

PHILADELPHIA GAS WORKS

**COMPLIANCE
FISCAL 2017 CAPITAL BUDGET
AND
FORECAST FISCAL 2018 - 2022**

**WITH
FISCAL 2017 FINANCING PLAN**

April 26, 2016



PHILADELPHIA GAS WORKS

PROPOSED
CAPITAL BUDGET

FISCAL YEAR 2017 AND FORECAST 2018 THROUGH 2022

	<u>2017 CAPITAL BUDGET</u>	<u>2018 - 2022 FORECAST</u>	<u>TOTAL 6 YEARS</u>
<u>GAS PROCESSING</u>			
ADDITIONS	178,000	10,350,000	10,528,000
REPLACEMENTS	<u>5,678,000</u>	<u>16,900,000</u>	<u>22,578,000</u>
TOTAL	<u>5,856,000</u>	<u>27,250,000</u>	<u>33,106,000</u>
<u>DISTRIBUTION</u>			
ADDITIONS	10,394,000	55,672,000	66,066,000
REPLACEMENTS	<u>82,296,000</u>	<u>440,765,000</u>	<u>523,061,000</u>
GROSS TOTAL	92,690,000	496,437,000	589,127,000
LESS: SALVAGE			
LESS: CONTRIBUTIONS*			
LESS: REIMBURSEMENTS**	<u>(2,249,000)</u>	<u>(11,959,000)</u>	<u>(14,208,000)</u>
NET TOTAL	<u>90,441,000</u>	<u>484,478,000</u>	<u>574,919,000</u>
<u>FIELD SERVICES</u>			
ADDITIONS	1,786,000	10,504,000	12,290,000
REPLACEMENTS	<u>5,251,000</u>	<u>30,124,000</u>	<u>35,375,000</u>
GROSS TOTAL	7,037,000	40,628,000	47,665,000
LESS: SALVAGE			
LESS: CONTRIBUTIONS*			
NET TOTAL	<u>7,037,000</u>	<u>40,628,000</u>	<u>47,665,000</u>
<u>FLEET OPERATIONS</u>			
ADDITIONS	80,000		80,000
REPLACEMENTS	<u>5,803,000</u>	<u>14,078,000</u>	<u>19,881,000</u>
GROSS TOTAL	5,883,000	14,078,000	19,961,000
LESS: SALVAGE			
NET TOTAL	<u>5,883,000</u>	<u>14,078,000</u>	<u>19,961,000</u>

PHILADELPHIA GAS WORKS

PROPOSED
CAPITAL BUDGET

FISCAL YEAR 2017 AND FORECAST 2018 THROUGH 2022

	<u>2017 CAPITAL BUDGET</u>	<u>2018 - 2022 FORECAST</u>	<u>TOTAL 6 YEARS</u>
<u>OTHER DEPARTMENTS</u>			
ADDITIONS	1,959,000	2,190,000	4,149,000
REPLACEMENTS	<u>4,825,000</u>	<u>8,851,000</u>	<u>13,676,000</u>
TOTAL	<u>6,784,000</u>	<u>11,041,000</u>	<u>17,825,000</u>
<u>TOTAL</u>			
ADDITIONS	14,397,000	78,716,000	93,113,000
REPLACEMENTS	<u>103,853,000</u>	<u>510,718,000</u>	<u>614,571,000</u>
GROSS TOTAL	118,250,000	589,434,000	707,684,000
LESS: SALVAGE			
LESS: REIMBURSEMENTS**	(2,249,000)	(11,959,000)	(14,208,000)
LESS: CONTRIBUTIONS*			
NET TOTAL	<u>116,001,000</u>	<u>577,475,000</u>	<u>693,476,000</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

DEPARTMENT	2016 AMENDED BUDGET	2017 FORECAST	2017 BUDGET	2017 BUDGET vs 2016 AMENDED BUDGET		2017 BUDGET vs 2017 FORECAST	
				AMOUNT DIFFERENCE	PERCENT DIFFERENCE	AMOUNT DIFFERENCE	PERCENT DIFFERENCE
GAS PROCESSING							
ADDITIONS	324,000	489,000	178,000	(146,000)	-45.1%	(311,000)	-63.6%
REPLACEMENTS	<u>5,582,000</u>	<u>7,453,000</u>	<u>5,678,000</u>	<u>96,000</u>	<u>1.7%</u>	<u>(1,775,000)</u>	<u>-23.8%</u>
TOTAL GAS PROCESSING	5,906,000	7,942,000	5,856,000	(50,000)	-0.8%	(2,086,000)	-26.3%
DISTRIBUTION							
ADDITIONS	10,300,000	10,429,000	10,394,000	94,000	0.9%	(35,000)	-0.3%
REPLACEMENTS	<u>80,420,000</u>	<u>79,819,000</u>	<u>82,296,000</u>	<u>1,876,000</u>	<u>2.3%</u>	<u>2,477,000</u>	<u>3.1%</u>
GROSS TOTAL DISTRIBUTION	90,720,000	90,248,000	92,690,000	1,970,000	2.2%	2,442,000	2.7%
LESS: SALVAGE					N/A		N/A
LESS: CONTRIBUTIONS*					N/A		N/A
LESS: REIMBURSEMENT**	<u>(8,299,000)</u>		<u>(2,249,000)</u>	<u>6,050,000</u>	<u>-72.9%</u>	<u>(2,249,000)</u>	<u>N/A</u>
NET TOTAL DISTRIBUTION	82,421,000	90,248,000	90,441,000	8,020,000	9.7%	193,000	0.2%
FIELD SERVICES							
ADDITIONS	1,745,000	1,783,000	1,786,000	41,000	2.3%	3,000	0.2%
REPLACEMENTS	<u>4,960,000</u>	<u>4,999,000</u>	<u>5,251,000</u>	<u>291,000</u>	<u>5.9%</u>	<u>252,000</u>	<u>5.0%</u>
GROSS TOTAL FIELD SERVICES	6,705,000	6,782,000	7,037,000	332,000	5.0%	255,000	3.8%
LESS: SALVAGE					N/A		N/A
LESS: CONTRIBUTIONS*					N/A		N/A
NET TOTAL FIELD SERVICES	6,705,000	6,782,000	7,037,000	332,000	5.0%	255,000	3.8%

PHILADELPHIA GAS WORKS
PROPOSED CAPITAL BUDGET
BUDGET/FORECAST COMPARISON

DEPARTMENT	2016 AMENDED BUDGET	2017 FORECAST	2017 BUDGET	2017 BUDGET vs 2016 AMENDED BUDGET		2017 BUDGET vs 2017 FORECAST	
				AMOUNT DIFFERENCE	PERCENT DIFFERENCE	AMOUNT DIFFERENCE	PERCENT DIFFERENCE
FLEET OPERATIONS							
ADDITIONS	750,000		80,000	(670,000)	-89.3%	80,000	N/A
REPLACEMENTS	<u>7,412,000</u>	<u>4,795,000</u>	<u>5,803,000</u>	<u>(1,609,000)</u>	<u>-21.7%</u>	<u>1,008,000</u>	<u>21.0%</u>
GROSS TOTAL FLEET OPERATIONS	8,162,000	4,795,000	5,883,000	(2,279,000)	-27.9%	1,088,000	22.7%
LESS: SALVAGE					N/A		N/A
NET TOTAL TRANSPORTATION	8,162,000	4,795,000	5,883,000	(2,279,000)	-27.9%	1,088,000	22.7%
OTHER							
ADDITIONS	4,733,000	368,000	1,959,000	(2,774,000)	-58.6%	1,591,000	432.3%
REPLACEMENTS	<u>6,885,000</u>	<u>3,529,000</u>	<u>4,825,000</u>	<u>(2,060,000)</u>	<u>-29.9%</u>	<u>1,296,000</u>	<u>36.7%</u>
TOTAL OTHER	11,618,000	3,897,000	6,784,000	(4,834,000)	-41.6%	2,887,000	74.1%
TOTAL							
ADDITIONS	17,852,000	13,069,000	14,397,000	(3,455,000)	-19.4%	1,328,000	10.2%
REPLACEMENTS	<u>105,259,000</u>	<u>100,595,000</u>	<u>103,853,000</u>	<u>(1,406,000)</u>	<u>-1.3%</u>	<u>3,258,000</u>	<u>3.2%</u>
GROSS TOTAL	123,111,000	113,664,000	118,250,000	(4,861,000)	-3.9%	4,586,000	4.0%
LESS: SALVAGE					N/A		N/A
LESS: REIMBURSEMENT**	(8,299,000)		(2,249,000)	6,050,000	-72.9%	(2,249,000)	N/A
LESS: CONTRIBUTIONS*					N/A		N/A
NET TOTAL	<u>114,812,000</u>	<u>113,664,000</u>	<u>116,001,000</u>	<u>1,189,000</u>	<u>1.0%</u>	<u>2,337,000</u>	<u>2.1%</u>

* CONTRIBUTIONS ARE POTENTIAL CUSTOMER CONTRIBUTIONS

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

PHILADELPHIA GAS WORKS
 FISCAL YEAR 2017 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	14,397,000	14,228,000	103,853,000	90,881,000	118,250,000	105,109,000
YEAR 1		169,000		12,222,000		12,391,000
YEAR 2						
YEAR 3						
YEAR 4 AND BEYOND						
TOTAL	14,397,000	14,397,000	103,853,000	103,103,000	118,250,000	117,500,000

GAS PROCESSING DEPARTMENT
FISCAL YEAR 2017 CAPITAL BUDGET

SUMMARY

<u>CATEGORY</u>	<u>ADDITIONS</u>	<u>REPLACEMENTS</u>	<u>COST OF REMOVAL</u>	<u>TOTAL</u>
53-01 NATURAL GAS MEASUREMENT AND CONTROL FACILITIES				
53-02 SUPPLEMENTAL GAS FACILITIES	54,000	5,313,000		5,367,000
53-03 BUILDING AND GROUNDS				
53-04 MISC CAPITAL REQUIREMENTS	124,000	365,000		489,000
TOTAL GAS PROCESSING	<u>178,000</u>	<u>5,678,000</u>		<u>5,856,000</u>

GAS PROCESSING DEPARTMENT

FISCAL YEAR 2017

BUDGET/FORECAST COMPARISON

CATEGORY	2016 AMENDED		2017		2017 BUDGET vs 2016 AMENDED BUDGET		2017 BUDGET vs 2017 FORECAST	
	BUDGET	FORECAST	BUDGET	FORECAST	\$ DIFF.	% DIFF.	\$ DIFF.	% DIFF.
53-01 NATURAL GAS MEASUREMENT AND CONTROL FACILITIES	0	0	0	0	N/A	N/A	0	N/A
	0	0	0	0	N/A	N/A	0	N/A
TOTAL	0	0	0	0	N/A	N/A	0	N/A
53-02 SUPPLEMENTAL GAS FACILITIES	220,000	383,000	54,000	383,000	(166,000)	-75.5%	(329,000)	-85.9%
	3,731,000	7,126,000	5,313,000	7,126,000	1,582,000	42.4%	(1,813,000)	-25.4%
TOTAL	3,951,000	7,509,000	5,367,000	7,509,000	1,416,000	35.8%	(2,142,000)	-28.5%
53-03 BUILDING AND GROUNDS	0	0	0	0	0	N/A	0	N/A
	1,482,000	0	0	0	(1,482,000)	-100.0%	0	N/A
TOTAL	1,482,000	0	0	0	(1,482,000)	-100.0%	0	N/A
53-04 MISC CAPITAL REQUIREMENTS	104,000	106,000	124,000	106,000	20,000	19.2%	18,000	17.0%
	369,000	327,000	365,000	327,000	(4,000)	-1.1%	38,000	11.6%
TOTAL	473,000	433,000	489,000	433,000	16,000	3.4%	56,000	12.9%
TOTAL GAS PROCESSING	5,906,000	7,942,000	5,856,000	7,942,000	(50,000)	-0.8%	(2,086,000)	-26.3%

