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April 25, 2016

Via Electronic Filing

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

Re: Philadelphia Gas Works Long Term Infrastructure Improvement Plan (LTIIP),
Docket No. P-2012-2337737 and P-2015-2501500

Dear Secretary Chiavetta:

Enclosed for electronic filing please find Philadelphia Gas Works' Responses to the Data Requests of the Pennsylvania Public Utility Commission with regard to the above-referenced matter. Copies to be served in accordance with the attached Certificate of Service.

Sincerely,



Daniel Clearfield

DC/lww
Enclosure

cc: Cert. of Service w/enc.

CERTIFICATE OF SERVICE

I hereby certify that this day I served a copy of PGW's Response to PUC Data Requests upon the persons listed below in the manner indicated in accordance with the requirements of 52 Pa. Code Section 1.54.

Via Email and/or First Class Mail

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Daniel Clearfield Esq.

Dated: April 25, 2016

**Response of Philadelphia Gas Works to the Data Request of the
Pennsylvania Public Utility Commission
Re: Long-Term Infrastructure Improvement Plan
Docket Nos. P-2012-2337737 & P-2015-2501500**

PAPUC Data Request 1

1. Please provide copies of PGW's DOT 7100 reports for 2011, 2012, 2013, 2014 and 2015.

Response:

Copies are attached as Attachments PaPUC-1(a)-(e).



**Annual Report for Calendar Year 2011
Gas Distribution System**

PART A - Operator Information	
1. NAME OF OPERATOR Philadelphia Gas Works	3. OPERATOR 5 DIGIT IDENTIFICATION NUMBER 1154691
2. LOCATION OF OFFICE WHERE ADDITIONAL INFORMATION MAY BE OBTAINED 800 W. Montgomery Avenue Number and Street Philadelphia, Philadelphia City and County PA 19122 State and Zip	4. HEADQUARTERS NAME & ADDRESS, IF DIFFERENT _____ Number and Street _____ City and County _____ State and Zip
5. STATE IN WHICH SYSTEM OPERATES: P / A / I	

PART - B SYSTEM DESCRIPTION Report miles of main and number of services in system at the end of year.

1. GENERAL										
	STEEL				PLASTIC	CAST/ WROUGHT IRON	DUCTILE IRON	COPPER	OTHER	SYSTEM TOTAL
	UNPROTECTED		CATHODICALLY PROTECTED							
	BARE	COATED	BARE	COATED						
MILES OF MAIN		497		491	385	1,542	134			3,029
NO. OF SERVICE	105,700	22,720		22,038	315,324			16	240	468,045

2. MILES OF MAIN IN SYSTEM AT END OF YEAR							
MATERIAL	UNKNOWN	2" OR LESS	OVER 2" THRU 4"	OVER 4" THRU 6"	OVER 6" THRU 12"	OVER 12"	TOTAL
STEEL	0	51	273	440	101	123	888
DUCTILE IRON	0	0	58	73	5	0	134
COPPER	0	0	0	0	0	0	
CAST WROUGHT IRON	0	0	289	952	128	173	1542
PLASTIC 1. PVC	0	0	0	0	0	0	
2. PE	0	23	210	132	0	0	365
3. ABS	0	0	0	0	0	0	
4. OTHER PLASTIC	0	0	0	0	0	0	
OTHER	0	0	0	0	0	0	
SYSTEM TOTALS	0	74	828	1,597	234	298	3,029

3. NUMBER OF SERVICES IN SYSTEM AT END OF YEAR				AVERAGE SERVICE LENGTH IN FEET : 31			
MATERIAL	UNKNOWN	1" OR LESS	OVER 1" THRU 2"	OVER 2" THRU 4"	OVER 4" THRU 6"	OVER 6"	TOTAL
STEEL	2	134	146,418	3,062	627	22	150,405
DUCTILE IRON	0	0	0	0	0	0	0
COPPER	0	15	1	0	0	0	16
CAST WROUGHT IRON	0	0	0	0	0	0	0
PLASTIC 1. PVC	0	0	0	0	0	0	0
2. PE	4	283,787	18,758	2,517	280	0	315,324
3. ABS	0	0	0	0	0	0	0
4. OTHER PLASTIC	0	0	0	0	0	0	0
OTHER	17	19	192	11	1	0	240
SYSTEM TOTALS	23	283,955	165,367	5,590	1,088	22	488,045

