

Deanne M. O'Dell  
717.255.3744  
dodell@eckertseamans.com

February 1, 2021

**Via Electronic Filing**

Rosemary Chiavetta, Secretary  
PA Public Utility Commission  
P.O. Box 3265  
Harrisburg, PA 17105-3265

Re: The Pittsburgh Water and Sewer Authority's Long-Term Infrastructure Improvement  
Plan Annual Progress Report for 12-Month Period Ended December 31, 2020  
Docket No. P-2018-3005037 (Water) and P-2018-3005039 (Wastewater)

Dear Secretary Chiavetta:

Enclosed for electronic filing please find The Pittsburgh Water and Sewer Authority's  
("PWSA") Long-Term Infrastructure Improvement Plan ("LTIP") Annual Progress Report for  
12-Month Period Ended December 31, 2020 with regard to the above-referenced matter. Copies  
to be served in accordance with the attached Certificate of Service.

Sincerely,



Deanne M. O'Dell

DMO/lww

Enclsoure

cc: Cert. of Service w/enc.

## CERTIFICATE OF SERVICE

I hereby certify that this date I served a copy of PWSA's LTIIP Annual Progress Report for 12-Month Period Ended Dec. 31, 2020 upon the persons listed below in the manner indicated in accordance with the requirements of 52 Pa. Code Section 1.54.

### **Via Email Only**

Paul Diskin  
Daniel Searfoorce  
Technical Utility Services  
PA Public Utility Commission  
P.O. Box 3265  
Harrisburg, PA 17105-3265  
[pdiskin@pa.gov](mailto:pdiskin@pa.gov)  
[dsearfoorc@pa.gov](mailto:dsearfoorc@pa.gov)

Erin Gannon  
Christine Maloni Hoover  
Office of Consumer Advocate  
Office of Consumer Advocate  
555 Walnut St., 5th Fl., Forum Place  
Harrisburg, PA 17101-1923  
[egannon@paoca.org](mailto:egannon@paoca.org)  
[choover@paoca.org](mailto:choover@paoca.org)

Sharon Webb, Esq.  
Erin K. Fure, Esq.  
Office of Small Business Advocate  
Forum Place Building  
555 Walnut Street, 1st Floor  
Harrisburg, PA 17101  
[swebb@pa.gov](mailto:swebb@pa.gov)

Gina L. Miller, Esq.  
John M. Coogan, Esq.  
Bureau of Investigation & Enforcement  
Commonwealth Keystone Building  
400 North St., 2nd Floor West  
Harrisburg, PA 17120  
[ginmiller@pa.gov](mailto:ginmiller@pa.gov)  
[jcoogan@pa.gov](mailto:jcoogan@pa.gov)



---

Deanne M. O'Dell, Esq.

Dated: February 1, 2021

**The Pittsburgh Water and Sewer Authority’s  
Long-Term Infrastructure Improvement Plan Annual Progress Report for 12-  
Month Period Ended December 31, 2020**

**I. INTRODUCTION**

Created by the City of Pittsburgh in 1984 pursuant to the Municipality Authorities Act,<sup>1</sup> the Pittsburgh Water and Sewer Authority (“PWSA”) operates the largest combined water and sewer authority in Pennsylvania producing an average of 70 million gallons of treated water daily and providing service to more than 300,000 residents as well as up to 520,000 people during working hours in total throughout the City of Pittsburgh and surrounding communities. PWSA’s water supply and distribution system consists of a 117 million gallon per day conventional flocculation, sedimentation and rapid sand process treatment plant, 930 miles of water mains and more than 81,000 service lines, more than 25,900 line valves, more than 7,300 fire hydrants, twelve pumping stations, one membrane filtration retreatment plant, five reservoirs, and eleven storage tanks. PWSA’s wastewater collection and conveyance system consists of 1,200 miles of sewer lines, approximately 25,000 stormwater catch basins and four pump stations that are designed to carry both storm and sanitary flows.

