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March 24, 2020

Via Electronic Filing

Rosemary Chiavetta, Secretary
Pennsylvania Public Utility Commission
400 North Street
Harrisburg, PA 17120

Re: Pennsylvania Public Utility Commission v. Philadelphia Gas Works;
Docket No. R-2020-3017206

Dear Secretary Chiavetta:

On February 28, 2020, Philadelphia Gas Work's ("PGW") filed a Base Rate Case with the Commission at the above docket. In Volume I (Part 2 of 3) of the Base Rate Case Filing in response to Initial Filing Requirement II.A.13, PGW inadvertently provided incomplete copies of the following budget summaries: (1) PGW's Fiscal Year 2020 Compliance Capital Budget and Forecast; (2) PGW's Fiscal Year 2020 Compliance Operating Budget Filing; and (3) PGW's Fiscal Year 2021 Capital Budget and Forecast. Enclosed please find complete copies of the aforementioned budgets, labeled II.A.13 Revised.

Should you have any questions or concerns regarding this matter, please feel free to contact me.

Sincerely,

/s/ Sarah C. Stoner

Sarah C. Stoner

Enclosure

cc: Certificate of Service
Graciela Christlieb, Senior Attorney, PGW (via email)

CERTIFICATE OF SERVICE

I hereby certify that this day I served a copy of the foregoing upon the persons listed below in the manner indicated in accordance with the requirements of 52 Pa. Code Section 1.54.

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Dated: March 24, 2020

/s/ Sarah C. Stoner
Sarah C. Stoner, Esq.

PHILADELPHIA GAS WORKS

**COMPLIANCE
FISCAL 2020 CAPITAL BUDGET
AND
FORECAST FISCAL 2021 - 2025
WITH
FISCAL 2020 FINANCING PLAN**

APRIL 12, 2019



PHILADELPHIA GAS WORKS

PROPOSED
CAPITAL BUDGET

FISCAL YEAR 2020 AND FORECAST 2021 THROUGH 2025

	COMPLIANCE 2020 <u>CAPITAL BUDGET</u>	2021 - 2025 <u>FORECAST</u>	<u>TOTAL 6 YEARS</u>
<u>GAS PROCESSING</u>			
ADDITIONS	270,000	3,150,000	3,420,000
REPLACEMENTS	<u>3,182,000</u>	<u>36,795,100</u>	<u>39,977,100</u>
TOTAL	<u><u>3,452,000</u></u>	<u><u>39,945,100</u></u>	<u><u>43,397,100</u></u>
<u>DISTRIBUTION</u>			
ADDITIONS	13,920,000	75,969,000	89,889,000
REPLACEMENTS	<u>84,837,000</u>	<u>443,470,000</u>	<u>528,307,000</u>
GROSS TOTAL	98,757,000	519,439,000	618,196,000
LESS: SALVAGE			
LESS: CONTRIBUTIONS*			
LESS: REIMBURSEMENTS**	<u>(4,682,404)</u>	<u>(22,894,000)</u>	<u>(27,576,404)</u>
NET TOTAL	<u><u>94,074,596</u></u>	<u><u>496,545,000</u></u>	<u><u>590,619,596</u></u>
<u>FIELD SERVICES</u>			
ADDITIONS	5,453,000	14,275,000	19,728,000
REPLACEMENTS	<u>6,436,000</u>	<u>36,341,000</u>	<u>42,777,000</u>
GROSS TOTAL	11,889,000	50,616,000	62,505,000
LESS: SALVAGE			
LESS: CONTRIBUTIONS*			
NET TOTAL	<u><u>11,889,000</u></u>	<u><u>50,616,000</u></u>	<u><u>62,505,000</u></u>
<u>FLEET OPERATIONS</u>			
ADDITIONS	84,000		84,000
REPLACEMENTS	<u>2,669,000</u>	<u>27,532,000</u>	<u>30,201,000</u>
GROSS TOTAL	2,753,000	27,532,000	30,285,000
LESS: SALVAGE			
NET TOTAL	<u><u>2,753,000</u></u>	<u><u>27,532,000</u></u>	<u><u>30,285,000</u></u>

PHILADELPHIA GAS WORKSPROPOSED
CAPITAL BUDGETFISCAL YEAR 2020 AND FORECAST 2021 THROUGH 2025

	COMPLIANCE 2020 <u>CAPITAL BUDGET</u>	2021 - 2025 <u>FORECAST</u>	<u>TOTAL 6 YEARS</u>
<u>OTHER DEPARTMENTS</u>			
ADDITIONS	678,000	1,575,840	2,253,840
REPLACEMENTS	<u>10,179,000</u>	<u>118,086,272</u>	<u>128,265,272</u>
TOTAL	<u>10,857,000</u>	<u>119,662,112</u>	<u>130,519,112</u>
 <u>TOTAL</u>			
ADDITIONS	20,405,000	94,969,840	115,374,840
REPLACEMENTS	<u>107,303,000</u>	<u>662,224,372</u>	<u>769,527,372</u>
GROSS TOTAL	127,708,000	757,194,212	884,902,212
LESS: SALVAGE			
LESS: REIMBURSEMENTS**	(4,682,404)	(22,894,000)	(27,576,404)
LESS: CONTRIBUTIONS*			
NET TOTAL	<u>123,025,596</u>	<u>734,300,212</u>	<u>857,325,808</u>

* CONTRIBUTIONS ARE POTENTIAL CUSTOMER CONTRIBUTIONS

** REIMBURSEMENT TO PGW FOR RELOCATING STRUCTURES & EQUIPMENT AND/OR LOAD GROWTH

PHILADELPHIA GAS WORKS
PROPOSED CAPITAL BUDGET
BUDGET/FORECAST COMPARISON

<u>DEPARTMENT</u>	<u>2019 COMPL</u> <u>BUDGET</u>	<u>2020</u> <u>FORECAST</u>	<u>2020 COMPL</u> <u>BUDGET</u>	<u>2020</u>	<u>2019</u>	<u>2020 BUDGET vs 2020 FORECAST</u>	
				<u>BUDGET vs</u> <u>AMOUNT</u> <u>DIFFERENCE</u>	<u>COMPL BUDGET</u> <u>PERCENT</u> <u>DIFFERENCE</u>	<u>AMOUNT</u> <u>DIFFERENCE</u>	<u>PERCENT</u> <u>DIFFERENCE</u>
<u>GAS PROCESSING</u>							
ADDITIONS	598,000	91,000	270,000	(328,000)	-54.8%	179,000	196.7%
REPLACEMENTS	<u>5,695,000</u>	<u>9,154,000</u>	<u>3,182,000</u>	<u>(2,513,000)</u>	<u>-44.1%</u>	<u>(5,972,000)</u>	<u>-65.2%</u>
TOTAL GAS PROCESSING	6,293,000	9,245,000	3,452,000	(2,841,000)	-45.1%	(5,793,000)	-62.7%
<u>DISTRIBUTION</u>							
ADDITIONS	13,177,000	13,479,000	13,920,000	743,000	5.6%	441,000	3.3%
REPLACEMENTS	<u>80,826,000</u>	<u>81,882,000</u>	<u>84,837,000</u>	<u>4,011,000</u>	<u>5.0%</u>	<u>2,955,000</u>	<u>3.6%</u>
GROSS TOTAL DISTRIBUTION	94,003,000	95,361,000	98,757,000	4,754,000	5.1%	3,396,000	3.6%
LESS: SALVAGE					N/A		N/A
LESS: CONTRIBUTIONS*					N/A		N/A
LESS: REIMBURSEMENT**	<u>(1,882,767)</u>	<u>(1,920,000)</u>	<u>(4,682,404.00)</u>	<u>(2,799,637)</u>	<u>148.7%</u>	<u>(2,762,404)</u>	<u>143.9%</u>
NET TOTAL DISTRIBUTION	92,120,233	93,441,000	94,074,596	1,954,363	2.1%	633,596	0.7%
<u>FIELD SERVICES</u>							
ADDITIONS	7,812,000	4,968,000	5,453,000	(2,359,000)	-30.2%	485,000	9.8%
REPLACEMENTS	<u>5,554,000</u>	<u>5,677,000</u>	<u>6,436,000</u>	<u>882,000</u>	<u>15.9%</u>	<u>759,000</u>	<u>13.4%</u>
GROSS TOTAL FIELD SERVICES	13,366,000	10,645,000	11,889,000	(1,477,000)	-11.1%	1,244,000	11.7%
LESS: SALVAGE					N/A		N/A
LESS: CONTRIBUTIONS*					N/A		N/A
NET TOTAL FIELD SERVICES	13,366,000	10,645,000	11,889,000	(1,477,000)	-11.1%	1,244,000	11.7%

PHILADELPHIA GAS WORKS
PROPOSED CAPITAL BUDGET
BUDGET/FORECAST COMPARISON

<u>DEPARTMENT</u>	<u>2019 COMPL</u> <u>BUDGET</u>	<u>2020</u> <u>FORECAST</u>	<u>2020 COMPL</u> <u>BUDGET</u>	<u>2020</u>		<u>2019</u>		<u>2020 BUDGET vs 2020 FORECAST</u>	
				<u>BUDGET vs</u> <u>AMOUNT</u> <u>DIFFERENCE</u>	<u>PERCENT</u> <u>DIFFERENCE</u>	<u>COMPL BUDGET</u> <u>PERCENT</u> <u>DIFFERENCE</u>	<u>AMOUNT</u> <u>DIFFERENCE</u>	<u>PERCENT</u> <u>DIFFERENCE</u>	
<u>FLEET OPERATIONS</u>									
ADDITIONS			84,000	84,000		N/A	84,000		N/A
REPLACEMENTS	<u>2,035,000</u>	<u>4,608,000</u>	<u>2,669,000</u>	<u>634,000</u>		<u>31.2%</u>	<u>(1,939,000)</u>		<u>-42.1%</u>
GROSS TOTAL FLEET OPERATIONS	2,035,000	4,608,000	2,753,000	718,000		35.3%	(1,855,000)		-40.3%
LESS: SALVAGE						<u>N/A</u>			<u>N/A</u>
NET TOTAL TRANSPORTATION	2,035,000	4,608,000	2,753,000	718,000		35.3%	(1,855,000)		-40.3%
<u>OTHER</u>									
ADDITIONS	732,000	623,000	678,000	(54,000)		-7.4%	55,000		8.8%
REPLACEMENTS	<u>18,112,000</u>	<u>30,364,590</u>	<u>10,179,000</u>	<u>(7,933,000)</u>		<u>-43.8%</u>	<u>(20,185,590)</u>		<u>-66.5%</u>
TOTAL OTHER	18,844,000	30,987,590	10,857,000	(7,987,000)		-42.4%	(20,130,590)		-65.0%
<u>TOTAL</u>									
ADDITIONS	22,319,000	19,161,000	20,405,000	(1,914,000)		-8.6%	1,244,000		6.5%
REPLACEMENTS	<u>112,222,000</u>	<u>131,685,590</u>	<u>107,303,000</u>	<u>(4,919,000)</u>		<u>-4.4%</u>	<u>(24,382,590)</u>		<u>-18.5%</u>
GROSS TOTAL	134,541,000	150,846,590	127,708,000	(6,833,000)		-5.1%	(23,138,590)		-15.3%
LESS: SALVAGE						N/A			N/A
LESS: REIMBURSEMENT**	(1,882,767)	(1,920,000)	(4,682,404.00)	(2,799,637)		148.7%	(2,762,404)		143.9%
LESS: CONTRIBUTIONS*						<u>N/A</u>			<u>N/A</u>
NET TOTAL	<u>132,658,233</u>	<u>148,926,590</u>	<u>123,025,596</u>	<u>(9,632,637)</u>		<u>-7.3%</u>	<u>(25,900,994)</u>		<u>-17.4%</u>

PHILADELPHIA GAS WORKS
 FISCAL YEAR 2020 CAPITAL BUDGET
 SUMMARY ESTIMATE OF ENCUMBERANCE AND EXPENDITURE

<u>FISCAL YEAR</u>	<u>ADDITIONS</u>		<u>REPLACEMENTS</u>		<u>TOTAL</u>	
	<u>ENCUMBERED</u>	<u>EXPENDED</u>	<u>ENCUMBERED</u>	<u>EXPENDED</u>	<u>ENCUMBERED</u>	<u>EXPENDED</u>
CURRENT BUDGET	20,405,000	17,769,000	107,303,000	79,841,000	127,708,000	97,610,000
YEAR 1		2,636,000		27,462,000		30,098,000
YEAR 2						
YEAR 3						
YEAR 4 AND BEYOND						
TOTAL	<u>20,405,000</u>	<u>20,405,000</u>	<u>107,303,000</u>	<u>107,303,000</u>	<u>127,708,000</u>	<u>127,708,000</u>