4. MILES OF MAIN AND NUMBER OF SERVICES BY DECADE OF INSTALLATION											
	UNKNOWN	PRE 1940	1940-1949	1950-1959	1960-1969	1970-1979	1980-1989	1990-1999	2000-2009	2010-2019	TOTAL
MILES OF MAIN		1,208	200	511	358	180	217	132	177	48	3,029
NUMBER OF SERVICES	714	54,840	20,397	27,870	24,823	48,834	83,131	89,202	100,843	15,331	488,045



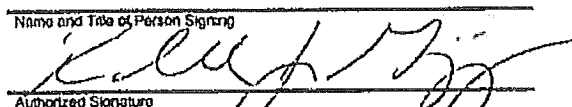
**Annual Report for Calendar Year 2011
Gas Distribution System**

PART C - TOTAL LEAKS AND HAZARDOUS LEAKS ELIMINATED/REPAIRED DURING YEAR				
CAUSE OF LEAK	MAINS		SERVICES	
	TOTAL	HAZARDOUS	TOTAL	HAZARDOUS
CORROSION	177	42	3,276	1,906
NATURAL FORCES	2,391	1,023	8	2
EXCAVATION DAMAGE	28	5	69	11
OTHER OUTSIDE FORCE DAMAGE	1	1	27	20
MATERIAL OR WELDS	0	0	5	2
EQUIPMENT	50	16	492	231
OTHER	5	0	16	12
INCORRECT OPERATIONS				
NUMBER OF KNOWN SYSTEM LEAKS AT THE END OF YEAR SCHEDULED FOR REPAIR			24	

PART D - EXCAVATION DAMAGE		PART E - EXCESS FLOW VALVE (EFV) DATA	
Number of Excavation Damages	97	Total Number of EFVs on Single Family Residential Services Installed During Year	11
Number of Excavation Tickets	46,415	Estimated Number of EFVs In System at End of Year	1,039

PART F - TOTAL NUMBER OF LEAKS ON FEDERAL LAND REPAIRED OR SCHEDULED FOR REPAIR	PART G - PERCENT OF UNACCOUNTED FOR GAS
0	Unaccounted for gas as a percent of total input for the 12 months ending June 30 of the reporting year $\frac{[(\text{Purchased gas} + \text{produced gas}) \text{ minus } (\text{customer use} + \text{company use} + \text{appropriate adjustments})]}{(\text{purchased gas} + \text{produced gas})} \text{ equals percent unaccounted}$ Input for year ending 6/30 <u>2.60%</u>

PART H - ADDITIONAL INFORMATION

PART I - PREPARER AND AUTHORIZED SIGNATURE	
PAUL A. MONDIMORE, Vice President - Field Operations _____ (type or print) Preparer's Name and Title Paul.Mondimore@pgworks.com _____ Preparer's email address RANDALL J. GYORY, Executive Vice President & COO _____ Name and Title of Person Signing  _____ Authorized Signature	215-684-6372 _____ Area Code and Telephone Number _____ Area Code and Telephone Number 215-684-6364 _____ Area Code and Telephone Number

NOTICE: This report is required by 49 CFR Part 191. Failure to report can result in a civil penalty not to exceed 100,000 for each violation for each day that such violation persists except that the maximum civil penalty shall not exceed \$1,000,000 as provided in 49 USC 60122.

OMB NO: 2137-0522
EXPIRATION DATE: 01/31/2014



U.S Department of Transportation
Pipeline and Hazardous Materials Safety Administration

Form Type: INITIAL

Date Submitted: 3/7/2013

(DOT use only) 20130618-17722

**ANNUAL REPORT FOR
CALENDAR YEAR 2012
GAS DISTRIBUTION SYSTEM**

A federal agency may not conduct or sponsor, and a person is not required to respond to, nor shall a person be subject to a penalty for failure to comply with a collection of information subject to the requirements of the Paperwork Reduction Act unless that collection of information displays a current valid OMB Control Number. The OMB Control Number for this information collection is 2137-0522. Public reporting for this collection of information is estimated to be approximately 16 hours per response, including the time for reviewing instructions, gathering the data needed, and completing and reviewing the collection of information. All responses to this collection of information are mandatory. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden to: Information Collection Clearance Officer, PHMSA, Office of Pipeline Safety (PHP-30) 1200 New Jersey Avenue, SE, Washington, D.C. 20590.