Effective April 1, 2018, PWSA became subject to the Commission’s jurisdiction.<sup>2</sup> PWSA filed a combined water and sewer Long-Term Infrastructure Plan (“LTIP”) on September 28, 2018 which was approved by Commission order entered August 27, 2020.<sup>3</sup> Pursuant to these LTIP approval orders, PWSA submits this Annual Progress Report in lieu of an Annual Optimization Plan (“AAOP”), which is required by 52 Pa. Code § 121.6.<sup>4</sup>

---

1 52 Pa.C.S. §§ 5601-5632.

2 66 Pa. C.S. § 3202.

3 *Petition of Pittsburgh Water and Sewer Authority for Approval of its Amended Long-Term Infrastructure Improvement Plan for its Water Operations*, Docket No. P-2018-3005037, Opinion and Order entered August 27, 2020; and, *Petition of Pittsburgh Water and Sewer Authority for Approval of its Amended Long-Term Infrastructure Improvement Plan for its Wastewater Operations*, Docket No. P-2018-3005039, Opinion and Order entered August 27, 2020.

4 PWSA received approval for a water and wastewater Distribution System Improvement Charge (“DSIC”) effective January 14, 2021. *Pennsylvania Public Utility Commission v. Pittsburgh Water and Sewer*

**The Pittsburgh Water and Sewer Authority's  
Long-Term Infrastructure Improvement Plan Annual Progress Report for 12-  
Month Period Ended December 31, 2020**

**II. UPDATED TABLES REGARDING WATER AND WASTEWATER SYSTEM  
ELIGIBLE PROPERTY PROJECT SCHEDULE AND COSTS**

The following attached tables have been updated to reflect costs for the 12-month period ending December 31, 2020 (“FY 2020”) and to present updated projected annual expenditures for FY 2021 through FY 2024:

- Table 2-6: Water System Eligible Properties Project Schedule and Costs
- Table 3-6: Sewer System Eligible Properties Project Schedule and Costs
- Table 4-2: Water/Sewer Hybrid Eligible Properties Project Schedule and Costs

**III. LEAD SERVICE LINE REPLACEMENT PROJECT**

The Commission also directed PWSA to provide an update on the progress of its Lead Service Line Replacement (“LSLR”) Program. Table 2-7 presented the Anticipated Timetable for Removal of Lead Service Lines by 2026 in the LTIIP. Pursuant to Table 2-7, PWSA envisioned replacing 6,811 public lead service lines by the end of 2020; as of that date PWSA has been successful in replacing 8,191 or about 20 percent more than planned.

PWSA provides quarterly progress reports regarding its LSLR Program in its Quarterly Compliance Plan Progress Reports filed at Docket Number M-2018-2640802. The most recently filed Quarter 4 2020 Report includes a copy of the November 13, 2020 Lead Program Quarterly Progress Report that PWSA is required to provide to the Department of Environmental Protection. By way of further updates, PWSA’s service line inventory was recently updated and presented to the Pennsylvania Department of Environmental Protection at the end of 2020.

---

*Authority*, Docket Nos. R-2020-3017951 (water) and R-2020-3017970 (wastewater) Order entered December 3, 2020 at Ordering Paragraph 10. Therefore, PWSA will file an AAOP for its water and wastewater in March 2021.

**The Pittsburgh Water and Sewer Authority's  
Long-Term Infrastructure Improvement Plan Annual Progress Report for 12-  
Month Period Ended December 31, 2020**

Additionally, PWSA is currently working on a requirement of its Lead Infrastructure Plan to file a plan by March 31, 2021 to identify how PWSA will locate and replace remaining known LSLs in our system and other details. Finally, PWSA's DSIC did not become effective until January 14, 2021 and, therefore DSIC funding was not available in 2020 to assist in accelerating the LSLR program as part of the Small Diameter Water Main Replacement (SDWMR) program. PWSA continues to evaluate the DSIC funding that will become available to assess which projects could most benefit and will provide updates in future AAOP reports.