GAS PROCESSING DEPARTMENT
FISCAL YEAR 2017 CAPITAL BUDGET

<u>P</u>			<u>AMOUNT</u>
	<u>GP-2</u>	<u>SUPPLEMENTAL GAS FACILITIES</u>	
1	53-02-1-01	INSTALL BLOCK VALVE UPSTREAM OF V-101-RICHMOND	54,000
1	53-02-2-01	REPLACE H-2 HEATER-RICHMOND	1,215,000
1	53-02-2-02	DCS UPGRADES-RICHMOND	876,000
1	53-02-2-03	RELOCATE LNG CONTROL ROOM TRANSFORMERS-PASSYUNK	635,000
1	53-02-2-04	REPLACE FOAM WATER PIPING-PASSYUNK	975,000
1	53-02-2-05	REPAIR LNG TANK DIKE-PASSYUNK	83,000
1	53-02-2-06	UPGRADE OIL RECOVERY AST SYSTEM-PASSYUNK	179,000
1	53-02-2-07	REMOVE & REPLACE ELECTRICAL PANEL 203813-PASSYUNK	105,000
1	53-02-2-08	REPLACE P-106 PUMP-RICHMOND	1,245,000
		TOTAL GP-2	<u>5,367,000</u>
	<u>GP-4</u>	<u>MISCELLANEOUS CAPITAL REQUIREMENTS</u>	
1	53-04-1-01	MISCELLANEOUS CAPITAL ADDITIONS	124,000
1	53-04-2-01	MISCELLANEOUS CAPITAL REPLACEMENTS	365,000
		TOTAL GP-4	<u>489,000</u>
		TOTAL GAS PROCESSING DEPARTMENT	<u>5,856,000</u>

GAS PROCESSING DEPARTMENT

LISTING BY PRIORITY

FISCAL YEAR 2017 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>YEAR 4 +</u>
	<u>PRIORITY 1</u>						
1	GP-2 53-02-1-01 <u>INSTALL BLOCK VALVE UPSTREAM OF V-101-RICHMOND</u>	54,000	50,000	4,000			
1	GP-2 53-02-2-01 <u>REPLACE H-2 HEATER-RICHMOND</u>	1,215,000	992,000	223,000			
1	GP-2 53-02-2-02 <u>DCS UPGRADES-RICHMOND</u>	876,000	876,000				
1	GP-2 53-02-2-03 <u>RELOCATE LNG CONTROL ROOM TRANSFORMERS-PASSYUNK</u>	635,000	96,000	539,000			
1	GP-2 53-02-2-04 <u>REPLACE FOAM WATER PIPING-PASSYUNK</u>	975,000	794,000	181,000			
1	GP-2 53-02-2-05 <u>REPAIR LNG TANK DIKE-PASSYUNK</u>	83,000	68,000	15,000			
1	GP-2 53-02-2-06 <u>UPGRADE OIL RECOVERY AST SYSTEM-PASSYUNK</u>	179,000	166,000	13,000			
1	GP-2 53-02-2-07 <u>REMOVE & REPLACE ELECTRICAL PANEL 203813-PASSYUNK</u>	105,000	105,000				
1	GP-2 53-02-2-08 <u>REPLACE P-106 PUMP-RICHMOND</u>	1,245,000	398,000	847,000			
	<u>PRIORITY 4</u>						
1	GP-4 53-04-1-01 <u>MISCELLANEOUS CAPITAL ADDITIONS</u>	124,000	124,000				
1	GP-4 53-04-2-01 <u>MISCELLANEOUS CAPITAL REPLACEMENTS</u>	365,000	365,000				
TOTAL GAS PROCESSING DEPARTMENT:			5,856,000	4,034,000	1,822,000		

PHILADELPHIA GAS WORKS
 FISCAL YEAR 2017 CAPITAL BUDGET
 GAS PROCESSING 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	178,000	174,000	5,678,000	3,860,000	5,856,000	4,034,000
YEAR 1		4,000		1,818,000		1,822,000
YEAR 2						
YEAR 3						
YEAR 4 AND BEYOND						
TOTAL	178,000	178,000	5,678,000	5,678,000	5,856,000	5,856,000

DISTRIBUTION DEPARTMENT
FISCAL YEAR 2017 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)	1,253,000	20,445,000	21,698,000				21,698,000
52-21 GAS MAINS - LOW AND INTERMEDIATE PRESSURE - 8 INCH AND SMALLER	2,124,000	36,063,000	38,187,000	(1,841,000)			36,346,000
52-22 GAS MAINS - LOW AND INTERMEDIATE PRESSURE - 12 INCH AND LARGER	23,000	1,813,000	1,836,000	(408,000)			1,428,000
52-23 CUST MTR & REG INSTALL, PRESSURE REGULATION & CORROSION CONTROL FACILITIES	585,000	920,000	1,505,000				1,505,000
52-24 SERVICES	6,157,000	21,714,000	27,871,000				27,871,000
52-29 OTHER DISTRIBUTION FACILITIES	252,000	1,341,000	1,593,000				1,593,000
52-99 COST OF REMOVAL AND ABANDONMENT SALVAGE							
TOTAL DISTRIBUTION	10,394,000	82,296,000	92,690,000	(2,249,000)			90,441,000

* CONTRIBUTIONS ARE POTENTIAL CUSTOMER CONTRIBUTIONS

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

DISTRIBUTION DEPARTMENT
FISCAL YEAR 2017
BUDGET/FORECAST COMPARISON

CATEGORY	2016 AMENDED BUDGET	2017 FORECAST	2017 BUDGET	2017 BUDGET vs 2016 AMENDED BUDGET		2017 BUDGET vs 2017 FORECAST	
				\$ DIFFERENCE	% DIFF.	\$ DIFFERENCE	% DIFF.
52-20 GAS MAINS - HIGH PRESSURE (WITH ASSOCIATED VALVES AND REGULATORS)	1,132,000	1,371,000	1,253,000	121,000	10.7%	(118,000)	-8.6%
REPLACEMENTS	<u>16,972,000</u>	<u>18,852,000</u>	<u>20,445,000</u>	<u>3,473,000</u>	<u>20.5%</u>	<u>1,593,000</u>	<u>8.5%</u>
TOTAL	18,104,000	20,223,000	21,698,000	3,594,000	19.9%	1,475,000	7.3%
52-21 GAS MAINS - LOW AND INTERMEDIATE PRESSURE - 8 INCH AND SMALLER	2,068,000	2,099,000	2,124,000	56,000	2.7%	25,000	1.2%
REPLACEMENTS	<u>29,644,000</u>	<u>33,763,000</u>	<u>35,063,000</u>	<u>6,419,000</u>	<u>21.7%</u>	<u>2,280,000</u>	<u>6.7%</u>
TOTAL	31,712,000	35,882,000	38,187,000	6,475,000	20.4%	2,305,000	6.4%
52-22 GAS MAINS - LOW AND INTERMEDIATE PRESSURE - 12 INCH AND LARGER	7,000	6,000	23,000	16,000	228.6%	17,000	283.3%
REPLACEMENTS	<u>8,544,000</u>	<u>1,111,000</u>	<u>1,813,000</u>	<u>(6,731,000)</u>	<u>-78.8%</u>	<u>702,000</u>	<u>63.2%</u>
TOTAL	8,551,000	1,117,000	1,836,000	(6,715,000)	-78.5%	719,000	64.4%
52-23 CUST MTR & REG INST PRESSURE REGULA- TION AND CORROSION CONTROL FACILITIES	602,000	615,000	585,000	(17,000)	-2.8%	(30,000)	-4.9%
REPLACEMENTS	<u>1,006,000</u>	<u>1,019,000</u>	<u>920,000</u>	<u>(86,000)</u>	<u>-8.5%</u>	<u>(99,000)</u>	<u>-9.7%</u>
TOTAL	1,608,000	1,634,000	1,505,000	(103,000)	-6.4%	(129,000)	-7.9%
52-24 SERVICES	6,280,000	6,327,000	6,157,000	(123,000)	-2.0%	(170,000)	-2.7%
REPLACEMENTS	<u>21,978,000</u>	<u>24,046,000</u>	<u>21,714,000</u>	<u>(264,000)</u>	<u>-1.2%</u>	<u>(2,332,000)</u>	<u>-9.7%</u>
TOTAL	28,258,000	30,373,000	27,871,000	(387,000)	-1.4%	(2,502,000)	-8.2%
52-29 OTHER DISTRIBUTION FACILITIES	211,000	11,000	252,000	41,000	19.4%	241,000	2190.9%
REPLACEMENTS	<u>2,276,000</u>	<u>1,008,000</u>	<u>1,341,000</u>	<u>(935,000)</u>	<u>-41.1%</u>	<u>333,000</u>	<u>33.0%</u>
TOTAL	2,487,000	1,019,000	1,593,000	(894,000)	-35.9%	574,000	56.3%
GROSS TOTAL DISTRIBUTION	90,720,000	90,248,000	92,690,000	1,970,000	2.2%	2,442,000	2.7%
52-99 COST OF REMOVAL AND ABANDONMENT	0	0	0	0	N/A	0	N/A
LESS: SALVAGE	0	0	0	0	N/A	0	N/A
LESS: CONTRIBUTIONS*	0	0	0	0	N/A	0	N/A
LESS: REIMBURSEMENT**	<u>(8,299,000)</u>	<u>0</u>	<u>(2,249,000)</u>	<u>6,050,000</u>	<u>-72.9%</u>	<u>(2,249,000)</u>	<u>N/A</u>
NET TOTAL DISTRIBUTION	<u>82,421,000</u>	<u>90,248,000</u>	<u>90,441,000</u>	<u>8,020,000</u>	<u>9.7%</u>	<u>193,000</u>	<u>0.2%</u>

* DISTRIBUTION DEPARTMENT CONTRIBUTIONS ARE POTENTIAL CUSTOMER CONTRIBUTIONS
** REIMBURSEMENT TO PGW FOR RELOCATING STRUCTURES & EQUIPMENT AND/OR LOAD GROWTH

DISTRIBUTION DEPARTMENT
FISCAL YEAR 2017 CAPITAL BUDGET

P		AMOUNT	FEET UNITS
	<u>GAS MAINS - HIGH PRESSURE (WITH ASSOCIATED VALVES AND REGULATORS)</u>		
D-20			
4	52-20-1-01 INSTALLATIONS TO PROVIDE FOR AHEAD-OF-PAVING AND EXTENSIONS TO SUPPLY ADDITIONAL LOADS	1,253,000	10,620
3	52-20-2-01 ENFORCED RELOCATIONS CAUSED BY CITY AND STATE WORK	2,551,000	4,468
1	52-20-2-02 INCREMENTAL REPLACEMENT OF 12" HP CAST IRON MAIN	8,719,000	19,000
1	52-20-2-03 INCREMENTAL REPLACEMENT OF 30" HP CAST IRON	9,175,000	7,340
		<u>21,698,000</u>	
52-20-2-97	GROSS TOTAL D-20	21,698,000	
	LESS: REIMBURSEMENT**		
	LESS: POTENTIAL CUSTOMER CONTRIBUTIONS		
	NET TOTAL D-20	<u><u>21,698,000</u></u>	
	<u>GAS MAINS - LOW AND INTERMEDIATE PRESSURE - 8 INCH AND SMALLER</u>		
D-21			
4	52-21-1-01 MAINS TO SUPPLY NEW CUSTOMERS AND TO PROVIDE FOR INCREASED CAPACITY	2,124,000	8,592
3	52-21-2-01 ENFORCED RELOCATIONS CAUSED BY CITY, STATE AND OTHER WORK	6,156,000	29,231
1	52-21-2-02 PRUDENT MAIN REPLACEMENTS	14,338,000	70,979
1	52-21-2-03 LONG TERM INFRASTRUCTURE PLAN - ACCELERATED CAST IRON	4,628,000	23,408
1	52-21-2-04 LTIIP-INCREMENTAL CAST IRON MAIN REMOVAL	10,941,000	19,312-Small 10,032-Large
		<u>38,187,000</u>	
52-21-2-97	GROSS TOTAL D-21	38,187,000	
	LESS: REIMBURSEMENT**	(1,841,000)	
	NET TOTAL D-21	<u><u>36,346,000</u></u>	

