskilled Laborer	37,067 - 40,288	4	4	4	5	201,440	1
239	7A06	Labor Crew Chief 1	42,769 - 46,786	1	1	1	1	46,786	
240	7A07	Labor Crew Chief 2	41,480 - 53,329		1		1	53,329	
241	7B01	Water Operations Repair Helper	37,067 - 40,288	6	7	6	6	241,728	(1)
242	7C12	Equipment Operator 2	41,677 - 45,524		1		1	45,524	
243	7C14	Heavy Equipment Operator 2	45,931 - 50,469	1	1	1	1	50,469	
244	7D11	Custodial Worker 1	33,060 - 35,481	5	5	4	5	177,405	
245	7D12	Custodial Worker 2	35,743 - 38,783	1		1			
246	7E43	Maintenance Coordinator	51,293 - 56,571	3	3	3	3	169,713	
247	7E44	Maintenance Coordinating Supervisor	54,667 - 60,388	1	1	1	1	60,388	
248	7E45	Water Treatment Plant Operator	41,677 - 45,524	15	18	18	18	819,432	
249	7E46	Water Treatment Plant Operations Crew Chief	45,931 - 50,469	5	5	4	5	252,345	
250	7E49	Water Pollution Control Plant Operations Supervisor	52,387 - 67,786	1	1	1	1	67,786	
251	7H05	Building Maintenance Mechanic	44,833 - 49,200	2	4	2	4	196,800	
252	7H06	Building Maintenance Group Leader	52,920 - 58,405	1	1	1	1	58,405	
253	7H43	Painter 1	42,769 - 46,786	1	1	1	1	46,786	
254	7J01	HVAC Mechanic 1	42,769 - 46,786	1		1	1	46,786	1
255	7J02	HVAC Mechanic 2	49,788 - 54,877	4	6	4	5	274,385	(1)
256	7J03	HVAC Mechanic Group Leader	52,920 - 58,405	1	1	1	1	58,405	
257	7J05	Machinist	47,163 - 51,885	1	2		2	103,770	
258	7J07	Machinist Group Leader	51,293 - 56,571	1	1	1	1	56,571	
259	7J15	Machinery and Equipment Mechanic	45,931 - 50,469	7	13	4	12	605,628	(1)
260	7J32	Water Maintenance Superintendent	60,939 - 78,333	1	1	1	1	78,333	
261	7J33	Water Maintenance Supervisor	54,706 - 70,334	3	3	3	3	211,002	
262	7J34	Industrial Process Machinery Mechanic	48,417 - 53,303	13	15	16	16	852,848	1
263	7J35	Industrial Process Mechanic Group Leader	51,293 - 56,571	4	4	4	4	226,284	
264	7K01	Electrician 1	42,769 - 46,786	1		1	1	46,786	1
265	7K02	Electrician 2	47,163 - 51,885	1	3	1	1	51,885	(2)
266	7K15	Industrial Electrician 1	51,293 - 56,571	3		3	4	226,284	4
267	7K17	Industrial Electrician 2	52,920 - 58,405	2	6	2	2	116,810	(4)
268	7K18	Industrial Electrician Group Leader	56,663 - 62,664	1	1	1	1	62,664	
269	7K63	Electronic Technician 1	44,833 - 49,200	2		2	2	98,400	2
270	7K64	Electronic Technician 2	51,293 - 56,571	4	5	4	4	226,284	(1)
271	7K68	Electronic Technician Group Leader	54,667 - 60,388	1	1	1	1	60,388	
272	7K81	Instrumentation Technician 1	42,769 - 46,786		2		2	93,572	
Subtotal Northeast Water Pollution Control Plant				109	132	108	132	6,933,818	

71-531 (Program Based Budgeting Version)

CITY OF PHILADELPHIA	SCHEDULE 100
FISCAL 2022 OPERATING BUDGET	LIST OF POSITIONS BY PROGRAM

Department	No.	Program	No.
Water	28	Operations	09
Fund	No.		
Water	02		

Line No.	Class Code	Title	Salary Range	Fiscal 2020 Actual Pos.	Fiscal 2021 Budgeted Positions	Increment Run -PPE	Fiscal 2022 Budgeted Positions	Annual Salary	Increase (Decrease)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
SOUTHWEST WATER POLLUTION CONTROL PLANT									
273	1A04	Clerk 3	40,589 - 44,289	2	2	2	2	88,578	
274	1A03	Office Clerk 2	34,342 - 37,130	2		1	2	74,260	2
275	1A12	Clerk Typist 2	32,688 - 35,342		2				(2)
276	1D55	Network Support Specialist	48,995 - 62,975	1	1	1	1	62,975	
277	1E07	LAN Administrator	63,256 - 81,322		1		1	81,322	
278	1E78	Programmer Analyst Project Leader	67,718 - 87,064	1	1	1	1	87,064	
279	2L09	Administrative Services Supervisor - Non Confidential	42,934 - 55,193	1	1	1	1	5,193	
280	2L33	Administrative Specialist - Supervisory - Non Confidential	57,534 - 73,962	1		1	1	73,962	1
281	3A02	Engineering Aide 2	40,589 - 44,289	1	1	1	1	44,289	
282	3B59	Water Plant Assistant Manager	74,416 - 95,673		1		1	95,673	
283	3B60	Graduate Environmental Engineer	57,955	2	1	2	1	57,955	
284	3B61	Environmental Engineer 1	55,976 - 62,975		1				(1)
285	3B62	Environmental Engineer 2	60,985 - 68,619				2	137,238	2
286	3B63	Environmental Engineer 3	69,409 - 89,241	1	1	1			(1)
287	3B64	Environmental Engineer 4	84,839 - 109,073	1	1	1	1	109,073	
288	7A03	Semiskilled Laborer	37,067 - 40,288	8	9	8	10	402,880	1
289	7A06	Labor Crew Chief 1	42,769 - 46,786		1		1	46,786	
290	7A07	Labor Crew Chief 2	41,480 - 53,329	1	1	1	1	53,329	
291	7B01	Water Operations Repair Helper	37,067 - 40,288	1	2	1	1	40,288	(1)
292	7C13	Heavy Equipment Operator 1	43,857 - 48,063	1	1	1	1	48,063	
293	7C14	Heavy Equipment Operator 2	45,931 - 50,469	1	2	1	2	100,938	
294	7D11	Custodial Worker 1	33,060 - 35,481	5	4	4	5	177,405	1
295	7D12	Custodial Worker 2	35,743 - 38,783	1	2		1	38,783	(1)
296	7D14	Custodial Worker Supervisor 1	44,833 - 49,200	1	1	1	1	49,200	
297	7E43	Maintenance Coordinator (E)	51,293 - 56,571	1	3	2	3	169,713	
298	7E44	Maintenance Coordinating Supervisor	54,667 - 60,388	1	1	1	1	60,388	
299	7E45	Water Treatment Plant Operator	41,677 - 45,524	16	19	18	19	864,956	
300	7E46	Water Treatment Plant Operations Crew Chief	45,931 - 50,469	5	5	5	5	252,345	
301	7E49	Water Pollution Control Plant Operations Supervisor	52,387 - 67,355	1	1	1	1	67,355	
302	7H01	Trades Helper	37,067 - 40,288			1			
303	7H05	Building Maintenance Mechanic	44,833 - 49,200	4	4	4	4	196,800	
304	7H06	Building Maintenance Group Leader	52,920 - 58,405	1	1	1	1	58,405	
305	7J02	HVAC Mechanic 2	49,788 - 54,877	7	8	6	8	439,016	
306	7J03	HVAC Mechanic Group Leader	52,920 - 58,405	2	2	2	2	116,810	
307	7J05	Machinist	47,163 - 51,885	1	1	1	1	51,885	
308	7J15	Machinery and Equipment Mechanic	45,931 - 50,469	7	8	7	8	403,752	
309	7J32	Water Maintenance Superintendent	60,939 - 78,333	1	1	1	1	78,333	
310	7J33	Water Maintenance Supervisor	54,706 - 70,334	3	3	3	3	211,002	
311	7J34	Industrial Process Machinery Mechanic	48,417 - 53,303	6	9	6	9	479,727	
312	7J35	Industrial Process Mechanic Group Leader	51,293 - 56,571	2	3	2	3	169,713	
313	7K01	Electrician 1	42,769 - 46,786	2	2	2	2	93,572	
314	7K02	Electrician 2	47,163 - 51,885	1	3	1	2	103,770	(1)
315	7K15	Industrial Electrician 1	51,293 - 56,571	1	3	1	1	56,571	(2)

71-531 (Program Based Budgeting Version)

CITY OF PHILADELPHIA
FISCAL 2022 OPERATING BUDGET

SCHEDULE 100
LIST OF POSITIONS
BY PROGRAM

Department				No.	Program				No.
Water				28	Operations				09
Fund				No.					
Water				02					
Line No.	Class Code	Title	Salary Range	Fiscal 2020 Actual Pos. 6/30/20	Fiscal 2021 Budgeted Positions	Increment Run -PPE 12/21/20	Fiscal 2022 Budgeted Positions	Annual Salary 7/1/21	Increase (Decrease) (Col. 8 less Col. 6)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
316	7K17	Industrial Electrician 2	52,920 - 58,405	3	2	3	4	233,620	2
317	7K18	Industrial Electrician Group Leader	56,663 - 62,664	2	2	2	2	125,328	
318	7K63	Electronic Technician 1	44,833 - 49,200	1	1	1	1	49,200	
319	7K64	Electronic Technician 2	51,293 - 56,571	3	6	3	6	339,426	
320	7K68	Electronic Technician Group Leader	54,667 - 60,388	2	2	2	2	120,776	
Subtotal Southwest Water Pollution Control Plant				105	127	107	127	6,617,717	
SOUTHEAST WATER POLLUTION CONTROL PLANT									
321	1A04	Clerk 3	40,589 - 44,289	1	2	1	2	88,578	
322	1D41	Data Services Support Clerk	37,067 - 40,288	1	1	1	1	40,288	
323	1D59	Computer User Support Specialist	43,857 - 48,063		1				(1)
324	1D55	Network Support Specialist	48,995 - 62,975	2	1	2	2	125,950	1
325	1E07	Local Area Network Administrator	63,256 - 81,322	1	1	1	1	81,322	
326	2L10	Administrative Assistant	41,886 - 53,848	1	1	1	1	53,848	
327	3B59	Water Plant Assistant Manager	74,416 - 95,673	1	1	1	1	95,673	
328	3B64	Environmental Engineer 4	84,839 - 109,073	1	1	1	2	218,146	1
329	3G32	Science Technician	43,857 - 48,063	1	1	1	1	48,063	
330	7A03	Semiskilled Laborer	37,067 - 40,288	3	2	3	5	201,440	3
331	7A07	Labor Crew Chief 2	41,480 - 53,329				1	53,329	1
332	7B01	Water Operations Repair Helper	37,067 - 40,288	1	2	1			(2)
333	7C14	Heavy Equipment Operator 2	45,931 - 50,469	1	1	1	1	50,469	
334	7D11	Custodial Worker 1	33,060 - 35,481	2	2	3	1	35,481	(1)
335	7D12	Custodial Worker 2	35,743 - 38,783		1		2	77,566	1
336	7D13	Custodial Work Crew Chief	40,589 - 44,289	1	1	1			(1)
337	7E43	Maintenance Coordinator	51,293 - 56,571	1	1	1	1	56,571	
338	7E44	Maintenance Coordinating Supervisor	54,667 - 60,388	1	1	1	1	60,388	
339	7E45	Water Treatment Plant Operator	41,677 - 45,524	9	10	9	9	409,716	(1)
340	7E46	Water Treatment Plant Operations Crew Chief	45,931 - 50,469	4	5	3	5	252,345	
341	7E49	Water Pollution Control Plant Oper. Supervisor	52,387 - 67,355	1	1	1	1	67,355	
342	7H01	Trades Helper	37,067 - 40,288				1		
343	7H02	Public Works Maintenance Trainee	35,743 - 38,783	2			2		
344	7H05	Building Maintenance Mechanic	44,833 - 49,200	3	5	4	5	246,000	
345	7H06	Building Maintenance Group Leader	52,920 - 58,405	1	1	1	1	58,405	
346	7J01	HVAC Mechanic 1	42,769 - 46,786				1	46,786	1
347	7J02	HVAC Mechanic 2	49,788 - 54,877	2	3	1	2	109,754	(1)
348	7J03	HVAC Mechanic Group Leader	52,920 - 58,405	1	1	1	1	58,405	
349	7J14	Machinery and Equipment Mechanic 1	42,769 - 46,786				1	46,786	1
350	7J15	Machinery and Equipment Mechanic 2	45,931 - 50,469	2	2	2	2	100,938	
351	7J32	Water Maintenance Superintendent	60,939 - 78,333	1	1	1	1	78,333	
352	7J33	Water Maintenance Supervisor	54,706 - 70,334	1	1	1	1	70,334	
353	7J34	Industrial Process Machinery Mechanic	48,417 - 53,303	4	4	3	4	213,212	
354	7J35	Industrial Process Mechanic Group Leader	51,293 - 56,571			1	1	56,571	
355	7K02	Electrician 2	47,163 - 51,885	1	1	1	1	51,885	
356	7K17	Industrial Electrician 2	52,920 - 58,405	2	3	2	3	175,215	

71-531 (Program Based Budgeting Version)

CITY OF PHILADELPHIA
FISCAL 2022 OPERATING BUDGET

SCHEDULE 100
LIST OF POSITIONS
BY PROGRAM

Department				No.	Program				No.
Water				28	Operations				09
Fund				No.					
Water				02					
Line No.	Class Code	Title	Salary Range	Fiscal 2020 Actual Pos. 6/30/20	Fiscal 2021 Budgeted Positions	Increment Run -PPE 12/21/20	Fiscal 2022 Budgeted Positions	Annual Salary 7/1/21	Increase (Decrease) (Col. 8 less Col. 6)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
357	7K18	Industrial Electrician Group Leader 2	56,663 - 62,664	1	1	1	1	62,664	
358	7K63	Electronic Technician 1	44,833 - 49,200		2				(2)
359	7K64	Electronic Technician 2	51,293 - 56,571	2	3	2	2	113,142	(1)
360	7K68	Electronic Technician Group Leader	54,667 - 60,388	1	1	1	1	60,388	
361	7K81	Electronic Technician Trainee	42,769 - 46,786	2		2	2	93,572	2
Subtotal Southeast Water Pollution Control Plant				59	67	59	68	3,658,918	1
SEWER MAINTENANCE									
362	1A02	Office Clerk	31,563 - 33,704		1	2	1	33,704	
363	1A03	Clerk 2	34,342 - 37,130	1	1	2	1	37,130	
364	1A04	Clerk 3	40,589 - 44,289	1	1	1	1	44,289	
365	1A02	Clerk 1	31,563 - 33,704	2					
366	1A37	Service Representative	37,067 - 40,288	1	1	1	1	40,288	
367	1D41	Data Services Support Clerk	37,067 - 40,288	2	3	2	3	120,864	
368	2L09	Administrative Services Supervisor	42,934 - 55,193	1	1		1	55,193	
369	3G32	Science Technician	43,857 - 48,063	1	1	1	1	48,063	
370	6F11	Utility Representative	40,589 - 44,289	6	9	6	9	398,601	
371	6F12	Field Representative Supervisor	45,931 - 50,469	2	2	2	2	100,938	
372	7A03	Semiskilled Laborer	37,067 - 40,288	16	21	15	21	846,048	
373	7B01	Water Operations Repair Helper	37,067 - 40,288	23	20	22	20	805,760	
374	7B05	Water Conveyance Supervisor	54,706 - 70,334	10	11	10	11	773,740	
375	7B06	Water Conveyance Systems Asst. Superintendent	60,939 - 78,333	3	3	3	3	234,999	
376	7B07	Water Conveyance Systems Superintendent	79,414 - 102,110	1	1	1	1	102,110	
377	7B21	Sewer Maintenance Inspector	40,589 - 44,289	24	27	23	27	1,195,803	
378	7B24	Sewer Maintenance Crew Chief 1	43,857 - 48,063	26	29	25	29	1,393,827	
379	7B31	Excavation Crew Chief	45,931 - 50,469	5	5	5	5	252,345	
380	7C11	Equipment Operator 1	38,170 - 41,540	19	24	18	24	996,960	
381	7C13	Heavy Equipment Operator 1 (C)	43,857 - 48,063	15	14	15	14	672,882	
382	7C14	Heavy Equipment Operator 2	45,931 - 50,469	14	15	12	15	757,035	
383	7D11	Custodial Worker 1	33,060 - 35,481	5	5	5	5	177,405	
384	7H30	Brick Mason	47,163 - 51,885	16		19			
385	7H35	Brick Mason	42,769 - 46,786	3	22		22	1,029,292	
386	7J34	Industrial Process Machinery Mechanic	48,417 - 53,303	1		1			
387	7N21	Tree Maintenance Worker	42,769 - 46,786	2		2	2	93,572	
Subtotal Sewer Maintenance				200	219	193	219	10,210,848	
INLET CLEANING									
388	1A04	Clerk 3	40,589 - 44,289	1	1	1	1	44,289	
389	1D41	Data Services Support Clerk	37,067 - 40,288	3	5	3	5	201,440	
390	2E08	Departmental Procurement Specialist	46,200 - 59,403		1		1	59,403	
391	3B60	Graduate Environmental Engineer	57,955	1		1			
392	6F11	Utility Representative	40,589 - 44,289	1		1			
393	7A03	Semiskilled Laborer	37,067 - 40,288	26	32	26	34	1,369,792	2
394	7A06	Labor Crew Chief 1	42,769 - 46,786	7	7	7	7	327,502	

71-531 (Program Based Budgeting Version)

CITY OF PHILADELPHIA
FISCAL 2022 OPERATING BUDGET

SCHEDULE 100
LIST OF POSITIONS
BY PROGRAM

Department	No.	Program	No.
Water	28	Operations	09
Fund	No.		
Water	02		

Line No. (1)	Class Code (2)	Title (3)	Salary Range (in dollars) (4)	Fiscal 2020 Actual Pos. 6/30/20 (5)	Fiscal 2021 Budgeted Positions (6)	Increment Run -PPE 12/21/20 (7)	Fiscal 2022 Budgeted Positions (8)	Annual Salary 7/1/21 (9)	Increase (Decrease) (Col. 8 less Col. 6) (10)
395	7A07	Labor Crew Chief 2	41,480 - 53,329	4	5	4	5	266,645	
396	7B01	Water Operations Repair Helper	37,067 - 40,288	12	15	10	15	604,320	
397	7B05	Water Conveyance Supervisor	54,706 - 70,334	1	1	1	1	70,340	
398	7B06	Water Conveyance Systems Asst. Superintendent	60,939 - 78,333	1	1	1	1	78,333	
399	7B34	Inlet Cleaning Supervisor	46,200 - 59,403	2	2	2	2	118,806	
400	7C13	Heavy Equipment Operator 1 (C)	43,857 - 48,063	36	41	35	42	2,018,646	1
401	7C14	Heavy Equipment Operator 2 (S)	45,931 - 50,469	1		1			
402	7D11	Custodial Worker 1	33,060 - 35,481	1	2	1	2	70,962	
403	7H02	Public Works Maintenance Trainee	35,743 - 38,783	3		3			
404	7N71	Grounds And Facilities Maintenance Worker 1	35,743 - 38,783	1					
		Subtotal Inlet Cleaning		101	113	98	116	5,230,478	3
		FLOW CONTROL							
405	1A04	Clerk 3	40,589 - 44,289	1	1	1	1	44,289	
406	1A03	Clerk 2	34,342 - 37,130	1		1	2	74,260	2
407	1A12	Clerk Typist 2	32,688 - 35,342		2				(2)
408	1D41	Data Services Support Clerk	37,067 - 40,288	1	1	1	1	40,288	
409	7A03	Semiskilled Laborer	37,067 - 40,288	1		1	1	40,288	1
410	7B01	Water Operations Repair Helper	60,939 - 78,333	3	1	2	2	156,666	1
411	7B06	Water Conveyance Systems Asst. Superintendent	79,414 - 102,110	2	2	1	2	204,220	
412	7B07	Water Conveyance Systems Superinendent	79,414 - 102,110	1	1	1	1	102,110	
413	7B21	Sewer Maintenance Inspector	40,589 - 44,289	1	1	1	1	44,289	
414	7B40	Interceptor Service Worker 1	39,379 - 42,914	4	11	4	6	257,484	(5)
415	7B41	Interceptor Service Worker 2	41,677 - 45,524	4	6	5	6	273,144	
416	7B43	Interceptor Services Supervisor	42,934 - 55,193	2	2	2	2	110,386	
417	7H02	Public Works Maintenance Trainee	35,743 - 38,783	4	5	3	4	155,132	(1)
418	7J15	Machinery and Equipment Mechanic	45,931 - 50,469	8	8	8	10	504,690	2
419	7J34	Industrial Process Machinery Mechanic	48,417 - 53,303	6	6	6	7	373,121	1
420	7J35	Industrial Process Machinery Mech. Group Leader	51,293 - 56,571	2	2	2	2	113,142	
421	7K01	Electrician 1	42,769 - 46,786	3	2	3	4	187,144	2
422	7K02	Electrician 2	47,163 - 51,885		1				(1)
423	7K15	Industrial Electrician 1	51,293 - 56,571		2		1	56,571	(1)
424	7K17	Industrial Electrician 2	52,920 - 58,405	1	1	1	1	58,405	
425	7K18	Industrial Electrician Group Leader	56,663 - 62,664	1	1	1	1	62,664	
426	7K63	Electronic Technician 1	44,833 - 49,200	8	5	11	13	639,600	8
427	7K64	Electronic Technician 2	51,293 - 56,571	13	23	10	15	848,565	(8)
428	7K67	Electronic Equipment Supervisor	57,534 - 73,962	2	2	2	2	147,924	
429	7K68	Electronic Technician Group Leader	54,667 - 60,388	4	4	4	3	181,164	(1)
430	7K81	Instrumentation Technician 1	42,769 - 46,786	9	7	6	9	421,074	2
		Subtotal Flow Control		82	97	77	97	5,096,620	