**PWSA LTIIP Table 2-6**  
**Water System Eligible Properties Project Schedule and Costs**

**Table 2-6  
Water System Eligible Properties Project Schedule and Costs**

Project Name	PROJECTED ANNUAL EXPENDITURES (2020 DOLLARS)					
	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	Total Budget
2019 Hydrant Replacement (Annual IDIQ Contract)	\$ 51,646.69	\$ -	\$ -	\$ -	\$ -	\$ 51,647
2020 Hydrant Replacement (Annual IDIQ Contract)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2021 Hydrant Replacement (Annual IDIQ Contract)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2022 Hydrant Replacement (Annual IDIQ Contract)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2023 Hydrant Replacement (Annual IDIQ Contract)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2024 Hydrant Replacement (Annual IDIQ Contract) <sup>1</sup>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Subtotal for Hydrant Replacement</b>	<b>\$ 51,646.69</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 51,647</b>
2019 Valve Replacement (Annual IDIQ Contract)	\$ 439,917.89	\$ -	\$ -	\$ -	\$ -	\$ 439,918
2020 Valve Replacement (Annual IDIQ Contract)	\$ 1,384,940.89	\$ 998,333	\$ -	\$ -	\$ -	\$ 2,383,274
2021 Valve Replacement (Annual IDIQ Contract)	\$ -	\$ 500,000	\$ 300,000	\$ -	\$ -	\$ 800,000
2022 Valve Replacement (Annual IDIQ Contract)	\$ -	\$ -	\$ 1,000,000	\$ 708,816	\$ -	\$ 1,708,816
2023 Valve Replacement (Annual IDIQ Contract)	\$ -	\$ -	\$ -	\$ 2,233,333	\$ 1,116,667	\$ 3,350,000
2024 Valve Replacement (Annual IDIQ Contract) <sup>1</sup>	\$ -	\$ -	\$ -	\$ -	\$ 5,006,667	\$ 5,006,667
<b>Subtotal for Valve Replacement</b>	<b>\$ 1,824,858.78</b>	<b>\$ 1,498,333</b>	<b>\$ 1,300,000</b>	<b>\$ 2,942,149</b>	<b>\$ 6,123,334</b>	<b>\$ 13,688,675</b>
2018 Water Relay (Annual IDIQ Contract)	\$ 510,447.08	\$ -	\$ -	\$ -	\$ -	\$ 510,447
2019 Water Relay (Annual IDIQ Contract)	\$ 1,188,527.73	\$ -	\$ -	\$ -	\$ -	\$ 1,188,528
2020 Water Relay (Annual IDIQ Contract)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2021 Water Relay (Annual IDIQ Contract)	\$ -	\$ 863,750	\$ 863,750	\$ -	\$ -	\$ 1,727,500
2022 Water Relay (Annual IDIQ Contract)	\$ -	\$ -	\$ 900,000	\$ 900,000	\$ -	\$ 1,800,000
2023 Water Relay (Annual IDIQ Contract)	\$ -	\$ -	\$ -	\$ 940,000	\$ 940,000	\$ 1,880,000
2024 Water Relay (Annual IDIQ Contract)	\$ -	\$ -	\$ -	\$ -	\$ 940,000	\$ 940,000
<b>Subtotal for Water Relay Replacement</b>	<b>\$ 1,698,974.81</b>	<b>\$ 863,750</b>	<b>\$ 1,763,750</b>	<b>\$ 1,840,000</b>	<b>\$ 1,880,000</b>	<b>\$ 8,046,475</b>
2018 Small Diameter Water Main Replacement	\$ 742,317.67	\$ -	\$ -	\$ -	\$ -	\$ 742,318
2019 Small Diameter Water Main Replacement	\$ 2,066,834.88	\$ 11,918,082	\$ -	\$ -	\$ -	\$ 13,984,917
2020 Small Diameter Water Main Replacement	\$ 12,261,123.85	\$ 25,120,626	\$ -	\$ -	\$ -	\$ 37,381,750