DISTRIBUTION DEPARTMENT
FISCAL YEAR 2017 CAPITAL BUDGET

P		AMOUNT	FEET UNITS
	<u>GAS MAINS - LOW AND INTERMEDIATE PRESSURE - 12 INCH AND LARGER</u>		
D-22			
4	52-22-1-01 TO SUPPLY NEW CUSTOMERS AND TO PROVIDE FOR INSTALLATION OF MAINS AHEAD-OF-PAVING	23,000	92
3	52-22-2-01 ENFORCED RELOCATIONS CAUSED BY CITY, STATE AND OTHER WORK	1,333,000	658
3	52-22-2-02 MAIN FOR MAJOR ENFORCED RELOCATION	480,000	300
	GROSS TOTAL D-22	<u>1,836,000</u>	
	LESS: REIMBURSEMENT**	(408,000)	
	NET TOTAL D-22	<u><u>1,428,000</u></u>	
	<u>CUSTOMER METERING & REGULATOR INSTALLATION, AND PRESSURE REGULATION & CORROSION CONTROL FACILITIES (NOT INCLUDED IN D-20 OR D-22)</u>		
D-23			
4	52-23-1-01 CUSTOMER METERING AND REGULATOR INSTALLATION	585,000	
1	52-23-2-01 REPLACEMENT/REHABILITATION OF HIGH PRESSURE MAIN VALVES	506,000	
2	52-23-2-02 REPLACEMENT OF VARIOUS PRESSURE REGULATING AND CORROSION CONTROL FACILITIES	414,000	
	GROSS TOTAL D-23	<u>1,505,000</u>	
	LESS: REIMBURSEMENT**	-	
	LESS: POTENTIAL CUSTOMER CONTRIBUTIONS*	-	
	NET TOTAL D-23	<u><u>1,505,000</u></u>	

DISTRIBUTION DEPARTMENT
FISCAL YEAR 2017 CAPITAL BUDGET

P		SERVICES	AMOUNT	FEET UNITS
	D-24			
4	52-24-1-01	INSTALLATION OF NEW 1-1/4" AND SMALLER SERVICES, HIGH, INTERMEDIATE AND LOW PRESSURE	4,074,000	1,129
4	52-24-1-02	INSTALLATION OF NEW 2 INCH AND LARGER SERVICES, HIGH, INTERMEDIATE AND LOW PRESSURE	2,083,000	142
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	19,274,000	7,832
1	52-24-2-02	RENEWAL OF 2" AND LARGER SERVICES	1,098,000	121-Plastic 16-Steel
1	52-24-2-03	RENEWAL OF 1-1/4" AND SMALLER SERVICES FOR PRUDENT INCREMENTAL SERVICE WORK	1,342,000	799
		GROSS TOTAL D-24	27,871,000	
		LESS: REIMBURSEMENT**		
		NET TOTAL D-24	27,871,000	
	D-29	OTHER DISTRIBUTION FACILITIES		
2	52-29-1-01	ADDITIONAL TOOLS AND WORK EQUIPMENT	252,000	2
2	52-29-2-01	REPLACEMENT OF OBSOLETE TOOLS, RADIOS, AND WORK EQUIPMENT	1,341,000	47
		NET TOTAL D-29	1,593,000	
1	52-99-2-99	REMOVAL AND ABANDONMENTS		
		GROSS TOTAL DISTRIBUTION DEPARTMENT	92,690,000	
		LESS: REIMBURSEMENT**	(2,249,000)	
		LESS: POTENTIAL CUSTOMER CONTRIBUTIONS*		
		LESS: SALVAGE		
52-98-2-98		NET TOTAL DISTRIBUTION DEPARTMENT	90,441,000	

* DISTRIBUTION DEPARTMENT CONTRIBUTIONS ARE POTENTIAL CUSTOMER CONTRIBUTIONS
 ** REIMBURSEMENT TO PGW FOR RELOCATING STRUCTURES & EQUIPMENT AND/OR LOAD GROWTH

DISTRIBUTION DEPARTMENT
LISTING BY PRIORITY
FISCAL YEAR 2017 CAPITAL BUDGET

P.	CATEGORY	AMOUNT	FEET/UNITS	BUDGET_YR	YEAR_1	YEAR_2	YEAR_3	YEAR_4+
	<u>PRIORITY 1</u>							
1	D-20 52-20-2-02	8,719,000	19,000	8,719,000				
	INCREMENTAL REPLACEMENT OF 12" HP CAST IRON MAIN							
1	D-20 52-20-2-03	9,175,000	7,340	4,000,000	5,175,000			
	INCREMENTAL REPLACEMENT OF 30" HP CAST IRON							
1	D-21 52-21-2-02	14,338,000	70,979	10,300,000	4,038,000			
	PRUDENT MAIN REPLACEMENTS							
D-21	52-21-2-03	4,628,000	23,408	3,745,000	883,000			
	LONG TERM INFRASTRUCTURE PLAN - ACCELERATED CAST IRON							
D-21	52-21-2-04	10,941,000	18,312-Small Diameter 10,032-Large Diameter	10,941,000				
	LTIIP-INCREMENTAL CAST IRON MAIN REMOVAL							
1	D-23 52-23-2-01	506,000		506,000				
	REPLACEMENT/REHABILITATION OF HIGH PRESSURE MAIN VALVES							
1	D-24 52-24-2-01	19,274,000	7,832	19,274,000				
	RENEWAL OF 1-1/4" AND SMALLER SERVICES FOR PRUDENT REASONS, AS A RESULT OF LEAK SURVEYS, CUSTOMER COMPLAINTS OR CITY AND STATE WORK							
1	D-24 52-24-2-02	1,098,000	121-Plastic 16-Steel	1,098,000				
	RENEWAL OF 2" AND LARGER SERVICES							
1	D-24 52-24-2-03	1,342,000	789	1,342,000				
	RENEWAL OF 1-1/4" AND SMALLER SERVICES FOR PRUDENT INCREMENTAL SERVICE WORK							
	<u>PRIORITY 2</u>							
2	D-23 52-23-2-02	414,000		414,000				
	REPLACEMENT OF VARIOUS PRESSURE REGULATING AND CORROSION CONTROL FACILITIES							
D-29	52-29-1-01	252,000	2	252,000				
	ADDITIONAL TOOLS AND WORK EQUIPMENT							
2	D-28 52-28-2-01	1,341,000	47	1,341,000				
	REPLACEMENT OF OBSOLETE TOOLS, RADIOS, AND WORK EQUIPMENT							

DISTRIBUTION DEPARTMENT
LISTING BY PRIORITY
FISCAL YEAR 2017 CAPITAL BUDGET

P	CATEGORY	AMOUNT	FEET UNITS	BUDGET_YR	YEAR_1	YEAR_2	YEAR_3	YEAR_4+
	<u>PRIORITY 3</u>							
3	D-20 52-20-2-01 ENFORCED RELOCATIONS CAUSED BY CITY AND STATE WORK	2,551,000	4,468	2,551,000				
3	D-21 52-21-2-01 ENFORCED RELOCATIONS CAUSED BY CITY, STATE AND OTHER WORK	6,156,000	29,231	6,156,000				
3	D-22 52-22-2-01 ENFORCED RELOCATIONS CAUSED BY CITY, STATE AND OTHER WORK	1,333,000	658	1,333,000				
3	D-22 52-22-2-02 MAIN FOR MAJOR ENFORCED RELOCATION	480,000	300	480,000				
	<u>PRIORITY 4</u>							
4	D-20 52-20-1-01 INSTALLATIONS TO PROVIDE FOR AHEAD-OF-PAVING AND EXTENSIONS TO SUPPLY ADDITIONAL LOADS	1,253,000	10,620	1,253,000				
4	D-21 52-21-1-01 MAINS TO SUPPLY NEW CUSTOMERS AND TO PROVIDE FOR INCREASED CAPACITY	2,124,000	8,592	2,124,000				
4	D-22 52-22-1-01 TO SUPPLY NEW CUSTOMERS AND TO PROVIDE FOR INSTALLATION OF MAINS AHEAD-OF-PAVING	23,000	92	23,000				
4	D-23 52-23-1-01 CUSTOMER METERING AND REGULATOR INSTALLATION	565,000		565,000				
4	D-24 52-24-1-01 INSTALLATION OF NEW 1-1/4" AND SMALLER SERVICES, HIGH, INTERMEDIATE AND LOW PRESSURE	4,074,000	1,129	4,074,000				
4	D-24 52-24-1-02 INSTALLATION OF NEW 2 INCH AND LARGER SERVICES - HIGH, INTERMEDIATE AND LOW PRESSURE	2,083,000	142	2,083,000				

TOTAL DISTRIBUTION DEPARTMENT: 92,690,000 82,594,000 10,096,000

PHILADELPHIA GAS WORKS
 FISCAL YEAR 2017 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	10,394,000	10,394,000	82,296,000	72,200,000	92,690,000	82,594,000
YEAR 1				10,096,000		10,096,000
YEAR 2						
YEAR 3						
YEAR 4 AND BEYOND						
TOTAL	10,394,000	10,394,000	82,296,000	82,296,000	92,690,000	92,690,000

FIELD SERVICES DEPARTMENT
FISCAL YEAR 2017 CAPITAL BUDGET

SUMMARY

<u>CATEGORY</u>	<u>ADDITIONS</u>	<u>REPLACEMENTS</u>	<u>TOTAL</u>
50-30 METERS & INSTALLATION	1,490,000	2,527,000	4,017,000
50-32 SERVICE REGULATORS AND INSTALLATION	41,000	32,000	73,000
50-33 COMMERCIAL & INDUSTRIAL TELEMETERING SYSTEMS	115,000	157,000	272,000
50-34 METER SHOP EQUIPMENT		162,000	162,000
50-36 AUTOMATIC METER READING	140,000	2,373,000	2,513,000
50-99 COST OF REMOVAL			
GROSS TOTAL FIELD SERVICES	1,786,000	5,251,000	7,037,000
LESS: SALVAGE LESS: CONTRIBUTIONS*			
NET TOTAL FIELD SERVICES	<u>1,786,000</u>	<u>5,251,000</u>	<u>7,037,000</u>

* FIELD SERVICES DEPARTMENT CONTRIBUTIONS ARE POTENTIAL CUSTOMER CONTRIBUTIONS

FIELD SERVICES DEPARTMENT
FISCAL YEAR 2017
BUDGET/FORECAST COMPARISON

CATEGORY		2016 AMENDED BUDGET	2017 FORECAST	2017 BUDGET	2017 BUDGET vs 2016 AMENDED BUDGET		2017 BUDGET vs 2017 FORECAST	
					\$ DIFFERENCE	% DIFF.	\$ DIFFERENCE	% DIFF.
50-30 METERS	ADDITIONS	1,431,000	1,456,000	1,490,000	59,000	4.1%	34,000	2.3%
	REPLACEMENTS	<u>2,374,000</u>	<u>2,359,000</u>	<u>2,527,000</u>	<u>153,000</u>	<u>6.4%</u>	<u>168,000</u>	<u>7.1%</u>
	TOTAL	3,805,000	3,815,000	4,017,000	212,000	5.6%	202,000	5.3%
50-32 SERVICE REGULATORS AND INSTALLATIONS	ADDITIONS	56,000	64,000	41,000	(15,000)	-26.8%	(23,000)	-35.9%
	REPLACEMENTS	<u>23,000</u>	<u>26,000</u>	<u>32,000</u>	<u>9,000</u>	<u>39.1%</u>	<u>6,000</u>	<u>23.1%</u>
	TOTAL	79,000	90,000	73,000	(6,000)	-7.8%	(17,000)	-18.9%
50-33 TELEMETERING AND INSTALLATIONS	ADDITIONS	118,000	121,000	115,000	(3,000)	-2.5%	(6,000)	-5.0%
	REPLACEMENTS	<u>166,000</u>	<u>169,000</u>	<u>157,000</u>	<u>(9,000)</u>	<u>-5.4%</u>	<u>(12,000)</u>	<u>-7.1%</u>
	TOTAL	284,000	290,000	272,000	(12,000)	-4.2%	(18,000)	-6.2%
50-34 METER SHOP EQUIPMENT	ADDITIONS	0	0	0	0	N/A	0	N/A
	REPLACEMENTS	<u>65,000</u>	<u>66,000</u>	<u>162,000</u>	<u>97,000</u>	<u>149.2%</u>	<u>96,000</u>	<u>145.5%</u>
	TOTAL	65,000	66,000	162,000	97,000	149.2%	96,000	145.5%
50-36 AUTOMATIC METER READING	ADDITIONS	140,000	142,000	140,000	0	0.0%	(2,000)	-1.4%
	REPLACEMENTS	<u>2,332,000</u>	<u>2,379,000</u>	<u>2,373,000</u>	<u>41,000</u>	<u>1.8%</u>	<u>(6,000)</u>	<u>-0.3%</u>
	TOTAL	2,472,000	2,521,000	2,513,000	41,000	1.7%	(8,000)	-0.3%
50-99 COST OF REMOVAL		0	0	0	0	N/A	0	N/A
GROSS TOTAL FIELD SERVICES		6,705,000	6,782,000	7,037,000	332,000	5.0%	255,000	3.8%
LESS: SALVAGE		0	0	0	0	N/A	0	N/A
LESS: CONTRIBUTIONS*		0	0	0	0	N/A	0	N/A
NET TOTAL FIELD SERVICES		<u>6,705,000</u>	<u>6,782,000</u>	<u>7,037,000</u>	<u>332,000</u>	<u>5.0%</u>	<u>255,000</u>	<u>3.8%</u>