71-531 (Program Based Budgeting Version)

CITY OF PHILADELPHIA
FISCAL 2022 OPERATING BUDGET

SCHEDULE 100
LIST OF POSITIONS
BY PROGRAM

Department				No.	Program				No.
Water				28	Operations				09
Fund				No.					
Water				02					
Line No.	Class Code	Title	Salary Range	Fiscal 2020 Actual Pos. 6/30/20	Fiscal 2021 Budgeted Positions	Increment Run -PPE 12/21/20	Fiscal 2022 Budgeted Positions	Annual Salary 7/1/21	Increase (Decrease) (Col. 8 less Col. 6)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
COLLECTOR SYSTEM SUPPORT									
431	1E15	Web Developer	72,280 - 81,322	1	1	1	1	81,322	
432	1E58	Scientific Applications Systems Analyst	67,718 - 87,064	1	1	1	1	87,064	
433	3B47	Water Transport Engineer 1	69,409 - 89,241	1	2	1	2	178,482	
434	3B48	Water Transport Engineer 2	79,414 - 102,110	1	1	1	1	102,110	
435	3B60	Graduate Environmental Engineer	57,955		2		2	115,910	
436	3B61	Environmental Engineer 1	55,976 - 62,975	1	1	1	1	62,975	
437	3B62	Environmental Engineer 2	60,985 - 68,619	2	2	1	2	137,238	
438	3B64	Environmental Engineer 4	84,839 - 109,073	1	1	1	1	109,073	
439	3B74	Engineering Specialist	63,256 - 81,322	1	1	2	1	81,322	
440	3B81	Engineering Supervisor 1	69,409 - 89,241			1			
441	3C27	Chief Water Transport Operations Engineer	92,407 - 118,800	1	1	1	1	118,800	
Subtotal Collector System Support				10	13	11	13	1,074,296	
INDUSTRIAL WASTE									
442	1A04	Clerk 3	40,589 - 44,289	2	2	1	2	88,578	
443	2L10	Administrative Assistant	41,886 - 53,848	1	1	1	1	53,848	
444	3A18	Construction Projects Technician 2	51,293 - 56,571	3	2	3	3	169,713	1
445	3A19	Construction Projects Technician 3	56,663 - 62,664		1				(1)
446	3A71	Industrial Waste Control Technician 1	48,417 - 53,303	3	3	3	1	53,303	(2)
447	3A72	Industrial Waste Control Technician 2	59,171 - 65,508	7	8	7	10	655,080	2
448	3A73	Industrial Waste Control Supervisor	60,939 - 78,333	3	3	2	3	234,999	
449	3B60	Graduate Environmental Engineer	57,955	1		1			
450	3B61	Environmental Engineer 1	55,976 - 62,975	1			1	629,775	1
451	3B62	Environmental Engineer 2	60,985 - 68,619	1	2		2	137,238	
452	3B63	Environmental Engineer 3	69,409 - 89,241	2	2		2	178,482	
453	3B64	Environmental Engineer 4	84,839 - 109,073	1	1	1	1	109,073	
454	3B74	Engineering Specialist	63,256 - 81,322	1	2	1	1	81,322	(1)
Subtotal Industrial Waste				26	27	20	27	2,391,411	
PLUMBING REPAIR PROGRAM									
455	2L09	Administrative Services Supervisor - Non Confidential	42,934 - 55,193	1	1	1	1	55,193	
456	1A04	Clerk 3	40,589 - 44,289	1	1	1	1	44,289	
457	6G28	Construction Trades Inspector	51,293 - 56,571	4	4	4	4	226,284	
458	1A37	Service Representative	37,067 - 40,288	3	3	3	3	120,864	
459	7B09	Water Field Customer Service Manager	60,939 - 78,333	1	1	1	1	78,333	
Subtotal Plumbing Repair Program				10	10	10	10	524,963	
OPERATIONS ADMINISTRATION									
460	1E76	Programmer Analyst 2	53,368 - 68,619	1	1		1	68,619	
461	1E78	Project Analyst Project Leader	67,718 - 87,064	1	1	1	1	87,064	
462	2L01	Administrative Technician	36,910 - 47,465		1		1	47,465	
463	2L10	Administrative Assistant	41,886 - 53,848	1	1	1			(1)
464	2L18	Executive Assistant	69,409 - 89,241	2	2	2	2	178,482	

71-531 (Program Based Budgeting Version)

CITY OF PHILADELPHIA
FISCAL 2022 OPERATING BUDGET

SCHEDULE 100
LIST OF POSITIONS
BY PROGRAM

Department				No.	Program				No.
Water				28	Operations				09
Fund				No.					
Water				02					
Line No.	Class Code	Title	Salary Range	Fiscal 2020 Actual Pos. 6/30/20	Fiscal 2021 Budgeted Positions	Increment Run -PPE 12/21/20	Fiscal 2022 Budgeted Positions	Annual Salary 7/1/21	Increase (Decrease) (Col. 8 less Col. 6)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
465	2L32	Administrative Specialist 2 - Non-Confidential	53,368 - 68,619	3	3	2	3	205,857	
466	2M79	Water Operations Administration Manager	84,839 - 109,073	1	1	1	1	109,073	
467	3B04	Graduate Civil Engineer	57,955		1		1	57,955	
468	3B60	Graduate Environmental Engineer	57,955			1	1	57,955	1
469	3B06	Civil Engineer 2	60,985 - 68,619	1	1	1			(1)
470	3B64	Environmental Engineer 4	84,839 - 109,073	1	1	1	1	109,073	
471	3B74	Engineering Specialist	63,256 - 81,322	1		1	1	81,322	1
472	3B81	Engineering Supervisor 1	69,409 - 89,241	1	1	1	1	89,241	
473	3C08	Water Engineering Assistant Manager	96,609 - 124,207	1	2	1	1	124,207	(1)
474	3C27	Chief Water Transport Operations Engineer	92,407 - 118,800	1	1	1	1	118,800	
475	3E22	Geographic Information System Specialist 3	67,718 - 87,064	1	1	1	1	87,064	
476	7N49	Parks Operations Director	92,407 - 118,800	1		1			
477	D250	Deputy Water Commissioner	161,540	1	1	1	1	161,540	
Subtotal Operations Administration				18	19	17	18	1,583,717	(1)
GREEN STORMWATER INFRASTRUCTURE MAINTENANCE									
478	2L01	Administrative Technician	36,910 - 47,465	1	1	1	1	47,465	
479	2L10	Administrative Assistant - Non-Confidential	41,886 - 53,848				1	53,848	1
480	3A17	Construction Project Technician I	47,163 - 51,885		1		1	51,885	
481	3A18	Construction Project Technician 2	51,293 - 56,571	1	1	1	1	56,571	
482	3B47	Water Transport Engineer	69,409 - 89,241		2		1	89,241	(1)
483	3B60	Graduate Environmental Engineer	57,955		1		2	115,910	1
484	3B61	Environmental Engineer I	55,976 - 62,975	1	1	1			(1)
485	3B62	Environmental Engineer 2	60,985 - 68,619				1	68,619	1
486	3B74	Engineering Specialist	63,256 - 81,322	1		1			
487	3B81	Engineering Supervisor 1 (S)	69,409 - 89,241	1		1	1	89,241	1
488	3H11	Graduate Environmental Scientist	50,200				1	50,200	1
489	3H12	Environmental Scientist I	41,886 - 53,848	1	1				(1)
490	3H13	Environmental Scientist I	53,368 - 68,619			1	1	68,619	1
491	3H14	Environmental Scientist Supervisor	69,409 - 89,241		1		1	89,241	
492	3H16	Environmental Science Specialist	59,453 - 76,422	1		1			
493	3H79	Administrative Scientist	84,839 - 109,073	1	1	1	1	109,073	
494	7N29	Park Projects Technician (S)	45,931 - 50,469	1	2	1	1	50,469	(1)
495	7N71	Grounds and Facilities Maintenance Worker 1 (S)	35,743 - 38,783	7	7	9	9	349,047	2
496	7N72	Grounds Maintenance Worker 2	39,379 - 42,914	1	4		6	257,484	2
497	7N73	Grounds Maintenance Worker Crew Chief	42,769 - 46,786		4	2	4	187,144	
498	7N74	Park & Rec Grounds Maintenance Supervisor	48,023 - 61,745		1		1	61,745	
499	7N49	Parks Operations Director	92,407 - 118,800		1		1	118,800	
Subtotal Green Stormwater Infrastructure Maintenance				17	29	20	35	1,914,602	6
Total				1,363	1,544	1,318	1,555	79,583,629	11

71-531 (Program Based Budgeting Version)

CITY OF PHILADELPHIA
FISCAL 2022 OPERATING BUDGET

SCHEDULE 100
LIST OF POSITIONS
BY PROGRAM

Department Water	No. 28	Program Operations	No. 09
Fund Water	No. 02		

Line No. (1)	Class Code (2)	Title (3)	Salary Range (in dollars) (4)	Fiscal 2020 Actual Pos. 6/30/20 (5)	Fiscal 2021 Budgeted Positions (6)	Increment Run -PPE 12/21/20 (7)	Fiscal 2022 Budgeted Positions (8)	Annual Salary 7/1/21 (9)	Inc. (Dec.) (Col. 8 less Col. 6) (10)
1	101	Total Full Time		1,363	1,544	1,318	1,555	79,583,629	11
2	103	Lump Sum Separation Payments						1,077,500	
3	121	Temporary						687,000	
4	161	Regular Overtime						17,257,406	
5	171	H&L, IOD, LT-Sick						498,000	
6	181	Shift Differential						263,000	
Total Gross Requirements				1,363	1,544	1,318	1,555	99,366,535	11
Plus: Earned Increment								264,178	
Plus: Longevity								42,566	
Less: (Vacancy Allowance)								(10,597,052)	
Total Budget Request								89,076,227	

Summary of Personal Services

Line No. (1)	Category (2)	Fiscal 2020		Fiscal 2021			Fiscal 2022		Inc. / (Dec.) in Require. (Col. 9 less Col. 6) (10)	Inc. / (Dec.) in Bud. Pos. (Col. 8 less Col. 5) (11)
		Actual Positions 6/30/20 (3)	Actual Obligations (4)	Budgeted Positions (5)	Estimated Obligations (6)	Increment Run -PPE 12/21/20 (7)	Budgeted Positions (8)	Department Request (9)		
1	Lump Sum		434,023		936,500			1,077,500	141,000	
2	Full Time - Civilian	1,363	70,471,671	1,544	72,001,136	1,318	1,555	69,293,321	(2,707,815)	11
3	Full Time - Uniform									
4	Bonus, Gross Adj.		14,421							
5	PT, Temp/Seas, Bd, SCG		364,783		687,000			687,000		
6	Overtime - Civilian		13,038,047		17,247,406			17,257,406	10,000	
7	Overtime - Uniform									
8	Unused Uniform Leave									
9	Shift/Stress		113,833		263,000			263,000		
10	H&L, IOD, LT-Sick		1,045,691		498,000			498,000		
11										
12										
Total		1,363	85,482,469	1,544	91,633,042	1,318	1,555	89,076,227	(2,556,815)	11

71-53J (Program Based Budgeting Version)

CITY OF PHILADELPHIA			SCHEDULE 300 - 400			
FISCAL 2022 OPERATING BUDGET			MATERIALS, SUPPLIES & EQUIPMENT BY PROGRAM			
Department		No.	Program		No.	
Water		28	Operations		09	
Fund		No.				
Water		02				
Code	Description	Fiscal 2020 Actual Obligations	Fiscal 2021 Original Appropriations	Fiscal 2021 Estimated Obligations	Fiscal 2022 Departmental Request	Increase or (Decrease)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Schedule 300 - Materials & Supplies						
301	Agricultural & Botanical	133,172	81,000	81,000	87,000	6,000
302	Animal, Livestock & Marine					
303	Bakeshop, Dining Room & Kitchen					
304	Books & Other Publications	8,208	21,000	21,000	21,000	
305	Building & Construction	2,041,166	2,234,000	2,234,000	2,258,500	24,500
306	Library Materials					
307	Chemicals & Gases	22,722,961	26,171,000	26,171,000	26,171,000	
308	Dry Goods, Notions & Wearing Apparel	602,396	583,000	583,000	583,000	
309	Cordage & Fibers	470	7,000	7,000	6,000	(1,000)
310	Electrical & Communication	1,522,942	2,068,000	2,068,000	2,084,000	16,000
311	General Equipment & Machinery	5,330,442	5,689,000	5,689,000	5,696,500	7,500
312	Fire Fighting & Safety	1,333,634	1,679,000	1,679,000	1,679,000	
313	Food					
314	Fuel - Heating & Cooling	138,933	285,000	285,000	285,000	
316	General Hardware & Minor Tools	289,572	511,000	511,000	511,000	
317	Hospital & Laboratory	28,906	39,000	39,000	39,000	
318	Janitorial, Laundry & Household	429,189	255,000	255,000	255,000	
320	Office Materials & Supplies	131,910				
322	Small Power Tools & Hand Tools	298,992	380,000	380,000	386,000	6,000
323	Plumbing, AC & Space Heating	3,070,866	3,892,000	3,892,000	3,911,500	19,500
324	Precision, Photographic & Artists	2,094,330	2,093,000	2,093,000	2,123,000	30,000
325	Printing	35,816	90,000	90,000	90,000	
326	Recreational & Educational	150	1,000	1,000	1,000	
328	Vehicle Parts & Accessories	26,541	56,000	56,000	56,000	
335	Lubricants	23,509	91,000	91,000	91,000	
340	#2 Diesel Fuel	15,900	128,000	128,000	128,000	
341	Compressed Natural Gas (CNG)					
342	Liquid Propane Gas (LPG)	31,166	27,000	27,000	27,000	
345	Gasoline		100,000	100,000	100,000	
399	Other Materials & Supplies (not otherwise classified)	54,469	98,000	98,000	97,000	(1,000)
	Total	40,365,640	46,579,000	46,579,000	46,686,500	107,500
Schedule 400 - Equipment						
405	Construction, Dredging & Conveying		4,000	4,000	4,000	
410	Electrical, Lighting & Communications	582,412	307,000	307,000	289,000	(18,000)
411	General Equipment & Machinery	273,101	624,000	624,000	624,000	
412	Fire Fighting & Emergency	14,461	35,000	35,000	35,000	
417	Hospital & Laboratory	4,020	13,000	13,000	13,000	
420	Office Equipment	2,125	19,000	19,000	19,000	
423	Plumbing, AC & Space Heating	125,548	77,000	77,000	85,000	8,000
424	Precision, Photographic & Artists	450	122,000	122,000	122,000	
426	Recreational & Educational					
427	Computer Equipment & Peripherals	68,716	55,000	55,000	75,000	20,000
428	Vehicles	3,999,469	1,000,000	1,000,000	3,000,000	2,000,000
430	Furniture & Furnishings	251,502				
499	Other Equipment (not otherwise classified)	44,802	107,000	107,000	113,500	6,500
	Total	5,366,606	2,363,000	2,363,000	4,379,500	2,016,500

71-53L (Program Based Budgeting Version)

CITY OF PHILADELPHIA				SUPPORTING DETAIL:		
FISCAL 2022 OPERATING BUDGET				PROFESSIONAL SERVICES AND CARE OF INDIVIDUALS, BY PROGRAM		
Department		No.	Program		No.	
Water		28	Operations		09	
Fund		No.				
Water		02				
Class (1)	Description (2)	Fiscal 2020 Actual Obligations (3)	Fiscal 2021 Original Appropriation (4)	Fiscal 2021 Estimated Obligations (5)	Fiscal 2022 Department Request (6)	Increase or (Decrease) (7)
250s	Professional Services (250-254, 257-259)	4,225,575	3,892,000	3,892,000	3,692,000	(200,000)
290	Payments for Care of Individuals					
Minor Object Code	Name of Contractor or Provider	Fiscal 2020 Actual Obligations	Fiscal 2021 Original Appropriation	Fiscal 2021 Estimated Obligations	Fiscal 2022 Department Request	Describe purpose or scope of service provided. Include, if applicable, unit cost of service.
250	AKRF, Inc.	1,770,000	200,000	200,000		Green City Clean Waters Green SW Infra. Maintenance Support
250	All Seasons Landscaping Co Inc	4,975	8,000	8,000	8,000	Natural Area Planting Services
250	Camp, Dresser & Mckee	325,000	325,000	325,000	325,000	Watershed, P&R, Coll.Support - CSO/DRBC/DSS, etc (FC)
250	Cascade Water Services Inc		38,000	30,000	30,000	Water Treatment Service
250	Cortrol Services, Ltd.	452,432	425,000	425,000	425,000	Corrosion Control - LC
250	CSL Services		300,000	300,000	300,000	Flow Monitoring (FC)
250	D Electric Service Inc	48,900	140,000	140,000	140,000	Predictive Maintenance
250	Eastern Engineering (Nisit Dararotana)	260,000	286,000	286,000	286,000	Hydraulic Meas. & Leak Det. - L.C.
250	Echologies LLC	50,000	175,000	175,000	175,000	Water Main Leaks Detection
250	General Asphalt Paving Company	49,440				Road repaving/resurfacing
250	Independence Constructors Corp.	277,416	208,000	208,000	208,000	Consulting
250	Industrial Commercial Cleaning		30,000	30,000	30,000	Cleaning Services
250	J Sharps Landscaping	34,450				Landscaping Services
250	M & M Lawn Care East Inc	104,148	165,000	165,000	155,000	Landscaping Services
250	Michael Baker Inc	60,000				Green City Clean Waters Green SW Infra. Maintenance Support
250	Pure Technologies Us Inc.		533,000	533,000	533,000	Trans. Sytsem Condition Assessment - LC
250	Rob'S Towing Service	36,286	43,000	43,000	43,000	Towing Services
250	Sci-Tek	195,000	272,000	272,000	272,000	Green City Clean Waters Green SW Infra. Maintenance Support
250	Scientific Boiler Water Condo Co Inc	10,490		8,000	8,000	Consulting services for efficiency, cleanliness, and operational safety of equipment
250	Townscapes Incorporated	63,884	85,000	85,000	85,000	Landscaping Services
250	Haztek	26,275	34,000	34,000	34,000	OSHA Training
250	USDA	70,000	70,000	70,000	70,000	Animal Mgmt. Services -THQ
250	Uillis		45,000	45,000	45,000	Consulting services for data driven operational solutions
250	Utiliworks Consulting	300,000	350,000	350,000	350,000	AMR / AMI Planning
250	Water Department, Others	2,517	35,000	35,000	35,000	Petty Cash and Others
250	Weeds Incorporated	9,362	19,000	19,000	19,000	Industrial Weed Control
250	TBD '21		10,000	10,000		Turf Cuts & Turf Management
250	TBD' 21, '22		46,000	46,000	66,000	Tree & Stump Removal
	Total Class 250	4,150,575	3,842,000	3,842,000	3,642,000	