GAS PROCESSING DEPARTMENT
FISCAL YEAR 2020 CAPITAL BUDGET
SUMMARY

<u>CATEGORY</u>	<u>ADDITIONS</u>	<u>REPLACEMENTS</u>	<u>COST OF REMOVAL</u>	<u>TOTAL</u>
53-02 SUPPLEMENTAL GAS FACILITIES	179,000	2,946,000		3,125,000
53-04 MISC CAPITAL REQUIREMENTS	91,000	236,000		327,000
TOTAL GAS PROCESSING	<u>270,000</u>	<u>3,182,000</u>		<u>3,452,000</u>

GAS PROCESSING DEPARTMENT
FISCAL YEAR 2020 CAPITAL BUDGET
BUDGET/FORECAST COMPARISON

CATEGORY	2019 COMPL BUDGET	2020 FORECAST	2020 COMPL BUDGET	2020	2019	2020 BUDGET vs 2020 FORECAST	
				BUDGET vs \$	COMPL BUDGET %	\$	%
				DIFFERENCE	DIFF.	DIFFERENCE	DIFF.
53-01 NATURAL GAS	-	-	-	-	N/A	0	N/A
MEASUREMENT AND CONTROL FACILITIES	996,000	-	-	(996,000)	-100.0%	0	N/A
TOTAL	996,000	-	-	(996,000)	-100.0%	0	N/A
53-02 SUPPLEMENTAL GAS	411,000	-	179,000	(232,000)	-56.4%	179,000	N/A
FACILITIES	3,125,000	8,838,000	2,946,000	(179,000)	-5.7%	(5,892,000)	-66.7%
TOTAL	3,536,000	8,838,000	3,125,000	(411,000)	-11.6%	(5,713,000)	-64.6%
53-03 BUILDING AND	98,000	-	-	(98,000)	-100.0%	0	N/A
GROUPS	721,000	-	-	(721,000)	-100.0%	0	N/A
TOTAL	819,000	-	-	(819,000)	-100.0%	0	N/A
53-04 MISC CAPITAL	89,000	91,000	91,000	2,000	2.2%	0	0.0%
REQUIREMENTS	309,000	316,000	236,000	(73,000)	-23.6%	(80,000)	-25.3%
TOTAL	398,000	407,000	327,000	(71,000)	-17.8%	(80,000)	-19.7%
2017 REAUTHORIZATION							
REPLACEMENTS	544,000	-	-	-	0.0%	0	N/A
TOTAL GAS PROCESSING	6,293,000	9,245,000	3,452,000	(2,297,000)	-36.5%	(5,793,000)	-62.7%

GAS PROCESSING DEPARTMENT
FISCAL 2020 CAPITAL BUDGET

<u>P</u>			<u>AMOUNT</u>
	<u>GP-2</u>	<u>SUPPLEMENTAL GAS FACILITIES</u>	
1	53-02-1-05	INSTALL BOLLARDS AND BARRIERS AROUND EXPANDER PLANT - RICHMOND	179,000
1	53-02-2-11	REPLACE HAZARD DETECTION SYSTEM - PASSYUNK	-
1	53-02-2-17	RELOCATE STEAM SILENCER - PASSYUNK	151,000
1	53-02-2-23	REPLACE LNG TANK DELUGE PIPING - PASSYUNK	498,000
1	53-02-2-24	UTILITY POLE REPLACEMENT - PASSYUNK	382,000
1	53-02-2-25	REPLACE CONTROLS ON LNG VAPORIZERS - RICHMOND	573,000
1	53-02-2-26	REPLACE ESD PANEL FOR V-101 - RICHMOND	92,000
1	53-02-2-27	REPLACE DRAIN LINE FROM E-22F VAPORIZER	1,250,000
		TOTAL GP-2	<u><u>3,125,000</u></u>
	<u>GP-4</u>	<u>MISCELLANEOUS CAPITAL REQUIREMENTS</u>	
1	53-04-1-01	MISCELLANEOUS CAPITAL ADDITIONS	91,000
1	53-04-2-01	MISCELLANEOUS CAPITAL REPLACEMENTS	236,000
		TOTAL GP-4	327,000
		TOTAL GAS PROCESSING DEPARTMENT	<u><u>3,452,000</u></u>

GAS PROCESSING DEPARTMENT
LISTING BY PRIORITY
FISCAL 2020 CAPITAL BUDGET

<u>P</u>	<u>CATEGORY</u>	<u>PRIORITY 1</u>	<u>AMOUNT</u>	<u>BUDGET YR</u>	<u>YEAR 1</u>	<u>YEAR 2</u>	<u>YEAR 3</u>
1	GP-2	53-02-1-05	INSTALL BOLLARDS AND BARRIERS AROUND EXPANDER PLANT - RICHMOND	179,000	179,000	-	
1	GP-2	53-01-2-03	NEW HEATER, GENERATOR AND STATION MODIFICATIONS	-	-	-	
1	GP-2	53-02-2-11	REPLACE HAZARD DETECTION SYSTEM - PASSYUNK	-	-	-	
1	GP-3	53-03-2-02	INSTALL CANOPY OVER TRANSFORMERS AT MAIN SWITCHGEAR BUILDING - R	-	-	-	
1	GP-3	53-03-2-03	REPLACE SHOP BOILERS IN FRONT OFFICE - RICHMOND PLANT	-	-	-	
1	GP-3	53-03-2-05	REMODEL SECURITY FRONT OFFICE AND CCTV BUILDING- RICHMOND PLANT	-	-	-	
1	GP-4	53-04-1-01	MISCELLANEOUS CAPITAL ADDITIONS	91,000	91,000	-	
1	GP-4	53-04-2-01	MISCELLANEOUS CAPITAL REPLACEMENTS	236,000	236,000	-	
1	GP-2	53-02-2-17	RELOCATE STEAM SILENCER - PASSYUNK	151,000	55,000	96,000	
1	GP-2	53-02-2-23	REPLACE LNG TANK DELUGE PIPING - PASSYUNK	498,000	483,000	15,000	
1	GP-2	53-02-2-24	UTILITY POLE REPLACEMENT - PASSYUNK	382,000	138,000	244,000	
1	GP-2	53-02-2-25	REPLACE CONTROLS ON LNG VAPORIZERS - RICHMOND	573,000	72,000	501,000	
1	GP-2	53-02-2-26	REPLACE ESD PANEL FOR V-101 - RICHMOND	92,000	36,000	56,000	
1	GP-2	53-02-2-27	REPLACE DRAIN LINE FROM E-22F VAPORIZER	1,250,000	405,000	845,000	
<u>PRIORITY 2</u>							
2	GP-2	53-02-1-03	LIQUIFACTION FEEDGAS CO2 AND ETHANE REMOVAL - RICHMOND	-	-	-	
2	GP-2	53-02-1-04	INSTALL REPORTING HARDWARE AND SOFTWARE -RICHMOND AND PASSYUN	-	-	-	
2	GP-2	53-02-2-21	REPLACE STEAM HEATING IN SWITCHGEAR BUILDING - PASSYUNK	-	-	-	
TOTAL GAS PROCESSING DEPARTMENT:			3,452,000	1,695,000	1,757,000		

PHILADELPHIA GAS WORKS
 FISCAL YEAR 2020 CAPITAL BUDGET
 GAS PROCESSING DEPARTMENT ESTIMATE OF ENCUMBERANCE AND EXPENDITURE

FISCAL YEAR	ADDITIONS		REPLACEMENTS		TOTAL	
	<u>ENCUMBERED</u>	<u>EXPENDED</u>	<u>ENCUMBERED</u>	<u>EXPENDED</u>	<u>ENCUMBERED</u>	<u>EXPENDED</u>
CURRENT BUDGET	270,000	270,000	3,182,000	1,425,000	3,452,000	1,695,000
YEAR 1				1,757,000		1,757,000
YEAR 2						
YEAR 3						
YEAR 4 AND BEYOND						
TOTAL	<u>270,000</u>	<u>270,000</u>	<u>3,182,000</u>	<u>3,182,000</u>	<u>3,452,000</u>	<u>3,452,000</u>

DISTRIBUTION DEPARTMENT
FISCAL YEAR 2020 CAPITAL BUDGET
SUMMARY

<u>CATEGORY</u>	<u>ADDITIONS</u>	<u>REPLACEMENTS</u>	<u>GROSS TOTAL</u>	<u>REIMBURSEMENT**</u>	<u>CONTRIBUTIONS*</u>	<u>SALV.</u>	<u>NET TOTAL</u>
52-20 GAS MAINS - HIGH PRESSURE (WITH ASSOCIATED VALVES AND REGULATORS)	2,091,000	1,898,000	3,989,000				3,989,000
52-21 GAS MAINS - LOW AND INTERMEDIATE PRESSURE - 8 INCH AND SMALLER	2,545,000	59,645,000	62,190,000	(4,312,504)			57,877,496
52-22 GAS MAINS - LOW AND INTERMEDIATE PRESSURE - 12 INCH AND LARGER	175,000	911,000	1,086,000	(369,900)			716,100
52-23 CUST MTR & REG INSTALL, PRESSURE REGULATION & CORROSION CONTROL FACILITIES	345,000	1,028,000	1,373,000				1,373,000
52-24 SERVICES	8,764,000	19,739,000	28,503,000				28,503,000
52-29 OTHER DISTRIBUTION FACILITIES		1,616,000	1,616,000				1,616,000
52-99 COST OF REMOVAL AND ABANDONMENT							
TOTAL DISTRIBUTION	13,920,000	84,837,000	98,757,000	(4,682,404)			94,074,596

* CONTRIBUTIONS ARE POTENTIAL CUSTOMER CONTRIBUTIONS

** REIMBURSEMENT TO PGW FOR RELOCATING STRUCTURES & EQUIPMENT AND/OR LOAD GROWTH

DISTRIBUTION DEPARTMENT
FISCAL YEAR 2020 CAPITAL BUDGET
BUDGET/FORECAST COMPARISON

CATEGORY		2019 COMPL	2020	2020 COMPL	2020	2019	2020 BUDGET vs 2020	
		BUDGET	FORECAST	BUDGET	BUDGET vs	COMPL BUDGET	FORECAST	
					\$	%	\$	
					DIFFERENCE	DIFF.	DIFFERENCE	
							%	
52-20 GAS MAINS - HIGH PRESSURE (WITH ASSOCIATED VALVES AND REGULATORS)	ADDITIONS	1,216,000	1,243,000	2,091,000	875,000	72.0%	848,000	68.2%
	REPLACEMENTS	<u>1,771,000</u>	<u>1,810,000</u>	<u>1,898,000</u>	<u>127,000</u>	<u>7.2%</u>	<u>88,000</u>	<u>4.9%</u>
	TOTAL	2,987,000	3,053,000	3,989,000	1,002,000	33.5%	936,000	30.7%
52-21 GAS MAINS - LOW AND INTERMEDIATE PRESSURE - 8 INCH AND SMALLER	ADDITIONS	2,548,000	2,605,000	2,545,000	(3,000)	-0.1%	(60,000)	-2.3%
	REPLACEMENTS	<u>57,061,000</u>	<u>57,591,000</u>	<u>59,645,000</u>	<u>2,584,000</u>	<u>4.5%</u>	<u>2,054,000</u>	<u>3.6%</u>
	TOTAL	59,609,000	60,196,000	62,190,000	2,581,000	4.3%	1,994,000	3.3%
52-22 GAS MAINS - LOW AND INTERMEDIATE PRESSURE - 12 INCH AND LARGER	ADDITIONS	129,000	132,000	175,000	46,000	35.7%	43,000	32.6%
	REPLACEMENTS	<u>487,000</u>	<u>498,000</u>	<u>911,000</u>	<u>424,000</u>	<u>87.1%</u>	<u>413,000</u>	<u>82.9%</u>
	TOTAL	616,000	630,000	1,086,000	470,000	76.3%	456,000	72.4%
52-23 CUST MTR & REG INST, PRESSURE REGULATION AND CORROSION CONTROL FACILITIES	ADDITIONS	479,000	498,000	345,000	(134,000)	-28.0%	(153,000)	-30.7%
	REPLACEMENTS	<u>1,005,000</u>	<u>1,028,000</u>	<u>1,028,000</u>	<u>23,000</u>	<u>2.3%</u>	<u>0</u>	<u>0.0%</u>
	TOTAL	1,484,000	1,526,000	1,373,000	(111,000)	-7.5%	(153,000)	-10.0%
52-24 SERVICES	ADDITIONS	8,655,000	8,847,000	8,764,000	109,000	1.3%	(83,000)	-0.9%
	REPLACEMENTS	<u>19,135,000</u>	<u>19,557,000</u>	<u>19,739,000</u>	<u>604,000</u>	<u>3.2%</u>	<u>182,000</u>	<u>0.9%</u>
	TOTAL	27,790,000	28,404,000	28,503,000	713,000	2.6%	99,000	0.3%
52-29 OTHER DISTRIBUTION FACILITIES	ADDITIONS	150,000	154,000	0	(150,000)	-100.0%	(154,000)	-100.0%
	REPLACEMENTS	<u>1,367,000</u>	<u>1,398,000</u>	<u>1,616,000</u>	<u>249,000</u>	<u>18.2%</u>	<u>218,000</u>	<u>15.6%</u>
	TOTAL	1,517,000	1,552,000	1,616,000	99,000	6.5%	64,000	4.1%
GROSS TOTAL DISTRIBUTION		94,003,000	95,361,000	98,757,000	4,754,000	5.1%	3,396,000	3.6%
52-99 COST OF REMOVAL AND ABANDONMENT				0	0	N/A	0	N/A
LESS: SALVAGE				0	0	N/A	0	N/A
LESS: CONTRIBUTIONS*				0	0	N/A	0	N/A
LESS: REIMBURSEMENT**		<u>(1,882,767)</u>	<u>(1,920,000)</u>	<u>(4,682,404)</u>	<u>(2,799,637)</u>	<u>148.7%</u>	<u>(2,762,404)</u>	<u>143.9%</u>
NET TOTAL DISTRIBUTION		<u>92,120,233</u>	<u>93,441,000</u>	<u>94,074,596</u>	<u>1,954,363</u>	<u>2.1%</u>	<u>633,596</u>	<u>0.7%</u>