* FIELD SERVICES DEPARTMENT CONTRIBUTIONS ARE POTENTIAL CUSTOMER CONTRIBUTIONS

FIELD SERVICES DEPARTMENT
FISCAL YEAR 2017 CAPITAL BUDGET

<u>P</u>	<u>C-30</u>	<u>METERS</u>	<u>AMOUNT</u>
4	50-30-1-01	PURCHASE AND INSTALLATION OF METERS TO PROVIDE FOR NEW CUSTOMERS	1,490,000
2	50-30-2-01	PURCHASE METERS TO SUPPORT AUTOMATIC METER READING	<u>2,527,000</u>
		TOTAL C-30	<u><u>4,017,000</u></u>
	 <u>C-32</u>	 <u>SERVICE REGULATORS</u>	
4	50-32-1-01	PURCHASE AND INSTALLATION OF SERVICE REGULATORS	41,000
1	50-32-2-01	PURCHASE VARIOUS SIZE SERVICE REGULATORS AS REPLACEMENTS	<u>32,000</u>
		TOTAL C-32	<u><u>73,000</u></u>
	 <u>C-33</u>	 <u>COMMERCIAL & INDUSTRIAL TELEMETERING SYSTEMS</u>	
5	50-33-1-01	PURCHASE AND INSTALLATION OF EQUIPMENT AND INSTRUMENTATION	115,000
1	50-33-2-01	REPLACE METRETEK UNITS, EQUIPMENT, AND INSTRUMENTATION	157,000
		TOTAL C-33	<u><u>272,000</u></u>
	 <u>C-34</u>	 <u>METER SHOP EQUIPMENT</u>	
5	50-34-2-01	REPLACEMENT OF OBSOLETE SHOP EQUIPMENT & ACCESSORIES USED FOR AMR	162,000
		TOTAL C-34	<u><u>162,000</u></u>
	 <u>C-36</u>	 <u>AUTOMATIC METER READING</u>	
5	50-36-1-01	PURCHASE AND INSTALLATION OF ERT DEVICES FOR AMR	140,000
5	50-36-2-01	REPLACE AMR DEVICES	<u>2,373,000</u>
		TOTAL C-36	<u><u>2,513,000</u></u>
1	50-99-2-99	COST OF REMOVAL	<u> </u>
		GROSS TOTAL FIELD SERVICES DEPARTMENT	7,037,000
50-98-2-98	LESS: ESTIMATED SALVAGE		
	LESS: CONTRIBUTIONS*		
		NET TOTAL FIELD SERVICES DEPARTMENT	<u><u><u>7,037,000</u></u></u>

FIELD SERVICES DEPARTMENT

LISTING BY PRIORITY

FISCAL YEAR 2017 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>YEAR 4 +</u>
	<u>PRIORITY 1</u>						
1	C-32 50-32-2-01 PURCHASE VARIOUS SIZE SERVICE REGULATORS AS REPLACEMENTS	32,000		32,000			
1	C-33 50-33-2-01 REPLACE METRETEK UNITS, EQUIPMENT, AND INSTRUMENTATION	157,000		157,000			
	<u>PRIORITY 2</u>						
2	C-30 50-30-2-01 PURCHASE METERS TO SUPPORT AUTOMATIC METER READING	2,527,000		2,527,000			
	<u>PRIORITY 4</u>						
4	C-30 50-30-1-01 PURCHASE AND INSTALLATION OF METERS TO PROVIDE FOR NEW CUSTOMERS	1,490,000		1,490,000			
4	C-32 50-32-1-01 PURCHASE AND INSTALLATION OF SERVICE REGULATORS	41,000		41,000			
	<u>PRIORITY 5</u>						
5	C-33 50-33-1-01 PURCHASE AND INSTALLATION OF EQUIPMENT AND INSTRUMENTATION	115,000		115,000			
5	C-34 50-34-2-01 REPLACEMENT OF OBSOLETE SHOP EQUIPMENT & ACCESSORIES USED FOR AMR	162,000		162,000			
5	C-36 50-36-1-01 PURCHASE AND INSTALLATION OF ERT DEVICES FOR AMR	140,000		140,000			
5	C-36 50-36-2-01 REPLACE AMR DEVICES	2,373,000		2,373,000			
	TOTAL FIELD SERVICES DEPARTMENT:			7,037,000			

PHILADELPHIA GAS WORKS
 FISCAL YEAR 2017 CAPITAL BUDGET
 FIELD SERVICES 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	1,786,000	1,786,000	5,251,000	5,251,000	7,037,000	7,037,000
YEAR 1						
YEAR 2						
YEAR 3						
YEAR 4 AND BEYOND						
TOTAL	1,786,000	1,786,000	5,251,000	5,251,000	7,037,000	7,037,000

FLEET OPERATIONS DEPARTMENT

FISCAL YEAR 2017

BUDGET/FORECAST COMPARISON

CATEGORY	2016 AMENDED BUDGET		2017 FORECAST		2017 BUDGET		2017 BUDGET vs 2016 AMENDED BUDGET		2017 BUDGET vs 2017 FORECAST	
	BUDGET				BUDGET		\$ DIFFERENCE	% DIFF.	\$ DIFFERENCE	% DIFF.
73-01-1-01 VEHICLE ADDITIONS TO SUPPORT CAST IRON MAIN REPLACEMENT	632,000	0	0	0	0	(632,000)	-100.0%	0	N/A	
73-01-1-02 MOBILE EQUIPMENT ADDITIONS	118,000	0	0	80,000	80,000	(38,000)	-32.2%	80,000	N/A	
73-01-2-01 SHOP EQUIPMENT REPLACEMENTS	0	0	0	45,000	45,000	45,000	N/A	45,000	N/A	
73-01-2-02 MOBILE EQUIPMENT REPLACEMENTS	1,533,000	646,000	646,000	677,000	677,000	(866,000)	-55.8%	31,000	4.8%	
73-01-2-03 VEHICLE REPLACEMENTS	5,879,000	4,149,000	4,149,000	5,081,000	5,081,000	(798,000)	-13.6%	932,000	22.5%	
GROSS TOTAL FLEET OPERATIONS	8,162,000	4,795,000	4,795,000	5,863,000	5,863,000	(2,279,000)	-27.9%	1,088,000	22.7%	
LESS: SALVAGE	0	0	0	0	0	0	N/A	0	N/A	
NET TOTAL FLEET OPERATIONS	8,162,000	4,795,000	4,795,000	5,863,000	5,863,000	(2,279,000)	-27.9%	1,088,000	22.7%	

FLEET OPERATIONS DEPARTMENT
FISCAL YEAR 2017 CAPITAL BUDGET

<u>P</u>		<u>AMOUNT</u>
1	73-01-1-02 MOBILE EQUIPMENT ADDITIONS	80,000
1	73-01-2-01 SHOP EQUIPMENT REPLACEMENTS	45,000
2	73-01-2-02 MOBILE EQUIPMENT REPLACEMENTS	677,000
2	73-01-2-03 VEHICLE REPLACEMENTS	5,081,000
	GROSS TOTAL FLEET OPERATIONS	<u>5,883,000</u>
73-98-2-98	LESS: SALVAGE	
	NET TOTAL FLEET OPERATIONS	<u><u>5,883,000</u></u>

FLEET OPERATIONS DEPARTMENT

LISTING BY PRIORITY

FISCAL YEAR 2017 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>YEAR 4 +</u>
	<u>PRIORITY 1</u>						
1	73-01-1-02 MOBILE EQUIPMENT ADDITIONS	80,000	80,000				
1	73-01-2-01 SHOP EQUIPMENT REPLACEMENTS	45,000	45,000				
	<u>PRIORITY 2</u>						
2	73-01-2-02 MOBILE EQUIPMENT REPLACEMENTS	677,000	677,000				
2	73-01-2-03 VEHICLE REPLACEMENTS	5,081,000	5,081,000				
	TOTAL FLEET OPERATIONS DEPARTMENT:	5,883,000	5,883,000				

PHILADELPHIA GAS WORKS
 FISCAL YEAR 2017 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	80,000	80,000	5,803,000	5,803,000	5,883,000	5,883,000
YEAR 1						
YEAR 2						
YEAR 3						
YEAR 4 AND BEYOND						
TOTAL	80,000	80,000	5,803,000	5,803,000	5,883,000	5,883,000

OTHER DEPARTMENTS
FISCAL YEAR 2017 CAPITAL BUDGET
SUMMARY

<u>CATEGORY</u>	<u>ADDITIONS</u>	<u>REPLACEMENTS</u>	<u>TOTAL</u>
FACILITIES	160,000	2,646,000	2,806,000
INFORMATION SERVICES	725,000	1,422,000	2,147,000
CHIEF OPERATING OFFICER		750,000	750,000
VP TECHNICAL COMPLIANCE	88,000		88,000
VP REGULATORY COMPLIANCE & CUSTOMER PROGRAMS	871,000		871,000
CHEM SERVICES	115,000	7,000	122,000
TOTAL OTHER DEPARTMENTS	1,959,000	4,825,000	6,784,000

OTHER DEPARTMENTS

FISCAL YEAR 2017

BUDGET/FORECAST COMPARISON

CATEGORY	2016 AMENDED BUDGET		2017 FORECAST		2017 BUDGET		2017 BUDGET vs 2016 AMENDED BUDGET		2017 BUDGET vs 2017 FORECAST	
	BUDGET		FORECAST		BUDGET		\$ DIFF.	% DIFF.	\$ DIFFERENCE	% DIFF.
FACILITIES										
ADDITIONS	134,000		137,000		160,000		26,000	19.4%	23,000	16.8%
REPLACEMENTS	2,605,000		2,029,000		2,646,000		41,000	1.6%	617,000	30.4%
TOTAL	2,739,000		2,166,000		2,806,000		67,000	2.4%	640,000	29.5%
INFORMATION SERVICES										
ADDITIONS	227,000		231,000		725,000		498,000	219.4%	494,000	213.9%
REPLACEMENTS	2,737,000		750,000		1,422,000		(1,315,000)	-48.0%	672,000	89.6%
TOTAL	2,964,000		981,000		2,147,000		(817,000)	-27.6%	1,166,000	116.9%
CHIEF OPERATING OFFICER										
ADDITIONS	0		0		0		0	N/A	0	N/A
REPLACEMENTS	750,000		750,000		750,000		0	0.0%	0	0.0%
TOTAL	750,000		750,000		750,000		0	0.0%	0	0.0%
VP TECHNICAL COMPLIANCE										
ADDITIONS	3,386,000		0		88,000		(3,298,000)	-97.4%	88,000	N/A
REPLACEMENTS	0		0		0		0	N/A	0	N/A
TOTAL	3,386,000		0		88,000		(3,298,000)	-97.4%	88,000	N/A
VP REGULATORY COMPLIANCE & CUSTOMER PROGRAMS										
ADDITIONS	986,000		0		871,000		(115,000)	-11.7%	871,000	N/A
REPLACEMENTS	0		0		0		0	N/A	0	N/A
TOTAL	986,000		0		871,000		(115,000)	-11.7%	871,000	N/A
CHEM SERVICES										
ADDITIONS	0		0		115,000		115,000	N/A	115,000	N/A
REPLACEMENTS	8,000		0		7,000		(1,000)	-12.5%	7,000	N/A
TOTAL	8,000		0		122,000		114,000	1425.0%	122,000	N/A
GAS MANAGEMENT FY 2014 REAUTHORIZATIONS										
ADDITIONS	0		0		0		0	N/A	0	N/A
REPLACEMENTS	765,000		0		0		(765,000)	-100.0%	0	N/A
TOTAL	765,000		0		0		(765,000)	-100.0%	0	N/A
TOTAL OTHER DEPARTMENTS	11,618,000		3,697,000		6,784,000		(4,834,000)	-41.6%	2,887,000	74.1%