PART A - OPERATOR INFORMATION

1. Name of Operator	PHILADELPHIA GAS WORKS
2. LOCATION OF OFFICE (WHERE ADDITIONAL INFORMATION MAY BE OBTAINED)	
2a. Street Address	800 W MONTGOMERY AVE
2b. City and County	PHILADELPHIA
2c. State	PA
2d. Zip Code	19122
3. OPERATOR'S 5 DIGIT IDENTIFICATION NUMBER	15469
4. HEADQUARTERS NAME & ADDRESS	
4a. Street Address	800 W. MONTGOMERY AVENUE
4b. City and County	PHILADELPHIA,US
4c. State	PA
4d. Zip Code	19122
5. STATE IN WHICH SYSTEM OPERATES	PA

PART B - SYSTEM DESCRIPTION

1.GENERAL

	STEEL				DUCTILE IRON	COPPER	CAST/ WROUGHT IRON	PLASTIC	OTHER	TOTAL
	UNPROTECTED		CATHODICALLY PROTECTED							
	BARE	COATED	BARE	COATED						
MILES OF MAIN	0.000	496.000	0.000	488.000	133.000	0.000	1524.000	385.000	0.000	3026.000
NO. OF SERVICES	102607.000	22292.000	0.000	22131.000	0.000	16.000	0.000	316681.000	239.000	465966.000

2. MILES OF MAINS IN SYSTEM AT END OF YEAR

MATERIAL	UNKNOWN	2' OR LESS	OVER 2' THRU 4'	OVER 4' THRU 6'	OVER 6' THRU 12'	OVER 12'	TOTAL
STEEL	0.000	50.000	271.000	439.000	101.000	123.000	984.000
DUCTILE IRON	0.000	0.000	56.000	72.000	5.000	0.000	133.000
COPPER	0.000	0.000	0.000	0.000	0.000	0.000	0.000
CASTWROUGHT IRON	0.000	0.000	285.000	940.000	127.000	172.000	1524.000
PLASTIC PVC	0.000	0.000	0.000	0.000	0.000	0.000	0.000
PLASTIC PE	0.000	23.000	215.000	147.000	0.000	0.000	385.000
PLASTIC ABS	0.000	0.000	0.000	0.000	0.000	0.000	0.000
PLASTIC OTHER	0.000	0.000	0.000	0.000	0.000	0.000	0.000
OTHER	0.000	0.000	0.000	0.000	0.000	0.000	0.000
TOTAL	0.000	73.000	627.000	1598.000	233.000	295.000	3026.000

3. NUMBER OF SERVICES IN SYSTEM AT END OF YEAR


AVERAGE SERVICE LENGTH: 31

MATERIAL	UNKNOWN	1' OR LESS	OVER 1' THRU 2'	OVER 2' THRU 4'	OVER 4' THRU 6'	OVER 6'	TOTAL
STEEL	2.000	140.000	142994.000	3060.000	611.000	23.000	147030.000
DUCTILE IRON	0.000	0.000	0.000	0.000	0.000	0.000	0.000
COPPER	0.000	15.000	1.000	0.000	0.000	0.000	16.000
CASTWROUGHT IRON	0.000	0.000	0.000	0.000	0.000	0.000	0.000
PLASTIC PVC	0.000	0.000	0.000	0.000	0.000	0.000	0.000
PLASTIC PE	3.000	205397.000	19493.000	2517.000	271.000	0.000	318681.000
PLASTIC ABS	0.000	0.000	0.000	0.000	0.000	0.000	0.000
PLASTIC OTHER	0.000	0.000	0.000	0.000	0.000	0.000	0.000
OTHER	15.000	21.000	192.000	10.000	1.000	0.000	239.000
TOTAL	20.000	205573.000	162680.000	5587.000	1083.000	23.000	465966.000

4. MILES OF MAIN AND NUMBER OF SERVICES BY DECADE OF INSTALLATION

	UNKNOWN	PRE-1940	1940-1949	1950-1959	1960-1969	1970-1979	1980-1989	1990-1999	2000-2009	2010-2019	TOTAL
MILES OF MAIN	0.000	1192.000	199.000	510.000	355.000	177.000	216.000	131.000	177.000	69.000	3026.000
NUMBER OF SERVICES	320,000	53012.000	19972.000	27162.000	24327.000	48409.000	82447.000	88640.000	100393.000	21284.000	465966.000