**Table 2-6  
Water System Eligible Properties Project Schedule and Costs**

Project Name	PROJECTED ANNUAL EXPENDITURES (2020 DOLLARS)					Total Budget
	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	
2021 Small Diameter Water Main Replacement	\$ 451,567.27	\$ 7,300,000	\$ 10,950,643	\$ -		\$ 18,702,210
2022 Small Water Diameter Main Replacement	\$ -	\$ 1,500,000	\$ 6,000,000	\$ 11,500,000	\$ -	\$ 19,000,000
2023 Small Diameter Water Main Replacement	\$ -	\$ -	\$ 3,000,000	\$ 14,000,000	\$ 21,000,000	\$ 38,000,000
2024 Small Diameter Water Main Replacement <sup>1</sup>	\$ -	\$ -	\$ -	\$ 13,145,977	\$ 40,489,609	\$ 53,635,586
<b>Subtotal for Small Diameter Water Main Replacement</b>	<b>\$ 15,521,843.67</b>	<b>\$ 45,838,708</b>	<b>\$ 19,950,643</b>	<b>\$ 38,645,977</b>	<b>\$ 61,489,609</b>	<b>\$ 181,446,781</b>
2019 Large Diameter Water Main Improvements - Risin	\$ 767,627.45	\$ -	\$ -	\$ -	\$ -	\$ 767,627
2020 Large Diameter Water Replacement Program - Fd	\$ 68,592.25	\$ 5,500,000	\$ -	\$ -	\$ -	\$ 5,568,592
2021 Large Water Main Replacement	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2022 Large Water Main Replacement	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2023 Large Water Main Replacement <sup>1</sup>	\$ -	\$ -	\$ -	\$ 2,248,276	\$ 8,655,862	\$ 10,904,138
2024 Large Water Main Replacement <sup>1</sup>	\$ -	\$ -	\$ -	\$ -	\$ 2,710,345	\$ 2,710,345
<b>Subtotal for Large Diameter Water Main Replacement</b>	<b>\$ 836,219.70</b>	<b>\$ 5,500,000</b>	<b>\$ -</b>	<b>\$ 2,248,276</b>	<b>\$ 11,366,207</b>	<b>\$ 19,950,703</b>



**Table 2-6  
Water System Eligible Properties Project Schedule and Costs**

Project Name	PROJECTED ANNUAL EXPENDITURES (2020 DOLLARS)					Total Budget
	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	
2019 Unmetered and Flat Rate Properties	\$ 231,670.01	\$ -	\$ -	\$ -	\$ -	\$ 231,670
2020 Unmetered and Flat Rate Properties	\$ -	\$ 1,441,278	\$ 879,922	\$ -	\$ -	\$ 2,321,200
2021 Unmetered and Flat Rate Properties	\$ -	\$ 107,286	\$ 864,767	\$ 527,947	\$ -	\$ 1,500,000
<b>Subtotal for Unmetered and Flat Rate Properties</b>	<b>\$ 231,670.01</b>	<b>\$ 1,548,564</b>	<b>\$ 1,744,689</b>	<b>\$ 527,947</b>	<b>\$ -</b>	<b>\$ 4,052,870</b>
2019 Large Meter Replacement	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2020 Large Meter Replacement	\$ 121,223.06	\$ 335,235	\$ -	\$ -	\$ -	\$ 456,458
2021 Large Meter Replacement	\$ -	\$ 1,177,684	\$ 639,207	\$ -	\$ -	\$ 1,816,891
2022 Large Meter Replacement	\$ -	\$ -	\$ 1,070,207	\$ 683,052	\$ -	\$ 1,753,259
2023 Large Meter Replacement	\$ -	\$ -	\$ -	\$ 862,979	\$ 500,000	\$ 1,362,979
2024 Large Meter Replacement <sup>1</sup>	\$ -	\$ -	\$ -	\$ -	\$ 1,085,000	\$ 1,085,000
<b>Subtotal for Large Meter Replacement</b>	<b>\$ 121,223.06</b>	<b>\$ 1,512,919</b>	<b>\$ 1,709,414</b>	<b>\$ 1,546,031</b>	<b>\$ 1,585,000</b>	<b>\$ 6,474,587</b>
2019 Small Meter Replacement	\$ 105,628.50	\$ -	\$ -	\$ -	\$ -	\$ 105,629
2020 Small Meter Replacement	\$ 527,265.00	\$ 255,000	\$ -	\$ -	\$ -	\$ 782,265
2021 Small Meter Replacement	\$ -	\$ 1,102,684	\$ 639,207	\$ -	\$ -	\$ 1,741,891
2022 Small Meter Replacement	\$ -	\$ -	\$ 1,157,178	\$ 683,052	\$ -	\$ 1,840,230
2023 Small Meter Replacement	\$ -	\$ -	\$ -	\$ 1,038,054	\$ 650,000	\$ 1,688,054
2024 Small Meter Replacement <sup>1</sup>	\$ -	\$ -	\$ -	\$ -	\$ 1,000,000	\$ 1,000,000
<b>Subtotal for Small Meter Replacement</b>	<b>\$ 632,893.50</b>	<b>\$ 1,357,684</b>	<b>\$ 1,796,385</b>	<b>\$ 1,721,106</b>	<b>\$ 1,650,000</b>	<b>\$ 7,158,069</b>