* DISTRIBUTION DEPARTMENT CONTRIBUTIONS ARE POTENTIAL CUSTOMER CONTRIBUTIONS

** REIMBURSEMENT TO PGW FOR RELOCATING STRUCTURES & EQUIPMENT AND/OR LOAD GROWTH

DISTRIBUTION DEPARTMENTFISCAL YEAR 2020 CAPITAL BUDGETDISTRIBUTION COMPRESSED CATEGORIES

<u>Category</u>	2019 COMPL BUDGET	2020 FORECAST	2020 COMPL BUDGET
MAIN ADDITIONS	3,893,000	3,980,000	4,811,000
MAIN REPLACEMENTS	59,319,000	59,899,000	62,454,000
SERVICE ADDITIONS	8,655,000	8,847,000	8,764,000
SERVICE REPLACEMENTS	19,135,000	19,557,000	19,739,000
METER/REGULATOR/CORROSION	1,484,000	1,526,000	1,373,000
TOOLS	1,517,000	1,552,000	1,616,000
GROSS TOTAL DISTRIBUTION	94,003,000	95,361,000	98,757,000

DISTRIBUTION DEPARTMENT
FISCAL 2020 CAPITAL BUDGET

<u>P</u>		<u>AMOUNT</u>	<u>FEET UNITS</u>
	<u>D-20</u>		
	<u>GAS MAINS - HIGH PRESSURE (WITH ASSOCIATED VALVES AND REGULATORS)</u>		
4	52-20-1-01 INSTALLATIONS TO PROVIDE FOR AHEAD-OF-PAVING AND EXTENSIONS TO SUPPLY ADDITIONAL LOADS	2,091,000	7,328
3	52-20-2-01 ENFORCED RELOCATIONS CAUSED BY CITY AND STATE WORK	1,898,000	668
		<u>3,989,000</u>	
52-20-2-97	GROSS TOTAL D-20	3,989,000	
	LESS: REIMBURSEMENT**		
	LESS: POTENTIAL CUSTOMER CONTRIBUTIONS		
	NET TOTAL D-20	<u><u>3,989,000</u></u>	
	<u>D-21</u>		
	<u>GAS MAINS - LOW AND INTERMEDIATE PRESSURE - 8 INCH AND SMALLER</u>		
4	52-21-1-01 MAINS TO SUPPLY NEW CUSTOMERS AND TO PROVIDE FOR INCREASED CAPACITY	2,545,000	12,056
3	52-21-2-01 ENFORCED RELOCATIONS CAUSED BY CITY, STATE AND OTHER WORK	6,483,000	27,577
1	52-21-2-02 PRUDENT MAIN REPLACEMENTS	20,162,000	83,707
1	52-21-2-03 LONG TERM INFRASTRUCTURE PLAN - DSIC	33,000,000	
		<u>62,190,000</u>	
52-21-2-97	GROSS TOTAL D-21	62,190,000	
	LESS: REIMBURSEMENT**	(4,312,504)	
	NET TOTAL D-21	<u><u>57,877,496</u></u>	

DISTRIBUTION DEPARTMENT
FISCAL 2020 CAPITAL BUDGET

<u>P</u>		<u>AMOUNT</u>	<u>FEET UNITS</u>
	<u>D-22</u> <u>GAS MAINS - LOW AND INTERMEDIATE PRESSURE - 12 INCH AND LARGER</u>		
4	52-22-1-01 TO SUPPLY NEW CUSTOMERS AND TO PROVIDE FOR INSTALLATION OF MAINS AHEAD-OF-PAVING	175,000	205
3	52-22-2-01 ENFORCED RELOCATIONS CAUSED BY CITY, STATE AND OTHER WORK	500,000	391
3	52-22-2-02 MAIN FOR MAJOR ENFORCED RELOCATION	411,000	391
	GROSS TOTAL D-22	1,086,000	
	LESS: REIMBURSEMENT**	(369,900)	
	NET TOTAL D-22	716,100	
	<u>D-23</u> <u>CUSTOMER METERING & REGULATOR INSTALLATION, AND PRESSURE REGULATION & CORROSION CONTROL FACILITIES (NOT INCLUDED IN D-20 OR D-22)</u>		
4	52-23-1-01 CUSTOMER METERING AND REGULATOR INSTALLATION	345,000	
1	52-23-2-01 REPLACEMENT/REHABILITATION OF HIGH PRESSURE MAIN VALVES	542,000	
2	52-23-2-02 REPLACEMENT OF VARIOUS PRESSURE REGULATING AND CORROSION CONTROL FACILITIES	486,000	
	GROSS TOTAL D-23	1,373,000	
	LESS: REIMBURSEMENT**		
	LESS: POTENTIAL CUSTOMER CONTRIBUTIONS*		
	NET TOTAL D-23	1,373,000	

DISTRIBUTION DEPARTMENT
LISTING BY PRIORITY
FISCAL 2020 CAPITAL BUDGET

<u>P</u>	<u>CATEGORY</u>	<u>AMOUNT</u>	<u>FEET</u> <u>UNITS</u>	<u>BUDGET YR</u>	<u>YEAR 1</u>	<u>YEAR 2</u>	<u>YEAR 3</u>
<u>PRIORITY 1</u>							
1	D-21 52-21-2-02 PRUDENT MAIN REPLACEMENTS	20,162,000	83,707	13,909,000	6,253,000		
1	D-21 52-21-2-03 LONG TERM INFRASTRUCTURE PLAN - DSIC	33,000,000		17,325,000	15,675,000		
1	D-23 52-23-2-01 REPLACEMENT/REHABILITATION OF HIGH PRESSURE MAIN VALVES	542,000		542,000			
1	D-24 52-24-2-02 RENEWAL OF 2" AND LARGER SERVICES	991,000	126	991,000			
1	D-24 52-24-2-01 RENEWAL OF 1-1/4" AND SMALLER SERVICES FOR PRUDENT	18,748,000	9,414	16,121,000	2,627,000		
1	D-24 52-24-2-03 RENEWAL OF 1-1/4" AND SMALLER SERVICES FOR PRUDENT INCREMENTAL SERVICE WORK						
<u>PRIORITY 2</u>							
2	D-23 52-23-2-02 REPLACEMENT OF VARIOUS PRESSURE REGULATING AND	486,000		486,000			
2	D-29 52-29-1-01 ADDITIONAL TOOLS AND WORK EQUIPMENT						
2	D-29 52-29-2-01 REPLACEMENT OF OBSOLETE TOOLS, RADIOS, AND WORK	1,616,000		1,616,000			

DISTRIBUTION DEPARTMENT
LISTING BY PRIORITY
FISCAL 2020 CAPITAL BUDGET

<u>P</u>	<u>CATEGORY</u>	<u>AMOUNT</u>	<u>FEET UNITS</u>	<u>BUDGET YR</u>	<u>YEAR 1</u>	<u>YEAR 2</u>	<u>YEAR 3</u>
<u>PRIORITY 3</u>							
3	D-20 52-20-2-01	ENFORCED RELOCATIONS CAUSED BY CITY AND STATE WORK	1,898,000	668	1,898,000		
3	D-21 52-21-2-01	ENFORCED RELOCATIONS CAUSED BY CITY, STATE AND OTHER	6,483,000	27,577	5,473,000	1,010,000	
3	D-22 52-22-2-01	ENFORCED RELOCATIONS CAUSED BY CITY, STATE AND OTHER	500,000	391	500,000		
3	D-22 52-22-2-02	MAIN FOR MAJOR ENFORCED RELOCATION	411,000	391	411,000		
<u>PRIORITY 4</u>							
4	D-20 52-20-1-01	INSTALLATIONS TO PROVIDE FOR AHEAD-OF-PAVING AND	2,091,000	7,328	2,091,000		
4	D-21 52-21-1-01	MAINS TO SUPPLY NEW CUSTOMERS AND TO PROVIDE FOR	2,545,000	12,056	2,545,000		
4	D-23 52-23-1-01	CUSTOMER METERING AND REGULATOR INSTALLATION	345,000		345,000		
4	D-22 52-22-1-01	TO SUPPLY NEW CUSTOMERS AND TO PROVIDE FOR	175,000	205	175,000		
4	D-24 52-24-1-01	INSTALLATION OF NEW 1-1/4" AND SMALLER SERVICES, HIGH,	6,557,000	2,008	6,557,000		
4	D-24 52-24-1-02	INSTALLATION OF NEW 2 INCH AND LARGER SERVICES, HIGH,	2,207,000	177	2,207,000		
TOTAL DISTRIBUTION DEPARTMENT:			<u>98,757,000</u>		<u>73,192,000</u>	<u>25,565,000</u>	

PHILADELPHIA GAS WORKS
 FISCAL YEAR 2020 CAPITAL BUDGET
 DISTRIBUTION DEPARTMENT ESTIMATE OF ENCUMBERANCE AND EXPENDITURE

<u>FISCAL YEAR</u>	<u>ADDITIONS</u>		<u>REPLACEMENTS</u>		<u>TOTAL</u>	
	<u>ENCUMBERED</u>	<u>EXPENDED</u>	<u>ENCUMBERED</u>	<u>EXPENDED</u>	<u>ENCUMBERED</u>	<u>EXPENDED</u>
CURRENT BUDGET	13,920,000	13,920,000	84,837,000	59,272,000	98,757,000	73,192,000
YEAR 1				25,565,000		25,565,000
YEAR 2						
YEAR 3						
YEAR 4 AND BEYOND						
TOTAL	<u>13,920,000</u>	<u>13,920,000</u>	<u>84,837,000</u>	<u>84,837,000</u>	<u>98,757,000</u>	<u>98,757,000</u>

FIELD SERVICES DEPARTMENT
FISCAL YEAR 2020 CAPITAL BUDGET
SUMMARY

<u>CATEGORY</u>	<u>ADDITIONS</u>	<u>REPLACEMENTS</u>	<u>TOTAL</u>
50-30 METERS & INSTALLATION	2,197,000	2,496,000	4,693,000
50-32 SERVICE REGULATORS AND INSTALLATION	60,000	72,000	132,000
50-33 COMMERCIAL & INDUSTRIAL TELEMETERING SYSTEMS	82,000	91,000	173,000
50-35 SERVICE SECTION EQUIPMENT	2,900,000	-	2,900,000
50-36 AUTOMATIC METER READING	214,000	3,777,000	3,991,000
50-99 COST OF REMOVAL			
GROSS TOTAL FIELD SERVICES	5,453,000	6,436,000	11,889,000
LESS: SALVAGE			
LESS: CONTRIBUTIONS*			
NET TOTAL FIELD SERVICES	<u>5,453,000</u>	<u>6,436,000</u>	<u>11,889,000</u>