PART C - TOTAL LEAKS AND HAZARDOUS LEAKS ELIMINATED/REPAIRED DURING THE YEAR				
CAUSE OF LEAK	MAINS		SERVICES	
	TOTAL	HAZARDOUS	TOTAL	HAZARDOUS
CORROSION	145	58	2686	2198
NATURAL FORCES	2094	1105	15	13
EXCAVATION DAMAGE	26	6	70	14
OTHER OUTSIDE FORCE DAMAGE	0	0	20	14
MATERIAL OR WELDS	0	0	8	5
EQUIPMENT	16	16	349	167
INCORRECT OPERATIONS	0	0	0	0
OTHER	13	1	24	18
NUMBER OF KNOWN SYSTEM LEAKS AT END OF YEAR SCHEDULED FOR REPAIR : 45				
PART D - EXCAVATION DAMAGE			PART E-EXCESS FLOW VALUE(EFV) DATA	
NUMBER OF EXCAVATION DAMAGES: <u>96</u>			NUMBER OF EFV'S INSTALLED THIS CALENDER YEAR ON SINGLE FAMILY RESIDENTIAL SERVICES: <u>11</u>	
NUMBER OF EXCAVATION TICKETS : <u>37950</u>			ESTIMATED NUMBER OF EFV'S IN SYSTEM AT THE END OF YEAR: <u>1072</u>	
PART F - LEAKS ON FEDERAL LAND			PART G-PERCENT OF UNACCOUNTED FOR GAS	
TOTAL NUMBER OF LEAKS ON FEDERAL LAND REPAIRED OR SCHEDULED TO REPAIR: <u>0</u>			UNACCOUNTED FOR GAS AS A PERCENT OF TOTAL INPUT FOR THE 12 MONTHS ENDING JUNE 30 OF THE REPORTING YEAR. INPUT FOR YEAR ENDING 6/30: <u>2.7%</u>	
PART H - ADDITIONAL INFORMATION				
PART I - PREPARER AND AUTHORIZED SIGNATURE				
Paul Mondimore, Vice Pres., Field Operations (Preparer's Name and Title)			(215) 684-6372 (Area Code and Telephone Number)	
paul.mondimore@pgworks.com (Preparer's email address)			(215) 684-6388 (Area Code and Facsimile Number)	

NOTICE: This report is required by 49 CFR Part 191. Failure to report can result in a civil penalty not to exceed 100,000 for each violation for each day that such violation persists except that the maximum civil penalty shall not exceed \$1,000,000 as provided in 49 USC 60122.		OMB NO: 2137-0522 EXPIRATION DATE: 01/31/2014
 U.S. Department of Transportation Pipeline and Hazardous Materials Safety Administration	Initial Date Submitted:	03/07/2014
	Form Type:	INITIAL
	Date Submitted:	

**ANNUAL REPORT FOR
CALENDAR YEAR 2013
GAS DISTRIBUTION SYSTEM**

A federal agency may not conduct or sponsor, and a person is not required to respond to, nor shall a person be subject to a penalty for failure to comply with a collection of information subject to the requirements of the Paperwork Reduction Act unless that collection of information displays a current valid OMB Control Number. The OMB Control Number for this information collection is 2137-0522. Public reporting for this collection of information is estimated to be approximately 16 hours per response, including the time for reviewing instructions, gathering the data needed, and completing and reviewing the collection of information. All responses to this collection of information are mandatory. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden to: Information Collection Clearance Officer, PHMSA, Office of Pipeline Safety (PHP-30) 1200 New Jersey Avenue, SE, Washington, D.C. 20590.

PART A - OPERATOR INFORMATION		(DOT use only)	20142197-21200
1. Name of Operator		PHILADELPHIA GAS WORKS	
2. LOCATION OF OFFICE (WHERE ADDITIONAL INFORMATION MAY BE OBTAINED)			
2a. Street Address		800 W MONTGOMERY AVE	
2b. City and County		PHILADELPHIA	
2c. State		PA	
2d. Zip Code		19122	
3. OPERATOR'S 5 DIGIT IDENTIFICATION NUMBER		15469	
4. HEADQUARTERS NAME & ADDRESS			
4a. Street Address		800 W. MONTGOMERY AVENUE	
4b. City and County		PHILADELPHIA,US	
4c. State		PA	
4d. Zip Code		19122	
5. STATE IN WHICH SYSTEM OPERATES		PA	

PART B - SYSTEM DESCRIPTION										
1.GENERAL										
	STEEL				DUCTILE IRON	COPPER	CAST/WROUGHT IRON	PLASTIC	OTHER	TOTAL
	UNPROTECTED		CATHODICALLY PROTECTED							
	BARE	COATED	BARE	COATED						
MILES OF MAIN	0.000	493.000	0.000	492.000	132.000	0.000	1501.000	406.000	0.000	3024.000
NO. OF SERVICES	97341.000	23247.000	0.000	25165.000	0.000	16.000	0.000	329984.000	47.000	475800.000