OTHER DEPARTMENTS
FISCAL YEAR 2017 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	10,000
1	72-01-2-01	MISCELLANEOUS CAPITAL REPLACEMENTS/STRUCTURAL REPAIRS	366,000
1	72-01-2-02	MISCELLANEOUS CAPITAL REPLACEMENTS - GAS PROCESSING	46,000
1	72-01-2-03	MISC CAPITAL REPL - STRUCTURAL REPAIRS - GAS PROCESSING	57,000
1	72-01-2-04	REPLACE CARPETS- ALL LOCATIONS	70,000
1	72-01-2-05	REPLACE MODULAR FURNITURE	80,000
2	72-01-2-06	REPLACE 800 BUILDING MECHANICAL ROOM CIRCULATION PUMPS	354,000
2	72-01-2-07	REPLACE 800 CHW PIPING	108,000
1	72-01-2-08	REPLACE 1849 BUILDING STAIR TOWER STAIR	289,000
2	72-01-2-10	REPLACE 1800 3RD FLOOR DOMESTIC WATER PUMPS & PIPING	268,000
1	72-01-2-11	REPLACE 800 BUILDING ELEVATOR INTERIORS	91,000
1	72-01-2-12	800 BUILDING RESTROOM RENOVATIONS	455,000
2	72-01-2-14	SOUTH PHILADELPHIA DISTRICT OFFICE BUILDING ENVELOPE REPAIR	400,000
1	72-01-2-15	800 BUILDING UPS ROOM CLEAN AGENT FIRE SUPPRESSION SYSTEM	62,000
TOTAL FACILITIES			<u><u>2,806,000</u></u>

OTHER DEPARTMENTS
FISCAL YEAR 2017 CAPITAL BUDGET

P			AMOUNT
		<u>INFORMATION SERVICES</u>	
2	47-01-1-01	MISCELLANEOUS SERVER, NETWORK, & HARDWARE ADDITIONS	58,000
2	47-01-1-02	MISCELLANEOUS SOFTWARE ADDITIONS	190,000
2	47-01-1-03	SUNGARD DISASTER RECOVERY HOTSITE	477,000
2	47-01-2-01	MYSQL REPLACEMENT	941,000
2	47-01-2-03	REPLACEMENT SAN STORAGE	230,000
2	47-01-2-05	MISCELLANEOUS SERVER & NETWORK HARDWARE REPLACEMENTS	201,000
2	47-01-2-07	MISCELLANEOUS SOFTWARE REPLACEMENTS	50,000
		TOTAL INFORMATION SERVICES	<u>2,147,000</u>
		<u>CHEMICAL SERVICES</u>	
1	31-01-1-01	LAB EQUIPMENT-XRF ANALYZER	29,000
2	31-01-1-01	LAB EQUIPMENT-NATURAL GAS CHROMATOGRAPH	79,000
5	31-01-1-01	LAB EQUIPMENT-ZERO AIR GENERATOR	7,000
1	31-01-2-01	ULTRARAE 3000 PHOTOIONIZATION DETECTOR	7,000
		TOTAL CHEMICAL SERVICES	<u>122,000</u>
		<u>CHIEF OPERATING OFFICER</u>	
1	13-01-2-01	CONDITIONAL FUNDING FOR CAPITAL NEEDS RELATED TO SAFETY	250,000
2	13-01-2-02	CONDITIONAL FUNDING FOR CAPITAL NEEDS RELATED TO RELIABILITY OF SERVICE	250,000
4	13-01-2-03	CONDITIONAL FUNDING FOR CAPITAL NEEDS RELATED TO COST-JUSTIFIED LOAD GROWTH	250,000
		TOTAL CHIEF OPERATING OFFICER	<u>750,000</u>
		<u>VP REGULATORY COMPLIANCE & CUSTOMER PROGRAMS</u>	
5	10-01-1-01	DSM DATABASE ENHANCEMENTS	148,000
5	10-01-1-02	PUC LIURP REPORTING UPDATES	41,000
5	10-01-1-03	PUC RMI PROJECTS	629,000
5	10-01-1-04	SELF-SERVICE ENHANCEMENTS TO PGW'S WEBSITE	53,000
		TOTAL VP REGULATORY COMPLIANCE & CUSTOMER PROGRAMS	<u>871,000</u>

OTHER DEPARTMENTS
FISCAL YEAR 2017 CAPITAL BUDGET

P

AMOUNT

VP TECHNICAL COMPLIANCE

1	38-01-1-01	WASTE STORAGE TRAILER	88,000
TOTAL VP TECHNICAL COMPLIANCE			<u>88,000</u>
TOTAL OTHER DEPARTMENTS			<u><u>6,784,000</u></u>

FACILITIES
FISCAL YEAR 2017
BUDGET/FORECAST COMPARISON

CATEGORY	2016 AMENDED BUDGET	2017 FORECAST	2017 BUDGET	2017 BUDGET vs 2016 AMENDED BUDGET		2017 BUDGET vs 2017 FORECAST	
				\$ DIFFERENCE	% DIFF.	\$ DIFFERENCE	% DIFF.
72-01-1-01 MISCELLANEOUS CAPITAL ADDITIONS	125,000	127,000	150,000	25,000	20.0%	23,000	18.1%
72-01-1-02 MISCELLANEOUS CAPITAL ADDITIONS - GAS PROCESSING	9,000	10,000	10,000	1,000	11.1%	0	0.0%
72-01-2-01 MISCELLANEOUS CAPITAL REPLACEMENTS/STRUCTURAL REPAIRS	376,000	383,000	366,000	(10,000)	-2.7%	(17,000)	-4.4%
72-01-2-02 MISCELLANEOUS CAPITAL REPLACEMENTS - GAS PROCESSING	45,000	46,000	46,000	1,000	2.2%	0	0.0%
72-01-2-03 MISC CAPITAL REPL - STRUCTURAL REPAIRS - GAS PROCESSING	57,000	58,000	57,000	0	0.0%	(1,000)	-1.7%
72-01-2-04 REPLACE CARPETS- ALL LOCATIONS	165,000	159,000	70,000	(95,000)	-57.8%	(89,000)	-56.0%
72-01-2-05 REPLACE MODULAR FURNITURE	195,000	217,000	80,000	(115,000)	-59.0%	(137,000)	-63.1%
72-01-2-06 REPLACE 800 BUILDING MECHANICAL ROOM CIRCULATION PUMPS	0	0	354,000	354,000	N/A	354,000	N/A
72-01-2-07 REPLACE 800 CHW PIPING	0	0	108,000	108,000	N/A	108,000	N/A
72-01-2-08 REPLACE 1849 BUILDING STAIR TOWER STAIR	0	0	289,000	289,000	N/A	289,000	N/A
72-01-2-10 REPLACE 1800 3RD FLOOR DOMESTIC WATER PUMPS & PIPING	0	0	268,000	268,000	N/A	268,000	N/A
72-01-2-11 REPLACE 800 BUILDING ELEVATOR INTERIORS	0	0	91,000	91,000	N/A	91,000	N/A
72-01-2-12 800 BUILDING RESTROOM RENOVATIONS	0	0	455,000	455,000	N/A	455,000	N/A
72-01-2-14 SOUTH PHILADELPHIA DISTRICT OFFICE BUILDING ENVELOPE REPAIR	0	0	400,000	400,000	N/A	400,000	N/A
72-01-2-15 800 BUILDING UPS ROOM CLEAN AGENT FIRE SUPPRESSION SYSTEM	0	0	62,000	62,000	N/A	62,000	N/A
72-01-2-16 **BUILDING CONSOLIDATION	0	0	0	0	N/A	0	N/A
REPLACE HVAC SYSTEM-800	786,000	262,000	0	(786,000)	-100.0%	(262,000)	-100.0%
REPLACE HVAC COMPONENTS-1800	173,000	170,000	0	(173,000)	-100.0%	(170,000)	-100.0%
REPLACE SWITCHGEAR-1800	113,000	100,000	0	(113,000)	-100.0%	(100,000)	-100.0%
REPLACE OBSOLETE LIGHTING-800	352,000	134,000	0	(352,000)	-100.0%	(134,000)	-100.0%
REPLACE 800 CM3 BAS	214,000	500,000	0	(214,000)	-100.0%	(500,000)	-100.0%
REPLACE SPLINE CEILING 800-1	129,000	0	0	(129,000)	-100.0%	0	N/A
TOTAL FACILITIES	2,739,000	2,168,000	2,808,000	1,834,000	67.0%	1,806,000	83.4%

**800 Building, Porter Station Expansion, Call Center Relocation

OTHER DEPARTMENTS
LISTING BY PRIORITY
FISCAL YEAR 2017 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>YEAR 4 +</u>
	PRIORITY 1						
1	13-01-2-01	250,000					
	CONDITIONAL FUNDING FOR CAPITAL NEEDS RELATED TO SAFETY						
1	31-01-1-01	29,000	29,000				
	LAB EQUIPMENT-XRF ANALYZER						
1	31-01-2-01	7,000	7,000				
	ULTRARAE 3000 PHOTOIONIZATION DETECTOR						
1	38-01-1-01	88,000	88,000				
	WASTE STORAGE TRAILER						
1	72-01-1-01	150,000	75,000	75,000			
	MISCELLANEOUS CAPITAL ADDITIONS						
1	72-01-1-02	10,000	10,000				
	MISCELLANEOUS CAPITAL ADDITIONS - GAS PROCESSING						
1	72-01-2-01	366,000	183,000	183,000			
	MISCELLANEOUS CAPITAL REPLACEMENTS/STRUCTURAL REPAIRS						
1	72-01-2-02	46,000	46,000				
	MISCELLANEOUS CAPITAL REPLACEMENTS - GAS PROCESSING						
1	72-01-2-03	57,000	57,000				
	MISC CAPITAL REPL - STRUCTURAL REPAIRS - GAS PROCESSING						
1	72-01-2-04	70,000	70,000				
	REPLACE CARPETS-ALL LOCATIONS						
1	72-01-2-05	80,000	80,000				
	REPLACE MODULAR FURNITURE						
1	72-01-2-08	289,000	289,000				
	REPLACE 1849 BUILDING STAIR TOWER STAIR						
1	72-01-2-11	91,000	91,000				
	REPLACE 800 BUILDING ELEVATOR INTERIORS						
1	72-01-2-12	455,000	455,000				
	800 BUILDING RESTROOM RENOVATIONS						
1	72-01-2-15	62,000	62,000				
	800 BUILDING UPS ROOM CLEAN AGENT FIRE SUPPRESSION SYSTEM						

OTHER DEPARTMENTS
LISTING BY PRIORITY
FISCAL YEAR 2017 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>YEAR 4 +</u>
	<u>PRIORITY 2</u>						
2	13-01-2-02	250,000					
	<u>CONDITIONAL FUNDING FOR CAPITAL NEEDS RELATED TO RELIABILITY OF SERVICE</u>						
2	31-01-1-01	79,000	79,000				
	LAB EQUIPMENT-NATURAL GAS CHROMATOGRAPH						
2	47-01-1-01	58,000	58,000				
	MISCELLANEOUS SERVER, NETWORK, & HARDWARE ADDITIONS						
2	47-01-1-02	190,000	100,000	90,000			
	MISCELLANEOUS SOFTWARE ADDITIONS						
2	47-01-1-03	477,000	477,000				
	SUNGARD DISASTER RECOVERY HOTSITE						
2	47-01-2-01	941,000	816,000	125,000			
	SYSQL REPLACEMENT						
2	47-01-2-03	230,000	230,000				
	REPLACEMENT SAN STORAGE						
2	47-01-2-05	201,000	201,000				
	MISCELLANEOUS SERVER & NETWORK HARDWARE REPLACEMENTS						
2	47-01-2-07	50,000	50,000				
	MISCELLANEOUS SOFTWARE REPLACEMENTS						
2	72-01-2-06	354,000	354,000				
	REPLACE 800 BUILDING MECHANICAL ROOM CIRCULATION PUMPS						
2	72-01-2-07	108,000	108,000				
	REPLACE 800 CHW PIPING						
2	72-01-2-10	268,000	268,000				
	REPLACE 1800 3RD FLOOR DOMESTIC WATER PUMPS & PIPING						
2	72-01-2-14	400,000	400,000				
	SOUTH PHILADELPHIA DISTRICT OFFICE BUILDING ENVELOPE REPAIR						
2	72-01-2-16						
	**BUILDING CONSOLIDATION						
	<u>PRIORITY 4</u>						
4	13-01-2-03	250,000					
	<u>CONDITIONAL FUNDING FOR CAPITAL NEEDS RELATED TO COST-JUSTIFIED LOAD GROWTH</u>						