* FIELD SERVICES DEPARTMENT CONTRIBUTIONS ARE POTENTIAL CUSTOMER CONTRIBUTIONS

FIELD SERVICES DEPARTMENT
FISCAL YEAR 2020 CAPITAL BUDGET
BUDGET/FORECAST COMPARISON

CATEGORY		2019 COMPL BUDGET	2020 FORECAST	2020 COMPL BUDGET	2020	2019	2020 BUDGET vs 2020 FORECAST	
					BUDGET vs \$ DIFFERENCE	COMPL BUDGET % DIFF.	\$ DIFFERENCE	% DIFF.
50-30 METERS	ADDITIONS	2,008,000	2,053,000	2,197,000	189,000	9.4%	144,000	7.0%
	REPLACEMENTS	<u>2,706,000</u>	<u>2,766,000</u>	<u>2,496,000</u>	<u>(210,000)</u>	<u>-7.8%</u>	<u>(270,000)</u>	<u>-9.8%</u>
	TOTAL	4,714,000	4,819,000	4,693,000	(21,000)	-0.4%	(126,000)	-2.6%
50-32 SERVICE REGULATORS AND INSTALLATIONS	ADDITIONS	68,000	70,000	60,000	(8,000)	-11.8%	(10,000)	-14.3%
	REPLACEMENTS	<u>42,000</u>	<u>43,000</u>	<u>72,000</u>	<u>30,000</u>	<u>71.4%</u>	<u>29,000</u>	<u>67.4%</u>
	TOTAL	110,000	113,000	132,000	22,000	20.0%	19,000	16.8%
50-33 TELEMETERING AND INSTALLATIONS	ADDITIONS	146,000	150,000	82,000	(64,000)	-43.8%	(68,000)	-45.3%
	REPLACEMENTS	<u>126,000</u>	<u>128,000</u>	<u>91,000</u>	<u>(35,000)</u>	<u>-27.8%</u>	<u>(37,000)</u>	<u>-28.9%</u>
	TOTAL	272,000	278,000	173,000	(99,000)	-36.4%	(105,000)	-37.8%
50-34 METER SHOP EQUIPMENT	ADDITIONS		2,500,000	0	0	N/A	(2,500,000)	-100.0%
	REPLACEMENTS	<u>23,000</u>	<u>24,000</u>	<u>0</u>	<u>(23,000)</u>	<u>-100.0%</u>	<u>(24,000)</u>	<u>-100.0%</u>
	TOTAL	23,000	2,524,000	0	(23,000)	-100.0%	(2,524,000)	-100.0%
50-35 SERVICE SECTION EQUIPMENT	ADDITIONS	5,400,000		2,900,000	(2,500,000)	-46.3%	2,900,000	N/A
	REPLACEMENTS			<u>0</u>	<u>0</u>	<u>N/A</u>	<u>0</u>	<u>N/A</u>
	TOTAL	5,400,000		2,900,000	(2,500,000)	-46.3%	2,900,000	N/A
50-36 AUTOMATIC METER READING	ADDITIONS	190,000	195,000	214,000	24,000	12.6%	19,000	9.7%
	REPLACEMENTS	<u>2,657,000</u>	<u>2,716,000</u>	<u>3,777,000</u>	<u>1,120,000</u>	<u>42.2%</u>	<u>1,061,000</u>	<u>39.1%</u>
	TOTAL	2,847,000	2,911,000	3,991,000	1,144,000	40.2%	1,080,000	37.1%
50-99 COST OF REMOVAL			<u>0</u>	<u>0</u>	<u>N/A</u>	<u>0</u>	<u>N/A</u>	
GROSS TOTAL FIELD SERVICES		13,366,000	10,645,000	11,889,000	(1,477,000)	-11.1%	1,244,000	11.7%
LESS: SALVAGE				0	0	N/A	0	N/A
LESS: CONTRIBUTIONS*				<u>0</u>	<u>0</u>	<u>N/A</u>	<u>0</u>	<u>N/A</u>
NET TOTAL FIELD SERVICES		<u>13,366,000</u>	<u>10,645,000</u>	<u>11,889,000</u>	<u>(1,477,000)</u>	<u>-11.1%</u>	<u>1,244,000</u>	<u>11.7%</u>

* FIELD SERVICES DEPARTMENT CONTRIBUTIONS ARE POTENTIAL CUSTOMER CONTRIBUTIONS

FIELD SERVICES DEPARTMENT
FISCAL 2020 CAPITAL BUDGET

<u>P</u>			<u>AMOUNT</u>
	<u>C-30</u>	<u>METERS</u>	
4	50-30-1-01	PURCHASE AND INSTALLATION OF METERS TO PROVIDE FOR NEW CUSTOMERS	2,197,000
1	50-30-2-01	PURCHASE METERS TO SUPPORT AUTOMATIC METER READING	2,496,000
		TOTAL C-30	<u>4,693,000</u>
	<u>C-32</u>	<u>SERVICE REGULATORS</u>	
4	50-32-1-01	PURCHASE AND INSTALLATION OF SERVICE REGULATORS	60,000
1	50-32-2-01	PURCHASE VARIOUS SIZE SERVICE REGULATORS AS REPLACEMENTS	72,000
		TOTAL C-32	<u>132,000</u>
	<u>C-33</u>	<u>COMMERCIAL & INDUSTRIAL TELEMETERING SYSTEMS</u>	
1	50-33-1-01	PURCHASE AND INSTALLATION OF EQUIPMENT AND INSTRUMENTATION	82,000
1	50-33-2-01	REPLACE METRETEK UNITS, EQUIPMENT, AND INSTRUMENTATION	91,000
		TOTAL C-33	<u>173,000</u>
	<u>C-35</u>	<u>SERVICE SECTION EQUIPMENT</u>	
5	50-35-1-01	ADVANCED METER INFRASTRUCTURE	2,900,000
		TOTAL C-35	<u>2,900,000</u>
	<u>C-36</u>	<u>AUTOMATIC METER READING</u>	
5	50-36-1-01	PURCHASE AND INSTALLATION OF ERT DEVICES FOR AMR	214,000
5	50-36-2-01	REPLACE AMR DEVICES	3,777,000
		TOTAL C-36	<u>3,991,000</u>
		GROSS TOTAL FIELD SERVICES DEPARTMENT	11,889,000
50-98-2-98		LESS: ESTIMATED SALVAGE	
		LESS: CONTRIBUTIONS*	
		NET TOTAL FIELD SERVICES DEPARTMENT	<u>11,889,000</u>

FIELD SERVICES DEPARTMENT
LISTING BY PRIORITY
FISCAL 2020 CAPITAL BUDGET

<u>P</u>	<u>CATEGORY</u>	<u>AMOUNT</u>	<u>BUDGET YR</u>	<u>YEAR 1</u>	<u>YEAR 2</u>	<u>YEAR 3</u>
<u>PRIORITY 1</u>						
1	C-32 50-32-2-01 PURCHASE VARIOUS SIZE SERVICE REGULATORS AS REPLACEMENTS	72,000	72,000			
1	C-33 50-33-2-01 REPLACE METRETEK UNITS, EQUIPMENT, AND INSTRUMENTATION	91,000	91,000			
1	C-33 50-33-1-01 PURCHASE AND INSTALLATION OF EQUIPMENT AND INSTRUMENTATION	82,000	82,000			
1	C-30 50-30-2-01 PURCHASE METERS TO SUPPORT AUTOMATIC METER READING	2,496,000	2,496,000			
<u>PRIORITY 4</u>						
4	C-30 50-30-1-01 PURCHASE AND INSTALLATION OF METERS TO PROVIDE FOR	2,197,000	2,197,000			
4	C-32 50-32-1-01 PURCHASE AND INSTALLATION OF SERVICE REGULATORS	60,000	60,000			
<u>PRIORITY 5</u>						
5	C-35 50-35-1-01 ADVANCED METER INFRASTRUCTURE	2,900,000	500,000	2,400,000		
5	C-36 50-36-1-01 PURCHASE AND INSTALLATION OF ERT DEVICES FOR AMR	214,000	214,000			
5	C-36 50-36-2-01 REPLACE AMR DEVICES	3,777,000	3,777,000			
TOTAL FIELD SERVICES DEPARTMENT:		<u>11,889,000</u>	<u>9,489,000</u>	<u>2,400,000</u>		

PHILADELPHIA GAS WORKS
 FISCAL YEAR 2020 CAPITAL BUDGET
 FIELD SERVICES DEPARTMENT ESTIMATE OF ENCUMBERANCE AND EXPENDITURE

FISCAL YEAR	ADDITIONS		REPLACEMENTS		TOTAL	
	<u>ENCUMBERED</u>	<u>EXPENDED</u>	<u>ENCUMBERED</u>	<u>EXPENDED</u>	<u>ENCUMBERED</u>	<u>EXPENDED</u>
CURRENT BUDGET	5,453,000	3,053,000	6,436,000	6,436,000	11,889,000	9,489,000
YEAR 1		2,400,000				2,400,000
YEAR 2						
YEAR 3						
YEAR 4 AND BEYOND						
TOTAL	<u>5,453,000</u>	<u>5,453,000</u>	<u>6,436,000</u>	<u>6,436,000</u>	<u>11,889,000</u>	<u>11,889,000</u>

FLEET OPERATIONS DEPARTMENT
FISCAL YEAR 2020 CAPITAL BUDGET
BUDGET/FORECAST COMPARISON

<u>CATEGORY</u>	<u>2019 COMPL</u> <u>BUDGET</u>	<u>2020</u> <u>FORECAST</u>	<u>2020 COMPL</u> <u>BUDGET</u>	<u>2020</u>	<u>2019</u>	<u>2020 BUDGET vs 2020</u>	
				<u>BUDGET vs</u> <u>\$</u> <u>DIFFERENCE</u>	<u>COMPL BUDGET</u> <u>%</u> <u>DIFF.</u>	<u>FORECAST</u> <u>\$</u> <u>DIFFERENCE</u>	<u>%</u> <u>DIFF.</u>
73-01-1-03 VEHICLE ADDITIONS	-	-	84,000	84,000	N/A	84,000	N/A
73-01-2-01 SHOP EQUIPMENT REPLACEMENTS	12,000	-	23,000	11,000	91.7%	23,000	N/A
73-01-2-02 MOBILE EQUIPMENT REPLACEMENT	415,000	900,000	773,000	358,000	86.3%	(127,000)	-14.1%
73-01-2-03 VEHICLE REPLACEMENTS	1,608,000	3,708,000	1,873,000	265,000	16.5%	(1,835,000)	-49.5%
GROSS TOTAL FLEET OPERATIONS	2,035,000	4,608,000	2,753,000	718,000	35.3%	(1,855,000)	-40.3%
LESS: SALVAGE					<u>N/A</u>		<u>N/A</u>
NET TOTAL FLEET OPERATIONS	<u>2,035,000</u>	<u>4,608,000</u>	<u>2,753,000</u>	<u>718,000</u>	<u>35.3%</u>	<u>(1,855,000)</u>	<u>-40.3%</u>

FLEET OPERATIONS DEPARTMENT
FISCAL 2020 CAPITAL BUDGET

<u>P</u>		<u>AMOUNT</u>
2	73-01-2-01 SHOP EQUIPMENT REPLACEMENTS	23,000
1	73-01-2-02 MOBILE EQUIPMENT REPLACEMENTS	773,000
2	73-01-1-03 VEHICLE ADDITIONS	84,000
2	73-01-2-03 VEHICLE REPLACEMENTS	1,873,000
	GROSS TOTAL FLEET OPERATIONS	<u>2,753,000</u>
73-98-2-98	LESS: SALVAGE	
	NET TOTAL FLEET OPERATIONS	<u><u>2,753,000</u></u>

FLEET OPERATIONS DEPARTMENT
LISTING BY PRIORITY
FISCAL 2020 CAPITAL BUDGET

<u>P</u>	<u>CATEGORY</u>	<u>AMOUNT</u>	<u>BUDGET YR</u>	<u>YEAR 1</u>	<u>YEAR 2</u>	<u>YEAR 3</u>
<u>PRIORITY 1</u>						
1	73-01-2-02 MOBILE EQUIPMENT REPLACEMENTS	773,000	773,000			
1	73-01-1-03 VEHICLE ADDITIONS	84,000	84,000			
<u>PRIORITY 2</u>						
2	73-01-2-01 SHOP EQUIPMENT REPLACEMENTS	23,000	23,000			
2	73-01-2-03 VEHICLE REPLACEMENTS	1,873,000	1,873,000			
TOTAL FLEET OPERATIONS DEPARTMENT:		<u>2,753,000</u>	<u>2,753,000</u>			

PHILADELPHIA GAS WORKS
 FISCAL YEAR 2020 CAPITAL BUDGET
 FLEET OPERATIONS DEPARTMENT ESTIMATE OF ENCUMBERANCE AND EXPENDITURE

<u>FISCAL YEAR</u>	<u>ADDITIONS</u>		<u>REPLACEMENTS</u>		<u>TOTAL</u>	
	<u>ENCUMBERED</u>	<u>EXPENDED</u>	<u>ENCUMBERED</u>	<u>EXPENDED</u>	<u>ENCUMBERED</u>	<u>EXPENDED</u>
CURRENT BUDGET	84,000	84,000	2,669,000	2,669,000	2,753,000	2,753,000
YEAR 1						
YEAR 2						
YEAR 3						
YEAR 4 AND BEYOND						
TOTAL	<u>84,000</u>	<u>84,000</u>	<u>2,669,000</u>	<u>2,669,000</u>	<u>2,753,000</u>	<u>2,753,000</u>