71-53N (Program Based Budgeting Version)

CITY OF PHILADELPHIA FISCAL 2022 OPERATING BUDGET				SUPPORTING DETAIL: PROFESSIONAL SERVICES AND CARE OF INDIVIDUALS, BY PROGRAM		
Department Water		No. 28	Program Operations		No. 09	
Fund Water		No. 02				
Class (1)	Description (2)	Fiscal 2020 Actual Obligations (3)	Fiscal 2021 Original Appropriation (4)	Fiscal 2021 Estimated Obligations (5)	Fiscal 2022 Department Request (6)	Increase or (Decrease) (7)
250s	Professional Services (250-254, 257-259)	4,225,575	3,892,000	3,892,000	3,692,000	(200,000)
290	Payments for Care of Individuals					0
Minor Object Code	Name of Contractor or Provider	Fiscal 2020 Actual Obligations	Fiscal 2021 Original Appropriation	Fiscal 2021 Estimated Obligations	Fiscal 2022 Department Request	Describe purpose or scope of service provided. Include, if applicable, unit cost of service.
251	FY20 AssetWorks Inc.	75,000				Software technology services
	Total Class 251	75,000				
257	TBD '21, '22		50,000	50,000	50,000	Consulting Services for Polychlorinated Biphenyls (PCB) Pollutant Minimization Plan
	Total Class 257		50,000	50,000	50,000	

71-53N (Program Based Budgeting Version)

CITY OF PHILADELPHIA
FISCAL 2022 OPERATING BUDGET

SUPPORTING DETAIL:
CLASSES OTHER THAN
250s AND 290, BY PROGRAM

Department	No.	Program	No.
Water	28	Operations	09
Fund	No.		
Water	02		

Minor Object Code	Name of Contractor or Provider	Fiscal 2020 Actual Obligations	Fiscal 2021 Original Appropriation	Fiscal 2021 Estimated Obligations	Fiscal 2022 Department Request	Describe purpose or scope of service provided. Include, if applicable, unit cost of service.
201	Aardvark Pest Management Inc	52,440	50,500	50,500	50,500	Pest Control
201	T U C S Cleaning Service Inc	832	3,000	3,000	3,000	Carpet Cleaning
	Total Class 201	53,272	53,500	53,500	53,500	
205	Castor Materials	715,527	630,000	630,000	630,000	Construction Debris Disposal
205	Clean Venture Incorporated	1,962,619	246,000	246,000	246,000	Hazardous Waste Removal
205	Hays Tug & Launch Service Inc	2,040,565	2,550,000	2,550,000	2,550,000	Manage & Operate Sludge Barges
205	Mobile Dredging & Pumping Company		10,000	10,000	10,000	Cleaning Flocculation
205	Waste Management Of Pennsylvania Inc	865,724	864,000	864,000	864,000	Recycling Compactor Monthly Rental & Pick-up Service
205	Various Vendors	515,159				Hazardous Waste Removal
	Total Class 205	6,099,594	4,300,000	4,300,000	4,300,000	
209	Verizon				81,172	Monthly service charge; new T1 comm. line for load control
	Total Class 215				81,172	
215	Commonwealth Of Pennsylvania	52,590	104,000	104,000	104,000	Licenses/Permits
215	Various Vendors	34,424	27,250	27,250	32,250	Licenses/Permits
	Total Class 215	87,014	131,250	131,250	136,250	
216	Q-Mation	91,681	100,000	100,000	100,000	Op. Mgmt. Software for Plants
216	Various Vendors		5,000	5,000	14,000	Various management software at the plants
	Total Class 216	91,681	105,000	105,000	114,000	
220	Direct Energy Business Llc	3,220,282	13,214,000	13,214,000	13,214,000	Electric
220	Peco Energy Company	2,802,000	3,546,000	3,546,000	3,546,000	Electric
220	Phila Authority For Industrial Develop	24,492	43,000	43,000	43,000	Electric
220	Various Vendors	9,000,000	2,100,000	2,100,000	2,100,000	Electric
	Total Class 220	15,046,774	18,903,000	18,903,000	18,903,000	
221	Philadelphia Gas Works	1,476,800	4,890,000	4,890,000	5,134,500	Natural Gas Supply
221	UGI Corporation	2,515,000				Natural Gas Supply
221	South Jersey Energy Company		234,000	234,000	245,700	Natural Gas Supply
	Total Class 221	3,991,800	5,124,000	5,124,000	5,380,200	
260	A. M. Electric, Inc.		30,000	30,000	30,000	Public Works Electrical
260	ABB Service Inc.	19,300	785,000	785,000	750,000	Repair and Maintenance
260	Anderson Construction Services Inc.		30,000	30,000	30,000	Repairs to Strl. Concrete Leaks
260	Applied Analytics Incorporated	23,040	50,000	50,000	55,000	Repair and Maintenance
260	Audio Video Repair Incorporated	37,985	75,000	75,000	75,000	Closed Circuit Television Equip.
260	Bearing & Drive Solutions Inc.	47,504	472,000	472,000	472,000	Repair and Maintenance Supplies
260	Burke Brothers Landscape/Design		30,000	30,000	30,000	Landscaping Contractor

71-530 (Program Based Budgeting Version)

CITY OF PHILADELPHIA
FISCAL 2022 OPERATING BUDGET

SUPPORTING DETAIL:
CLASSES OTHER THAN
250s AND 290, BY PROGRAM

Department	No.	Program	No.
Water	28	Operations	09
Fund	No.		
Water	02		

Minor Object Code	Name of Contractor or Provider	Fiscal 2020 Actual Obligations	Fiscal 2021 Original Appropriation	Fiscal 2021 Estimated Obligations	Fiscal 2022 Department Request	Describe purpose or scope of service provided. Include, if applicable, unit cost of service.
260	Associated Specialty Contracting	67,792				Cont. srvs; remediation at Belmont
260	Charles W Romano Company	469,897	644,000	644,000	634,000	Calibration, Electric Repair Srv., Instr. Repair Srv., UPS Repair, High Volt. Maint.
260	Clean Ventures		49,000	49,000	49,000	Environmental Contractor
260	CPR Restoration	100,000	100,000	100,000	100,000	Restoration Services
260	Delaware County Fire Restoration Inc.	100,000	100,000	100,000	100,000	Restoration Services
260	Devine Brothers Inc.	479,662	464,000	464,000	469,000	A/C Maint. & Repairs for OIT
260	Eagle Industrial Hygiene	1,700	35,000	35,000	35,000	Variable Freq. Drive (Service)
260	A&A Restoration LLC	100,000	100,000	100,000	100,000	Environmental Contractor
260	FM Generator Inc.		9,000	9,000	9,000	Repair and Maintenance Charges
260	G M H Associates Of America Inc.		120,000	120,000	120,000	Electrical Emergency Generator
260	General Asphalt Paving Co. of Philadelphia	31,432	110,000	110,000	110,000	Maint & Repair Service
260	Graham & Sons Restoration LLC	100,000	100,000	100,000	100,000	Inspec./Repair of Sluice Tidegates
260	H A Dehart & Son	146,279	135,000	135,000	135,000	Mech. Repair; Boilers, HVAC Srv.
260	Hach Company	20,335	60,000	60,000	60,000	Water Damage Restoration
260	Hays Tug and Launch		75,000	75,000	75,000	Heavy Duty Equip. & Veh. Repair
260	HSQ Technology	160,282	83,500	83,500	83,500	Hach Company Parts
260	Interline Brands Inc.	168	89,000	89,000	89,000	Barge Non-Routine Maintenance
260	J J Clark Inc.	7,000	63,000	63,000	63,000	HSQ Parts
260	Jim & Sons Electric		30,000	30,000	30,000	Repair and Maintenance Supplies
260	Longo Electrical Mechanical Inc		20,000	20,000	20,000	Fork Lift Repairs
260	Mardinly Industrial Power	146,036	145,500	145,500	147,500	Electrical Outlets & Fixtures
260	Mark Cement Contractors		35,000	35,000	35,000	Electrical supplies
260	Mcvac Environmental Services Inc.		500,000	500,000	500,000	Electrical Emergency Generations
260	Michael J. McGrory Restoration Inc.	100,000	100,000	100,000	100,000	Maintenance & Repair Service
260	Mobile Dredging & Pumping Company	324,028	1,940,000	1,940,000	1,940,000	Masonry Contractor
260	Mts Masonry		45,000	45,000	45,000	Repair and Maintenance Supplies
260	Municipal Maintenance Company	1,182,641	1,048,000	1,048,000	1,058,000	Repair and Maintenance Supplies
260	National Forensic Consultant, Inc.		30,000	30,000	30,000	Repair and Maintenance Supplies
260	National Restoration & Facilities Service	100,000	100,000	100,000	100,000	Masonry Contractor
260	Northeast Fence And Iron Works	174,460	45,000	45,000	45,000	Mechanical Repair Service
260	Omega Restoration Inc.	100,000	100,000	100,000	100,000	Structural Contractor
260	Otis Elevator Co		58,000	58,000	58,000	Water Damage Restoration
260	P & R Industries Inc.		125,000	125,000	125,000	Chain Link Fence Maintenance
260	Philadelphia Mixer Solutions Ltd.		50,000	50,000	50,000	Repair and Maintenance Supplies
260	Pollution Solutions of New Jersey LLC	335,962	470,000	470,000	470,000	Elev/Escalator Maint & Repair Srv
260	Synagro Central LLC	850,000				Inspection & Repair Service for Chemical Storage Tanks
260	Rolyn Companies, Inc.	100,000	100,000	100,000	100,000	Fluid, mixers, and agitators
						Skimmer Vessel Management
						Operation and Maintenance
						Digester Cleaning Work
						Water Damage Restoration

71-530 (Program Based Budgeting Version)

CITY OF PHILADELPHIA
FISCAL 2022 OPERATING BUDGET

**SUPPORTING DETAIL:
CLASSES OTHER THAN
250s AND 290, BY PROGRAM**

Department	No.	Program	No.
Water	28	Operations	09
Fund	No.		
Water	02		

Minor Object Code	Name of Contractor or Provider	Fiscal 2020 Actual Obligations	Fiscal 2021 Original Appropriation	Fiscal 2021 Estimated Obligations	Fiscal 2022 Department Request	Describe purpose or scope of service provided. Include, if applicable, unit cost of service.
260	Royal Water Damage Restoration	100,000	100,000	100,000	100,000	Water Damage Restoration
260	Royersford Foundry & Machine Co Inc.	19,787	48,000	48,000	48,000	Repair and Maintenance Services
260	Servpro of Society Hill	100,000	100,000	100,000	100,000	Water Damage Restoration
260	Servpro of Spring Garden/Fairmount	2,005				Water Damage Restoration
260	Set Rite Corp.		32,000	32,000	32,000	Gate maintenance
260	Solutionwerks Inc.	141,410	215,000	215,000	215,000	Repair Parts Oxygen Generation & Activated Sludge System
260	Tantala Associates LLC		30,000	30,000	30,000	Repair and Maintenance Supplies
260	Terex Services		12,500	12,500	12,500	Maintenance and Inspection
260	Elxsi	136,800				Maintenance & Repair Charges
260	Time & Parking Controls LLC		15,000	15,000	15,000	Repair and Maintenance Supplies
260	Transformer Services Inc.	138,725	117,000	117,000	117,000	Transformer Testing
260	US Municipal Supply Inc.		110,000	110,000	110,000	Video Pipeline Inspection
260	Valjon Industries Inc	245,490	56,000	56,000	56,000	Electrical supplies
260	Willier Electric Motor Co Inc.	433,824	406,000	406,000	411,000	Purchase of Electric Motors
260	Workhorse Landscaping	3,300	60,000	60,000	60,000	Landscaping Contractor
260	Wyatt Elevator Company	115,170	31,700	31,700	31,700	Elevator Services
260	Xerox Corporation	43,902	101,200	101,200	101,200	Printer ink/Copier Maint.
260	Urban Development Corporation	100,000	209,300	209,300	209,300	Repair and Maintenance Charges
260	Various Vendors	736,573	895,300	895,300	895,300	Maintenance & Repair Services
260	American Crane & Equip. Corp.	378,052	109,000	109,000	109,000	Overhead Crane Inspection
260	Elliot Lewis	4,720	50,000	50,000	50,000	Variable Freq. Drive repairs/parts
260	Strickland Electric Inc		30,000	30,000	30,000	Electrical contractor
260	Tybella Masonry & Chimney		35,000	35,000	35,000	Masonry Contractor
260	Elliot Lewis		190,000	190,000	190,000	Automatic Temperature control
260	Gessler Construction		100,000	100,000	100,000	Paving
260	CUES		125,000	125,000	125,000	Heavy Duty Equip. and Vehicle Repair CCTV Vehicles
260	Pipe and Plant Solutions (CCTV Inspection)	558,612	1,575,000	1,575,000	4,000,000	CCTV Inspection service
260	Browns Equipment			5,000	5,000	Steam Cleaning Service & Repair
260	J.A. Cunningham		5,000	5,000	5,000	Electric Welder Repair
260	Ferguson Enterprises		40,000	40,000	40,000	Valve Actuator Repair
260	JPC Fastening Systems	14,973,000	4,000	4,000	4,000	Maintenance & Repair Services
260	Brian A Finn Scale Co.		50,000	50,000	50,000	Scale maintenance
260	Merchantville Overhead Door	61,740	10,000	10,000	10,000	Gate Service (SW Plant)
260	TBD '21, '22		80,000	80,000	80,000	Bolier Maint. (SW Plant)
260	TBD '21, '22		75,000	75,000	75,000	Conveyor Sys. - Maintenance and repair (SW Plant)
260	TBD '21, '22		40,000	40,000	40,000	Gas Mnt. Sys. repair (SW Plant)
260	TBD '21, '22		70,000	70,000	70,000	Concrete repair (SW Plant)
260	TBD '21, '22		15,000	15,000	15,000	Portable Pump Svc. (SW Plant)
260	TBD '21, '22		10,000	10,000	10,000	Valve Actuator repair (SW Plant)
260	TBD '21, '22		2,000	2,000	2,000	Chainsaw repair (SW Plant)

71-530 (Program Based Budgeting Version)

CITY OF PHILADELPHIA				SUPPORTING DETAIL: CLASSES OTHER THAN 250s AND 290, BY PROGRAM		
FISCAL 2022 OPERATING BUDGET						
Department		No.	Program		No.	
Water		28	Operations		09	
Fund		No.				
Water		02				
Minor Object Code	Name of Contractor or Provider	Fiscal 2020 Actual Obligations	Fiscal 2021 Original Appropriation	Fiscal 2021 Estimated Obligations	Fiscal 2022 Department Request	Describe purpose or scope of service provided. Include, if applicable, unit cost of service.
260	Browns Equipment		5,000			Steam Cleaner Service and Repair (SW Plant)
260	TBD '21, '22		5,000	5,000	5,000	Mach. Shop Srv. (SW Plant)
260	TBD '21, '22		457,000	457,000	457,000	Boiler Retubing (NE Plant)
260	TBD '21, '22		1,000,000	1,000,000	1,000,000	Digester Cleaning and Maintenance (NE Plant)
260	TBD '21, '22		3,295,000	3,295,000	3,912,000	Best Value Contract Surface Maintenance (GSI)
260	TBD '21, '22		225,000	225,000	225,000	Cathodic Protection Public Works Projects Load Control
260	TBD '21, '22		15,650,000	15,650,000	10,000,000	Digester Cleaning at WPCP (Ops Admin)
260	TBD '21		1,700,000	1,700,000		Baxter Electrical Systems Inspect. Testing Power (Ops Admin)
260	TBD '21		650,000	650,000		Belmont Sodium Hydroxide Tank Exterior Coating (Ops Admin)
260	TBD '21		1,050,000	1,050,000		Belmont Repair and Resod Basin Slopes (Ops Admin)
260	TBD '21, '22		1,050,000	1,050,000	1,500,000	Queen Lane Corrosion Protection-Filter Building Piping (Ops Admin)
260	TBD '22				1,015,000	Gallery Tunnel Improv. - SWWPCP
260	TBD '21		500,000	500,000		New Protective Costing for Oxygen Facility - SW Plant (Ops Admin)
260	TBD '21		450,000	450,000		Elevated Water Tank Renewal of High Performing Coating - SE Plant (Ops Admin)
260	TBD '21		550,000	550,000		Lower Rox Basin Crack Repair (Ops Admin)
Total Class 260		23,618,613	40,491,000	40,491,000	34,430,000	
261	Carusone Construction Inc.		1,200,000	1,200,000	1,200,000	Repaving Repair
261	Gessler Construction Company	96,000				Repaving Repair
261	J P C Group Inc.	2,154,620	4,015,000	4,015,000	4,015,000	Repair & Replacement of GSI
Total Class 261		2,250,620	5,215,000	5,215,000	5,215,000	
264	Bart Emanuel	475,000	500,000	500,000	500,000	Plumbing Repair Programs
264	Best Choice Plumbing Inc.	1,212,443	575,000	575,000	575,000	Plumbing Repair Programs
264	Burke Plumbing & Heating Inc.	775,000	700,000	700,000	700,000	Plumbing Repair Programs
264	Buzz Duzz Plumbing	488,125	500,000	500,000	500,000	Plumbing Repair Programs
264	Clements Brothers Incorporated	275,000	300,000	300,000	300,000	Plumbing Repair Programs
264	Coffelt Contracting LLC	75,000	300,000	300,000	300,000	Plumbing Repair Programs
264	Daniels, Inc.	150,000	300,000	300,000	300,000	Plumbing Repair Programs
264	DMC Environmental Group Inc.	279,120	300,000	300,000	300,000	Plumbing Repair Programs
264	Edward Hughes and Son Incorporated	475,000	500,000	500,000	500,000	Plumbing Repair Programs

71-530 (Program Based Budgeting Version)