OTHER DEPARTMENTS
LISTING BY PRIORITY
FISCAL YEAR 2017 CAPITAL BUDGET

P	CATEGORY	AMOUNT	BUDGET YR	YEAR 1	YEAR 2	YEAR 3	YEAR 4 +
PRIORITY 5							
5	31-01-1-01 LAB EQUIPMENT-ZERO AIR GENERATOR	7,000	7,000				
5	10-01-1-01 DSM DATABASE ENHANCEMENTS	148,000	148,000				
5	10-01-1-02 PUC LIURP REPORTING UPDATES	41,000	41,000				
5	10-01-1-03 PUC RMI PROJECTS	628,000	628,000				
5	10-01-1-04 SELF-SERVICE ENHANCEMENTS TO PG&W'S WEBSITE	53,000	53,000				
TOTAL OTHER DEPARTMENTS:		6,784,000	5,581,000				473,000

**800 Building, Porter Station Expansion, Call Center Relocation

PHILADELPHIA GAS WORKS
 FISCAL YEAR 2017 CAPITAL BUDGET
 OTHER DEPARTMENTS ESTIMATE OF ENCUMBRANCE 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	1,959,000	1,794,000	4,825,000	3,767,000	6,784,000	5,561,000
YEAR 1		165,000		308,000		473,000
YEAR 2						
YEAR 3						
YEAR 4 AND BEYOND						
TOTAL	1,959,000	1,959,000	4,825,000	4,075,000	6,784,000	6,034,000

FIVE YEAR FORECAST

PHILADELPHIA GAS WORKS

FISCAL YEAR 2017 AND FORECAST 2018 THROUGH 2022

<u>DEPARTMENT</u>	<u>2017</u>		<u>FORECAST</u>			<u>TOTAL</u> <u>6 YEARS</u>
	<u>CAPITAL</u> <u>BUDGET</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	
<u>GAS PROCESSING</u>						
ADDITIONS	597,000	1,300,000	7,050,000			2,000,000
REPLACEMENTS	<u>5,834,000</u>	<u>7,294,000</u>	<u>1,977,000</u>	<u>2,954,000</u>	<u>2,000,000</u>	<u>2,675,000</u>
TOTAL GAS PROCESSING	6,431,000	8,594,000	9,027,000	2,954,000	2,000,000	<u>33,681,000</u>
ACQUIRE ASSETS LEASE	6,431,000	8,594,000	9,027,000	2,954,000	2,000,000	4,675,000
						33,681,000
<u>DISTRIBUTION</u>						
ADDITIONS	10,394,000	10,634,000	10,879,000	11,129,000	11,384,000	11,646,000
REPLACEMENTS	<u>82,296,000</u>	<u>84,191,000</u>	<u>86,127,000</u>	<u>88,106,000</u>	<u>90,133,000</u>	<u>92,208,000</u>
GROSS TOTAL DISTRIBUTION	92,690,000	94,825,000	97,006,000	99,235,000	101,517,000	103,854,000
LESS: SALVAGE						
LESS: CONTRIBUTIONS*						
LESS: REIMBURSEMENT**	<u>(2,249,000)</u>	<u>(2,295,000)</u>	<u>(2,343,000)</u>	<u>(2,391,000)</u>	<u>(2,440,000)</u>	<u>(2,490,000)</u>
NET TOTAL DISTRIBUTION	90,441,000	92,530,000	94,663,000	96,844,000	99,077,000	101,364,000
ACQUIRE ASSETS LEASE	90,441,000	92,530,000	94,663,000	96,844,000	99,077,000	101,364,000
						574,919,000

PHILADELPHIA GAS WORKS

FISCAL YEAR 2017 AND FORECAST 2018 THROUGH 2022

<u>DEPARTMENT</u>	<u>2017</u> <u>CAPITAL</u> <u>BUDGET</u>	<u>FORECAST</u>				<u>TOTAL</u> <u>6 YEARS</u>
		<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	
<u>FIELD SERVICES</u>						
ADDITIONS	1,786,000	2,006,000	2,049,000	2,098,000	2,151,000	12,290,000
REPLACEMENTS	5,251,000	5,727,000	5,921,000	5,984,000	6,205,000	35,375,000
GROSS TOTAL FIELD SERVICES	7,037,000	7,733,000	7,970,000	8,082,000	8,356,000	47,665,000
LESS: SALVAGE						
LESS: CONTRIBUTIONS*						
NET TOTAL FIELD SERVICES	7,037,000	7,733,000	7,970,000	8,082,000	8,356,000	47,665,000
ACQUIRE ASSETS LEASE	7,037,000	7,733,000	7,970,000	8,082,000	8,356,000	47,665,000
<u>FLEET OPERATIONS</u>						
ADDITIONS	80,000					80,000
REPLACEMENTS	5,803,000	3,575,000	712,000	443,000	6,899,000	19,881,000
GROSS TOTAL FLEET OPERATIONS	5,883,000	3,575,000	712,000	443,000	6,899,000	19,961,000
LESS: SALVAGE						
NET TOTAL FLEET OPERATIONS	5,883,000	3,575,000	712,000	443,000	6,899,000	19,961,000
ACQUIRE ASSETS LEASE	5,883,000	3,575,000	712,000	443,000	6,899,000	19,961,000

PHILADELPHIA GAS WORKS

FISCAL YEAR 2017 AND FORECAST 2018 THROUGH 2022

<u>DEPARTMENT</u>	2017 CAPITAL BUDGET	<u>FORECAST</u>				<u>TOTAL 6 YEARS</u>
		<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	
ADDITIONS	1,959,000	416,000	428,000	438,000	449,000	459,000
REPLACEMENTS	4,825,000	1,722,000	1,745,000	1,770,000	1,795,000	1,819,000
TOTAL OTHER	6,784,000	2,138,000	2,173,000	2,208,000	2,244,000	2,278,000
ACQUIRE ASSETS LEASE	6,784,000	2,138,000	2,173,000	2,208,000	2,244,000	2,278,000
ADDITIONS	14,816,000	14,356,000	20,406,000	13,665,000	13,984,000	16,305,000
REPLACEMENTS	104,009,000	102,509,000	96,482,000	99,257,000	107,032,000	105,438,000
GROSS TOTAL	118,825,000	116,865,000	116,888,000	112,922,000	121,016,000	121,743,000
LESS: SALVAGE						
LESS: REIMBURSEMENT**	(2,249,000)	(2,295,000)	(2,343,000)	(2,391,000)	(2,440,000)	(2,490,000)
LESS: CONTRIBUTIONS*						
NET TOTAL	116,576,000	114,570,000	114,545,000	110,531,000	118,576,000	119,253,000
ACQUIRE ASSETS LEASE	116,576,000	114,570,000	114,545,000	110,531,000	118,576,000	119,253,000

* CONTRIBUTIONS ARE POTENTIAL CUSTOMER CONTRIBUTIONS

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

PHILADELPHIA GAS WORKS
PROPOSED 2018 - 2022 FORECAST
(COMPARISON)

<u>DEPARTMENT</u>	<u>2017- 2021 FORECAST</u>	<u>2018 - 2022 FORECAST</u>	<u>AMOUNT DIFFERENCE</u>	<u>PERCENT DIFFERENCE</u>
<u>GAS PROCESSING</u>				
ADDITIONS	3,233,000	10,350,000	7,117,000	220.1%
REPLACEMENTS	<u>20,571,000</u>	<u>16,900,000</u>	(3,671,000)	-17.8%
TOTAL GAS PROCESSING	23,804,000	27,250,000	3,446,000	14.5%
<u>DISTRIBUTION</u>				
ADDITIONS	54,378,000	55,672,000	1,294,000	2.4%
REPLACEMENTS	<u>411,436,000</u>	<u>440,765,000</u>	29,329,000	7.1%
GROSS TOTAL DISTRIBUTION	465,814,000	496,437,000	30,623,000	6.6%
LESS: SALVAGE				
LESS: CONTRIBUTIONS*				
LESS: REIMBURSEMENT**				
NET TOTAL DISTRIBUTION	465,814,000	496,437,000	30,623,000	6.6%
<u>FIELD SERVICES</u>				
ADDITIONS	9,378,000	10,504,000	1,126,000	12.0%
REPLACEMENTS	<u>26,305,000</u>	<u>30,124,000</u>	3,819,000	14.5%
GROSS TOTAL FIELD SERVICES	35,683,000	40,628,000	4,945,000	13.9%
LESS: SALVAGE				
LESS: CONTRIBUTIONS*				
NET TOTAL FIELD SERVICES	35,683,000	40,628,000	4,945,000	13.9%

PHILADELPHIA GAS WORKS
PROPOSED 2018 - 2022 FORECAST
(COMPARISON)

<u>DEPARTMENT</u>	<u>2017- 2021 FORECAST</u>	<u>2018 - 2022 FORECAST</u>	<u>AMOUNT DIFFERENCE</u>	<u>PERCENT DIFFERENCE</u>
<u>FLEET OPERATIONS</u>				
ADDITIONS				
REPLACEMENTS	<u>16,268,000</u>	<u>14,078,000</u>	(2,190,000)	-13.5%
GROSS TOTAL FLEET OPERATIONS	16,268,000	14,078,000	(2,190,000)	-13.5%
LESS: SALVAGE				
NET TOTAL FLEET OPERATIONS	16,268,000	14,078,000	(2,190,000)	-13.5%
<u>OTHER</u>				
ADDITIONS	1,910,000	2,190,000	280,000	14.7%
REPLACEMENTS	<u>14,221,000</u>	<u>8,851,000</u>	(5,370,000)	-37.8%
TOTAL OTHER	16,131,000	11,041,000	(5,090,000)	-31.6%
<u>TOTAL</u>				
ADDITIONS	68,899,000	78,716,000	9,817,000	14.2%
REPLACEMENTS	<u>488,801,000</u>	<u>510,718,000</u>	21,917,000	4.5%
GROSS TOTAL	557,700,000	589,434,000	31,734,000	5.7%
LESS: SALVAGE				
LESS: REIMBURSEMENT**				
LESS: CONTRIBUTIONS*				
NET TOTAL	<u>557,700,000</u>	<u>589,434,000</u>	31,734,000	5.7%

* CONTRIBUTIONS ARE POTENTIAL CUSTOMER CONTRIBUTIONS

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

GAS PROCESSING DEPARTMENT

FORECAST - FISCAL YEARS 2018 THROUGH 2022

		<u>2016 AMENDED BUDGET</u>	<u>2017 BUDGET</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>TOTAL FORECAST</u>
<u>GP-1 NATURAL GAS MEASUREMENT AND CONTROL FACILITIES</u>									
2	53-01-2-01	REPLACE (1) M&R STATION HEATER	2,474,000	1,800,000	1,800,000	1,800,000	1,800,000	1,800,000	5,400,000
2	53-01-2-02	MODIFY LNG TANK RE-PRESSURIZATION SYSTEMS-RICHMOND & PASSYUNK		150,000					150,000
	53-01-XX-XX	NON-RECURRING ITEMS							
		TOTAL GP-1	<u>2,474,000</u>	<u>1,950,000</u>	<u>1,800,000</u>	<u>1,800,000</u>	<u>1,800,000</u>	<u>1,800,000</u>	<u>5,550,000</u>
<u>GP-2 SUPPLEMENTAL GAS FACILITIES</u>									
2	53-02-1-01	ADD BOILOFF JET COMPRESSORS-RICHMOND & PASSYUNK		300,000					300,000
1	53-02-1-02	EXTEND SECOND LNG FILL LINE TO NORTH TANK-RICHMOND	419,000						
2	53-02-1-03	LIQUEFACTION FEEDGAS CO2 AND ETHANE REMOVAL-RICHMOND						2,000,000	2,000,000
2	53-02-1-04	INSTALL REPORTING HARDWARE/SOFTWARE-RICHMOND & PASSYUNK		1,000,000					1,000,000
1	53-02-1-05	INSTALL BLOCK VALVE UPSTREAM OF V-101-RICHMOND	54,000						
1	53-02-1-06	REPLACE/ADD SHUTOFF VALVE AT LNG TANK-PASSYUNK			5,000,000				5,000,000
1	53-02-2-02	REPLACE H-2 HEATER-RICHMOND	1,216,000						
2	53-02-2-03	REPLACE PUBLIC ADDRESS SYSTEM-PASSYUNK			750,000				750,000
1	53-02-2-05	REPLACE LNG SWITCHGEAR-RICHMOND				1,000,000			1,000,000
1	53-02-2-06	REPLACE RIVER WATER PUMP SWITCHGEAR & RIVER WATER PUMPS-RICHMOND		1,500,000					1,500,000
2	53-02-2-07	REPLACE PNEUMATIC COMPANDER ACTUATORS WITH ELECTRONIC ACTUATORS		380,000					380,000
2	53-02-2-08	REPLACE FOAM WATER PIPING ON LNG TANKS-RICHMOND	451,000	500,000					500,000
1	53-02-2-09	REPLACE FIRE & GAS DETECTION SYSTEM-PASSYUNK		1,832,000					1,832,000
1	53-02-2-12	DCS UPGRADE-PASSYUNK							
1	53-02-2-13	DCS UPGRADE-RICHMOND	876,000					875,000	875,000
1	53-02-2-14	EXPANDER LIQUEFIER TSA SYSTEM UPGRADES-RICHMOND							
1	53-02-2-15	REPLACE LNG CONTROL ROOM TRANSFORMERS-PASSYUNK	635,000				2,000,000		2,000,000