FACILITIES

FISCAL YEAR 2020 CAPITAL BUDGET

BUDGET/FORECAST COMPARISON

CATEGORY	2019 COMPL BUDGET	2020 FORECAST	2020 COMPL BUDGET	2020	2019	2020 BUDGET vs 2020	
				BUDGET vs \$ DIFF.	COMPL BUDGET % DIFF.	FORECAST \$ DIFF.	% DIFF.
72-01-1-01 MISCELLANEOUS CAPITAL ADDITIONS	150,000	150,000	150,000	-	0.0%	-	0.0%
72-01-1-02 MISCELLANEOUS CAPITAL ADDITIONS - GAS PROCESSING	8,000	12,000	12,000	4,000	50.0%	-	0.0%
72-01-2-01 MISCELLANEOUS CAPITAL REPLACEMENTS/STRUCTURAL REPAIRS	418,000	397,000	418,000	-	0.0%	21,000	5.3%
72-01-2-02 MISCELLANEOUS CAPITAL REPLACEMENTS - GAS PROCESSING	24,000	48,000	48,000	24,000	100.0%	-	0.0%
72-01-2-03 MISC CAPITAL REPL - STRUCTURAL REPAIRS - GAS PROCESSING	34,000	60,000	60,000	26,000	76.5%	-	0.0%
72-01-2-04 REPLACE CARPETS - ALL LOCATIONS	61,000	61,000	75,000	14,000	23.0%	14,000	23.0%
72-01-2-05 REPLACE MODULAR FURNITURE	67,000	67,000	100,000	33,000	49.3%	33,000	49.3%
72-01-2-06 REPLACE 800 AHU HW, CHW CONTROL VALVES, DAMPER ACTUATORS	1,040,000	-	226,000	(814,000)	-78.3%	226,000	N/A
72-01-2-07 REPLACE 1800 ROOF	-	-	3,105,000	3,105,000	N/A	3,105,000	N/A
72-01-2-08 REPLACE 1800 BOILER #2	-	-	228,000	228,000	N/A	228,000	N/A
72-01-2-09 WPDO REAR WALL STRCTUREAL REPLAIRS & REPLACE REAR WINDOWS	-	-	572,000	572,000	N/A	572,000	N/A
72-01-2-10 CIS TEAM SPACE FIT-OUT	-	-	349,000	349,000	N/A	349,000	N/A
72-01-2-11 150KW SOLAR ARRAY PASSYUNK PLANT	-	-	276,000	276,000	N/A	276,000	N/A
72-01-2-XX EXPENSES IF NO BUILDING CONSOLIDATION	-	11,951,590	-	-	N/A	(11,951,590)	-100.0%
TOTAL FACILITIES	<u>1,802,000</u>	<u>12,746,590</u>	<u>5,619,000</u>	<u>3,817,000</u>	<u>211.8%</u>	<u>(7,127,590)</u>	<u>-55.9%</u>

OTHER DEPARTMENTS
FISCAL YEAR 2020 CAPITAL BUDGET
SUMMARY

<u>CATEGORY</u>	<u>ADDITIONS</u>	<u>REPLACEMENTS</u>	<u>TOTAL</u>
FACILITIES	162,000	5,457,000	5,619,000
INFORMATION SERVICES	516,000	525,000	1,041,000
CHIEF OPERATING OFFICER		4,142,000	4,142,000
CHEMICAL SERVICES		55,000	55,000
TOTAL OTHER DEPARTMENTS	<u>678,000</u>	<u>10,179,000</u>	<u>10,857,000</u>

OTHER DEPARTMENTS
FISCAL YEAR 2020 CAPITAL BUDGET
BUDGET/FORECAST COMPARISON

CATEGORY		2019 COMPL		2020		2020 COMPL		2020 BUDGET vs 2020 FORECAST	
		BUDGET	FORECAST	BUDGET	DIFFERENCE	COMPL BUDGET	DIFF.	DIFFERENCE	DIFF.
FACILITIES	ADDITIONS	158,000	162,000	162,000	4,000		2.5%	-	0.0%
	REPLACEMENTS	<u>1,644,000</u>	12,584,590	5,457,000	<u>3,813,000</u>		<u>231.9%</u>	<u>(7,127,590)</u>	<u>-56.6%</u>
	TOTAL	<u>1,802,000</u>	<u>12,746,590</u>	<u>5,619,000</u>	<u>3,817,000</u>		<u>211.8%</u>	<u>(7,127,590)</u>	<u>-55.9%</u>
INFORMATION SERVICES	ADDITIONS	574,000	461,000	516,000	(58,000)		-10.1%	55,000	11.9%
	REPLACEMENTS	<u>15,391,000</u>	<u>13,030,000</u>	<u>525,000</u>	<u>(14,866,000)</u>		<u>-96.6%</u>	<u>(12,505,000)</u>	<u>-96.0%</u>
	TOTAL	15,965,000	13,491,000	1,041,000	(14,924,000)		-93.5%	(12,450,000)	-92.3%
CHIEF OPERATING OFFICER	ADDITIONS	-	-	-	-		N/A	-	N/A
	REPLACEMENTS	<u>750,000</u>	<u>750,000</u>	<u>4,142,000</u>	<u>3,392,000</u>		<u>452.3%</u>	<u>3,392,000</u>	<u>452.3%</u>
	TOTAL	750,000	750,000	4,142,000	3,392,000		452.3%	3,392,000	452.3%
VP TECHNICAL COMPLIANCE	ADDITIONS	-	-	-	-		N/A	-	N/A
	REPLACEMENTS	<u>-</u>	<u>4,000,000</u>	<u>-</u>	<u>-</u>		<u>N/A</u>	<u>(4,000,000)</u>	<u>-100.0%</u>
	TOTAL	-	4,000,000	-	-		N/A	(4,000,000)	-100.0%
CHEMICAL SERVICES	ADDITIONS	-	-	-	-		N/A	-	N/A
	REPLACEMENTS	<u>-</u>	<u>-</u>	<u>55,000</u>	<u>55,000</u>		<u>N/A</u>	<u>55,000</u>	<u>N/A</u>
	TOTAL	-	-	55,000	55,000		N/A	55,000	N/A
SECURITY & LOST PREVENTION	ADDITIONS	-	-	-	-		N/A	-	N/A
	REPLACEMENTS	<u>327,000</u>	<u>-</u>	<u>-</u>	<u>(327,000)</u>		<u>-100.0%</u>	<u>-</u>	<u>N/A</u>
	TOTAL	327,000	-	-	(327,000)		-100.0%	-	N/A
TOTAL OTHER DEPARTMENTS	<u>18,844,000</u>	<u>30,987,590</u>	<u>10,857,000</u>	<u>(7,987,000)</u>		<u>-42.4%</u>	<u>(20,130,590)</u>	<u>-65.0%</u>	

OTHER DEPARTMENTS
FISCAL 2020 CAPITAL BUDGET

P		<u>FACILITIES</u>	AMOUNT
1	72-01-1-01	MISCELLANEOUS CAPITAL ADDITIONS	150,000
1	72-01-1-02	MISCELLANEOUS CAPITAL ADDITIONS - GAS PROCESSING	12,000
1	72-01-2-01	MISCELLANEOUS CAPITAL REPLACEMENTS/STRUCTURAL REPAIRS	418,000
1	72-01-2-02	MISCELLANEOUS CAPITAL REPLACEMENTS - GAS PROCESSING	48,000
1	72-01-2-03	MISC CAPITAL REPL - STRUCTURAL REPAIRS - GAS PROCESSING	60,000
1	72-01-2-04	REPLACE CARPETS - ALL LOCATIONS	75,000
1	72-01-2-05	REPLACE MODULAR FURNITURE	100,000
1	72-01-2-06	REPLACE 800 AHU HW, CHW CONTROL VALVES, DAMPER ACTUATORS	226,000
1	72-01-2-07	REPLACE 1800 ROOF	3,105,000
1	72-01-2-08	REPLACE 1800 BOILER #2	228,000
1	72-01-2-09	WPDO REAR WALL STRCTUREAL REPLAIRS & REPLACE REAR WINDOWS	572,000
1	72-01-2-10	CIS TEAM SPACE FIT-OUT	349,000
1	72-01-2-11	150KW SOLAR ARRAY PASSYUNK PLANT	276,000
		TOTAL FACILITIES	<u><u>5,619,000</u></u>
		<u>INFORMATION SERVICES</u>	
2	47-01-1-01	MISCELLANEOUS SERVER, NETWORK, & HARDWARE ADDITIONS	59,000
2	47-01-1-02	MISCELLANEOUS SOFTWARE ADDITIONS	75,000
2	47-01-1-03	SYSTEM & NETWORK MONITORING APPLIANCE ADDITIONS	382,000
2	47-01-2-01	MISC SERVER AND NETWORK HARDWARE REPLACEMENT	475,000
2	47-01-2-02	MISCELLANEOUS SOFTWARE REPLACEMENTS	50,000
2	47-01-2-04	CUSTOMER INFORMATION SYSTEMS (CIS/BCCS) REPLACEMENTS	-
		TOTAL INFORMATION SERVICES	<u><u>1,041,000</u></u>

OTHER DEPARTMENTS
FISCAL 2020 CAPITAL BUDGET

P			AMOUNT
		<u>CHIEF OPERATING OFFICER</u>	
1	13-01-2-01	CONDITIONAL FUNDING FOR CAPITAL NEEDS RELATED TO SAFETY	3,387,010
2	13-01-2-02	CONDITIONAL FUNDING FOR CAPITAL NEEDS RELATED TO RELIABILITY OF SERVICE	169,445
4	13-01-2-03	CONDITIONAL FUNDING FOR CAPITAL NEEDS RELATED TO COST-JUSTIFIED LOAD GROWTH	585,545
		TOTAL CHIEF OPERATING OFFICER	<u>4,142,000</u>
		<u>CHEMICAL SERVICES</u>	
1	31-01-1-01	ODORANT INJECTION SYSTEM / ETHANE IDENTIFIER	55,000
		TOTAL SECURITY & LOST PREVENTION	<u>55,000</u>
		TOTAL OTHER DEPARTMENTS	<u>10,857,000</u>

OTHER DEPARTMENTS
LISTING BY PRIORITY
FISCAL 2020 CAPITAL BUDGET

<u>P</u>	<u>CATEGORY</u>	<u>AMOUNT</u>	<u>BUDGET YR</u>	<u>YEAR 1</u>	<u>YEAR 2</u>	<u>YEAR 3</u>
<u>PRIORITY 1</u>						
1	72-01-1-01 MISCELLANEOUS CAPITAL ADDITIONS	150,000	150,000			
1	72-01-1-02 MISCELLANEOUS CAPITAL ADDITIONS - GAS PROCESSING	12,000	12,000			
1	72-01-2-01 MISCELLANEOUS CAPITAL REPLACEMENTS/STRUCTURAL REPAIRS	418,000	418,000			
1	72-01-2-02 MISCELLANEOUS CAPITAL REPLACEMENTS - GAS PROCESSING	48,000	48,000			
1	72-01-2-03 MISC CAPITAL REPL - STRUCTURAL REPAIRS - GAS PROCESSING	60,000	60,000			
1	72-01-2-04 REPLACE CARPETS - ALL LOCATIONS	75,000	75,000			
1	72-01-2-05 REPLACE MODULAR FURNITURE	100,000	100,000			
1	72-01-2-06 REPLACE 800 AHU HW, CHW CONTROL VALVES, DAMPER ACTUATORS	226,000	226,000			
1	72-01-2-07 REPLACE 1800 ROOF	3,105,000	3,105,000			
1	72-01-2-08 REPLACE 1800 BOILER #2	228,000	228,000			
1	72-01-2-09 WPDO REAR WALL STRUCTUREAL REPLAIRS & REPLACE REAR WINDOWS	572,000	572,000			
1	72-01-2-10 CIS TEAM SPACE FIT-OUT	349,000	349,000			
1	72-01-2-11 150KW SOLAR ARRAY PASSYUNK PLANT	276,000	276,000			
1	13-01-2-01 CONDITIONAL FUNDING FOR CAPITAL NEEDS RELATED TO SAFETY	3,387,010	3,387,010			
1	31-01-1-01 ODORANT INJECTION SYSTEM / ETHANE IDENTIFIER	55,000	55,000			
<u>PRIORITY 2</u>						
2	47-01-1-01 MISCELLANEOUS SERVER, NETWORK, & HARDWARE ADDITIONS	59,000	30,000	29,000		
2	47-01-1-02 MISCELLANEOUS SOFTWARE ADDITIONS	75,000	50,000	25,000		
2	47-01-1-03 SYSTEM & NETWORK MONITORING APPLIANCE ADDITIONS	382,000	200,000	182,000		
2	47-01-1-04 SAN STORAGE REPLACEMENTS					
2	47-01-1-05 AIMS CORROSION					
2	47-01-1-06 GIS IMPLEMENTATION					
2	47-01-2-01 MISC SERVER AND NETWORK HARDWARE REPLACEMENT	475,000	355,000	120,000		
2	47-01-2-02 MISCELLANEOUS SOFTWARE REPLACEMENTS	50,000	30,000	20,000		
2	47-01-2-03 PRI TO SIP CONVERSION REPLACEMENTS					
2	47-01-2-04 CUSTOMER INFORMATION SYSTEMS (CIS/BCCS) REPLACEMENTS					
2	13-01-2-02 CONDITIONAL FUNDING FOR CAPITAL NEEDS RELATED TO RELIABILITY OF SERVICE	169,445	169,445			
<u>PRIORITY 4</u>						
4	13-01-2-03 CONDITIONAL FUNDING FOR CAPITAL NEEDS RELATED TO COST-JUSTIFIED LOAD GROV	585,545	585,545			
TOTAL OTHER DEPARTMENTS:		<u>10,857,000</u>	<u>10,481,000</u>	<u>376,000</u>	<u> </u>	<u> </u>