CITY OF PHILADELPHIA
FISCAL 2022 OPERATING BUDGET

SUPPORTING DETAIL:
CLASSES OTHER THAN
250s AND 290, BY PROGRAM

Department		No.	Program		No.	
Water		28	Operations		09	
Fund		No.				
Water		02				
Minor Object Code	Name of Contractor or Provider	Fiscal 2020 Actual Obligations	Fiscal 2021 Original Appropriation	Fiscal 2021 Estimated Obligations	Fiscal 2022 Department Request	Describe purpose or scope of service provided. Include, if applicable, unit cost of service.
264	Excel Plumbing & Heating & Air Conditioning	925,000	500,000	500,000	500,000	Plumbing Repair Programs
264	Guaranteed Plumbing Inc.	475,000	500,000	500,000	500,000	Plumbing Repair Programs
264	In A Flash Plumbing and Heating Inc.	750,000	675,000	675,000	675,000	Plumbing Repair Programs
264	Lepore Plumbing Inc	77,923	300,000	300,000	300,000	Plumbing Repair Programs
264	Jack Edmondson Inc.	475,000	300,000	300,000	300,000	Plumbing Repair Programs
264	John Ciervo Plumbing and Heating	656,818	575,000	575,000	575,000	Plumbing Repair Programs
264	Luzerne V McAllister Plumbing & Heating	565,026	575,000	575,000	575,000	Plumbing Repair Programs
264	Mr. D'S Plumbing Co Inc.	900,000	725,000	725,000	725,000	Plumbing Repair Programs
264	Plumbing Works Inc.	275,000	300,000	300,000	300,000	Plumbing Repair Programs
264	Price Contracting LLC	75,000	300,000	300,000	300,000	Plumbing Repair Programs
264	Reliable Plumbing Heating Inc.	550,000	575,000	575,000	575,000	Plumbing Repair Programs
264	Society Hill Restoration	200,000	500,000	500,000	500,000	Plumbing Repair Programs
264	Trenchless Line Company LLC		300,000	300,000	300,000	Plumbing Repair Programs
264	Various Vendors		900,000	900,000	900,000	Plumbing Repair Programs
	Total Class 264	10,129,455	11,000,000	11,000,000	11,000,000	
266	ABB Service Inc.	448,420	762,000	762,000	814,000	Maintenance and Support
266	Emerson Process Management	119,798	110,000	110,000	110,000	Maintenance and Support
266	Optimum Controls Corporation	104,166	135,000	285,000	285,000	Maintenance and Support
266	Shingle & Gibb Co		200,000	50,000	50,000	Supervision & Tech Service
266	Various Vendors	28,657	31,000	31,000	31,000	Maintenance and Support
	Total Class 266	701,041	1,238,000	1,238,000	1,290,000	
280	Factory Mutual Insurance Company		50,000	50,000	50,000	Insurance
280	Various Vendors		10,000	10,000	10,000	Insurance
	Total Class 280		60,000	60,000	60,000	
285	Geppert Brothers Incorporated	147,648	400,000	400,000	400,000	Rent Hydraulic Backhoe
285	Mobile Dredging & Pumping Company	1,492,570	552,000	552,000	552,000	Rents
285	Safety Kleen Systems Inc.	13,630	13,100	13,100	13,100	Rental/Srvc for Circulating, Immer. & Aqueous Bio Remediating Parts
285	Xerox Corporation	53,972	213,900	213,900	214,900	Copier supplies
285	Xylem Water Solutions	21,917	110,500	110,500	110,500	Pump Rental
285	Various Vendors	19,912	52,000	52,000	52,000	Rents
	Total Class 285	1,749,649	1,341,500	1,341,500	1,342,500	
299	Class 214 - Employee Education	77,724	50,000	50,000	55,000	Employee Education
299	Class 281 - Philadelphia Municipal Authority	28,885,000	32,794,000	32,794,000	32,794,000	Lease Payments
299	Class 281 - NE Plant COLGEN				1,500,000	Lease Payments
299	Various Vendors		6,000	6,000	6,000	Expenses not listed above
	Total Class 299	28,962,724	32,850,000	32,850,000	34,355,000	
301	Various Vendors	133,172	81,000	81,000	87,000	Landscaping
	Total Class 301	133,172	81,000	81,000	87,000	

71-530 (Program Based Budgeting Version)

CITY OF PHILADELPHIA
FISCAL 2022 OPERATING BUDGET

SUPPORTING DETAIL:
CLASSES OTHER THAN
250s AND 290, BY PROGRAM

Department	No.	Program	No.
Water	28	Operations	09
Fund	No.		
Water	02		

Minor Object Code	Name of Contractor or Provider	Fiscal 2020 Actual Obligations	Fiscal 2021 Original Appropriation	Fiscal 2021 Estimated Obligations	Fiscal 2022 Department Request	Describe purpose or scope of service provided. Include, if applicable, unit cost of service.
305	Altomare Precast Inc.	131,400	150,000	150,000	150,000	Slab concrete
305	American Forest Products	60,780	73,000	73,000	73,000	Construction Supplies
305	Castor Materials		25,000	25,000	25,000	Supplies
305	Donato Spaventa & Sons Incorporated	222,413	339,000	339,000	339,000	Concrete / Masonry
305	East Jordan Iron Works	162,788	75,000	75,000	75,000	Manhole Covers
305	George F Kempf Supply Company		35,000	35,000	35,000	Construction Supplies
305	James Doorcheck Incorporated	554,762	110,000	110,000	110,000	Lock parts, Doors & Windows
305	Metal Stock		98,000	98,000	98,000	Steel
305	Northeast Fence And Iron Works	78,008	103,000	103,000	103,000	Chain Link Fence
305	Pennsylvania Steel Co Inc.	83,237	18,000	18,000	18,000	Steel
305	Sherwin Williams Company	58,405	92,500	92,500	92,500	Paint
305	T D P S Materials	528,470	953,000	953,000	953,000	Asphalt Products
305	Tague Lumber Incorporated	15,089	47,500	47,500	47,500	Lumber
305	Paik Inc	9,758	48,000	48,000	48,000	Building Supplies
305	Various Vendors	136,056	67,000	67,000	91,500	Construction Supplies
	Total Class 305	2,041,166	2,234,000	2,234,000	2,258,500	
307	Buckmans Inc.	21,886	182,482	182,482	182,482	Calcium Hypochlorite
307	Air Gas	14,053	18,000	18,000	18,000	Freon
307	Aspen Refrigerants Inc		6,000	6,000	6,000	Freon
307	Cabot Norit Americans Inc.	1,618,910	2,488,160	2,488,160	2,488,160	Water Treatment Chemicals
307	Carmeuse Lime Inc.	1,244,368	1,313,450	1,313,450	1,313,450	Water Treatment Chemicals
307	Carus Chemical Co	637,213	1,402,120	1,402,120	1,402,120	Water Treatment Chemicals
307	Coyne	183,311	150,000	150,000	150,000	Phosphoric Acid
307	Craft Oil Corporation		15,000	15,000	15,000	Hydraulic oil, grease couplings
307	Dart Seasonal Products Inc.		10,000	10,000	10,000	Water Treatment Chemicals
307	Earth Science Laboratories Inc	34,321				Chemical & Gases
307	Gneral Asphalt	2,520	71,751	71,751	71,751	Boiler Treatment Chemicals
307	Kemira Water Solutions Inc.	8,859,886	9,945,000	9,945,000	9,945,000	Water Treatment Chemicals
307	Kuehne Chemical Company Inc.	6,940,885	7,254,100	7,254,100	7,254,100	Water Treatment Chemicals
307	Matheson Tri Gas Inc.		10,000	10,000	10,000	Gases / Rock Salt
307	Petrochoice Holdings Inc	2,532	25,000	25,000	25,000	Ethylene Glycol/ Antifreeze
307	Polydyne Inc.	62,004	245,304	245,304	245,304	Water Treatment Chemicals
307	Praxair	15,940	34,000	34,000	34,000	Gas/Ox/Accet
307	PVS Technologies Inc.		5,000	5,000	5,000	Water Treatment Chemicals
307	Shannon Chemical Corp	1,178,514	1,377,606	1,377,606	1,377,606	Water Treatment Chemicals
307	Solvay Fluorides LLC	129,532	429,500	429,500	429,500	Water Treatment Chemicals
307	Univar USA Inc.	1,318,413	990,804	990,804	990,804	Insecticides and Rodenticides
307	Various Vendors	290,937	44,249	44,249	44,249	Water Treatment Chemicals
307	Tanner Inc	123,211	147,474	147,474	147,474	Ammonium Hydroxide
307	TBD '20, '21, '22	44,525	2,000	2,000	2,000	Rock Salt
307	TBD '20, '21, '22		4,000	4,000	4,000	Gases
	Total Class 307	22,722,961	26,171,000	26,171,000	26,171,000	

71-530 (Program Based Budgeting Version)

CITY OF PHILADELPHIA
FISCAL 2022 OPERATING BUDGET

SUPPORTING DETAIL:
CLASSES OTHER THAN
250s AND 290, BY PROGRAM

Department	No.	Program	No.
Water	28	Operations	09
Fund	No.		
Water	02		

Minor Object Code	Name of Contractor or Provider	Fiscal 2020 Actual Obligations	Fiscal 2021 Original Appropriation	Fiscal 2021 Estimated Obligations	Fiscal 2022 Department Request	Describe purpose or scope of service provided. Include, if applicable, unit cost of service.
308	Airgas	190	1,000	1,000	1,000	Filter Masks
308	Arbill Industries	17,690	41,500	41,500	41,500	Uniforms / Arc Flash Clothing
308	Legacy Truck	1,196	88,500	88,500	88,500	Safety tripods and accessories
308	Saf T Gard	34,575	84,000	84,000	84,000	Gloves
308	Uniform Gear Inc.	6,516	226,500	226,500	226,500	Uniforms
308	Uniforms Manufacturing Company Inc.	309,526	80,500	80,500	80,500	Uniforms
308	Various Vendors	232,703	61,000	61,000	61,000	Uniforms
	Total Class 308	602,396	583,000	583,000	583,000	
310	A C Radio Supply Incorporated	23,000	39,000	39,000	39,000	Electronic Components
310	Audio Video Repair Incorporated	52,624	91,000	91,000	91,000	Closed Circuit TV Parts
310	Billows Electric Supply Co Inc.	4,000	86,000	86,000	86,000	Electrical Supplies
310	Colonial Electrical Supply	572,419	650,000	650,000	650,000	Electrical Supplies
310	Electrical Sys & Construction Supply Inc.		12,000	12,000	12,000	Control Parts
310	Graybar Electric Company Incorporated	124,174	76,000	76,000	76,000	Square D Industrial Contract
310	Lindley Electric Supply Company	17,342	69,000	69,000	69,000	Industrial Cutler Hammer
310	Multimeasurements		10,000	10,000	10,000	Levels Sensors, Rosemont transmitters, etc
310	Bandy Company	31,595	50,000	50,000	50,000	
310	R F Design & Integration Inc.	40,546	24,000	24,000	24,000	Harris and Motorola Radio Parts
310	Rumsey Electric Co	45,093	75,000	75,000	75,000	Street lighting
310	Warehouse Battery Outlet Inc.	22,226	23,000	23,000	23,000	Dry Cell Batteries
310	Ferguson Enterprises		125,000	125,000	125,000	Actuators Parts
310	Dynamatic		109,000	109,000	109,000	Variable Speed Drive for IPS Pump
310	TBD '21, '22		38,000	38,000	38,000	Valve Actuators Parts
310	Charles Romano Company	587,068	454,000	454,000	484,000	Electrical & Communication supplies
310	Various Vendors	2,855	137,000	137,000	123,000	Electrical Supplies
	Class 310 Total	1,522,942	2,068,000	2,068,000	2,084,000	
311	Bearing & Drive Solutions Inc.	3,075,484	1,513,000	1,703,000	1,703,000	Automotive Tools
311	Bearing & Drive Solutions Inc.	296,830	249,000	249,000	249,000	Mechanical Parts
311	Bowen Calhoun & Associates Inc.		22,000	22,000	22,000	Sludge Gas Equipment Parts
311	Charles W Romano Company	226,033	377,000	377,000	377,000	Calibration, Air Compressor Parts
311	Cherry Valley Tractor Sales		2,000	2,000	2,000	Weed Wacker Parts
311	Devine Brothers Inc.		135,000	135,000	135,000	A/C Maint. & Repairs for OIT
311	Ferguson Enterprises	497,189	493,000	493,000	500,500	Plumbing supplies
311	General Asphalt Paving Co of Philadelphia	194,048	757,000	567,000	587,000	Mechanical Repair Part
311	G. M. H.		3,000	3,000	3,000	Tow-behinds; Dri-prime Diesel Pumps
311	I D S C Holdings LLC	208,460	213,000	213,000	213,000	Automotive Tools
311	Instrumentation Technical Services Inc.		28,000	28,000	28,000	Parts for Gas Monitoring
311	J. T. Seeley & Company Inc.		240,000	240,000	240,000	Parts
311	Mackell Incorporated		206,000	206,000	206,000	Pump parts repair
311	T H C Enterprises		60,000	60,000	60,000	

71-530 (Program Based Budgeting Version)

CITY OF PHILADELPHIA
FISCAL 2022 OPERATING BUDGET

SUPPORTING DETAIL:
CLASSES OTHER THAN
250s AND 290, BY PROGRAM

Department	No.	Program	No.
Water	28	Operations	09
Fund	No.		
Water	02		

Minor Object Code	Name of Contractor or Provider	Fiscal 2020 Actual Obligations	Fiscal 2021 Original Appropriation	Fiscal 2021 Estimated Obligations	Fiscal 2022 Department Request	Describe purpose or scope of service provided. Include, if applicable, unit cost of service.
311	Pruyn Bearings Company		15,000	15,000	15,000	Bearings, Mechanical Seals, Parts:
311	Xylem Water Solutions USA Inc.	102,145	162,000	162,000	162,000	var-speed drive bar screen/pump
311	Kappe Associates	200,000	390,000	390,000	390,000	Pumping & filtration equipment
311	TBD '21, '22		77,000	77,000	57,000	Sanitaire Aeration tank Parts
311	Various Vendors	530,253	747,000	747,000	747,000	Repair & maintenance supplies
	Total Class 311	5,330,442	5,689,000	5,689,000	5,696,500	Repair & maintenance supplies
312	503 Corporation		10,500	10,500	11,000	Safety Equipment
312	Arbill Industries	5,095	24,500	24,500	16,500	Tripod for Lifeline
312	Atlas Flasher & Supply Company Inc.	293,950	313,000	313,000	314,000	Cones and barricades
312	Ferguson Enterprises	623,052	1,203,000	1,203,000	1,204,000	Fire Equipment
312	Maxon Supplies LLC	108,256			1,500	Safety Equipment
312	Safeware Incorporated	73,777	47,000	47,000	47,000	Fire Rope and safety material
312	Sensor & Decontamination Inc.		6,000	6,000	10,000	Rubber boots
312	Traffic Safety	221	4,000	4,000	4,000	Cones
312	TBD '21, '22		8,000	8,000	8,000	Rugging Lifting Equipment
312	Various Vendors	229,283	63,000	63,000	63,000	Safety Equipment
	Total Class 312	1,333,634	1,679,000	1,679,000	1,679,000	
314	Centralia Coal Sales Company	87,793	98,000	98,000	98,000	Fuel Oil
314	East River Energy Inc.		28,000	28,000	28,000	Fuel Oil
314	Mansfield Oil Company of Gainesville Inc.		51,000	51,000	51,000	Heating Oil
314	PAPCO Inc	51,140	68,000	68,000	68,000	Fuel Oil
314	Various Vendors		40,000	40,000	40,000	Fuel Oil
	Total Class 314	138,933	285,000	285,000	285,000	
316	Airgas	30,921	32,000	32,000	32,000	Welding Supplies
316	Atlas Flasher	2,700	11,000	11,000	11,000	Plastic Jersey Barriers
316	Austin Hardware & Supply Inc.		22,000	22,000	22,000	Hardware & Supplies
316	Fastenal Company	118,155	116,500	116,500	100,500	HVAC Supplies
316	Grayson Industries Inc.		2,000	2,000	18,000	Washers/Fasteners
316	Independent Hardware Incorporated	49,314	189,500	189,500	189,500	Hardware
316	James Doorcheck Incorporated	22,056	42,000	42,000	42,000	Hardware
316	Water Dept	3,497	54,500	54,500	54,500	General Hardware & minor tools
316	Various Vendors	62,929	41,500	41,500	41,500	Hardware & Supplies
	Total Class 316	289,572	511,000	511,000	511,000	
318	Accommodation Mollen Inc.		14,000	14,000	11,000	Receptacles
318	Airwick Professional Products	2,355	54,300	54,300	54,300	Supplies
318	All American Poly	41,771	26,000	26,000	26,000	Bags, Paper and Plastic
318	Camden Bag & Paper Co LLC		6,000	6,000	9,000	Soaps & Detergents
318	Interline Brands Inc	39,756	10,000	10,000	10,000	Supplies
318	South Jersey Paper Products	85,522	71,200	71,200	71,200	Waste Receptacles and Liners

71-530 (Program Based Budgeting Version)

CITY OF PHILADELPHIA
FISCAL 2022 OPERATING BUDGET

SUPPORTING DETAIL:
CLASSES OTHER THAN
250s AND 290, BY PROGRAM

Department	No.	Program	No.
Water	28	Operations	09
Fund	No.		
Water	02		

Minor Object Code	Name of Contractor or Provider	Fiscal 2020 Actual Obligations	Fiscal 2021 Original Appropriation	Fiscal 2021 Estimated Obligations	Fiscal 2022 Department Request	Describe purpose or scope of service provided. Include, if applicable, unit cost of service.
318	Various Vendors	259,785	73,500	73,500	73,500	Janitorial Supplies
	Total Class 318	429,189	255,000	255,000	255,000	
320	Staples Contract & Commercial	97,556				Office Supplies
320	Various Vendors	34,354				Office Supplies
	Class 320 Total	131,910				
322	Cole-Parmer Instrument Company		31,000	31,000	31,000	Tools
322	Colonial Electrical Supply	21,993	32,000	32,000	33,000	Electrical Supplies
322	D L Electronics Incorporated	32,755	57,750	57,750	57,750	Electrical Supplies
322	Donato Spaventa & Sons Incorporated		15,250	15,250	15,250	Fuel, Moto, Mix
322	Ferguson Enterprises	39,550				Tools
322	Exeter Supply Company Incorporated		30,000	30,000	30,000	Tools
322	Independent Hardware Incorporated	93,298	104,500	104,500	105,500	Tools
322	Moulton Ladder And Scaffold Company LLC	6,039	14,500	14,500	14,500	Tools
322	TBD '21, '22		24,000	24,000	24,000	Laser Shaft alignment Tool
322	Various Vendors	105,357	71,000	71,000	75,000	Tools
	Class 322 Total	298,992	380,000	380,000	386,000	
323	Bandy Company		52,000	52,000	52,000	Plumbing Supplies and Repair
323	Emerson Process Management	54,267	100,000	100,000	100,000	Process Control System
323	Ferguson Enterprises	2,153,664	3,060,000	3,060,000	3,081,500	Plumbing supplies and repair
323	Gage It Incorporated	13,130	49,500	49,500	49,500	Pressure gauges
323	Labov Plumbing & Heating Supply Inc.	562,217	70,000	70,000	70,000	Curb Stops and Srvc. Line Fittings
323	Pipe Line Plastics Inc.	53,417	124,000	124,000	124,000	PVC Pipe and Fittings
323	Smith Blair Incorporated	137,950	152,000	152,000	152,000	Steel couplings
323	United Refrigeration Incorporated		68,000	68,000	68,000	HVAC Supplies
323	J P C Group	2,080				Supplies
323	Fastenal Co.	274	20,000	20,000	20,000	Gas Tube Fittings
323	Laurab		15,000	15,000	15,000	HVAC Filters
323	Tozour Energy Systems	57,348	75,000	75,000	75,000	HVAC Parts
323	Various Vendors	36,519	106,500	106,500	104,500	Plumbing supplies
	Total Class 323	3,070,866	3,892,000	3,892,000	3,911,500	
324	Applied Analytics Incorporated	46,240	119,000	119,000	133,000	Fischer-Porter products
324	ABB Inc	122,008	95,000	95,000	95,000	Prec., Photographic & Artist supp.
324	Applied Analytics Incorporated	117,157	35,000	35,000	35,000	Flow Meters
324	Hach Company	315,054	225,000	225,000	390,000	Hach Company Parts
324	Innovative Printing Systems Inc.	61,808	78,000	78,000	78,000	Printer Supplies
324	Multi Measurements	480,863	399,000	399,000	399,000	MSA Gas Meters
324	Multi-Measurements	684,889	586,000	586,000	586,000	YSI Instruments
324	North East Technical Sales Inc.	239,270	138,000	138,000	141,000	Instrument Parts
324	PDIR Inc.		2,000	2,000	2,000	ATI Equipment, Repairs and Parts
324	TBD '21, '22		70,000	70,000	70,000	Various Supplies

71-530 (Program Based Budgeting Version)

CITY OF PHILADELPHIA
FISCAL 2022 OPERATING BUDGET

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CLASSES OTHER THAN
250s AND 290, BY PROGRAM