**Table 2-6  
Water System Eligible Properties Project Schedule and Costs**

Project Name	PROJECTED ANNUAL EXPENDITURES (2020 DOLLARS)					Total Budget
	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	
2018 Lead Service Line Replacement	\$ 4,194,175.64	\$ 3,111,200	\$ -	\$ -	\$ -	\$ 7,305,376
2019 Lead Service Line Replacement	\$ 24,605,805.78	\$ -	\$ -	\$ -	\$ -	\$ 24,605,806
<b>Subtotal for Lead Service Line Replacement</b>	<b>\$ 28,799,981.42</b>	<b>\$ 3,111,200</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 31,911,181</b>
District Water and Pressure Meters	\$ 161,375.74	\$ 485,135	\$ -	\$ 1,455,404	\$ -	\$ 2,101,915
Pressure Monitor Line Installation	\$ 263,156.00	\$ -	\$ -	\$ -	\$ -	\$ 263,156
Aspinwall Pump Station to Lanpher Reservoir Rising Main	\$ 1,856,283.16	\$ 5,000,000	\$ 16,661,613	\$ 34,338,387	\$ -	\$ 57,856,283
Bruecken Pump Station Valve Vault	\$ 587,322.04	\$ -	\$ -	\$ -	\$ -	\$ 587,322
Low Pressure Area Remediation	\$ -	\$ 1,029,259	\$ 1,093,445	\$ 170,654	\$ -	\$ 2,293,358
Bus Rapid Transit (BRT) Water Distribution	\$ 1,154,813.72	\$ 9,200,000	\$ 2,300,000	\$ -	\$ -	\$ 12,654,814
Bates Street Waterline Relay	\$ 772,838.35	\$ -	\$ -	\$ -	\$ -	\$ 772,838
<b>TOTAL</b>	<b>\$ 54,515,100.65</b>	<b>\$ 76,945,552.00</b>	<b>\$ 48,319,939.00</b>	<b>\$ 85,435,931.00</b>	<b>\$ 84,094,150.00</b>	<b>\$ 349,310,672.65</b>