PHILADELPHIA GAS WORKS
 FISCAL YEAR 2020 CAPITAL BUDGET
 OTHER DEPARTMENTS ESTIMATE OF ENCUMBERANCE AND EXPENDITURE

<u>FISCAL YEAR</u>	<u>ADDITIONS</u>		<u>REPLACEMENTS</u>		<u>TOTAL</u>	
	<u>ENCUMBERED</u>	<u>EXPENDED</u>	<u>ENCUMBERED</u>	<u>EXPENDED</u>	<u>ENCUMBERED</u>	<u>EXPENDED</u>
CURRENT BUDGET	678,000	442,000	10,179,000	10,039,000	10,857,000	10,481,000
YEAR 1		236,000		140,000		376,000
YEAR 2						
YEAR 3						
YEAR 4 AND BEYOND						
TOTAL	<u>678,000</u>	<u>678,000</u>	<u>10,179,000</u>	<u>10,179,000</u>	<u>10,857,000</u>	<u>10,857,000</u>

FIVE YEAR FORECAST

PHILADELPHIA GAS WORKS

FISCAL YEAR 2020 AND FORECAST 2021 THROUGH 2025

<u>DEPARTMENT</u>	<u>2020 CAPITAL BUDGET</u>	<u>FORECAST</u>					<u>TOTAL 6 YEARS</u>
		<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	
<u>GAS PROCESSING</u>							
ADDITIONS	270,000	93,000	254,000	97,000	2,605,000	101,000	3,420,000
REPLACEMENTS	<u>3,182,000</u>	<u>10,975,700</u>	<u>6,263,400</u>	<u>7,054,000</u>	<u>4,559,000</u>	<u>7,943,000</u>	<u>39,977,100</u>
TOTAL GAS PROCESSING	3,452,000	11,068,700	6,517,400	7,151,000	7,164,000	8,044,000	<u>43,397,100</u>
ACQUIRE ASSETS LEASE	3,452,000	11,068,700	6,517,400	7,151,000	7,164,000	8,044,000	43,397,100
<u>DISTRIBUTION</u>							
ADDITIONS	13,920,000	14,482,000	14,829,000	15,185,000	15,550,000	15,923,000	89,889,000
REPLACEMENTS	<u>84,837,000</u>	<u>86,083,000</u>	<u>87,357,000</u>	<u>88,662,000</u>	<u>90,000,000</u>	<u>91,368,000</u>	<u>528,307,000</u>
GROSS TOTAL DISTRIBUTION	98,757,000	100,565,000	102,186,000	103,847,000	105,550,000	107,291,000	<u>618,196,000</u>
LESS: SALVAGE							
LESS: CONTRIBUTIONS*							
LESS: REIMBURSEMENT**	<u>(4,312,504)</u>	<u>(4,399,000)</u>	<u>(4,487,000)</u>	<u>(4,577,000)</u>	<u>(4,669,000)</u>	<u>(4,762,000)</u>	<u>(27,206,504)</u>
NET TOTAL DISTRIBUTION	94,444,496	96,166,000	97,699,000	99,270,000	100,881,000	102,529,000	<u>590,989,496</u>
ACQUIRE ASSETS LEASE	94,444,496	96,166,000	97,699,000	99,270,000	100,881,000	102,529,000	590,989,496

PHILADELPHIA GAS WORKS

FISCAL YEAR 2020 AND FORECAST 2021 THROUGH 2025

<u>DEPARTMENT</u>	<u>2020 CAPITAL BUDGET</u>	<u>FORECAST</u>					<u>TOTAL 6 YEARS</u>
		<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	
<u>FIELD SERVICES</u>							
ADDITIONS	2,553,000	2,648,000	2,709,000	2,852,000	2,981,000	3,085,000	16,828,000
REPLACEMENTS	<u>9,336,000</u>	<u>8,097,000</u>	<u>8,133,000</u>	<u>7,171,000</u>	<u>6,702,000</u>	<u>6,238,000</u>	<u>45,677,000</u>
GROSS TOTAL FIELD SERVICES	11,889,000	10,745,000	10,842,000	10,023,000	9,683,000	9,323,000	<u>62,505,000</u>
LESS: SALVAGE							
LESS: CONTRIBUTIONS*							
NET TOTAL FIELD SERVICES	11,889,000	10,745,000	10,842,000	10,023,000	9,683,000	9,323,000	<u>62,505,000</u>
ACQUIRE ASSETS LEASE	11,889,000	10,745,000	10,842,000	10,023,000	9,683,000	9,323,000	62,505,000
<u>FLEET OPERATIONS</u>							
ADDITIONS	84,000						84,000
REPLACEMENTS	<u>2,669,000</u>	<u>6,132,000</u>	<u>3,893,000</u>	<u>4,261,000</u>	<u>8,658,000</u>	<u>4,588,000</u>	<u>30,201,000</u>
GROSS TOTAL FLEET OPERATIONS	2,753,000	6,132,000	3,893,000	4,261,000	8,658,000	4,588,000	<u>30,285,000</u>
LESS: SALVAGE							
NET TOTAL FLEET OPERATIONS	2,753,000	6,132,000	3,893,000	4,261,000	8,658,000	4,588,000	<u>30,285,000</u>
ACQUIRE ASSETS LEASE	2,753,000	6,132,000	3,893,000	4,261,000	8,658,000	4,588,000	30,285,000

PHILADELPHIA GAS WORKS

FISCAL YEAR 2020 AND FORECAST 2021 THROUGH 2025

<u>DEPARTMENT</u>	<u>2020 CAPITAL BUDGET</u>	<u>FORECAST</u>					<u>TOTAL 6 YEARS</u>
		<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	
<u>OTHER</u>							
ADDITIONS	678,000	300,350	307,533	314,888	322,589	330,480	2,253,840
REPLACEMENTS	<u>10,179,000</u>	<u>46,418,590</u>	<u>18,351,749</u>	<u>17,450,581</u>	<u>17,769,443</u>	<u>18,095,909</u>	<u>128,265,272</u>
TOTAL OTHER	10,857,000	46,718,940	18,659,282	17,765,469	18,092,032	18,426,389	<u>130,519,112</u>
ACQUIRE ASSETS LEASE	10,857,000	46,718,940	18,659,282	17,765,469	18,092,032	18,426,389	130,519,112
<u>TOTAL</u>							
ADDITIONS	17,505,000	17,523,350	18,099,533	18,448,888	21,458,589	19,439,480	112,474,840
REPLACEMENTS	<u>110,203,000</u>	<u>157,706,290</u>	<u>123,998,149</u>	<u>124,598,581</u>	<u>127,688,443</u>	<u>128,232,909</u>	<u>772,427,372</u>
GROSS TOTAL	127,708,000	175,229,640	142,097,682	143,047,469	149,147,032	147,672,389	<u>884,902,212</u>
LESS: SALVAGE							
LESS: REIMBURSEMENT**	(4,312,504)	(4,399,000)	(4,487,000)	(4,577,000)	(4,669,000)	(4,762,000)	<u>(27,206,504)</u>
LESS: CONTRIBUTIONS*							
NET TOTAL	<u>123,395,496</u>	<u>170,830,640</u>	<u>137,610,682</u>	<u>138,470,469</u>	<u>144,478,032</u>	<u>142,910,389</u>	<u>857,695,708</u>
ACQUIRE ASSETS LEASE	123,395,496	170,830,640	137,610,682	138,470,469	144,478,032	142,910,389	<u>857,695,708</u>

* CONTRIBUTIONS ARE POTENTIAL CUSTOMER CONTRIBUTIONS

** REIMBURSEMENT TO PGW FOR RELOCATING STRUCTURES & EQUIPMENT AND/OR LOAD GROWTH

PHILADELPHIA GAS WORKS
PROPOSED 2021 - 2025 FORECAST
(COMPARIISON)

<u>DEPARTMENT</u>	<u>2020 - 2024 FORECAST</u>	<u>2021 - 2025 FORECAST</u>	<u>AMOUNT DIFFERENCE</u>	<u>PERCENT DIFFERENCE</u>
<u>GAS PROCESSING</u>				
ADDITIONS	2,475,000	3,150,000	675,000	27.3%
REPLACEMENTS	<u>38,287,000</u>	<u>36,795,100</u>	<u>(1,491,900)</u>	-3.9%
TOTAL GAS PROCESSING	40,762,000	39,945,100	(816,900)	-2.0%
 <u>DISTRIBUTION</u>				
ADDITIONS	70,431,000	75,969,000	5,538,000	7.9%
REPLACEMENTS	<u>420,403,000</u>	<u>443,470,000</u>	<u>23,067,000</u>	5.5%
GROSS TOTAL DISTRIBUTION	490,834,000	519,439,000	28,605,000	5.8%
LESS: SALVAGE				
LESS: CONTRIBUTIONS*				
LESS: REIMBURSEMENT**	<u>(9,990,000)</u>	<u>(22,894,000)</u>	<u>(12,904,000)</u>	129.2%
NET TOTAL DISTRIBUTION	490,834,000	496,545,000	5,711,000	1.2%
 <u>FIELD SERVICES</u>				
ADDITIONS	17,390,000	14,275,000	(3,115,000)	-17.9%
REPLACEMENTS	<u>29,669,000</u>	<u>36,341,000</u>	<u>6,672,000</u>	22.5%
GROSS TOTAL FIELD SERVICES	47,059,000	50,616,000	3,557,000	7.6%
LESS: SALVAGE				
LESS: CONTRIBUTIONS*				
NET TOTAL FIELD SERVICES	47,059,000	50,616,000	3,557,000	7.6%

PHILADELPHIA GAS WORKS
PROPOSED 2021 - 2025 FORECAST
 (COMPARISON)

<u>DEPARTMENT</u>	<u>2020 - 2024 FORECAST</u>	<u>2021 - 2025 FORECAST</u>	<u>AMOUNT DIFFERENCE</u>	<u>PERCENT DIFFERENCE</u>
<u>FLEET OPERATIONS</u>				
ADDITIONS	84,000		(84,000)	
REPLACEMENTS	<u>19,399,000</u>	<u>27,532,000</u>	<u>8,133,000</u>	41.9%
GROSS TOTAL FLEET OPERATIONS	19,483,000	27,532,000	8,049,000	41.3%
LESS: SALVAGE				
NET TOTAL FLEET OPERATIONS	19,483,000	27,532,000	8,049,000	41.3%
 <u>OTHER</u>				
ADDITIONS	3,281,050	14,370,746	11,089,696	338.0%
REPLACEMENTS	<u>94,552,950</u>	<u>118,086,272</u>	<u>23,533,322</u>	24.9%
TOTAL OTHER	97,834,000	132,457,018	34,623,018	35.4%
 <u>TOTAL</u>				
ADDITIONS	93,661,050	107,764,746	14,103,696	15.1%
REPLACEMENTS	<u>602,310,950</u>	<u>662,224,372</u>	59,913,422	9.9%
GROSS TOTAL	695,972,000	769,989,118	74,017,118	10.6%
LESS: SALVAGE				
LESS: REIMBURSEMENT**	(9,990,000)	(22,894,000)	(12,904,000)	129.2%
LESS: CONTRIBUTIONS*				
NET TOTAL	<u>685,982,000</u>	<u>747,095,118</u>	<u>61,113,118</u>	8.9%