Department	No.	Program	No.
Water	28	Operations	09
Fund	No.		
Water	02		

Minor Object Code	Name of Contractor or Provider	Fiscal 2020 Actual Obligations	Fiscal 2021 Original Appropriation	Fiscal 2021 Estimated Obligations	Fiscal 2022 Department Request	Describe purpose or scope of service provided. Include, if applicable, unit cost of service.
324	Various Vendors	27,041	346,000	346,000	194,000	Various visual supplies
	Total Class 324	2,094,330	2,093,000	2,093,000	2,123,000	
325	Vanguard	19,235	48,000	48,000	48,000	Printing
325	PhilaCor	16,581	42,000	42,000	42,000	Printing
	Total Class 325	35,816	90,000	90,000	90,000	
328	IEH Auto Parts LLC	19,928				Vehicle Parts
328	Safeware Incorporated	5,806	20,000	20,000	20,000	Vehicle Parts
328	Uni Select USA Inc.		7,000	7,000	7,000	Automotive Shop Supplies
328	Various Vendors	807	29,000	29,000	29,000	Vehicle Parts
	Total Class 328	26,541	56,000	56,000	56,000	
335	Craft Oil Corporation		64,000	64,000	64,000	Lubricant
335	Petro Choice	14,458	19,000	19,000	19,000	Lubricant
335	Prime Lube Inc.		3,000	3,000	3,000	Lubricant
335	Various Vendors	9,051	5,000	5,000	5,000	Lubricant
	Total Class 335	23,509	91,000	91,000	91,000	
340	Mansfield Oil Company of Gainesville Inc.	6,000	108,000	108,000	108,000	Heating Oil
340	PAPCO Inc	9,900	20,000	20,000	20,000	Heating Oil
	Total Class 340	15,900	128,000	128,000	128,000	
345	Mansfield Oil Company of Gainesville Inc.		100,000	100,000	100,000	Gasoline
	Total Class 345		100,000	100,000	100,000	
399	TBD '21, '22		3,000	3,000	3,000	Nautical & Aeonical-Class 319
399	Brandy Company	53,104	94,000	94,000	93,000	Parking Meter & Waster Meter Services-Class 321
399	Various Vendors	1,365	1,000	1,000	1,000	Expenses not listed above
	Total Class 399	54,469	98,000	98,000	97,000	
410	Master Leak Technologies		7,000	7,000	7,000	Electrical Supplies
410	Forerunner Technologies Inc	439,657				Electrical Supplies
410	Motorola Solutions Inc.	112,575	175,000	175,000	175,000	Electrical Supplies
410	Willier Electric Motor Co Inc.	30,180	96,000	96,000	68,000	Electric Motors
410	Various Vendors		29,000	29,000	39,000	Electrical Supplies
	Total Class 410	582,412	307,000	307,000	289,000	
411	Willier Electric Motor Co Inc.	141,453	152,000	152,000	152,000	Electric Motors
411	American Crane & Equip Corp		5,000	5,000	5,000	Gantry crane and freight
411	Bandy Co		3,000	3,000	3,000	Small Submersible Pumps
411	Donato Spaventa & Sons Incorporated		72,000	72,000	72,000	General Equipment

71-530 (Program Based Budgeting Version)

CITY OF PHILADELPHIA
FISCAL 2022 OPERATING BUDGET

**SUPPORTING DETAIL:
CLASSES OTHER THAN
250s AND 290, BY PROGRAM**

Department	No.	Program	No.
Water	28	Operations	09
Fund	No.		
Water	02		

Minor Object Code	Name of Contractor or Provider	Fiscal 2020 Actual Obligations	Fiscal 2021 Original Appropriation	Fiscal 2021 Estimated Obligations	Fiscal 2022 Department Request	Describe purpose or scope of service provided. Include, if applicable, unit cost of service.
411	David Heiner Associates	77,436				General Equipment
411	TBD '21, '22		20,000	20,000	20,000	Nash-Hylor Vaccum Pump
411	TBD '21, '22		40,000	40,000	40,000	Sump, Barge Pumps
411	TBD '21, '22		235,000	235,000	235,000	Hydrogritter, Grit Pumps, Steam Cleaning Unit
411	Various Vendors	54,212	97,000	97,000	97,000	General Equipment
	Total Class 411	273,101	624,000	624,000	624,000	
423	503 Corp		4,000	4,000	4,000	Air Circulators
423	Americhem International	3,000	3,000	3,000	3,000	Heaters & Fans
423	Ferguson Enterprises	13,469	6,000	6,000	6,000	Heaters, Water, Electric
423	David Heiner Associates	109,079				HVAC Parts
423	Tozour Energy Systems		10,000	10,000	10,000	HVAC Parts
423	TBD '21, '22		20,000	20,000	30,000	Heating/Cooling Equipment
423	TBD '21, '22		3,000	3,000	3,000	Refrigerator SOPs
423	Various Vendors		31,000	31,000	29,000	Plumbing, Heating, A/C
	Total Class 423	125,548	77,000	77,000	85,000	
424	Inner Tite Corporation		35,000	35,000	35,000	Precision, Photographic
424	H A Dehart & Son		35,000	35,000	35,000	Precision, Photographic
424	TBD '21, '22		15,000	15,000	15,000	Curb Stop Locks
424	TBD '21, '22		10,000	10,000	10,000	Precision and Elec. Test Equip.
424	TBD '21, '22		3,000	3,000	3,000	Inlet Markers
424	Multi-Measurement	450	15,000	15,000	15,000	Purchase of Analysers & Samplers
424	Various Vendors		9,000	9,000	9,000	Precision, Photographic
	Total Class 424	450	122,000	122,000	122,000	
427	Acentra Technologies, Inc. and TBD '21, '22	68,716	55,000	55,000	75,000	Computer needs at water plants
	Total Class 427	68,716	55,000	55,000	75,000	
428	Pacifico Ford	2,901,885	1,000,000	1,000,000	3,000,000	Vehicles and accessories
428	Vehicles	1,097,584				Vehicles and accessories
	Total Class 428	3,999,469	1,000,000	1,000,000	3,000,000	
430	Transamerican Office Furniture Inc.	58,024				Contemp. Office Furniture, Steel
430	Philacor	23,354				Contemp. Office Furniture, Steel
430	Robinson Steel Company	27,804				Furniture and Other finishings
430	Various Vendors	142,320				Furniture and Other finishings
	Total Class 430	251,502				

71-530 (Program Based Budgeting Version)

**CITY OF PHILADELPHIA
FISCAL 2022 OPERATING BUDGET**

**SUPPORTING DETAIL:
CLASSES OTHER THAN
250s AND 290, BY PROGRAM**

Department Water	No. 28	Program Operations	No. 09
Fund Water	No. 02		

Minor Object Code	Name of Contractor or Provider	Fiscal 2020 Actual Obligations	Fiscal 2021 Original Appropriation	Fiscal 2021 Estimated Obligations	Fiscal 2022 Department Request	Describe purpose or scope of service provided. Include, if applicable, unit cost of service.
499	Robert E. Little, Inc.	34,240	79,000	79,000	85,500	Agricultural & Botanical Srvs-CI 401
499	1 Stop Electronic Center	4,895				Various small electronic and equipment at plants-CI 404
499	1 Stop Electronic Center	2,506				Janitorial & Laundry Sup.-CI 418
499	T. Frank McCalls	3,161	10,000	10,000	10,000	Janitorial & Laundry Sup.-CI 418
499	Various Vendors		5,000	5,000	5,000	Agricultural & Botanical Srvs-CI 401
499	TBD '21, '22		6,000	6,000	6,000	Various small electronic and equipment at plants-CI 404
499	TBD '21, '22		7,000	7,000	7,000	Janitorial & Laundry Sup.-CI 418
	Total Class 499	44,802	107,000	107,000	113,500	

71-530 (Program Based Budgeting Version)

CITY OF PHILADELPHIA		PERFORMANCE MEASURES AND RACIAL EQUITY		
FISCAL 2022 OPERATING BUDGET				
Department Water	No. 28	Program Public Affairs	No. 40	
Program Description				
<p>This program creates and implements comprehensive communications strategies to inform and educate Philadelphians about PWD, to expand access to PWD services, and to provide residents with critical information in times of breaking news or emergency repairs, making sure that residents continue to receive information from the Department in a timely and comprehensive manner. This includes the management of the newly merged Customer Contact Center which receives customer calls regarding water emergencies, requests for customer service, and information about billing and collection. The program also has a special focus on public engagement and community relations, and mediates the needs, expectations and concerns of PWD's stakeholders. In accordance with the Mayor's office, this program facilitates media access to PWD; designs and executes a digital strategy to engage residents; and ensures that key information about PWD is available to residents.</p>				
Program Objectives				
<p>a) The Customer Contact Center will increase and integrate communication capabilities, allowing customers to request service through digital channels, such as live chat, and create specializations within the team structure to more efficiently address complex tasks.</p> <p>b) Public Affairs will continue to engage and communicate actively with the public utilizing consistent key messaging points across the organization, focusing on a commitment to transparency and building community trust.</p> <p>c) The public will be engaged in a variety of ways, including print and digital through conventional and social media, direct mail, improved websites, blogs, videos, presentations, and animations, among others. These tools will support a variety of dedicated campaigns designed to ensure that customers have the information they need regarding infrastructure investments, customer assistance programs, water quality, regulatory obligations and other important topics.</p> <p>d) PWD's public engagement teams will continue to meet with residents to share information and receive feedback through both in-person and virtual means to reach a variety of audiences.</p> <p>e) PWD will engage approximately 30,000 adults and children annually via educational programming, including the Fairmount Water Works Interpretive Center and expanded partnerships with City and nonprofit organizations.</p>				
Performance Measures				
Description	Fiscal 2020 Year-End	Fiscal 2021 Year-to-Date (Q1 + Q2)	Fiscal 2021 Target	Fiscal 2022 Target
(1)	(2)	(3)	(4)	(5)
Average speed to answer customers' emergency calls (minutes)	4.5	6.40	< 3.0	< 3.0
<u>Comments:</u> Due to the effects of the COVID-19 pandemic, rotating staffing in Q1 resulted in slower speed to answer. The Department intends to meet its goal for FY2021 with better performance in Q2-Q4.				
Average speed to answer customers' billing and service calls (minutes)	6.0	9.1	< 15	< 15
<u>Comments:</u> Due to the effects of the COVID-19 pandemic, rotating staffing in Q1 resulted in slower speed to answer. The Department intends to meet its goal for FY2021 with better performance in Q2-Q4.				
Number of non-city employees in attendance at public meetings	5,773	45	> 2,400	> 4,800
<u>Comments:</u> This measure has been impacted by COVID-19 pandemic.				
<u>Comments:</u>				
<u>Comments:</u>				

71-53EZ (Program Based Budgeting Version)

CITY OF PHILADELPHIA			PROGRAM SUMMARY - ALL FUNDS			
FISCAL 2022 OPERATING BUDGET						
Department		No.	Program			No.
Water		28	Public Affairs			40
Summary by Fund						
Fund No.	Fund	Fiscal 2020 Actual Obligations	Fiscal 2021 Original Appropriations	Fiscal 2021 Estimated Obligations	Fiscal 2022 Proposed Budget	Increase or (Decrease)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
02	Water	14,170,118	12,670,596	12,722,810	12,985,082	262,272
	Total	14,170,118	12,670,596	12,722,810	12,985,082	262,272
Summary of Full Time Positions by Fund						
Fund No.	Fund	Actual Positions 6/30/20	Fiscal 2021 Budgeted	Increment Run PPE 12/21/20	Fiscal 2022 Budgeted	Inc. / (Dec.) (Col. 6 less 4)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
02	Water	99	108	98	108	
	Total Full Time	99	108	98	108	
Summary of Non-Tax Revenues by Fund						
Fund No.	Fund	Fiscal 2020 Actual Revenues	Fiscal 2021 Original Budget	Fiscal 2021 Estimate	Fiscal 2022 Proposed Budget	Increase or (Decrease)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
	Total					
Selected Associated Capital Projects						
Dept. Where Appropriated	Description	Carry Forward	Fiscal 2021 Original Approp. (GO Only)	Fiscal 2021 Original Approp. (All Other Sources)	Fiscal 2022 Proposed Budget (GO Only)	Fiscal 2022 Proposed Bdg (All Other Sources)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
	Total					
Selected Associated Operating Costs						
Dept. Where Appropriated	Description	Fiscal 2020 Calculated Obligations	Fiscal 2021 Calculated Appropriations	Fiscal 2021 Calculated Obligations	Fiscal 2022 Calculated Budget	Increase or (Decrease)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Finance	Employee Benefits - Civilian	1,946,880	1,914,722	2,078,082	2,182,417	104,335
Finance	Employee Benefits - Uniform					
	Total	1,946,880	1,914,722	2,078,082	2,182,417	104,335

CITY OF PHILADELPHIA			PROGRAM SUMMARY			
FISCAL 2022 OPERATING BUDGET						
Department		No.	Program		No.	
Water		28	Public Affairs		40	
Fund		No.				
Water		02				
Summary by Class						
Class	Description	Fiscal 2020 Actual Obligations	Fiscal 2021 Original Appropriations	Fiscal 2021 Estimated Obligations	Fiscal 2022 Proposed Budget	Increase or (Decrease)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
100	Employee Compensation					
a)	Personal Services	5,647,557	5,548,596	5,600,810	5,863,082	262,272
b)	Employee Benefits					
200	Purchase of Services	7,662,337	6,056,000	6,056,000	6,056,000	
300	Materials and Supplies	359,004	557,000	557,000	557,000	
400	Equipment	1,220	9,000	9,000	9,000	
500	Contributions, Indemnities and Taxes	500,000	500,000	500,000	500,000	
700	Debt Service					
800	Payments to Other Funds					
900	Advances and Misc. Payments					
Total		14,170,118	12,670,596	12,722,810	12,985,082	262,272
Summary of Positions						
Code	Category	Actual Positions 6/30/20	Fiscal 2021 Budgeted Positions	Increment Run PPE 12/21/20	Fiscal 2022 Budgeted Positions	Increase or (Decrease)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
101	Full Time - Civilian	99	108	98	108	
105	Full Time - Uniform					
Total		99	108	98	108	
Selected Associated Non-Tax Revenues by Type						
Description	Fiscal 2020 Actual Revenues	Fiscal 2021 Original Budget	Fiscal 2021 Estimate	Fiscal 2022 Proposed Budget	Increase or (Decrease)	
(1)	(2)	(3)	(4)	(5)	(6)	
Local (Non-Governmental)						
Federal						
State						
Other Governments						
Other Funds of the City						
Total						

71-53F (Program Based Budgeting Version)

CITY OF PHILADELPHIA
FISCAL 2022 OPERATING BUDGET

SCHEDULE 100
LIST OF POSITIONS
BY PROGRAM

Department				No.	Program				No.
Water				28	Public Affairs				40
Fund				No.					
Water				02					
Line No. (1)	Class Code (2)	Title (3)	Salary Range (in dollars) (4)	Fiscal 2020 Actual Pos. 6/30/20 (5)	Fiscal 2021 Budgeted Positions (6)	Increment Run -PPE 12/21/20 (7)	Fiscal 2022 Budgeted Positions (8)	Annual Salary 7/1/21 (9)	Increase (Decrease) (Col. 8 less Col. 6) (10)
PUBLIC RELATIONS & EDUCATION									
1	1A04	Clerk 3	31,563 - 33,704				1	33,704	1
2	1A04	Clerk 3	40,589 - 44,289	2		2	2	88,578	2
3	1A11	Clerk Typist 1	39,793 -43,421		1				(1)
4	1A37	Service Representative	37,067 - 40,288	1		1	1	40,288	1
5	1B10	Account Clerk	38,170 - 41,540		2		1	41,540	(1)
6	1D41	Data Services Support Clerk	37,067 - 40,288	1	1				(1)
7	1E15	Web Developer	72,280 - 81,322	1		1	1	81,322	1
8	1E17	Web Editor	53,368 - 68,619	1	1	1	1	68,619	
9	2J03	Public Relations Specialist 2	51,109 - 65,712	4	2	4	4	262,848	2
10	2J04	Public Information Officer	56,131 - 72,161	3	4	2	2	144,322	(2)
11	2J59	Community Initiatives Specialist	41,886 - 53,848	2	4	2	3	161,544	(1)
12	2L10	Administrative Assistant Non-Confidential	41,886 - 53,848	1		1	1	53,848	1
13	2L20	Administrative Officer	54,706 - 70,334		1				(1)
14	2L31	Administrative Specialist I Non-Confidential	41,886 - 53,848		1		1	53,848	
15	3A01	Engineering Aide 1	37,067 - 40,288		1				(1)
16	3B63	Environmental Engineer 3	69,409 - 89,241	1	1	1	1	89,241	
17	3E04	City Planner 3	67,935 - 76,422	1	1	1	1	76,422	
18	6D03	Municipal Guard	38,170 - 41,540	1	1	1	1	41,540	
19	6J17	Water Customer Care Representative	42,769 - 46,786	1		1	1	46,786	1
20	7N54	Urban Park Ranger 2	39,379 - 42,914	1	1	1	1	42,914	
21	7N57	Urban Park Ranger 1	35,743 - 38,783	1	1	1	1	38,783	
22	7N73	Grounds Maintenance Worker Crew Chief	42,769 - 46,786	1	1	1	1	46,786	
23	A398	Assistant Managing Director	99,000			1	1	99,000	1
24	9D27	Environmental Education Program Specialist	52,387 - 67,355	3	2	3	3	202,065	1
25	9D28	Environmental Education Planner	46,852 - 60,240	3	4	3	3	180,720	(1)
26	9E16	Waterworks Interpretive Center Director	74,416 - 95,673	1	1	1	1	95,673	
27	9G05	Graphic Design Administrator	64,837 - 83,355		1		1	83,355	
28	9G11	Graphic Design Specialist	51,293 - 56,571	1	1	1	1	56,571	
29	D250	Deputy Commission	125,000		1		1	125,000	
30	G615	General Manager Public Affairs	108,067		2				(2)
Subtotal Public Relations & Education				31	36	30	36	2,255,317	

71-531 (Program Based Budgeting Version)

CITY OF PHILADELPHIA
FISCAL 2022 OPERATING BUDGET

SCHEDULE 100
LIST OF POSITIONS
BY PROGRAM

Department Water	No. 28	Program Public Affairs	No. 40
Fund Water	No. 02		

Line No. (1)	Class Code (2)	Title (3)	Salary Range (in dollars) (4)	Fiscal 2020 Actual Pos. 6/30/20 (5)	Fiscal 2021 Budgeted Positions (6)	Increment Run -PPE 12/21/20 (7)	Fiscal 2022 Budgeted Positions (8)	Annual Salary 7/1/21 (9)	Increase (Decrease) (Col. 8 less Col. 6) (10)
CUSTOMER INFORMATION									
31	1A04	Clerk 3	40,589 - 44,289	2		2	1	44,289	1
32	1A37	Service Representative	37,067 - 40,288	1		2			
33	1D41	Data Services Support Clerk	37,067 - 40,288		1				(1)
34	2B02	Collection Customer Representative	40,589 - 44,289	2		2			
35	2B10	Assistant Revenue Collection Manager	50,220 - 64,550		2				(2)
36	2B20	Revenue Collection Officer 1	79,414 - 102,110	1	1	1	1	102,110	
37	6F11	Utility Representative	40,589 - 44,289	1		1			
38	6J09	Water Customer Care Trainee	38,170 - 41,540	14		14	3	124,620	3
39	6J17	Water Customer Care Representative	42,769 - 46,786	35	57	36	51	2,386,086	(6)
40	6J18	Water Customer Care Specialist	44,833 - 49,200				4	196,800	4
41	6J19	Water Customer Care Supervisor	46,200 - 59,403	9	9	8	9	534,627	
42	7B08	Water Customer Assistant Manager	54,706 - 70,334	2	2	2	2	140,668	
43	A398	Assistant Managing Director 2	99,000	1			1	99,000	1
Subtotal Customer Information				68	72	68	72	3,628,200	
Totals				99	108	98	108	5,883,517	

71-531 (Program Based Budgeting Version)

CITY OF PHILADELPHIA
FISCAL 2022 OPERATING BUDGET

SCHEDULE 100
LIST OF POSITIONS
BY PROGRAM

Department Water	No. 28	Program Public Affairs	No. 40
Fund Water	No. 02		

Line No. (1)	Class Code (2)	Title (3)	Salary Range (in dollars) (4)	Fiscal 2020 Actual Pos. 6/30/20 (5)	Fiscal 2021 Budgeted Positions (6)	Increment Run -PPE 12/21/20 (7)	Fiscal 2022 Budgeted Positions (8)	Annual Salary 7/1/21 (9)	Inc. (Dec.) (Col. 8 less Col. 6) (10)
1	101	Total Full Time		99	108	98	108	5,883,517	
2	103	Lump Sum Separation Payments						15,000	
3	121	Temporary						197,000	
4	161	Regular Overtime						140,000	
5	171	H&L, IOD, LT-Sick						3,100	
6	181	Shift Differential						1,000	
Total Gross Requirements				99	108	98	108	6,239,617	
Plus: Earned Increment								30,856	
Plus: Longevity								2,879	
Less: (Vacancy Allowance)								(410,271)	
Total Budget Request								5,863,082	