1. Project Expenditures will continue past 2024.

**PWSA LTIIP Table 3-6**  
**Sewer System Eligible Properties Project Schedule and Costs**

**Table 3-6  
Sewer System Eligible Properties Project Schedule and Costs**

Project Name	PROJECTED ANNUAL EXPENDITURES (2020 DOLLARS)					Total Budget
	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	
2016 Sewer Lining (Annual IDIQ Contract)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2018 Small Diameter Sewer Rehabilitation (Annual IDIQ Contract)	\$ 229,181.76	\$ -	\$ -	\$ -	\$ -	\$ 229,182
2019 Small Diameter Sewer Rehabilitation (Defined Sites)	\$ 1,076,976.95	\$ 482,961	\$ -	\$ -	\$ -	\$ 1,559,938
2020 Small Diameter Sewer Rehabilitation (Annual IDIQ Contract)	\$ 820,807.71	\$ 11,493,705	\$ 2,916,832	\$ -	\$ -	\$ 15,231,345
2021 Small Diameter Sewer Rehabilitation (Annual IDIQ Contract)	\$ 229,903.26	\$ 6,582,901	\$ 12,081,232	\$ -	\$ -	\$ 18,894,036
2022 Small Diameter Sewer Rehabilitation (Annual IDIQ Contract)	\$ -	\$ 940,000	\$ 8,150,000	\$ 2,750,000	\$ -	\$ 11,840,000
2023 Small Diameter Sewer Rehabilitation (Annual IDIQ Contract)	\$ -	\$ -	\$ 1,454,800	\$ 12,554,292	\$ 6,990,908	\$ 21,000,000
2024 Small Diameter Sewer Rehabilitation (Annual IDIQ Contract) <sup>1</sup>	\$ -	\$ -	\$ -	\$ 1,540,800	\$ 13,133,472	\$ 14,674,272
<b>Subtotal for Small Diameter Sewer Rehab</b>	<b>\$ 2,356,869.68</b>	<b>\$ 19,499,567</b>	<b>\$ 24,602,864</b>	<b>\$ 16,845,092</b>	<b>\$ 20,124,380</b>	<b>\$ 83,428,773</b>
2020 Large Diameter Sewer Rehabilitation	\$ 102,370.63	\$ 1,187,158	\$ 2,443,473	\$ -	\$ -	\$ 3,733,002
2021 Large Diameter Sewer Rehabilitation	\$ -	\$ 1,024,333	\$ 3,105,667	\$ -	\$ -	\$ 4,130,000
2022 Large Diameter Sewer Rehabilitation	\$ -	\$ -	\$ 842,000	\$ 2,430,000	\$ -	\$ 3,272,000
2023 Large Diameter Sewer Rehabilitation	\$ -	\$ -	\$ -	\$ 1,087,000	\$ 3,293,000	\$ 4,380,000
2024 Large Diameter Sewer Rehabilitation (Annual IDIQ Contract) <sup>1</sup>	\$ -	\$ -	\$ -	\$ -	\$ 1,144,190	\$ 1,144,190
<b>Subtotal for Large Diameter Sewer Rehabilitation</b>	<b>\$ 102,370.63</b>	<b>\$ 2,211,491</b>	<b>\$ 6,391,140</b>	<b>\$ 3,517,000</b>	<b>\$ 4,437,190</b>	<b>\$ 16,659,192</b>
2016 Sewer Relay	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2018 Sewer Reconstruction (Annual IDIQ Contract)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2019 Sewer Reconstruction (Annual IDIQ Contract)	\$ 1,070,178.91	\$ 51,930	\$ -	\$ -	\$ -	\$ 1,122,109
2020 Sewer Reconstruction (Annual IDIQ Contract)	\$ 70,913.85	\$ 918,244	\$ -	\$ -	\$ -	\$ 989,158
2021 Sewer Reconstruction (Annual IDIQ Contract)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2022 Sewer Reconstruction (Annual IDIQ Contract)	\$ -	\$ -	\$ 999,979	\$ 750,021	\$ -	\$ 1,750,000
2023 Sewer Reconstruction (Annual IDIQ Contract)	\$ -	\$ -	\$ -	\$ 1,091,123	\$ 805,080	\$ 1,896,203
2024 Sewer Reconstruction (Annual IDIQ Contract) <sup>1</sup>	\$ -	\$ -	\$ -	\$ -	\$ 1,074,920	\$ 1,074,920
<b>Subtotal for Sewer Reconstruction (Annual IDIQ Contract)</b>	<b>\$ 1,141,092.76</b>	<b>\$ 970,174</b>	<b>\$ 999,979</b>	<b>\$ 1,841,144</b>	<b>\$ 1,880,000</b>	<b>\$ 6,832,390</b>
2018 Sewers Under Structures	\$ -	\$ 1,833,151	\$ 3,333,405	\$ 519,444	\$ -	\$ 5,686,000