* CONTRIBUTIONS ARE POTENTIAL CUSTOMER CONTRIBUTIONS

** REIMBURSEMENT TO PGW FOR RELOCATING STRUCTURES & EQUIPMENT AND/OR LOAD GROWTH

GAS PROCESSING DEPARTMENT

FORECAST - FISCAL YEARS 2021 THROUGH 2025

		<u>2019 COMPLIANCE BUDGET</u>	<u>2020 COMPLIANCE BUDGET</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>TOTAL FORECAST</u>
<u>GP-1 NATURAL GAS MEASUREMENT AND CONTROL FACILITIES</u>									
1	53-01-2-03	NEW HEATER, GENERATOR AND STATION MODIFICATIONS	996,000		1,800,000		1,800,000		3,600,000
		TOTAL GP-1	<u>996,000</u>		<u>1,800,000</u>		<u>1,800,000</u>		<u>3,600,000</u>
<u>GP-2 SUPPLEMENTAL GAS FACILITIES</u>									
2	53-02-1-03	LIQUIFACTION FEEDGAS CO2 AND ETHANE REMOVAL - RICHMOND					2,000,000		2,000,000
2	53-02-1-04	INSTALL REPORTING HARDWARE AND SOFTWARE -RICHMOND AND PASS	292,000		159,000				159,000
2	53-02-1-05	INSTALL BOLLARDS AND BARRIERS AROUND EXPANDER PLANT - RICHMC	119,000	179,000					
2	53-02-1-06	INSTALL NEW CARD READERS & TURNSTILES AT MAIN GATE & BOILER AREA - PASSYUNK					506,000		
2	53-02-2-05	REPLACE FIBER OPTIC - PASSYUNK PLANT					1,299,000		1,299,000
2	53-02-2-06	REPLACE FIBER OPTIC - RICHMOND PLANT			86,000			2,472,000	2,558,000
1	53-02-2-08	REPLACE LNG SWITCHGEAR-RICHMOND			6,500,000				6,500,000
1	53-02-2-09	REPLACE RIVER WATER PUMP SWITCHGEAR AND RIVER WATER PUMPS -RICHMOND					5,000,000		5,000,000
1	53-02-2-11	REPLACE HAZARD DETECTION SYSTEM - PASSYUNK	2,976,000		1,397,000				1,397,000
1	53-02-2-12	DCS UPGRADES - RICHMOND				875,000			875,000
1	53-02-2-13	EXPANDER LIQUEFIER TSA SYSTEM UPGRADES - RICHMOND				2,000,000			2,000,000
2	53-02-2-14	REMODEL CENTRAL CONTROL ROOM - PASSYUNK				521,000			521,000
2	53-02-2-17	RELOCATE STEAM SILENCER - PASSYUNK		151,000					
2	53-02-2-18	ISOLATE NATURAL GAS HEATERS - PASSYUNK			168,000				168,000
2	53-02-2-19	REPLACE H2O ANALYZER - RICHMOND PLANT						204,000	204,000
2	53-02-2-20	UPGRADE H-1 HEATER CONTROLS - RICHMOND				2,619,400			2,619,400

GAS PROCESSING DEPARTMENT
FORECAST - FISCAL YEARS 2021 THROUGH 2025

		<u>2019 COMPLIANCE</u>	<u>2020 COMPLIANCE</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>TOTAL</u>	
		<u>BUDGET</u>	<u>BUDGET</u>						<u>FORECAST</u>	
2	53-02-2-21	REPLACE STEAM HEATING IN SWITCHGEAR BUILDING - PASSYUNK	149,000							
2	53-02-2-22	ISOLATE PIPING IN #77 HOUSE BASEMENT - RICHMOND		287,700					287,700	
2	53-02-2-23	Replace LNG Tank Deluge Piping - Passyunk			498,000					
2	53-02-2-24	Utility pole replacement - Passyunk			382,000					
2	53-02-2-25	Replace controls on LNG Vaporizers - Richmond			573,000					
2	53-02-2-26	Replace ESD Panel for V-101 - Richmond			92,000					
2	53-02-2-27	Replace Drain Line from E-22F Vaporizer			1,250,000					
2	53-02-2-28	Upgrade Main Gate Guard Shack - Passyunk		495,000					495,000	
		TOTAL GP-2	<u>3,536,000</u>	<u>3,125,000</u>	<u>8,933,700</u>	<u>6,174,400</u>	<u>5,000,000</u>	<u>3,805,000</u>	<u>2,676,000</u>	<u>26,083,100</u>
		<u>GP-3 BUILDING AND GROUNDS</u>								
2	53-03-2-01	RELOCATE TRAINING FACILITY - RICHMOND						5,000,000	5,000,000	
2	53-03-2-04	CONSOLIDATE ALL MAINTENANCE SHOPS AND CONSTRUCT NEW SHOP AREA - PASSYUNK					3,000,000		3,000,000	
		TOTAL GP-3	<u>819,000</u>				<u>3,000,000</u>	<u>5,000,000</u>	<u>8,000,000</u>	
1	53-04-1-01	MISCELLANEOUS CAPITAL ADDITIONS	89,000	91,000	93,000	95,000	97,000	99,000	101,000	485,000
1	53-04-2-01	MISCELLANEOUS CAPITAL REPLACEMENTS	309,000	236,000	242,000	248,000	254,000	260,000	267,000	1,271,000
		TOTAL GP-4	<u>398,000</u>	<u>327,000</u>	<u>335,000</u>	<u>343,000</u>	<u>351,000</u>	<u>359,000</u>	<u>368,000</u>	<u>1,756,000</u>
		2017 REAUTHORIZATION								
1	53-02-2-08	REPLACE P-106 PUMP - RICHMOND	<u>544,000</u>							
		TOTAL GAS PROCESSING DEPARTMENT	6,293,000	3,452,000	11,068,700	6,517,400	7,151,000	7,164,000	8,044,000	39,945,100
		ACQUIRE ASSETS LEASE	6,293,000	3,452,000	11,068,700	6,517,400	7,151,000	7,164,000	8,044,000	39,945,100

DISTRIBUTION DEPARTMENT
FORECAST - FISCAL YEARS 2021 THROUGH 2025

		<u>2019 COMPLIANCE</u>	<u>2020 COMPLIANCE</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>TOTAL</u>	
		<u>BUDGET</u>	<u>BUDGET</u>						<u>FORECAST</u>	
<u>D-20 HIGH PRESSURE MAINS</u>										
4	52-20-1-01	INSTALLATIONS TO PROVIDE FOR AHEAD-OF-PAVING AND EXTENSIONS TO SUPPLY ADDITIONAL LOADS	1,216,000	2,091,000	2,370,000	2,427,000	2,485,000	2,545,000	2,606,000	12,433,000
3	52-20-2-01	ENFORCED RELOCATIONS CAUSED BY CITY AND STATE WORK	1,771,000	1,898,000	1,944,000	1,991,000	2,039,000	2,088,000	2,138,000	10,200,000
GROSS TOTAL D-20		2,987,000	3,989,000	4,314,000	4,418,000	4,524,000	4,633,000	4,744,000	22,633,000	
52-20-2-97	LESS: REIMBURSEMENT** LESS: CONTRIBUTIONS*									
NET TOTAL D-20		<u>2,987,000</u>	<u>3,989,000</u>	<u>4,314,000</u>	<u>4,418,000</u>	<u>4,524,000</u>	<u>4,633,000</u>	<u>4,744,000</u>	<u>22,633,000</u>	
<u>D-21 8 INCH AND SMALLER I. P. AND L. P. MAIN</u>										
4	52-21-1-01	MAINS TO SUPPLY NEW CUSTOMERS AND TO PROVIDE FOR INCREASED CAPACITY	2,548,000	2,545,000	2,606,000	2,669,000	2,733,000	2,799,000	2,866,000	13,673,000
3	52-21-2-01	ENFORCED RELOCATIONS CAUSED BY CITY, STATE AND OTHER WORK	6,946,000	6,483,000	6,639,000	6,798,000	6,961,000	7,128,000	7,299,000	34,825,000
1	52-21-2-02	PRUDENT MAIN REPLACEMENTS	17,115,000	20,162,000	20,646,000	21,142,000	21,649,000	22,169,000	22,701,000	108,307,000
1	52-21-2-03	LONG TERM INFRASTRUCTURE PLAN - DSIC	33,000,000	33,000,000	33,000,000	33,000,000	33,000,000	33,000,000	33,000,000	165,000,000
GROSS TOTAL D-21		59,609,000	62,190,000	62,891,000	63,609,000	64,343,000	65,096,000	65,866,000	321,805,000	
52-21-2-97	LESS: REIMBURSEMENT** LESS: CONTRIBUTIONS*		<u>(1,882,767)</u>	<u>(4,312,504)</u>	<u>(4,399,000)</u>	<u>(4,487,000)</u>	<u>(4,577,000)</u>	<u>(4,669,000)</u>	<u>(4,762,000)</u>	<u>(22,894,000)</u>
NET TOTAL D-21		<u>57,726,233</u>	<u>57,877,496</u>	<u>58,492,000</u>	<u>59,122,000</u>	<u>59,766,000</u>	<u>60,427,000</u>	<u>61,104,000</u>	<u>298,911,000</u>	

DISTRIBUTION DEPARTMENT
FORECAST - FISCAL YEARS 2021 THROUGH 2025

	<u>2019 COMPLIANCE</u> <u>BUDGET</u>	<u>2020 COMPLIANCE</u> <u>BUDGET</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>TOTAL</u> <u>FORECAST</u>
D-22 12 INCH AND LARGER I. P. AND L. P. MAIN								
4 52-22-1-01 TO SUPPLY NEW CUSTOMERS AND TO PROVIDE FOR INSTALLATION OF MAINS AHEAD-OF-PAVING	129,000	175,000	179,000	183,000	187,000	191,000	196,000	936,000
3 52-22-2-01 MAIN FOR MAJOR ENFORCED RELOCATION	487,000	500,000	512,000	524,000	537,000	550,000	563,000	2,686,000
52-2X-X-XX NON-RECURRING ITEMS		411,000	421,000	431,000	441,000	452,000	463,000	
GROSS TOTAL D-22	<u>616,000</u>	<u>1,086,000</u>	<u>1,112,000</u>	<u>1,138,000</u>	<u>1,165,000</u>	<u>1,193,000</u>	<u>1,222,000</u>	<u>3,622,000</u>
52-22-2-97 LESS: REIMBURSEMENT** LESS: CONTRIBUTIONS*								
NET TOTAL D-22	<u>616,000</u>	<u>1,086,000</u>	<u>1,112,000</u>	<u>1,138,000</u>	<u>1,165,000</u>	<u>1,193,000</u>	<u>1,222,000</u>	<u>3,622,000</u>
D-23 CUSTOMER METERING & REGULATOR INSTALLATION, AND PRESSURE REGULATION & CORROSION CONTROL FACILITIES								
4 52-23-1-01 CUSTOMER METERING AND REGULATOR INSTALLATION	479,000	345,000	353,000	361,000	370,000	379,000	388,000	1,851,000
1 52-23-2-01 REPLACEMENT/REHABILITATION OF HIGH PRESSURE MAIN VALVES	531,000	542,000	555,000	568,000	582,000	596,000	610,000	2,911,000
2 52-23-2-02 REPLACEMENT OF VARIOUS PRESSURE REGULATING AND CORROSION CONTROL FACILITIES	474,000	486,000	498,000	510,000	522,000	535,000	548,000	<u>2,613,000</u>
GROSS TOTAL D-23	<u>1,484,000</u>	<u>1,373,000</u>	<u>1,406,000</u>	<u>1,439,000</u>	<u>1,474,000</u>	<u>1,510,000</u>	<u>1,546,000</u>	<u>7,375,000</u>
LESS: REIMBURSEMENT** LESS: CONTRIBUTIONS*								
TOTAL D-23	<u>1,484,000</u>	<u>1,373,000</u>	<u>1,406,000</u>	<u>1,439,000</u>	<u>1,474,000</u>	<u>1,510,000</u>	<u>1,546,000</u>	<u>7,375,000</u>

DISTRIBUTION DEPARTMENT
FORECAST - FISCAL YEARS 2021 THROUGH 2025

	<u>2019 COMPLIANCE</u> <u>BUDGET</u>	<u>2020 COMPLIANCE</u> <u>BUDGET</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>TOTAL</u> <u>FORECAST</u>	
<u>D-24 SERVICES</u>									
4 52-24-1-01	INSTALLATION OF NEW 1-1/4" AND SMALLER SERVICES, HIGH, INTERMEDIATE AND LOW PRESSURE	6,365,000	6,557,000	6,714,000	6,875,000	7,040,000	7,209,000	7,382,000	35,220,000
4 52-24-1-02	INSTALLATION OF NEW 2 INCH AND LARGER SERVICES, HIGH, INTERMEDIATE AND LOW PRESSURE	2,290,000	2,207,000	2,260,000	2,314,000	2,370,000	2,427,000	2,485,000	11,856,000
1 52-24-2-01	RENEWAL OF 1-1/4" AND SMALLER SERVICES FOR PRUDENT REASONS, AS A RESULT OF LEAK SURVEYS, CUSTOMER COMPLAINTS OR CITY AND STATE WORK	18,092,000	18,748,000	19,198,000	19,659,000	20,131,000	20,614,000	21,109,000	100,711,000
1 52-24-2-02	RENEWAL OF 2" AND LARGER SERVICES	1,043,000	991,000	1,015,000	1,039,000	1,064,000	1,090,000	1,116,000	5,324,000
	GROSS TOTAL D-24	<u>27,790,000</u>	<u>28,503,000</u>	<u>29,187,000</u>	<u>29,887,000</u>	<u>30,605,000</u>	<u>31,340,000</u>	<u>32,092,000</u>	<u>153,111,000</u>
52-24-2-97	LESS: REIMBURSEMENT** LESS: CONTRIBUTIONS*								
	TOTAL D-24	<u>27,790,000</u>	<u>28,503,000</u>	<u>29,187,000</u>	<u>29,887,000</u>	<u>30,605,000</u>	<u>31,340,000</u>	<u>32,092,000</u>	<u>153,111,000</u>
<u>D-29 OTHER DISTRIBUTION FACILITIES</u>									
2 52-29-1-01	ADDITIONAL TOOLS AND WORK EQUIPMENT	150,000							
2 52-29-2-01	REPLACEMENT OF OBSOLETE TOOLS, RADIOS, AND WORK EQUIPMENT	1,367,000	1,616,000	1,655,000	1,695,000	1,736,000	1,778,000	1,821,000	8,685,000
	TOTAL D-29	<u>1,517,000</u>	<u>1,616,000</u>	<u>1,655,000</u>	<u>1,695,000</u>	<u>1,736,000</u>	<u>1,778,000</u>	<u>1,821,000</u>	<u>8,685,000</u>
1 52-99-2-99	<u>D-99 REMOVAL AND ABANDONMENTS</u>								
	GROSS TOTAL DISTRIBUTION DEPARTMENT	94,003,000	98,757,000	100,565,000	102,186,000	103,847,000	105,550,000	107,291,000	519,439,000
52-98-2-98	LESS: SALVAGE								
	LESS: CONTRIBUTIONS*								
	LESS: REIMBURSEMENT**	<u>(1,882,767)</u>	<u>(4,312,504)</u>	<u>(4,399,000)</u>	<u>(4,487,000)</u>	<u>(4,577,000)</u>	<u>(4,669,000)</u>	<u>(4,762,000)</u>	<u>(22,894,000)</u>
	NET TOTAL DISTRIBUTION DEPARTMENT	<u>92,120,233</u>	<u>94,444,496</u>	<u>96,166,000</u>	<u>97,699,000</u>	<u>99,270,000</u>	<u>100,881,000</u>	<u>102,529,000</u>	<u>496,545,000</u>
	ACQUIRE ASSETS	92,120,233	94,444,496	96,166,000	97,699,000	99,270,000	100,881,000	102,529,000	496,545,000
	LEASE								