Summary of Personal Services

Line No. (1)	Category (2)	Fiscal 2020		Fiscal 2021			Fiscal 2022		Inc. / (Dec.) in Require. (Col. 9 less Col. 6) (10)	Inc. / (Dec.) in Bud. Pos. (Col. 8 less Col. 5) (11)
		Actual Positions 6/30/20 (3)	Actual Obligations (4)	Budgeted Positions (5)	Estimated Obligations (6)	Increment Run -PPE 12/21/20 (7)	Budgeted Positions (8)	Department Request (9)		
1	Lump Sum		79,670		15,000			15,000		
2	Full Time - Civilian	99	4,912,643	108	5,243,710	98	108	5,506,982	263,272	
3	Full Time - Uniform									
4	Bonus, Gross Adj.									
5	PT, Temp/Seas, Bd, SCG		111,726		197,000			197,000		
6	Overtime - Civilian		537,887		140,000			140,000		
7	Overtime - Uniform									
8	Unused Uniform Leave									
9	Shift/Stress		2,643		2,000			1,000	(1,000)	
10	H&L, IOD, LT-Sick		2,988		3,100			3,100		
11										
12										
Total		99	5,647,557	108	5,600,810	98	108	5,863,082	262,272	

71-53J (Program Based Budgeting Version)

CITY OF PHILADELPHIA
FISCAL 2022 OPERATING BUDGET

SUPPORTING DETAIL:
PROFESSIONAL SERVICES AND
CARE OF INDIVIDUALS, BY PROGRAM

Department	No.	Program	No.
Water	28	Public Affairs	40
Fund	No.		
Water	02		

Class (1)	Description (2)	Fiscal 2020 Actual Obligations (3)	Fiscal 2021 Original Appropriation (4)	Fiscal 2021 Estimated Obligations (5)	Fiscal 2022 Department Request (6)	Increase or (Decrease) (7)
250s	Professional Services (250-254, 257-259)	7,499,905	5,465,000	5,465,000	5,465,000	
290	Payments for Care of Individuals					

Minor Object Code	Name of Contractor or Provider	Fiscal 2020 Actual Obligations	Fiscal 2021 Original Appropriation	Fiscal 2021 Estimated Obligations	Fiscal 2022 Department Request	Describe purpose or scope of service provided. Include, if applicable, unit cost of service.
250	Adam Levine	70,000	70,000	55,000	55,000	PWD Archival Management
250	Aecom Technical Services Inc.	100,000	50,000	40,000	40,000	Eval. of Res. BMPs for Potential Reg. Credit
250	Albert L. Pundt	34,000	34,000	25,000	25,000	Digital Archivist
250	Andrea Rose Photography - (Andrea McClennon)	34,000		15,000	15,000	Photograph/Video Services
250	Ann Nozicz-Cashman	34,000				Lessons, tours, and activities primarily for pre-K through post-secondary studnets
250	Blake + Barancick Design Group, Inc.	30,000	50,000	40,000	40,000	Formating translated documents
250	Bria Wimberly	34,000				Edu. Asst. for MS4 and CSO Regulatory Req.
250	CH2M Hill	25,000	25,000	25,000	25,000	Facilitation of SW Regs Dvlp. Svcs. Committee
250	Cloud & Gershan Associates, Incorporated		75,000	75,000	75,000	Signage for Consent Order Agr. for public sites
250	Cloud Institute	32,000	34,000	34,000	34,000	Curriculum Evaluation re PA and PSD Req.
250	CMC Energy (Civic Energy Services)	750,000	750,000	700,000	700,000	Low Income Conservation Asst. Program (LICAP)
250	D. Kerry Laycock LLC	32,000	34,000	34,000	34,000	Call Center Merger Asst.
250	Energy Coordinating Agency	200,000				Community based ogs. TAP application asst.
250	Express Employment Services	8,449				Temp. Employee Hiring Services
250	Fairmount Park Conservancy	138,470	34,000	34,000	34,000	GCCW Targeted Outreach in Strawberry Masion, etc... (OOW has \$300,000)
250	Fifteen Minutes Inc	75,000	75,000	75,000	75,000	Public Campaign Marketing consultant
250	Five9 Inc	400,000	400,000	400,000	400,000	Contact Center Cloud Tehnology
250	Fund for Philadelphia Inc.	7,000				Fiduciary Program management
250	Fund for the Water Works	573,667	432,000	417,000	417,000	Board and Admin Support for the FWWIC
250	Geneva Worldwide Inc	15,000	5,000	5,000	5,000	Document Translation Services
250	Globo Language Solutions	15,000				Document Translation Services
250	Grancius		34,000			Social Media Strategic Planning
250	Green Treks	205,000	50,000	65,000	65,000	Consent Order Agt. and MS4 Permit Edu. Videos
250	GreenHouse Media	40,000	40,000	40,000	40,000	Exhibit Maintenance
250	Habitheque, Inc.	582,033	200,000	239,000	239,000	Exhibit Evaluation / Redesign-FWWIC
250	Incontact	142,750				Call Centers Cloud Technology
250	Jack T Ewart	34,000				Consulting services
250	JPG Photography	29,000	34,000	34,000	34,000	Genral Photography Assistance
250	Karen Friedman Enterprises	37,500	75,000	60,000	60,000	Crisis Comms. WQ and Emg. Preparedness
250	Language Line Services Inc	30,000	30,000	30,000	30,000	Telephone Translation Services
250	Louis Cook Design	95,000	95,000	80,000	80,000	Visual Communications Support
250	Made by Fern LLC		34,000			Develop Animations
250	Nationalities Service Center		5,000	5,000	5,000	Document Translation Services
250	Various Vendors	218,046				Consulting Services
250	PA Environmental Council	150,000	150,000	150,000	150,000	Watershed Ptr. Facilitation (IWMP and GCCW)
250	Partnership For Delaware Estuary	235,000	200,000	200,000	200,000	Source Water and SW Education and Facilitation
250	Penn State	34,000	34,000	34,000	34,000	Master Watershed Steward Program
250	Pennsylvania Horticultural Society (PHS)	881,954	275,000	475,000	475,000	Raincheck and Rain Barrel Workshops/Install.

71-53N (Program Based Budgeting Version)

CITY OF PHILADELPHIA FISCAL 2022 OPERATING BUDGET				SUPPORTING DETAIL: PROFESSIONAL SERVICES AND CARE OF INDIVIDUALS, BY PROGRAM		
Department Water		No. 28	Program Public Affairs		No. 40	
Fund Water		No. 02				
Class (1)	Description (2)	Fiscal 2020 Actual Obligations (3)	Fiscal 2021 Original Appropriation (4)	Fiscal 2021 Estimated Obligations (5)	Fiscal 2022 Department Request (6)	Increase or (Decrease) (7)
250s	Professional Services (250-254, 257-259)	7,499,905	5,465,000	5,465,000	5,465,000	
290	Payments for Care of Individuals					
Minor Object Code	Name of Contractor or Provider	Fiscal 2020 Actual Obligations	Fiscal 2021 Original Appropriation	Fiscal 2021 Estimated Obligations	Fiscal 2022 Department Request	Describe purpose or scope of service provided. Include, if applicable, unit cost of service.
250	Phila. Mural Arts Advocates	100,000	26,000	36,000	36,000	Watershed Education Via Visual Arts
250	7 Separate Educators		102,000	105,000	105,000	Educational Asst. for MS4 and CSO Req
250	Sahar Coston-Hardy Photography	5,000				FWWIC - Development
250	Sandy Sorlien	34,000	34,000	34,000	34,000	Educational Assistance for MS4 and CSO Req
250	Scotlandyard Security	418,572	450,000	450,000	450,000	Interpretive Center - Security
250	Sustainable Choices LLC	134,000	100,000	100,000	100,000	Plant Tours / Public Education
250	Trans-Pacific Engineering	950,000	950,000	900,000	900,000	GCCW Public Engagement
250	Trustees of the Univ. of PA	75,000	75,000	75,000	75,000	Comprehensive Survey
250	TTF Watershed Partnership	240,000	240,000	215,000	215,000	Watershed Partnerships (IWMP Tacony)
250	Universal Services Associates, Inc	34,000	34,000	34,000	34,000	FWWIC Exhibit Maintenance
250	Virginia Ingram	153,464	100,000	100,000	100,000	Digital Media Strategic Plan Development
250	Vivian Williams	34,000				Educational Assitance for MS4 and CSO Req
	Total Class 250	7,499,905	5,435,000	5,435,000	5,435,000	
257	Sears Iron Works		30,000	30,000	30,000	Repair and Restoration
	Total Class 257		30,000	30,000	30,000	

71-53N (Program Based Budgeting Version)

CITY OF PHILADELPHIA
FISCAL 2022 OPERATING BUDGET

**SUPPORTING DETAIL:
CLASSES OTHER THAN
250s AND 290, BY PROGRAM**

Department		No.	Program		No.	
Water		28	Public Affairs		40	
Fund		No.				
Water		02				
Minor Object Code	Name of Contractor or Provider	Fiscal 2020 Actual Obligations	Fiscal 2021 Original Appropriation	Fiscal 2021 Estimated Obligations	Fiscal 2022 Department Request	Describe purpose or scope of service provided. Include, if applicable, unit cost of service.
209	Windstream	13,460	50,000	50,000	50,000	Internet Services
	Total Class 209	13,460	50,000	50,000	50,000	
210	US Postmaster	275	225,000	225,000	225,000	Postal Services
	Total Class 210	275	225,000	225,000	225,000	
240	TBD '21, '22		193,000	193,000	193,000	Advertising for TAP program
	Total Class 240		193,000	193,000	193,000	
255	TTF Watershed Partnership Treasurer (TTF)	40,000				Watershed Partnership Dues
255	Various Vendors	17,125				Dues
	Total Class 255	57,125				
285	Mat Business Corp	27,045	50,000	50,000	50,000	School Bus Transportation
285	Xerox Corporation	9,980	20,000	20,000	20,000	Office Equipment Rentals
285	Various Vendors	3,489	3,000	3,000	3,000	Office Equipment Rentals
	Total Class 285	40,514	73,000	73,000	73,000	
325	Vanguard Direct	349,191	450,000	450,000	450,000	Printing Services
325	Various Vendors	1,395				Printing Services
	Total Class 325	350,586	450,000	450,000	450,000	
326	Staples Corporation	6,651	10,000	10,000	10,000	Promotional and novelty items
326	Various Vendors	714				Promo items - community outreach
326	TBD '21, '22		72,000	72,000	72,000	Promo items - community outreach
	Total Class 326	7,365	82,000	82,000	82,000	
504	UESF	500,000	500,000	500,000	500,000	Assistance to Low Income Customers
	Total Class 504	500,000	500,000	500,000	500,000	

71-530 (Program Based Budgeting Version)

CITY OF PHILADELPHIA		PERFORMANCE MEASURES AND RACIAL EQUITY		
FISCAL 2022 OPERATING BUDGET				
Department	No.	Program	No.	
Water	28	Planning & Environmental Services	42	
Program Description				
<p>This program manages the Green City, Clean Waters Program and other Safe Drinking Water and Clean Water Act regulatory compliance obligations. It provides comprehensive and strategic planning and research support for the Department. This program also manages laboratory services to support compliance and quality initiatives, as well as materials analysis for capital projects and Procurement.</p>				
Program Objectives				
<p>a) This program will continue to utilize integrated planning, strategic, and adaptive management approaches to support PWD's capital needs to ensure long-term resilience and achieving regulatory compliance obligations associated with the Safe Drinking Water Act, Clean Water Act, and numerous drinking water quality and source water protection regulations.</p> <p>b) This program will continue to implement initiatives leading towards attainment of the Green City, Clean Water program's WQBEL Performance Standards through: planning and design of green stormwater infrastructure; planning support for traditional infrastructure; coordination with numerous City agencies, private entities, non-profit advocacy organizations, and other partners to implement green infrastructure; and regulatory planning and compliance simulations and evaluations utilizing water quality, hydrodynamic, hydraulic, and hydrologic models.</p> <p>c) This program will continue to ensure PWD's drinking water, wastewater and stormwater systems are resilient to the impacts of climate change by carrying out vulnerability and risk assessments using the best available climate science, mainstreaming the use of climate information in PWD planning and design processes, and supporting the development of cost-effective adaptation strategies that leverage existing programs and long-term plans.</p> <p>d) This program will continue to focus on the implementation and update of existing master plans and advance concepts for future master plans, such as the Wastewater Master plan, the Drinking Water Main Replacement Plan and the Sewer Replacement Plan.</p> <p>e) This program will also continue to maintain PWD's environmental laboratories as safe, secure, professional, State-accredited, innovative laboratories that can support PWD's growth.</p>				
Performance Measures				
Description	Fiscal 2020 Year-End	Fiscal 2021 Year-to-Date (Q1 + Q2)	Fiscal 2021 Target	Fiscal 2022 Target
(1)	(2)	(3)	(4)	(5)
Constructed greened acres	157	62	350	250
<p><u>Comments:</u> Due to the effects of the COVID-19 pandemic, construction was halted in Q3 and Q4 of FY20. The beginning of FY21 continues to see impacts from the pandemic resulting in fewer constructed green acres. Also, construction completion of Greened Acres is not a linear process. Despite low progress in Q1 the Department is prioritizing the completion of Greened Acres necessary to meet regulatory obligations by the end of the fiscal year.</p>				
Number of Green Acres Design Completed per year	311	27	275	275
<p><u>Comments:</u> This measure has been impacted by the COVID-19 pandemic.</p>				
Analyses performed by PWD's Bureau of Laboratory Services per year	399,218	87,206	400,000	400,000
<p><u>Comments:</u></p>				
Sites Inspections completed per month	325	264	400	400
<p><u>Comments:</u> Due to the effects of the COVID-19 pandemic, monthly site inspections performed at private properties installing stormwater management practices to confirm compliance with the approved design were less than targeted.</p>				
<p><u>Comments:</u></p>				

71-53EZ (Program Based Budgeting Version)

CITY OF PHILADELPHIA				PROGRAM SUMMARY - ALL FUNDS		
FISCAL 2022 OPERATING BUDGET						
Department		No.	Program		No.	
Water		28	Planning & Environmental Services		42	
Summary by Fund						
Fund No.	Fund	Fiscal 2020 Actual Obligations	Fiscal 2021 Original Appropriations	Fiscal 2021 Estimated Obligations	Fiscal 2022 Proposed Budget	Increase or (Decrease)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
02	Water	36,691,070	36,234,196	36,275,433	39,659,701	3,384,268
Total		36,691,070	36,234,196	36,275,433	39,659,701	3,384,268
Summary of Full Time Positions by Fund						
Fund No.	Fund	Actual Positions 6/30/20	Fiscal 2021 Budgeted	Increment Run PPE 12/21/20	Fiscal 2022 Budgeted	Inc. / (Dec.) (Col. 6 less 4)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
02	Water	232	259	222	274	15
Total Full Time		232	259	222	274	15
Summary of Non-Tax Revenues by Fund						
Fund No.	Fund	Fiscal 2020 Actual Revenues	Fiscal 2021 Original Budget	Fiscal 2021 Estimate	Fiscal 2022 Proposed Budget	Increase or (Decrease)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Total						
Selected Associated Capital Projects						
Dept. Where Appropriated	Description	Carry Forward	Fiscal 2021 Original Approp. (GO Only)	Fiscal 2021 Original Approp. (All Other Sources)	Fiscal 2022 Proposed Budget (GO Only)	Fiscal 2022 Proposed Bdg (All Other Sources)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Total						
Selected Associated Operating Costs						
Dept. Where Appropriated	Description	Fiscal 2020 Calculated Obligations	Fiscal 2021 Calculated Appropriations	Fiscal 2021 Calculated Obligations	Fiscal 2022 Calculated Budget	Increase or (Decrease)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Finance	Employee Benefits - Civilian	6,579,461	6,476,492	6,736,558	7,818,722	1,082,164
Finance	Employee Benefits - Uniform					
Total		6,579,461	6,476,492	6,736,558	7,818,722	1,082,164

71-53E (Program Based Budgeting Version)

CITY OF PHILADELPHIA			PROGRAM SUMMARY			
FISCAL 2022 OPERATING BUDGET						
Department	No.	Program			No.	
Water	28	Planning & Environmental Services			42	
Fund	No.					
Water	02					
Summary by Class						
Class	Description	Fiscal 2020 Actual Obligations	Fiscal 2021 Original Appropriations	Fiscal 2021 Estimated Obligations	Fiscal 2022 Proposed Budget	Increase or (Decrease)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
100	Employee Compensation					
a)	Personal Services	17,491,236	17,914,396	17,955,633	20,686,301	2,730,668
b)	Employee Benefits					
200	Purchase of Services	17,460,835	16,160,000	16,160,000	16,654,600	494,600
300	Materials and Supplies	1,405,580	1,640,000	1,640,000	1,775,000	135,000
400	Equipment	333,419	519,800	519,800	543,800	24,000
500	Contributions, Indemnities and Taxes					
700	Debt Service					
800	Payments to Other Funds					
900	Advances and Misc. Payments					
Total		36,691,070	36,234,196	36,275,433	39,659,701	3,384,268
Summary of Positions						
Code	Category	Actual Positions 6/30/20	Fiscal 2021 Budgeted Positions	Increment Run PPE 12/21/20	Fiscal 2022 Budgeted Positions	Increase or (Decrease)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
101	Full Time - Civilian	232	259	222	274	15
105	Full Time - Uniform					
Total		232	259	222	274	15
Selected Associated Non-Tax Revenues by Type						
Description	Fiscal 2020 Actual Revenues	Fiscal 2021 Original Budget	Fiscal 2021 Estimate	Fiscal 2022 Proposed Budget	Increase or (Decrease)	
(1)	(2)	(3)	(4)	(5)	(6)	
Local (Non-Governmental)						
Federal						
State						
Other Governments						
Other Funds of the City						
Total						

71-53F (Program Based Budgeting Version)

CITY OF PHILADELPHIA
FISCAL 2022 OPERATING BUDGET

SCHEDULE 100
LIST OF POSITIONS
BY PROGRAM

Department	No.	Program	No.
Water	28	Planning & Environmental Services	42
Fund	No.		
Water	02		