2.MILES OF MAINS IN SYSTEM AT END OF YEAR							
MATERIAL	UNKNOWN	2' OR LESS	OVER 2' THRU 4'	OVER 4' THRU 8'	OVER 8' THRU 12'	OVER 12'	TOTAL
STEEL	0.000	50.000	270.000	438.000	102.000	125.000	985.000
DUCTILE IRON	0.000	0.000	56.000	71.000	5.000	0.000	132.000
COPPER	0.000	0.000	0.000	0.000	0.000	0.000	0.000
CAST/WROUGHT IRON	0.000	0.000	280.000	927.000	126.000	168.000	1501.000
PLASTIC PVC	0.000	0.000	0.000	0.000	0.000	0.000	0.000
PLASTIC PE	0.000	24.000	222.000	160.000	0.000	0.000	406.000
PLASTIC ABS	0.000	0.000	0.000	0.000	0.000	0.000	0.000
PLASTIC OTHER	0.000	0.000	0.000	0.000	0.000	0.000	0.000
OTHER	0.000	0.000	0.000	0.000	0.000	0.000	0.000
TOTAL	0.000	74.000	628.000	1596.000	233.000	293.000	3024.000

3.NUMBER OF SERVICES IN SYSTEM AT END OF YEAR				AVERAGE SERVICE LENGTH: 32			
MATERIAL	UNKNOWN	1' OR LESS	OVER 1' THRU 2'	OVER 2' THRU 4'	OVER 4' THRU 8'	OVER 8'	TOTAL
STEEL	8.000	235.000	141301.000	3359.000	828.000	22.000	145753.000
DUCTILE IRON	0.000	0.000	0.000	0.000	0.000	0.000	0.000
COPPER	0.000	15.000	1.000	0.000	0.000	0.000	16.000
CAST/WROUGHT IRON	0.000	0.000	0.000	0.000	0.000	0.000	0.000
PLASTIC PVC	0.000	0.000	0.000	0.000	0.000	0.000	0.000
PLASTIC PE	1.000	304843.000	22013.000	2817.000	309.000	1.000	329984.000
PLASTIC ABS	0.000	0.000	0.000	0.000	0.000	0.000	0.000
PLASTIC OTHER	0.000	0.000	0.000	0.000	0.000	0.000	0.000
OTHER	0.000	37.000	5.000	4.000	1.000	0.000	47.000
TOTAL	9.000	305130.000	163320.000	6180.000	1138.000	23.000	475800.000

4.MILES OF MAIN AND NUMBER OF SERVICES BY DECADE OF INSTALLATION											
	UNKNOWN	PRE-1940	1940-1949	1950-1959	1960-1969	1970-1979	1980-1989	1990-1999	2000-2009	2010-2019	TOTAL
MILES OF MAIN	0.000	1171.000	198.000	508.000	354.000	178.000	215.000	131.000	177.000	94.000	3024.000
NUMBER OF SERVICES	133.000	51291.000	19522.000	26364.000	24028.000	48059.000	82218.000	88618.000	102279.000	33288.000	475800.000

PART C - TOTAL LEAKS AND HAZARDOUS LEAKS ELIMINATED/REPAIRED DURING THE YEAR				
CAUSE OF LEAK	MAINS		SERVICES	
	TOTAL	HAZARDOUS	TOTAL	HAZARDOUS
CORROSION	146	37	2997	1770
NATURAL FORCES	2480	1013	16	8
EXCAVATION DAMAGE	29	3	68	16
OTHER OUTSIDE FORCE DAMAGE	2	0	15	10
MATERIAL OR WELDS	2	1	10	5
EQUIPMENT	31	16	566	218
INCORRECT OPERATIONS	3	1	3	1
OTHER	10	1	38	22
NUMBER OF KNOWN SYSTEM LEAKS AT END OF YEAR SCHEDULED FOR REPAIR : 55				
PART D - EXCAVATION DAMAGE			PART E-EXCESS FLOW VALUE(EFV) DATA	
NUMBER OF EXCAVATION DAMAGES: <u>97</u>			NUMBER OF EFV'S INSTALLED THIS CALENDER YEAR ON SINGLE FAMILY RESIDENTIAL SERVICES: <u>112</u>	
NUMBER OF EXCAVATION TICKETS : <u>48331</u>			ESTIMATED NUMBER OF EFV'S IN SYSTEM AT THE END OF YEAR: <u>1184</u>	
PART F - LEAKS ON FEDERAL LAND			PART G-PERCENT OF UNACCOUNTED FOR GAS	
TOTAL NUMBER OF LEAKS ON FEDERAL LAND REPAIRED OR SCHEDULED TO REPAIR: <u>0</u>			UNACCOUNTED FOR GAS AS A PERCENT OF TOTAL INPUT FOR THE 12 MONTHS ENDING JUNE 30 OF THE REPORTING YEAR. INPUT FOR YEAR ENDING 6/30. <u>1.2%</u>	
PART H - ADDITIONAL INFORMATION				
PART I - PREPARER AND AUTHORIZED SIGNATURE				
Paul Mondimore, VP Field Operations (Preparer's Name and Title)			(215) 684-6372 (Area Code and Telephone Number)	
paul.mondimore@pgworks.com (Preparer's email address)			(215) 684-6388 (Area Code and Facsimile Number)	