**Table 3-6  
Sewer System Eligible Properties Project Schedule and Costs**

Project Name	PROJECTED ANNUAL EXPENDITURES (2020 DOLLARS)					Total Budget
	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	
2019 Sewers Under Structures	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2020 Sewers Under Structures	\$ 238,071.98	\$ 1,248,000	\$ 7,555,635	\$ 4,159,365	\$ -	\$ 13,201,072
2021 Sewers Under Structures	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2022 Sewer Under Structures (Annual IDIQ Contract) <sup>1</sup>	\$ -	\$ -	\$ 191,571	\$ 766,286	\$ 4,445,408	\$ 5,403,265
2023 Sewer Under Structures (Annual IDIQ Contract) <sup>1</sup>	\$ -	\$ -	\$ -	\$ 197,571	\$ 790,286	\$ 987,857
2024 Sewer Under Structures (Annual IDIQ Contract) <sup>1</sup>	\$ -	\$ -	\$ -	\$ -	\$ 204,429	\$ 204,429
<b>Subtotal for Sewer Under Structures</b>	<b>\$ 238,071.98</b>	<b>\$ 3,081,151</b>	<b>\$ 11,080,611</b>	<b>\$ 5,642,666</b>	<b>\$ 5,440,123</b>	<b>\$ 25,482,623</b>
Tide Gate Installations <sup>1</sup>	\$ -	\$ -	\$ -	\$ -	\$ 2,000,000	\$ 2,000,000
2019 Wastewater System Improvements	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
31st Ward Sewer Systems <sup>1</sup>	\$ 3,198,549.41	\$ 2,904,302	\$ 348,961	\$ 450,000	\$ 150,000	\$ 7,051,812
Ivyglen and Odette Sewer Reconstruction and Separation Project	\$ 1,757.25	\$ -	\$ -	\$ -	\$ -	\$ 1,757
<b>TOTAL</b>	<b>\$ 7,038,711.71</b>	<b>\$ 28,666,685.00</b>	<b>\$ 43,423,555.00</b>	<b>\$ 28,295,902.00</b>	<b>\$ 34,031,693.00</b>	<b>\$ 141,456,546.71</b>

1. Project Expenditures will continue past 2024.

**PWSA LTIIP Table 4-2**  
**Water/Sewer Hybrid Eligible Properties Project Schedule and Costs**

**Table 4-2  
Water/Sewer Hybrid Eligible Properties Project Schedule and Costs**


Project Name	PROJECTED ANNUAL EXPENDITURES (2020 DOLLARS)					Total Budget
	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	
Utility Cost Share <sup>1</sup>	\$ -	\$ 450,000	\$ 100,000	\$ 500,000	\$ 500,000	\$ 1,550,000
Maytide Storm and Sanitary Sewer System Improvements	\$ 1,790.30	\$ 2,000,000	\$ 1,500,000	\$ 1,096,798	\$ -	\$ 4,598,588
Smallman Street Reconstruction	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>TOTAL</b>	\$ <b>1,790.30</b>	\$ <b>2,450,000.00</b>	\$ <b>1,600,000.00</b>	\$ <b>1,596,798.00</b>	\$ <b>500,000.00</b>	\$ <b>6,148,588.30</b>

1. Project Expenditures will continue past 2024.

**VERIFICATION**

I, Jennifer Presutti, hereby state that: (1) I am the Chief Operating Officer for The Pittsburgh Water and Sewer Authority (“PWSA”); (2) the facts set forth in the attached progress report are true and correct (or are true and correct to the best of my knowledge, information and belief); and, (3) I expect to be able to prove the same at a hearing held in this matter. I understand that the statements herein are made subject to the penalties of 18 Pa. C.S. § 4904 (relating to unsworn falsification to authorities).

Date: 02.01.2021

  
\_\_\_\_\_  
Jennifer Presutti  
Chief Operating Officer  
The Pittsburgh Water and Sewer Authority