GAS PROCESSING DEPARTMENT

FORECAST - FISCAL YEARS 2018 THROUGH 2022

	2016 AMENDED BUDGET	2017 BUDGET	2018	2019	2020	2021	2022	TOTAL FORECAST
2 53-02-2-16			1,132,000					1,132,000
2 53-02-2-17				121,000				121,000
1 53-02-2-18	975,000							
1 53-02-2-19	83,000							
2 53-02-2-20					154,000			154,000
1 53-02-2-21	179,000							
1 53-02-2-22	105,000							
1 53-02-2-23				300,000				300,000
1 53-02-2-24	1,400,000							
53-02-X-XX	1,026,000							
TOTAL GP-2		5,942,000	6,644,000	6,977,000	1,154,000	2,000,000	2,875,000	19,650,000
GP-3 BUILDING AND GROUNDS								
2 53-03-1-01				50,000				50,000
2 53-03-1-02				2,000,000				2,000,000
53-03-X-XX	1,482,000							
TOTAL GP-3		1,482,000		2,050,000				2,050,000
GP-4 MISCELLANEOUS CAPITAL REQUIREMENTS								
1 53-04-1-01	104,000	124,000						
1 53-04-2-01	365,000	365,000						
TOTAL GP-4		473,000	489,000					
TOTAL GAS PROCESSING DEPARTMENT		5,906,000	6,431,000	8,594,000	2,954,000	2,000,000	4,675,000	27,250,000
ACQUIRE ASSETS LEASE		5,906,000	6,431,000	8,594,000	2,954,000	2,000,000	4,675,000	27,250,000

DISTRIBUTION DEPARTMENT

FORECAST - FISCAL YEARS 2018 THROUGH 2022

	2016 AMENDED BUDGET	2017 BUDGET	2018	2019	2020	2021	2022	TOTAL FORECAST
<u>D-20 HIGH PRESSURE MAINS</u>								
4 52-20-1-01	1,132,000	1,253,000	1,282,000	1,311,000	1,341,000	1,372,000	1,404,000	6,710,000
<u>EXTENSIONS TO SUPPLY ADDITIONAL LOADS</u>								
3 52-20-2-01	1,542,000	2,651,000	2,610,000	2,670,000	2,731,000	2,794,000	2,858,000	13,663,000
<u>ENFORCED RELOCATIONS CAUSED BY CITY AND STATE WORK</u>								
1 52-20-2-02	7,981,000	8,719,000	8,920,000	9,125,000	9,335,000	9,550,000	9,770,000	48,700,000
<u>INCREMENTAL REPLACEMENT OF 12" HP CAST IRON MAIN</u>								
1 52-20-2-03	7,449,000	9,175,000	9,386,000	9,502,000	9,823,000	10,049,000	10,280,000	49,140,000
<u>INCREMENTAL REPLACEMENT OF 30" HP CAST IRON</u>								
52-XX-X-XX								
<u>NON-RECURRING ITEMS</u>								
52-20-2-97	16,104,000	21,698,000	22,198,000	22,708,000	23,230,000	23,765,000	24,312,000	116,213,000
<u>LESS: REIMBURSEMENT**</u>								
<u>LESS: CONTRIBUTIONS*</u>								
GROSS TOTAL D-20	16,104,000	21,698,000	22,198,000	22,708,000	23,230,000	23,765,000	24,312,000	116,213,000
NET TOTAL D-20	16,104,000	21,698,000	22,198,000	22,708,000	23,230,000	23,765,000	24,312,000	116,213,000

DISTRIBUTION DEPARTMENT

FORECAST - FISCAL YEARS 2018 THROUGH 2022

	<u>2016 AMENDED BUDGET</u>	<u>2017 BUDGET</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>TOTAL FORECAST</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	2,068,000	2,124,000	2,173,000	2,223,000	2,274,000	2,325,000	2,379,000	11,375,000
3	52-21-2-01	ENFORCED RELOCATIONS CAUSED BY CITY, STATE AND OTHER WORK	5,294,000	6,156,000	6,298,000	6,443,000	6,591,000	6,743,000	6,898,000	32,973,000
1	52-21-2-02	PRUDENT MAIN REPLACEMENTS	14,454,000	14,338,000	14,688,000	15,005,000	15,350,000	15,703,000	16,064,000	76,790,000
1	52-21-2-03	LONG TERM INFRASTRUCTURE PLAN - ACCELERATED CAST IRON	4,398,000	4,628,000	4,734,000	4,843,000	4,954,000	5,068,000	5,185,000	24,784,000
1	52-21-2-04	LTIIP-INCREMENTAL CAST IRON MAIN REMOVAL	5,800,000	10,941,000	11,193,000	11,450,000	11,713,000	11,982,000	12,258,000	58,598,000
52-XX-X-XX NON-RECURRING ITEMS										
GROSS TOTAL D-21			31,712,000	36,187,000	39,066,000	39,964,000	40,882,000	41,822,000	42,784,000	204,518,000
			(1,967,000)	(1,841,000)	(1,878,000)	(1,916,000)	(1,954,000)	(1,993,000)	(2,033,000)	(9,774,000)
NET TOTAL D-21			29,745,000	36,346,000	37,188,000	38,048,000	38,928,000	39,829,000	40,751,000	194,744,000
<u>D-22 12 INCH AND LARGER I. P. AND L.P. MAIN</u>										
4	52-22-1-01	TO SUPPLY NEW CUSTOMERS AND TO PROVIDE FOR INSTALLATION OF MAINS AHEAD-OF-PAVING	7,000	23,000	24,000	25,000	26,000	27,000	28,000	130,000
3	52-22-2-01	ENFORCED RELOCATIONS CAUSED BY CITY, STATE AND OTHER WORK	1,094,000	1,333,000	1,384,000	1,395,000	1,427,000	1,460,000	1,494,000	7,140,000
3	52-22-2-02	MAIN FOR MAJOR ENFORCED RELOCATION	7,450,000	480,000	491,000	502,000	514,000	528,000	538,000	2,571,000
GROSS TOTAL D-22			8,551,000	1,836,000	1,879,000	1,922,000	1,967,000	2,013,000	2,060,000	9,841,000
			(8,352,000)	(408,000)	(417,000)	(427,000)	(437,000)	(447,000)	(457,000)	(2,185,000)
NET TOTAL D-22			2,219,000	1,428,000	1,462,000	1,495,000	1,530,000	1,566,000	1,603,000	7,656,000

DISTRIBUTION DEPARTMENT

FORECAST - FISCAL YEARS 2018 THROUGH 2022

	<u>2016 AMENDED BUDGET</u>	<u>2017 BUDGET</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>TOTAL FORECAST</u>
D-23 CUSTOMER METERING & REGULATOR INSTALLATION, AND PRESSURE REGULATION & <u>CORROSION CONTROL FACILITIES</u>								
4 52-23-1-01 CUSTOMER METERING AND REGULATOR INSTALLATION	602,000	585,000	598,000	612,000	626,000	640,000	655,000	3,131,000
1 52-23-2-01 REPLACEMENT/REHABILITATION OF HIGH PRESSURE MAIN VALVES	620,000	506,000	518,000	530,000	542,000	554,000	567,000	2,711,000
2 52-23-2-02 REPLACEMENT OF VARIOUS PRESSURE REGULATING AND CORROSION CONTROL FACILITIES	<u>386,000</u>	<u>414,000</u>	<u>424,000</u>	<u>434,000</u>	<u>444,000</u>	<u>454,000</u>	<u>464,000</u>	<u>2,220,000</u>
GROSS TOTAL D-23	1,608,000	1,505,000	1,540,000	1,576,000	1,612,000	1,648,000	1,686,000	8,062,000
LESS: REIMBURSEMENT**								
LESS: CONTRIBUTIONS*								
TOTAL D-23	<u>1,608,000</u>	<u>1,505,000</u>	<u>1,540,000</u>	<u>1,576,000</u>	<u>1,612,000</u>	<u>1,648,000</u>	<u>1,686,000</u>	<u>8,062,000</u>
D-24 SERVICES								
4 52-24-1-01 INSTALLATION OF NEW 1-1/4" AND SMALLER SERVICES, HIGH, INTERMEDIATE AND LOW PRESSURE	4,019,000	4,074,000	4,188,000	4,264,000	4,362,000	4,462,000	4,565,000	21,821,000
4 52-24-1-02 INSTALLATION OF NEW 2 INCH AND LARGER SERVICES, HIGH, INTERMEDIATE AND LOW PRESSURE	2,261,000	2,083,000	2,131,000	2,180,000	2,230,000	2,281,000	2,333,000	11,155,000
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	19,110,000	19,274,000	19,717,000	20,170,000	20,634,000	21,109,000	21,595,000	103,225,000
1 52-24-2-02 RENEWAL OF 2" AND LARGER SERVICES	1,033,000	1,098,000	1,123,000	1,149,000	1,175,000	1,202,000	1,230,000	5,879,000
1 52-24-2-03 RENEWAL OF 1-1/4" AND SMALLER SERVICES FOR PRUDENT INCREMENTAL SERVICE WORK	<u>1,655,000</u>	<u>1,342,000</u>	<u>1,373,000</u>	<u>1,405,000</u>	<u>1,437,000</u>	<u>1,470,000</u>	<u>1,504,000</u>	<u>7,169,000</u>
GROSS TOTAL D-24	28,258,000	27,871,000	28,512,000	29,168,000	29,838,000	30,524,000	31,227,000	149,269,000
LESS: REIMBURSEMENT**								
LESS: CONTRIBUTIONS*								
TOTAL D-24	<u>28,258,000</u>	<u>27,871,000</u>	<u>28,512,000</u>	<u>29,168,000</u>	<u>29,838,000</u>	<u>30,524,000</u>	<u>31,227,000</u>	<u>149,269,000</u>
D-29 OTHER DISTRIBUTION FACILITIES								
2 52-29-1-01 ADDITIONAL TOOLS AND WORK EQUIPMENT	11,000	252,000	298,000	264,000	270,000	276,000	282,000	1,350,000

DISTRIBUTION DEPARTMENT

FORECAST - FISCAL YEARS 2018 THROUGH 2022

	2018 AMENDED BUDGET	2017 BUDGET	2018	2019	2020	2021	2022	TOTAL FORECAST
2 52-29-2-01 REPLACEMENT OF OBSOLETE TOOLS, RADIOS, AND WORK EQUIPMENT	1,479,000	1,341,000	1,372,000	1,404,000	1,436,000	1,469,000	1,503,000	7,184,000
52-XX-XX NON-RECURRING ITEMS	997,000							
1 52-99-2-99	2,487,000	1,593,000	1,630,000	1,668,000	1,708,000	1,745,000	1,785,000	8,534,000
	TOTAL D-29							
			94,825,000	97,008,000	99,235,000	101,517,000	103,854,000	498,437,000
			GROSS TOTAL DISTRIBUTION DEPARTMENT					
			LESS: SALVAGE					
			LESS: CONTRIBUTIONS*					
			LESS: REIMBURSEMENT**	(2,343,000)	(2,391,000)	(2,440,000)	(2,490,000)	(11,859,000)
			NET TOTAL DISTRIBUTION DEPARTMENT	94,663,000	96,844,000	99,077,000	101,364,000	484,478,000
			ACQUIRE ASSETS	94,663,000	96,844,000	99,077,000	101,364,000	484,478,000
			LEASE					