* CONTRIBUTIONS ARE POTENTIAL CUSTOMER CONTRIBUTIONS

** REIMBURSEMENT TO PGW FOR RELOCATING STRUCTURES & EQUIPMENT AND/OR LOAD GROWTH

FIELD SERVICES DEPARTMENT

FORECAST - FISCAL YEARS 2021 THROUGH 2025

	<u>2019 COMPLIANCE BUDGET</u>	<u>2020 COMPLIANCE BUDGET</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>TOTAL FORECAST</u>
<u>C-30 METERS</u>								
4 50-30-1-01 ADDITIONS AND INSTALLATIONS	2,008,000	2,197,000	2,284,000	2,370,000	2,486,000	2,590,000	2,701,000	<u>12,431,000</u>
1 50-30-2-01 REPLACEMENTS	<u>2,706,000</u>	<u>2,496,000</u>	<u>2,768,000</u>	<u>2,822,000</u>	<u>2,908,000</u>	<u>2,978,000</u>	<u>3,051,000</u>	<u>14,527,000</u>
TOTAL C-30	<u>4,714,000</u>	<u>4,693,000</u>	<u>5,052,000</u>	<u>5,192,000</u>	<u>5,394,000</u>	<u>5,568,000</u>	<u>5,752,000</u>	<u>26,958,000</u>
<u>C-32 SERVICES REGULATORS</u>								
4 50-32-1-01 ADDITIONS AND INSTALLATIONS	68,000	60,000	61,000	62,000	64,000	66,000	67,000	<u>320,000</u>
1 50-32-2-01 REPLACEMENTS	<u>42,000</u>	<u>72,000</u>	<u>76,000</u>	<u>78,000</u>	<u>80,000</u>	<u>82,000</u>	<u>84,000</u>	<u>400,000</u>
TOTAL C-32	<u>110,000</u>	<u>132,000</u>	<u>137,000</u>	<u>140,000</u>	<u>144,000</u>	<u>148,000</u>	<u>151,000</u>	<u>720,000</u>
<u>C-33 TELEMETERING</u>								
1 50-33-1-01 ADDITIONS AND INSTALLATIONS	146,000	82,000	84,000	85,000	88,000	90,000	93,000	<u>440,000</u>
1 50-33-2-01 REPLACEMENTS	<u>126,000</u>	<u>91,000</u>						
TOTAL C-33	<u>272,000</u>	<u>173,000</u>	<u>84,000</u>	<u>85,000</u>	<u>88,000</u>	<u>90,000</u>	<u>93,000</u>	<u>440,000</u>

FLEET OPERATIONS DEPARTMENT
FORECAST - FISCAL YEARS 2021 THROUGH 2025

	<u>2019 COMPLIANCE</u> <u>BUDGET</u>	<u>2020 COMPLIANCE</u> <u>BUDGET</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>TOTAL</u> <u>FORECAST</u>
73-01-1-03 VEHICLE ADDITIONS		84,000.00						
73-01-2-01 SHOP EQUIPMENT REPLACEMENTS	12,000	23,000						
73-01-2-02 MOBILE EQUIPMENT REPLACEMENTS	415,000	773,000	925,000	1,091,000	778,000	2,616,000	227,000	5,637,000
73-01-2-03 VEHICLE REPLACEMENTS	1,608,000	1,873,000	5,207,000	2,802,000	3,483,000	6,042,000	4,361,000	21,895,000
73-98-2-98 LESS: SALVAGE								
NET TOTAL FLEET OPERATIONS DEPARTMENT	<u>2,035,000</u>	<u>2,753,000</u>	<u>6,132,000</u>	<u>3,893,000</u>	<u>4,261,000</u>	<u>8,658,000</u>	<u>4,588,000</u>	<u>27,532,000</u>
ACQUIRE ASSETS LEASE	2,035,000	2,753,000	6,132,000	3,893,000	4,261,000	8,658,000	4,588,000	27,532,000

OTHER DEPARTMENTS
FORECAST - FISCAL YEARS 2021 THROUGH 2025

			<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>TOTAL</u>
			<u>COMPLIANCE</u>	<u>COMPLIANCE</u>						<u>FORECAST</u>
			<u>BUDGET</u>	<u>BUDGET</u>						
<u>FACILITIES</u>										
1	72-01-1-01	MISCELLANEOUS CAPITAL ADDITIONS	150,000	150,000	150,000	153,450	156,979	160,747	164,605	785,781
1	72-01-1-02	MISCELLANEOUS CAPITAL ADDITIONS - GAS PROCESSING	8,000	12,000	13,000	13,299	13,605	13,931	14,266	68,101
1	72-01-2-01	MISCELLANEOUS CAPITAL REPLACEMENTS/STRUCTURAL REPAIRS	418,000	418,000	404,000	413,292	422,798	432,945	443,336	2,116,371
1	72-01-2-02	MISCELLANEOUS CAPITAL REPLACEMENTS - GAS PROCESSING	24,000	48,000	49,000	50,127	51,280	52,511	53,771	256,689
1	72-01-2-03	MISC CAPITAL REPL - STRUCTURAL REPAIRS - GAS PROCESSING	34,000	60,000	61,000	62,403	63,838	65,370	66,939	319,550
1	72-01-2-04	REPLACE CARPETS - ALL LOCATIONS	61,000	75,000	75,000	76,725	78,490	80,373	82,302	392,890
1	72-01-2-05	REPLACE MODULAR FURNITURE	67,000	100,000	75,000	76,725	78,490	80,373	82,302	392,890
1	72-01-2-06	REPLACE 800 AHU HW, CHW CONTROL VALVES, DAMPER ACTUATORS	1,040,000	226,000						
2	72-01-2-07	REPLACE 1800 ROOF		3,105,000						
1	72-01-2-08	800 BUILDING			450,575	460,938	471,540	482,857	494,445	2,360,355
2	72-01-2-09	1800 BUILDING			8,100,430	8,286,740	8,477,335	8,680,791	8,889,130	42,434,426
1	72-01-2-10	1849 BUILDING AND PARKING GARAGE			2,157,067	2,206,680	2,257,433	2,311,612	2,367,090	11,299,882
1	72-01-2-11	METER SHOP			641,429	656,182	671,274	687,385	703,882	3,360,152
2	72-01-2-12	BELFIELD STATION			116,043	118,712	121,442	124,357	127,342	607,896
1	72-01-2-13	CASTOR STATION			179,188	183,309	187,525	192,026	196,635	938,683
2	72-01-2-14	PORTER STATION			126,588	129,500	132,478	135,657	138,913	663,136
2	72-01-2-15	TIOGA STATION			180,270	184,416	188,658	193,186	197,822	944,352
	72-01-XX-XX	NON-RECURRING ITEMS		1,425,000	4,900,000	1,200,000				6,100,000
		TOTAL FACILITIES	<u>1,802,000</u>	<u>5,619,000</u>	<u>17,678,590</u>	<u>14,272,498</u>	<u>13,373,165</u>	<u>13,694,121</u>	<u>14,022,780</u>	<u>73,041,154</u>

OTHER DEPARTMENTS
FORECAST - FISCAL YEARS 2021 THROUGH 2025

		<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>TOTAL</u>
		<u>COMPLIANCE</u>	<u>COMPLIANCE</u>						<u>FORECAST</u>
<u>INFORMATION SERVICES</u>									
2	47-01-1-01	MISCELLANEOUS SERVER, NETWORK, & HARDWARE ADDITIONS							
		62,000	59,000	60,475	61,987	63,537	65,125	66,753	317,877
2	47-01-1-02	MISCELLANEOUS SOFTWARE ADDITIONS							
		205,000	75,000	76,875	78,797	80,767	82,786	84,856	404,081
<u>SYSTEM & NETWORK MONITORING</u>									
2	47-01-1-03	APPLIANCE ADDITIONS							
		185,000	382,000						
1	47-01-1-04	ENVIRONMENTAL MANAGEMENT SYSTEM							
		230,000							
2	47-01-1-05	AIMS CORROSION							
		400,000							
2	47-01-1-06	GIS IMPLEMENTATION							
		1,225,000							
2	47-01-2-01	REPLACEMENT							
		484,000	475,000	51,000	52,000	53,000	54,000	55,000	265,000
<u>MISCELLANEOUS SOFTWARE</u>									
2	47-01-2-02	REPLACEMENTS							
		50,000	50,000	51,000	52,000	53,000	54,000	55,000	265,000
2	47-01-2-03	PRI TO SIP CONVERSION REPLACEMENTS							
		310,000							
<u>CUSTOMER INFORMATION SYSTEMS</u>									
2	47-01-2-04	(CIS/BCCS) REPLACEMENTS							
		12,692,000		19,970,000					19,970,000
<u>2017 REAUTHORIZATION</u>									
5	10-01-1-01	DSM DATABASE							
		87,000							
5	10-01-1-02	PUC LIURP							
		35,000							
TOTAL INFORMATION SERVICES		<u>15,965,000</u>	<u>1,041,000</u>	<u>20,209,350</u>	<u>244,784</u>	<u>250,304</u>	<u>255,911</u>	<u>261,609</u>	<u>21,221,958</u>

OTHER DEPARTMENTS
FORECAST - FISCAL YEARS 2021 THROUGH 2025

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>TOTAL</u>
	<u>COMPLIANCE</u>	<u>COMPLIANCE</u>						<u>FORECAST</u>
<u>CHIEF OPERATING OFFICER</u>								
1 13-01-2-XX	CONDITIONAL FUNDINGS							
1 13-01-2-01	CONDITIONAL FUNDING FOR CAPITAL NEEDS RELATED TO SAFETY							
	250,000	3,387,010	2,884,302	2,884,302	2,884,302	2,884,302	2,884,302	25,958,718
2 13-01-2-02	CONDITIONAL FUNDING FOR CAPITAL NEEDS RELATED TO RELIABILITY OF SERVICE							
	250,000	169,445	759,588	759,588	759,588	759,588	759,588	6,836,292
4 13-01-2-03	CONDITIONAL FUNDING FOR CAPITAL NEEDS RELATED TO COST-JUSTIFIED LOAD GROWTH							
	250,000	585,545	498,110	498,110	498,110	498,110	498,110	4,482,990
	<u>750,000</u>	<u>4,142,000</u>	<u>4,142,000</u>	<u>4,142,000</u>	<u>4,142,000</u>	<u>4,142,000</u>	<u>4,142,000</u>	<u>25,958,718</u>
<u>VP TECHNICAL COMPLIANCE</u>								
1 38-01-1-01	BIOSPARGE AND SOIL VAPOR EXTRACTION SYSTEM							
			4,689,000					4,689,000
			<u>4,689,000</u>					<u>4,689,000</u>
<u>CHEMICAL SERVICES</u>								
1 31-01-1-01	LAB EQUIPMENT-XRF ANALYZER							
		55,000						
		<u>55,000</u>						
<u>SECURITY & LOST PREVENTION</u>								
1 65-01-2-01	VIDEO AND RECORDING DEVICE REPLACEMENT							
	327,000							
	327,000							
	<u>18,844,000</u>	<u>10,857,000</u>	<u>46,718,940</u>	<u>18,659,282</u>	<u>17,765,469</u>	<u>18,092,032</u>	<u>18,426,389</u>	<u>124,910,830</u>
	TOTAL OTHER DEPARTMENTS ACQUIRE ASSETS LEASE							