Line No. (1)	Class Code (2)	Title (3)	Salary Range (in dollars) (4)	Fiscal 2020 Actual Pos. 6/30/20 (5)	Fiscal 2021 Budgeted Positions (6)	Increment Run -PPE 12/21/20 (7)	Fiscal 2022 Budgeted Positions (8)	Annual Salary 7/1/21 (9)	Increase (Decrease) (Col. 8 less Col. 6) (10)
PLANNING & RESEARCH									
1	1A04	Clerk 3	40,589 - 44,289				1	44,289	1
2	2L10	Administrative Assistant - Non-Confidential	41,886 - 53,848		1				(1)
3	2L11	Administrative Assistant - Confidential	42,934 - 55,193				1	55,193	1
4	3B04	Graduate Civil Engineer	57,955	1					
5	3B05	Civil Engineer 1	55,976 - 62,975	3	1	5	2	125,950	1
6	3B06	Civil Engineer 2	60,985 - 68,619				2	137,638	2
7	3B07	Graduate Engineer	57,955				1	57,955	1
8	3B60	Graduate Environmental Engineer	57,955	1			1	57,955	1
9	3B61	Environmental Engineer 1	55,976 - 62,975	3	5	3	1	62,975	(4)
10	3B62	Environmental Engineer 2	60,985 - 68,619	1	1	2	2	137,238	1
11	3B63	Environmental Engineer 3	69,409 - 89,241	2	2	2	2	178,482	
12	3B64	Environmental Engineer 4	84,839 - 109,073	3	3	3	3	327,219	
13	3B71	Construction Engineer 1	69,409 - 89,241	1					
14	3B74	Engineering Specialist	63,256 - 81,322	7	6	5	8	650,576	2
15	3B75	Staff Engineer 1	67,718 - 87,064	1	1	1	1	87,064	
16	3B76	Staff Engineer 2	96,433 - 102,110	1		1	1	102,110	1
17	3B79	Design And Construction Proj Mgr	96,433 - 102,110	1					
18	3B81	Engineering Supervisor 1	69,409 - 89,241	1	2		2	178,482	
19	3B82	Engineering Supervisor 2	79,414 - 102,110		1	1	2	204,220	1
20	3C26	Water Engin. Planning and Research Mgr.	92,407 - 118,800	1	1	1	1	118,800	
21	3E02	City Planner 1	41,886 - 53,848				1	53,848	1
22	3E04	City Planner 3	67,935 - 76,422	1					
23	3E05	City Planner Supervisor	79,326 - 89,241	1	2	2	2	178,482	
24	3H11	Graduate Environmental Scientist	50,200	1					
25	3H12	Environmental Scientist 1	41,886 - 53,848	1	2	2	2	107,696	
26	3H29	Staff Scientist 2	79,414 - 102,110	1	1	1	1	102,110	
27	6D21	Security Officer 1	40,589 - 44,289	1		1			
Subtotal Planning & Research				33	29	30	37	2,968,282	8
OFFICE OF WATERSHEDS									
28	2L10	Administrative Assistant - Non Confidential	41,886 - 53,848	1	1	1	1	53,848	
29	3B04	Graduate Civil Engineer	57,955	1		1			
30	3B05	Civil Engineer 1	55,976 - 62,975				2	125,950	2
31	3B06	Civil Engineer 2	60,985 - 68,619	1	2				(2)
32	3B60	Graduate Mechanical Engineer	57,955	1					
33	3B61	Environmental Engineer 1	55,976 - 62,975	2	6	1			(6)
34	3B62	Environmental Engineer 2	60,985 - 68,619			1	2	137,238	2
35	3B63	Environmental Engineer 3	69,409 - 89,241	4	4	4	4	356,964	
36	3B64	Environmental Engineer 4	84,839 - 109,073		1		1	109,073	
37	3B74	Engineering Specialist	63,256 - 81,322	6	6	6	9	731,898	3
38	3B75	Staff Engineer 1	67,718 - 87,064	1	4	2	2	174,128	(2)
39	3B76	Staff Engineer 2	96,433 - 102,110	1	1	1	1	102,110	

71-531 (Program Based Budgeting Version)

CITY OF PHILADELPHIA
FISCAL 2022 OPERATING BUDGET

SCHEDULE 100
LIST OF POSITIONS
BY PROGRAM

Department	No.	Program	No.
Water	28	Planning & Environmental Services	42
Fund	No.		
Water	02		

Line No. (1)	Class Code (2)	Title (3)	Salary Range (in dollars) (4)	Fiscal 2020 Actual Pos. 6/30/20 (5)	Fiscal 2021 Budgeted Positions (6)	Increment Run -PPE 12/21/20 (7)	Fiscal 2022 Budgeted Positions (8)	Annual Salary 7/1/21 (9)	Increase (Decrease) (Col. 8 less Col. 6) (10)
40	3B81	Engineering Supervisor 1	69,409 - 89,241	1	1	1	1	89,241	
41	3B83	Water Engineering Assistant Manager	84,839 - 109,073				1	109,073	1
42	3C26	Water Engin. Planning and Research Mgr.	92,407 - 118,800	1	1	1	1	118,800	
43	3E05	City Planner Supervisor	79,326 - 89,241		1		1	89,241	
44	3E06	City Planner Manager	90,758 - 102,110	1	1	1	1	102,110	
45	3E21	Geographic Info Systems Specialist 2	53,368 - 68,619	1		1			
46	3E22	Geographic Info Systems Specialist 3	67,718 - 87,064		1		1	87,064	
47	3H12	Environmental Scientist I	41,886 - 53,848		1		2	107,696	1
48	3H13	Environmental Scientist 2	53,368 - 68,619	3	2	3	1	68,619	(1)
49	3H14	Environmental Scientist Supervisor	69,409 - 89,241	1	2	1	2	178,482	
50	3H16	Environmental Scientist Specialist	59,453 - 76,422	3	3	2	2	152,844	(1)
51	3H28	Staff Scientist 1	67,718 - 87,064		1				(1)
52	3H29	Staff Environmental Scientist 2	79,414 - 102,110	1	1	1	2	204,220	1
53	3H79	Administrative Scientist	84,839 - 109,073	2	2	2	2	218,146	
54	D250	Deputy Commissioner	122,596 - 122,596		1		1	122,596	
55	4J60	Industrial Hygienist	64,837 - 83,355	1	1	1	1	83,355	
Subtotal Office of Watersheds				33	44	31	41	3,522,696	(3)
BUREAU OF LABORTORY SERVICES									
56	1A04	Clerk 3	40,589 - 44,289	2	3	1	3	132,867	
57	1A22	Clerical Supervisor 2	42,769 - 46,786	1	1	1	1	46,786	
58	1E07	LAN Administrator	63,256 - 81,322	2	1	1	1	81,322	
59	1E58	Scientific Applications Systems Analyst	67,718 - 87,064		1				(1)
60	1E75	Programmer Analyst 1	46,852 - 60,240		1				(1)
61	1E76	Programmer Analyst 2	53,368 - 68,619	1			1	68,619	1
62	1E77	Programmer Analyst 3	59,543 - 76,422			1			
63	2L20	Administrative Officer	54,706 - 70,334	1	1	1	1	70,334	
64	3A17	Construction Projects Technician 1	47,163 - 51,885				1	51,885	1
65	3A18	Construction Projects Technician 2	51,293 - 56,571	3	4	3	3	169,713	(1)
66	3A19	Construction Projects Technician 3	56,663 - 62,664	1	1	1	1	62,664	
67	3B04	Graduate Civil Engineer	57,955		1		1	57,955	
68	3B57	Materials Testing Laboratory Supervisor	69,409 - 89,241	2	2	2	2	178,482	
69	3B58	Materials Testing Laboratory Manager	84,839 - 109,073	1	1	1	1	109,073	
70	3B60	Graduate Environmental Engineer	57,955				1	57,955	1
71	3B62	Environmental Engineer 2	60,985 - 68,619	1	2				(2)
72	3B64	Environmental Engineer 4	84,839 - 109,073	2	2	2	2	218,146	
73	3B71	Construction Engineer 1	69,409 - 89,241	1	1	1	1	89,241	
74	3B74	Engineering Specialist	63,256 - 81,322	4	3	4	4	325,288	1
75	3B75	Staff Engineer 1	67,718 - 87,064			1	1	87,064	1
76	3B82	Engineering Supervisor 2	79,414 - 102,110	1	1	1	1	102,110	
77	3G31	Chemical Technician Supervisor	42,934 - 55,193	8	9	9	9	496,737	
78	3G32	Science Technician	43,857 - 48,063	24	24	20	24	1,153,512	
79	3H11	Graduate Environmental Scientist	50,200		1		2	100,400	1

71-531 (Program Based Budgeting Version)

CITY OF PHILADELPHIA
FISCAL 2022 OPERATING BUDGET

SCHEDULE 100
LIST OF POSITIONS
BY PROGRAM

Department	No.	Program	No.
Water	28	Planning & Environmental Services	42
Fund	No.		
Water	02		

Line No. (1)	Class Code (2)	Title (3)	Salary Range (in dollars) (4)	Fiscal 2020 Actual Pos. 6/30/20 (5)	Fiscal 2021 Budgeted Positions (6)	Increment Run -PPE 12/21/20 (7)	Fiscal 2022 Budgeted Positions (8)	Annual Salary 7/1/21 (9)	Increase (Decrease) (Col. 8 less Col. 6) (10)
80	3H12	Environmental Scientist 1	41,886 - 53,848			1			
81	3H13	Environmental Scientist 2	53,368 - 68,619	4	8	4	3	205,857	(5)
82	3H14	Environmental Scientist Supervisor	69,409 - 89,241	3	5	3	3	267,723	(2)
83	3H16	Environmental Scientist Specialist	59,453 - 76,422	4	3	4	5	382,110	2
84	3H18	Lab Program Scientist	59,453 - 76,422	9	10	9	15	1,146,330	5
85	3H25	Graduate Chemist	50,200	1	2	1			(2)
86	3H26	Analytical Chemist 1	41,886 - 53,848	3	4	3	1	53,848	(3)
87	3H27	Analytical Chemist 2	53,368 - 68,619	7	4	7	7	480,333	3
88	3H29	Staff Environmental Scientist 2	79,414 - 102,110	2	1	2	2	204,220	1
89	3H30	Analytical Chemist Supervisor	69,409 - 89,241	4	4	4	6	535,446	2
90	3H31	Mass Spectrometist	56,131 - 72,161	4	2	4	1	72,161	(1)
91	3H38	Laboratory Director	92,407 - 118,800	1	1	1	1	118,800	
92	3H79	Administrative Scientist	84,839 - 109,073	3	3	3	3	327,219	
93	7D01	General Departmental Worker	33,060 - 35,481	1	1	1	1	35,481	
94	7D11	Custodial Worker 1	33,060 - 35,481	3	3	4	3	106,443	
95	7D12	Custodial Worker 2	35,743 - 38,783		2		1	38,783	(1)
96	7D14	Custodial Worker Supervisor	44,833 - 49,200	1	1		1	49,200	
97	7K63	Electronic Technician 1	44,833 - 49,200				2	98,400	2
98	7K64	Electronic Technician 2	51,293 - 56,571		1				(1)
99	7K68	Electrical Technician Group Leader	54,667 - 60,388	1	1	1	1	60,388	
100	7N72	Ground & Facilities Maintenance Worker 2	39,379 - 42,914	1					
Subtotal Bureau of Laboratory Services				107	116	102	117	7,842,895	1
GREEN STORMWATER INFRASTRUCTURE IMPLEMENTATION									
101	2L01	Administrative Technician	36,910 - 47,465		1	1			(1)
102	2L10	Administrative Assistant - Non-Confidential	41,886 - 53,848	1			1	53,848	1
103	2L31	Admin Specialist 1 - Non Confidential	41,886 - 53,848		1				(1)
104	2L32	Admin Specialist 2 - Non Confidential	53,368 - 68,619	1	1	1	1	68,619	
105	3A17	Construction Projects Technician 1	47,163 - 51,885	2	1				(1)
106	3A18	Construction Projects Technician 2	51,293 - 56,571	1		2			
107	3A19	Construction Projects Technician 3	56,663 - 62,664		3				(3)
108	3B04	Graduate Civil Engineer	57,955	3	3	2	1	57,955	(2)
109	3B05	Civil Engineer 1	55,976 - 62,975	6	6	7	2	125,950	(4)
110	3B06	Civil Engineer 2	60,985 - 68,619	3	4	1	3	205,857	(1)
111	3B61	Environmental Engineer 1	55,976 - 62,975			1			
112	3B63	Environmental Engineer 3	69,409 - 89,241	1	1	1			(1)
113	3B64	Environmental Engineer 4	84,839 - 109,073	2	2	2			(2)
114	3B71	Construction Engineer 1	69,409 - 89,241	1		1			
115	3B72	Construction Engineer 2	79,414 - 102,110		1				(1)
116	3B74	Engineering Specialist	63,256 - 81,322	10	10	13	8	650,576	(2)
117	3B75	Staff Engineer 1	67,718 - 87,064		1				(1)
118	3B79	Design and Construction Projects Manager	96,433 - 102,110		1	1	1	102,110	
119	3B81	Engineering Supervisor 1	69,409 - 89,241	1	5		5	446,205	

CITY OF PHILADELPHIA
FISCAL 2022 OPERATING BUDGET

SCHEDULE 100
LIST OF POSITIONS
BY PROGRAM

Department	No.	Program	No.
Water	28	Planning & Environmental Services	42
Fund	No.		
Water	02		

Line No. (1)	Class Code (2)	Title (3)	Salary Range (in dollars) (4)	Fiscal 2020 Actual Pos. 6/30/20 (5)	Fiscal 2021 Budgeted Positions (6)	Increment Run -PPE 12/21/20 (7)	Fiscal 2022 Budgeted Positions (8)	Annual Salary 7/1/21 (9)	Increase (Decrease) (Col. 8 less Col. 6) (10)
120	3B82	Engineering Supervisor 2	79,414 - 102,110	3	5	3	4	408,440	(1)
121	3B83	Water Engineering Projects Assistant Mgr.	84,839 - 109,073				2	218,146	2
122	3C08	Water Engineering Assistant Manager	96,609 - 124,207				1	124,207	1
123	3C26	Water Engin. Planning and Research Mgr.	92,407 - 118,800	1	1	1	1	118,800	
124	3D05	Architectural Projects Coordinator 2	56,131 - 72,161	1		1			
125	3D10	Architectural Projects Coordinator 3	63,256 - 81,322		2		2	162,644	
126	3E03	City Planner 2	53,368 - 68,619	2		2	1	68,619	1
127	3E04	City Planner 3	67,935 - 76,422	5	6	5	6	458,532	
128	3E05	City Planner Supervisor	79,326 - 89,241	2	3	2	2	178,482	(1)
129	3E06	City Planner Manager	90,758 - 102,110	1	1	1	1	102,110	
130	3E20	Geographic Info Systems Specialist 1	46,852 - 60,240	1					
131	3E21	Geographic Info Systems Specialist 2	53,368 - 68,619	1	2	1	2	137,238	
132	3E22	Geographic Info Systems Specialist 3	67,718 - 87,064	2	2	2	2	174,128	
133	3E23	Geographic Info Systems Manager	79,414 - 102,110		1		1	102,110	
134	3H11	Graduate Environmental Scientist	50,200	1		1	1	50,200	1
135	3H12	Environmental Scientist 1	41,886 - 53,848	1		1			
136	3H13	Environmental Scientist 2	53,368 - 68,619		1				(1)
137	3H14	Environmental Scientist Supervisor	69,409 - 89,241	1	1	1			(1)
138	3H16	Environmental Scientist Specialist	59,453 - 76,422	2	1	2			(1)
139	3H28	Staff Environmental Scientist 1	67,718 - 87,064	1	2	1			(2)
140	3H29	Staff Environmental Scientist 2	79,414 - 102,110				1	102,110	1
141	6G28	Construction Trades Inspector	51,293 - 56,571	1	1	1			(1)
142	7J15	Machinery and Equipment Mechanic	45,931 - 50,469	1		1			
Subtotal Green Stormwater Infrastructure Implementation				59	70	59	49	4,116,886	(21)
DEVELOPMENT SERVICES UNIT									
143	3A01	Engineering Aide 1	37,067 - 40,288				2	80,576	2
144	3A11	Engineering Technician 1	45,931 - 50,469				1	50,469	1
145	3A17	Construction Projects Technician 1	47,163 - 51,885				1	51,885	1
146	3A18	Construction Projects Technician 2	51,293 - 56,571				1	56,571	1
147	3A19	Construction Projects Technician 3	56,663 - 62,664				1	62,664	1
148	3A30	Engineering Aide Trainee	35,743 - 38,783				1	38,783	1
149	3B05	Civil Engineer 1	55,976 - 62,975				1	62,975	1
150	3B06	Civil Engineer 2	60,985 - 68,619				6	411,714	6
151	3B71	Construction Engineer 1	69,409 - 89,241				1	89,241	1
152	3B81	Engineering Supervisor 1	69,409 - 89,241				2	178,482	2
153	3B82	Engineering Supervisor 2	79,414 - 102,110				1	102,110	1
154	3B83	Water Engineering Projects Assistant Mgr.	84,839 - 109,073				1	109,073	1
155	3C26	Water Engin. Planning and Research Mgr.	92,407 - 118,800				1	118,800	1
156	3H11	Graduate Environmental Scientist	50,200				1	50,200	1
157	3H12	Environmental Scientist I	41,886 - 53,848				2	107,696	2
158	3H13	Environmental Scientist 2	53,368 - 68,619				1	68,619	1
159	3H14	Environmental Scientist Supervisor	69,409 - 89,241				2	178,482	2

71-531 (Program Based Budgeting Version)

CITY OF PHILADELPHIA
FISCAL 2022 OPERATING BUDGET

SCHEDULE 100
LIST OF POSITIONS
BY PROGRAM

Department Water	No. 28	Program Planning & Environmental Services	No. 42
Fund Water	No. 02		

Line No. (1)	Class Code (2)	Title (3)	Salary Range (in dollars) (4)	Fiscal 2020 Actual Pos. 6/30/20 (5)	Fiscal 2021 Budgeted Positions (6)	Increment Run -PPE 12/21/20 (7)	Fiscal 2022 Budgeted Positions (8)	Annual Salary 7/1/21 (9)	Increase (Decrease) (Col. 8 less Col. 6) (10)
160	3H16	Environmental Scientist Specialist	59,453 - 76,422				2	152,844	2
161	3H29	Staff Environmental Scientist 2	79,414 - 102,110				1	102,110	1
162	6G28	Construction Trades Inspector	51,293 - 56,571				1	56,571	1
		Subtotal Development Services Unit					30	2,129,865	30
		Totals		232	259	222	274	20,580,624	15

71-531 (Program Based Budgeting Version)

CITY OF PHILADELPHIA
FISCAL 2022 OPERATING BUDGET

SCHEDULE 100
LIST OF POSITIONS
BY PROGRAM

Department Water	No. 28	Program Planning & Environmental Services	No. 42
Fund Water	No. 02		

Line No. (1)	Class Code (2)	Title (3)	Salary Range (in dollars) (4)	Fiscal 2020 Actual Pos. 6/30/20 (5)	Fiscal 2021 Budgeted Positions (6)	Increment Run -PPE 12/21/20 (7)	Fiscal 2022 Budgeted Positions (8)	Annual Salary 7/1/21 (9)	Inc. (Dec.) (Col. 8 less Col. 6) (10)
1	101	Total Full Time		232	259	222	274	20,580,624	15
2	103	Lump Sum Separation Payments						160,000	
3	121	Temporary						420,000	
4	161	Regular Overtime						330,000	
5	171	H&L, IOD, LT-Sick						36,000	
6	181	Shift Differential						11,000	
Total Gross Requirements				232	259	222	274	21,537,624	15
Plus: Earned Increment								63,660	
Plus: Longevity								7,656	
Less: (Vacancy Allowance)								(922,639)	
Total Budget Request								20,686,301	

Summary of Personal Services

Line No. (1)	Category (2)	Fiscal 2020		Fiscal 2021			Fiscal 2022		Inc. / (Dec.) in Require. (Col. 9 less Col. 6) (10)	Inc. / (Dec.) in Bud. Pos. (Col. 8 less Col. 5) (11)
		Actual Positions 6/30/20 (3)	Actual Obligations (4)	Budgeted Positions (5)	Estimated Obligations (6)	Increment Run -PPE 12/21/20 (7)	Budgeted Positions (8)	Department Request (9)		
1	Lump Sum		56,592		160,000			160,000		
2	Full Time - Civilian	232	16,602,222	259	16,998,633	222	274	19,729,301	2,730,668	15
3	Full Time - Uniform									
4	Bonus, Gross Adj.		6,974							
5	PT, Temp/Seas, Bd, SCG		438,392		420,000			420,000		
6	Overtime - Civilian		367,258		330,000			330,000		
7	Overtime - Uniform									
8	Unused Uniform Leave									
9	Shift/Stress		6,123		11,000			11,000		
10	H&L, IOD, LT-Sick		13,675		36,000			36,000		
11										
12										
Total		232	17,491,236	259	17,955,633	222	274	20,686,301	2,730,668	15

71-53J (Program Based Budgeting Version)