* CONTRIBUTIONS ARE POTENTIAL CUSTOMER CONTRIBUTIONS

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

FIELD SERVICES DEPARTMENT

FORECAST - FISCAL YEARS 2018 THROUGH 2022

	<u>2016 AMENDED BUDGET</u>	<u>2017 BUDGET</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>TOTAL FORECAST</u>
<u>C-30 METERS</u>								
4 50-30-1-01 ADDITIONS AND INSTALLATIONS	1,431,000	1,490,000	1,660,000	1,696,000	1,736,000	1,780,000	1,821,000	8,693,000
2 50-30-2-01 REPLACEMENTS	2,374,000	2,527,000	3,062,000	3,129,000	3,204,000	3,265,000	3,359,000	16,039,000
TOTAL C-30	3,805,000	4,017,000	4,722,000	4,825,000	4,940,000	5,065,000	5,180,000	24,732,000
<u>C-32 SERVICES REGULATORS</u>								
4 50-32-1-01 ADDITIONS AND INSTALLATIONS	56,000	41,000	57,000	58,000	60,000	61,000	62,000	298,000
1 50-32-2-01 REPLACEMENTS	23,000	32,000	33,000	34,000	34,000	35,000	36,000	172,000
TOTAL C-32	79,000	73,000	90,000	92,000	94,000	96,000	98,000	470,000
<u>C-33 TELEMETERING</u>								
5 50-33-1-01 ADDITIONS AND INSTALLATIONS	118,000	115,000	122,000	125,000	128,000	131,000	134,000	640,000
1 50-33-2-01 REPLACEMENTS	166,000	157,000	161,000	164,000	168,000	173,000	177,000	843,000
TOTAL C-33	284,000	272,000	283,000	289,000	296,000	304,000	311,000	1,483,000

FIELD SERVICES DEPARTMENT

FORECAST - FISCAL YEARS 2018 THROUGH 2022

	<u>2016 AMENDED BUDGET</u>	<u>2017 BUDGET</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>TOTAL FORECAST</u>
<u>C-34 METER SHOP EQUIPMENT</u>								
5 50-34-2-01 REPLACEMENTS	55,000	162,000	22,000	90,000	24,000	93,000	26,000	255,000
TOTAL C-34	55,000	162,000	22,000	90,000	24,000	93,000	26,000	255,000
<u>C-35 SERVICE SECTION EQUIPMENT</u>								
5 50-35-2-01 REPLACEMENTS	0	0	0	9,000	0	0	11,000	20,000
TOTAL C-35	0	0	0	9,000	0	0	11,000	20,000
<u>C-36 AUTOMATIC METER READING</u>								
5 50-36-1-01 ADDITIONS	140,000	140,000	167,000	170,000	174,000	179,000	183,000	873,000
5 50-36-2-01 REPLACEMENTS	2,332,000	2,373,000	2,449,000	2,495,000	2,554,000	2,619,000	2,678,000	12,795,000
TOTAL C-36	2,472,000	2,513,000	2,616,000	2,665,000	2,728,000	2,798,000	2,861,000	13,668,000

FIELD SERVICES DEPARTMENT

FORECAST - FISCAL YEARS 2018 THROUGH 2022

	<u>2016 AMENDED BUDGET</u>	<u>2017 BUDGET</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>TOTAL FORECAST</u>
1 50-99-2-99 <u>C-99 COST OF REMOVAL</u>								
GROSS TOTAL FIELD SERVICES DEPARTMENT	6,705,000	7,037,000	7,733,000	7,970,000	8,082,000	8,356,000	8,487,000	40,628,000
50-98-2-98 LESS: SALVAGE								0
50-94-1-94 LESS: CONTRIBUTIONS								0
NET TOTAL FIELD SERVICES DEPARTMENT	<u>6,705,000</u>	<u>7,037,000</u>	<u>7,733,000</u>	<u>7,970,000</u>	<u>8,082,000</u>	<u>8,356,000</u>	<u>8,487,000</u>	<u>40,628,000</u>
ACQUIRE ASSETS	6,705,000	7,037,000	7,733,000	7,970,000	8,082,000	8,356,000	8,487,000	40,628,000
LEASE								

FLEET OPERATIONS DEPARTMENT

FORECAST - FISCAL YEARS 2018 THROUGH 2022

	<u>2016 AMENDED BUDGET</u>	<u>2017 BUDGET</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>TOTAL FORECAST</u>
2 73-01-1-01 ACQUIRE ADDTL VEHICLES TO SUPPORT INCREMENTAL CAST IRON MAIN REPLACEMENT	118,000							0
1 73-01-1-02 MOBILE EQUIPMENT ADDITIONS	632,000	80,000						0
1 73-01-2-01 SHOP EQUIPMENT REPLACEMENTS	45,000							0
2 73-01-2-02 MOBILE EQUIPMENT REPLACEMENTS	1,533,000	677,000	880,000	133,000	364,000	515,000	290,000	2,182,000
2 73-01-2-03 VEHICLE REPLACEMENTS	5,979,000	5,081,000	2,695,000	579,000	79,000	6,384,000	2,159,000	11,896,000
73-98-2-98	8,162,000	5,883,000	3,575,000	712,000	443,000	6,899,000	2,449,000	14,078,000
GROSS TOTAL FLEET OPERATIONS DEPARTMENT	<u>8,162,000</u>	<u>5,883,000</u>	<u>3,575,000</u>	<u>712,000</u>	<u>443,000</u>	<u>6,899,000</u>	<u>2,449,000</u>	<u>14,078,000</u>
LESS: SALVAGE								
NET TOTAL FLEET OPERATIONS DEPARTMENT	<u>8,162,000</u>	<u>5,883,000</u>	<u>3,575,000</u>	<u>712,000</u>	<u>443,000</u>	<u>6,899,000</u>	<u>2,449,000</u>	<u>14,078,000</u>
ACQUIRE ASSETS	8,162,000	5,883,000	3,575,000	712,000	443,000	6,899,000	2,449,000	14,078,000
LEASE								

OTHER DEPARTMENTS

FORECAST - FISCAL YEARS 2018 THROUGH 2022

	<u>2018 AMENDED BUDGET</u>	<u>2017 BUDGET</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>TOTAL FORECAST</u>
<u>FACILITIES</u>								
1 72-01-1-01 MISCELLANEOUS CAPITAL ADDITIONS	125,000	150,000	153,000	157,000	161,000	165,000	169,000	805,000
1 72-01-1-02 MISCELLANEOUS CAPITAL ADDITIONS - GAS PROCESSING	9,000	10,000	10,000	11,000	11,000	11,000	11,000	54,000
1 72-01-2-01 MISCELLANEOUS CAPITAL REPLACEMENTS/STRUCTURAL REPAIRS	376,000	366,000	374,000	383,000	393,000	402,000	412,000	1,864,000
1 72-01-2-02 MISCELLANEOUS CAPITAL REPLACEMENTS - GAS PROCESSING	45,000	46,000	47,000	48,000	49,000	51,000	52,000	247,000
1 72-01-2-03 MISC CAPITAL REPL - STRUCTURAL REPAIRS - GAS PROCESSING	57,000	57,000	59,000	60,000	61,000	63,000	64,000	307,000
1 72-01-2-04 REPLACE CARPETS- ALL LOCATIONS	165,000	70,000						
1 72-01-2-05 REPLACE MODULAR FURNITURE	195,000	80,000						
2 72-01-2-08 REPLACE 800 BUILDING MECHANICAL ROOM CIRCULATION PUMPS	354,000							
2 72-01-2-07 REPLACE 800 CHW PIPING	108,000							
1 72-01-2-08 REPLACE 1849 BUILDING STAIR TOWER STAIR	289,000							
2 72-01-2-10 REPLACE 1800 3RD FLOOR DOMESTIC WATER PUMPS & PIPING	268,000							
1 72-01-2-11 REPLACE 800 BUILDING ELEVATOR INTERIORS	91,000							
1 72-01-2-12 800 BUILDING RESTROOM RENOVATIONS	455,000							
2 72-01-2-14 SOUTH PHILADELPHIA DISTRICT OFFICE BUILDING ENVELOPE REPAIR	400,000							
1 72-01-2-15 800 BUILDING UPS ROOM CLEAN AGENT FIRE SUPPRESSION SYSTEM	82,000							
2 72-01-2-16 **BUILDING CONSOLIDATION								
72-01-XX-XX NON-RECURRING ITEMS	1,767,000							
TOTAL FACILITIES	<u>2,739,000</u>	<u>2,806,000</u>	<u>643,000</u>	<u>659,000</u>	<u>675,000</u>	<u>692,000</u>	<u>708,000</u>	<u>3,377,000</u>

OTHER DEPARTMENTS

FORECAST - FISCAL YEARS 2018 THROUGH 2022

	2016 AMENDED BUDGET	2017 BUDGET	2018	2019	2020	2021	2022	TOTAL FORECAST
INFORMATION SERVICES								
2 47-01-1-01	57,000	58,000	59,000	61,000	62,000	64,000	65,000	311,000
2 47-01-1-02	170,000	190,000	194,000	199,000	204,000	209,000	214,000	1,020,000
2 47-01-1-03		477,000						
2 47-01-2-01	941,000							
2 47-01-2-03	227,000	230,000	235,000	241,000	247,000	253,000	259,000	1,235,000
2 47-01-2-05	177,000	201,000	206,000	211,000	216,000	221,000	226,000	1,080,000
2 47-01-2-07	50,000	50,000	51,000	52,000	54,000	55,000	56,000	268,000
47-01-XX-XX	2,263,000							
	<u>2,964,000</u>	<u>2,147,000</u>	<u>745,000</u>	<u>764,000</u>	<u>783,000</u>	<u>802,000</u>	<u>820,000</u>	<u>3,914,000</u>
TOTAL INFORMATION SERVICES								
1 13-01-2-01		250,000	250,000	250,000	250,000	250,000	250,000	1,250,000
2 13-01-2-02	250,000	250,000	250,000	250,000	250,000	250,000	250,000	1,250,000
4 13-01-2-03	250,000	250,000	250,000	250,000	250,000	250,000	250,000	1,250,000
	<u>750,000</u>	<u>750,000</u>	<u>750,000</u>	<u>750,000</u>	<u>750,000</u>	<u>750,000</u>	<u>750,000</u>	<u>3,750,000</u>
TOTAL CHIEF OPERATING OFFICER								

FISCAL 2017 FINANCING PLAN

PHILADELPHIA GAS WORKS
CAPITAL FINANCING PLAN

As a result of the FY 2011 Operating Budget proceedings, a motion was approved that directed PGW to begin with its FY 2012 Capital Budget filing to include with each proposed Capital Budget and Capital Budget Amendment a proposed Capital Funding plan pursuant to Section IV.2.b of the Management Agreement.

In this section of the Management Agreement, funds required to be supplied must be identified between:

- i. Funds generated within the business through charges to customer or otherwise; and
- ii. Funds to be obtained through capital loans.

Capital Spending in FY 2017

• Spending from FY 2017 Program	\$ 105,109,000
• Spending Carryover from FY 2016	\$ 32,300,000
• Total FY 2017 Spending	\$ 137,409,000
• Projected Reimbursement	\$ 1,841,000
• Salvage	\$ 187,000
• Construction Contributions	\$ 1,661,000
• Net FY 2017 Capital Spending	\$ 133,720,000

Capital Funding Sources:

• Capital Bond Proceeds	\$ 66,060,000
• DSIC	\$ 32,660,000
• Internally Generated Funds	\$ 35,000,000
• FY 2017 Capital Funding	\$ 133,720,000

The funding plan is based upon current financial projections and is subject to changes based upon PGW's financial conditions at the time funds are required to support the FY 2017 Capital Program.