CITY OF PHILADELPHIA			SCHEDULE 300 - 400			
FISCAL 2022 OPERATING BUDGET			MATERIALS, SUPPLIES & EQUIPMENT BY PROGRAM			
Department		No.	Program			No.
Water		28	Planning & Environmental Services			42
Fund		No.				
Water		02				
Code	Description	Fiscal 2020 Actual Obligations	Fiscal 2021 Original Appropriations	Fiscal 2021 Estimated Obligations	Fiscal 2022 Departmental Request	Increase or (Decrease)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Schedule 300 - Materials & Supplies						
301	Agricultural & Botanical	908	5,000	5,000	10,000	5,000
302	Animal, Livestock & Marine					
303	Bakeshop, Dining Room & Kitchen					
304	Books & Other Publications	2,675	25,000	25,000	17,000	(8,000)
305	Building & Construction	10,385	57,000	57,000	57,000	
306	Library Materials					
307	Chemicals & Gases	138,849	118,000	118,000	116,000	(2,000)
308	Dry Goods, Notions & Wearing Apparel	12,941	27,000	27,000	27,000	
309	Cordage & Fibers		2,000	2,000	2,000	
310	Electrical & Communication	38,753	78,000	78,000	48,000	(30,000)
311	General Equipment & Machinery		6,000	6,000	4,000	(2,000)
312	Fire Fighting & Safety	6,022	12,000	12,000	12,000	
313	Food					
314	Fuel - Heating & Cooling		12,000	12,000	12,000	
316	General Hardware & Minor Tools	7,765	17,000	17,000	19,000	2,000
317	Hospital & Laboratory	710,426	663,000	663,000	835,000	172,000
318	Janitorial, Laundry & Household	15,229	8,000	8,000	7,000	(1,000)
320	Office Materials & Supplies	11,208			2,000	2,000
322	Small Power Tools & Hand Tools	49,693	47,000	47,000	47,000	
323	Plumbing, AC & Space Heating	34,851	52,000	52,000	52,000	
324	Precision, Photographic & Artists	363,117	477,000	477,000	477,000	
325	Printing	86	10,000	10,000	10,000	
326	Recreational & Educational		3,000	3,000	3,000	
328	Vehicle Parts & Accessories	43	5,000	5,000	2,000	(3,000)
335	Lubricants					
340	#2 Diesel Fuel					
341	Compressed Natural Gas (CNG)					
342	Liquid Propane Gas (LPG)					
345	Gasoline					
399	Other Materials & Supplies (not otherwise classified)	2,629	16,000	16,000	16,000	
	Total	1,405,580	1,640,000	1,640,000	1,775,000	135,000
Schedule 400 - Equipment						
405	Construction, Dredging & Conveying					
410	Electrical, Lighting & Communications		26,000	26,000	26,000	
411	General Equipment & Machinery	828	4,000	4,000	4,000	
412	Fire Fighting & Emergency		300	300	300	
417	Hospital & Laboratory	307,740	390,500	390,500	425,500	35,000
420	Office Equipment					
423	Plumbing, AC & Space Heating	731				
424	Precision, Photographic & Artists	386	18,000	18,000	18,000	
426	Recreational & Educational					
427	Computer Equipment & Peripherals	355				
428	Vehicles	3,846				
430	Furniture & Furnishings	17,359				
499	Other Equipment (not otherwise classified)	2,174	81,000	81,000	70,000	(11,000)
	Total	333,419	519,800	519,800	543,800	24,000

71-53L (Program Based Budgeting Version)

**CITY OF PHILADELPHIA
FISCAL 2022 OPERATING BUDGET**

**SUPPORTING DETAIL:
PROFESSIONAL SERVICES AND
CARE OF INDIVIDUALS, BY PROGRAM**

Department Water	No. 28	Program Planning & Environmental Services	No. 42
Fund Water	No. 02		

Class (1)	Description (2)	Fiscal 2020 Actual Obligations (3)	Fiscal 2021 Original Appropriation (4)	Fiscal 2021 Estimated Obligations (5)	Fiscal 2022 Department Request (6)	Increase or (Decrease) (7)
250s	Professional Services (250-254, 257-259)	16,456,522	14,395,000	14,395,000	14,643,000	248,000
290	Payments for Care of Individuals					

Minor Object Code	Name of Contractor or Provider	Fiscal 2020 Actual Obligations	Fiscal 2021 Original Appropriation	Fiscal 2021 Estimated Obligations	Fiscal 2022 Department Request	Describe purpose or scope of service provided. Include, if applicable, unit cost of service.
250	AKRF, Inc.	325,000				SW Tech Support, Graphic Website Development and Outreach
250	AECOM		400,000	400,000	450,000	Waste Water Master Planning-Update revamping (goals and integration) H&H INTF
250	Arcadis US, Inc	115,000				Consult. for facil. & doc. of capital planning
250	Brown & Caldwell	365,000				Sustainable Utility Water Planning/ Water Master Planning
250	Brown & Caldwell	150,000	180,000	180,000	180,000	Contam. warning system exercises and drills
250	CDM Smith	1,700,000	1,900,000	1,900,000	1,900,000	Water Resources Regulatory Compliance Spt.
250	CMC Energy Services, Inc	1,500				Use PCR tech. to eval. the Schuylkill River in ways that are predicted to be req. in 5-10 yrs.
250	Cornwell Engineering Group	100,000	100,000	100,000	130,000	Analysis of pipe scale for corrosion control determination
250	CSL Services	1,350,000				Estuarine Data Acq. and Modeling Support
250	Drexel University	234,000				Research Leading Edge Perform. Data and Innovative Green Strmwtr Infrastr. Installations
250	EA Engineering Science	60,000	60,000	60,000	60,000	Whole Effluent Toxicity Testing (wastewater)
250	Environmental Science, Policy & Research Inst.	460,000	460,000	460,000	460,000	Water quality, reg. issues, and related Cons.
250	Eurofins Eaton Laboratories	48,670	60,000	60,000	60,000	Emerging chemicals and UCMR testing
250	Greely and Hansen - 1700	275,000	50,000	50,000	50,000	Wastewater Master Planning - Air emission modeling support
250	Greely and Hansen		150,000	150,000	150,000	Facilitation of Dissolved Oxygen Partnership in The Delaware River basin
250	Hazen & Sawyer	330,000				Wastewater Planning Staff Support
250	HDR Engineering Incorporated	400,000	350,000	350,000	350,000	Research Support Services
250	Johnson, Mirmaran & Thompson	594,000				Post-const. inspections of devel. projects for CO&A, MS4 and PWD Reg. compliance
250	Keystone Engineering	350,000	425,000	425,000	425,000	Provide prof. engineering & design, systems integration, fabrication, install., svc. in support of the water departments' online water quality and contamination monitoring networks.
250	Laboratory Testing		32,000	32,000		Materials Analytical Testing to support Procurement's specification compliance
250	Lehigh University	120,000				Longterm 2 Enhanced Surface Water Tx Rule Research Contract for Watershed Control Plan Compliance - transferred from BLS
250	M & M Lawn Care East Inc.	11,310	15,000	15,000	15,000	Landscaping
250	Mott MacDonald	40,000				Engineering Management and Consulting
250	Mondre Energy	175,000	100,000	100,000	150,000	Energy support services

71-53N (Program Based Budgeting Version)

CITY OF PHILADELPHIA
FISCAL 2022 OPERATING BUDGET

SUPPORTING DETAIL:
PROFESSIONAL SERVICES AND
CARE OF INDIVIDUALS, BY PROGRAM

Department Water	No. 28	Program Planning & Environmental Services	No. 42
Fund Water	No. 02		

Class (1)	Description (2)	Fiscal 2020 Actual Obligations (3)	Fiscal 2021 Original Appropriation (4)	Fiscal 2021 Estimated Obligations (5)	Fiscal 2022 Department Request (6)	Increase or (Decrease) (7)
250s	Professional Services (250-254, 257-259)	16,456,522	14,395,000	14,395,000	14,643,000	248,000
290	Payments for Care of Individuals					

Minor Object Code	Name of Contractor or Provider	Fiscal 2020 Actual Obligations	Fiscal 2021 Original Appropriation	Fiscal 2021 Estimated Obligations	Fiscal 2022 Department Request	Describe purpose or scope of service provided. Include, if applicable, unit cost of service.
250	Partnership for the Delaware Estuary	135,000	135,000	135,000	155,000	Citywide Stormwater Education Prog. & Facilitation of the Schuylkill Action Network
250	Public Health Management Corp.		80,000	80,000	80,000	PWD support a Surveillance Coordr in DPH's Acute Communicable Disease program.
250	Rodriguez Consulting LLC	912,444	850,000	850,000	850,000	Reg consulting svcs- review & insp. of dev. projects for CO&A, MS4, and PWD SW Regs compliance
250	Sage Services	1,650,000	1,750,000	1,750,000	1,750,000	Drinking Water Supply Protection/ Delaware Valley Early Warning System Support
250	Sci Tek Environmental Services Co.	400,000	400,000	400,000	400,000	Linear Asset Planning Staff Support
250	Sci Tek Environmental Services Co.	1,920,000	2,000,000	2,000,000	2,000,000	Hydraulic and Hydrologic Data Analytics
250	Suburban Testing Lab. Inc.	240,000	200,000	200,000	232,000	Environmental Testing
250	Tactile Group	150,000	50,000	50,000	100,000	PWDPlanReview.org Support & Maintenance
250	Temple University	120,000	120,000	120,000	120,000	Devel. testing markers to better det. Where human sewage contamination is impacting our streams. This will move into the devel. of PCR capabilities to enhance the lab capabilities for doing PCR testing.
250	Tetra-Tech	170,000	200,000	200,000	200,000	Water Qual. Model Soft. Devel. Expert Svcs.
250	The Davey Tree Expert Company		5,000	5,000	5,000	Tree pruning/cutting to care for BLS property
250	The Research Foundation				100,000	Leveraged and Facilitated Research
250	TBD '21		40,000	40,000		Analysis of pipe scale for corrosion control determinations
250	TBD '21, '22		500,000	500,000	500,000	Post-containment Inspection for CO&A, MS4 and PWD Reg CC>
250	TBD '21, '22		350,000	350,000	350,000	GSI Mon. Data Analysis and Collection Spt.
250	TBD '21, '22		650,000	650,000	650,000	Conduct flow mon. to quantify & characterize SW and sanitary wastewater through combined and sanitary sewers
250	TBD '21, '22		100,000	100,000	100,000	Leveraged & facil. research - Tailored collab
250	TBD '21, '22		100,000	100,000	100,000	Research Leading Edge Perform. Data & Innovative Green Strmwtr Infrastr. Installations
250	Townscapes Incorporated		5,000	5,000	5,000	Landscape mgmt. to care for BLS property
250	U.S. Department of the Interior	298,235	325,000	325,000	325,000	Stream Gauge Stations and Groundwater Monitoring Stations
250	US Army Corp of Engineers (USACE)	236,500	118,000	118,000	106,000	Continuing Authorities Program (50/50 split) for Eastwick Flood study.
250	USDA	70,000	70,000	70,000	70,000	Source Water Protect. - Wildlife Mgmt. (OoW)
250	Vieux & Associates, Inc.	75,000	75,000	75,000	75,000	Radar - Rainfall Precip Monitoring
250	Villanova University	275,000				Research on Design related Issues - Green Stormwater Infrastructure

71-53N (Program Based Budgeting Version)

**CITY OF PHILADELPHIA
FISCAL 2022 OPERATING BUDGET**

**SUPPORTING DETAIL:
PROFESSIONAL SERVICES AND
CARE OF INDIVIDUALS, BY PROGRAM**

Department Water	No. 28	Program Planning & Environmental Services	No. 42
Fund Water	No. 02		

Class (1)	Description (2)	Fiscal 2020 Actual Obligations (3)	Fiscal 2021 Original Appropriation (4)	Fiscal 2021 Estimated Obligations (5)	Fiscal 2022 Department Request (6)	Increase or (Decrease) (7)
250s	Professional Services (250-254, 257-259)	16,456,522	14,395,000	14,395,000	14,643,000	248,000
290	Payments for Care of Individuals					

Minor Object Code	Name of Contractor or Provider	Fiscal 2020 Actual Obligations	Fiscal 2021 Original Appropriation	Fiscal 2021 Estimated Obligations	Fiscal 2022 Department Request	Describe purpose or scope of service provided. Include, if applicable, unit cost of service.
250	Water Department and Others	696				Petty Cash and Others
250	Water Research Foundation	100,000				Non-Profit facilitation of workshops, onsite visits, written reports on emerging issues affecting drinking water & Wastewater.
250	Weeds Incorporated	8,202	20,000	20,000	20,000	Invasive Plant Species Management
250	Whitman, Requardt & Associates LLP	119,783				Planning and engineering services to supp. the Capital Planning Process
250	Woods Hole Group Inc	1,850,000	1,950,000	1,950,000	1,950,000	Estuarine Data Acquisition and Modeling Spt.
	Total Class 250	15,935,340	14,375,000	14,375,000	14,623,000	
251	Spruce Technology	150,000				Stormwater planning applications
251	Brinkman Instruments	11,803				Laboratory equip. and Scientific instruments
	Total Class 251	161,803				
257	Arcadis US Inc	74,379				Planning and engineering services to support the Capital Planning Process
257	Mott MacDonald	255,000				Capital Improvement
257	Weston Solution Inc.	30,000	20,000	20,000	20,000	Landfill
	Total Class 257	359,379	20,000	20,000	20,000	

71-53N (Program Based Budgeting Version)

CITY OF PHILADELPHIA
FISCAL 2022 OPERATING BUDGET

SUPPORTING DETAIL:
CLASSES OTHER THAN
250s AND 290, BY PROGRAM

Department	No.	Program	No.
Water	28	Planning & Environmental Services	42
Fund	No.		
Water	02		

Minor Object Code	Name of Contractor or Provider	Fiscal 2020 Actual Obligations	Fiscal 2021 Original Appropriation	Fiscal 2021 Estimated Obligations	Fiscal 2022 Department Request	Describe purpose or scope of service provided. Include, if applicable, unit cost of service.
255	American Biogas Council (ABC)	1,200				Annual Membership
255	American Water Resources Association (AWRA)	350				Annual Local Chapter Membership
255	American Water Works Association	23,434				Utility Association
255	ISLE Inc.	40,800				Urban Green Development Org.
255	McNees, Wallace, & Nurick, LLC	30,000				Legal - Quarterly Membership
255	Schuylkill River Greenway Association	100,000				Mgmt Org. for the Schuylkill River
						Natl & State Heritage Area
255	Temple WET Center	30,000				Annual Membership
255	Water Environment Federation	10,372				Membership dues
255	Water Resource Association	5,500				Membership dues
255	Various Vendors	35,178				Membership dues
	Total Class 255	276,834				
256	Adam Hendricks	680				Research Summit
256	American Water Works Association	3,065				Conferences
256	Various Vendors	90,736				Conferences
	Total Class 256	94,481				
260	Agilent Technologies Inc.	127,125	145,000	145,000	145,000	Maintenance - Analytical Equip.
260	Charles W Romano Company	38,737	138,000	138,000	138,000	Calibration
260	Remi Group LLC	35,248	15,000	15,000	50,000	Equip. maintenance mgmt program
260	PDIR Inc		40,000	40,000	40,000	ATI Equipment, Repairs and Parts
260	Quality Medical Group	18,470	34,000	34,000	34,000	Maintenance - Scientific Equip.
260	Teledyne Instruments Inc.		68,000	68,000	68,000	Precision Measurement Instr.
260	Miller Optical		21,000	21,000	21,000	Srv. of microscopes and acess.
260	Tyco Security		17,000	17,000	17,000	Maint. of HVAC, bldg controls and energy storage
260	YSI		8,000	8,000	8,000	Maint. - Monitoring instruments
260	ATI		30,000	30,000		Maint. - Scientific Equipment
260	TBD '21, '22		800,000	800,000	1,000,000	Reqs. contract for small scale GSI installation - Contract Labor
260	Various Vendors	138,620	81,000	81,000	64,400	Repair and Maintenance
	Total Class 260	358,200	1,397,000	1,397,000	1,585,400	
285	Vehicle Leasing Associates LLC	4,312	85,000	85,000	115,000	Leasing of Vehicles
285	Various Vendors	21,568				Leasing of Vehicles and Equip.
285	Various Vendors	60,026	13,000	13,000	13,000	Leasing of Vehicles
	Total Class 285	85,906	98,000	98,000	128,000	
299	Various Employees	93,925	106,800	106,800	128,000	Class 214 - Education Expenses
299	Various Vendors		71,200	71,200	71,200	Class 214 - Education Expenses
	Total Class 299	93,925	178,000	178,000	199,200	

71-530 (Program Based Budgeting Version)

CITY OF PHILADELPHIA
FISCAL 2022 OPERATING BUDGET

SUPPORTING DETAIL:
CLASSES OTHER THAN
250s AND 290, BY PROGRAM

Department	No.	Program	No.
Water	28	Planning & Environmental Services	42
Fund	No.		
Water	02		

Minor Object Code	Name of Contractor or Provider	Fiscal 2020 Actual Obligations	Fiscal 2021 Original Appropriation	Fiscal 2021 Estimated Obligations	Fiscal 2022 Department Request	Describe purpose or scope of service provided. Include, if applicable, unit cost of service.
305	Donato Spaventa & Sons Inc	521				Small site construction contracts
305	Various Vendors		7,000	7,000	7,000	Various construction projects
305	Pennsylvania Steel Company	9,864				Small site construction contracts
305	TBD '21, '22		50,000	50,000	50,000	Construction of online WQ monitoring stations
	Total Class 305	10,385	57,000	57,000	57,000	
307	Nalco U.S.2Inc	36,777				Gases
307	Praxair Distribution Mid-Atlantic LLC	86,189	70,000	70,000	70,000	Chemicals
307	Res-Kem LLC		30,000	30,000	30,000	Chemicals
307	Various Vendors	15,883	18,000	18,000	16,000	Gases & Chemicals
	Total Class 307	138,849	118,000	118,000	116,000	
310	Colonial Electrical Supply	30,081	25,000	25,000	25,000	Upgrades in lighting
310	Various Vendors	8,671	53,000	53,000	23,000	Electrical supplies
	Total Class 310	38,752	78,000	78,000	48,000	
317	Fisher Scientific CO LLC	579,181	430,000	430,000	600,000	Laboratory/Science Supplies
317	IDEXX Distribution INC	90,798	150,000	150,000	150,000	IDEXX Laboratory Supplies
317	Various Vendors	40,447	83,000	83,000	85,000	Laboratory Supplies
	Total Class 317	710,426	663,000	663,000	835,000	
323	Ferguson Enterprises	33,397				On-line WQ stations
323	TBD '20, '21, '22	1,454	52,000	52,000	52,000	Online WQ stations
	Total Class 323	34,851	52,000	52,000	52,000	
324	HACH Company	112,000	125,000	125,000	125,000	Hach Company Parts
324	Multi-Measurements	7,589	125,000	125,000	125,000	YSI Instruments
324	WACO Instruments	129,000				Compliance and Risk Mgmt. tools
324	PDIR INC		145,000	145,000	145,000	ATI Equipment
324	Y S I Inc	105,000	70,000	70,000	70,000	Scientific Instruments
324	Various Vendors	9,528	12,000	12,000	12,000	Various Visual Instruments
	Total Class 324	363,117	477,000	477,000	477,000	
417	Fisher Scientific CO LLC	100,000	100,000	100,000	300,000	Laboratory Equipment
417	Brinkmann Instruments Inc	68,107				Laboratory Equipment
417	Thermo Electron North America LLC	74,899				Laboratory Equipment
417	I Miller Precision Optical		15,000	15,000	15,000	Scientific Equipment
417	YSI	63,335	40,000	40,000	40,000	YSI Scientific Equipment
417	TBD '21, '22		231,500	231,500	55,500	Laboratory Equipment
417	Various Vendors	1,399	4,000	4,000	15,000	Hospital and Labortory
	Total Class 417	307,740	390,500	390,500	425,500	

71-530 (Program Based Budgeting Version)

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Water		28	Planning & Environmental Services		42	
Fund		No.				
Water		02				
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499	Contract Cleaners	129	2,000	2,000	2,000	Janitorial & Laundry-Class 418
499	Various Vendors	955				Kitchen equipment-Class 403
499	2B Accessibility	1,090	5,000	5,000	5,000	Software equipment
499	TBD '21		54,000	54,000		Boat purchase
499	Oquawka Boats & Fabrications Inc.				43,000	Generator, fish ladder equipment, boat equipment
499	TBD '21, '22		20,000	20,000	20,000	Other equipment
	Total Class 499	2,174	81,000	81,000	70,000	

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