NOTICE: This report is required by 49 CFR Part 191. Failure to report can result in a civil penalty not to exceed 100,000 for each violation for each day that such violation persists except that the maximum civil penalty shall not exceed \$1,000,000 as provided in 49 USC 60122.

OMB NO: 2137-0522
EXPIRATION DATE: 10/31/2016



U.S Department of Transportation
Pipeline and Hazardous Materials Safety Administration

Initial Date Submitted: 03/13/2015
Form Type: INITIAL
Date Submitted:

**ANNUAL REPORT FOR
CALENDAR YEAR 2014
GAS DISTRIBUTION SYSTEM**

A federal agency may not conduct or sponsor, and a person is not required to respond to, nor shall a person be subject to a penalty for failure to comply with a collection of information subject to the requirements of the Paperwork Reduction Act unless that collection of information displays a current valid OMB Control Number. The OMB Control Number for this information collection is 2137-0522. Public reporting for this collection of information is estimated to be approximately 16 hours per response, including the time for reviewing instructions, gathering the data needed, and completing and reviewing the collection of information. All responses to this collection of information are mandatory. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden to: Information Collection Clearance Officer, PHMSA, Office of Pipeline Safety (PHP-30) 1200 New Jersey Avenue, SE, Washington, D.C. 20590.

PART A - OPERATOR INFORMATION (DOT use only) 20154119-24622

1. Name of Operator	PHILADELPHIA GAS WORKS
2. LOCATION OF OFFICE (WHERE ADDITIONAL INFORMATION MAY BE OBTAINED)	
2a. Street Address	800 W MONTGOMERY AVE
2b. City and County	PHILADELPHIA
2c. State	PA
2d. Zip Code	19122
3. OPERATOR'S 5 DIGIT IDENTIFICATION NUMBER	15469
4. HEADQUARTERS NAME & ADDRESS	
4a. Street Address	800 W. MONTGOMERY AVENUE
4b. City and County	PHILADELPHIA
4c. State	PA
4d. Zip Code	19122
5. STATE IN WHICH SYSTEM OPERATES	PA

PART B - SYSTEM DESCRIPTION


1.GENERAL	STEEL				PLASTIC	CAST/ WROUGHT IRON	DUCTILE IRON	COPPER	OTHER	SYSTEM TOTAL
	UNPROTECTED		CATHODICALLY PROTECTED							
	BARE	COATED	BARE	COATED						
MILES OF MAIN	0	491	0	487	440	1473	132	0	0	3023
NO. OF SERVICES	96745	21733	0	22925	330298	0	0	15	229	471945

2.MILES OF MAINS IN SYSTEM AT END OF YEAR							
MATERIAL	UNKNOWN	2" OR LESS	OVER 2" THRU 4"	OVER 4" THRU 8"	OVER 8" THRU 12"	OVER 12"	SYSTEM TOTALS
STEEL	0	50	269	437	100	122	978.00
DUCTILE IRON	0	0	56	71	5	0	132.00
COPPER	0	0	0	0	0	0	0.00
CAST/WROUGHT IRON	0	0	275	910	123	165	1,473.00
PLASTIC PVC	0	0	0	0	0	0	0.00
PLASTIC PE	0	25	232	183	0	0	440.00
PLASTIC ABS	0	0	0	0	0	0	0.00
PLASTIC OTHER	0	0	0	0	0	0	0.00
OTHER	0	0	0	0	0	0	0.00
TOTAL	0.00	75.00	832.00	1,601.00	228.00	287.00	3,023.00

3.NUMBER OF SERVICES IN SYSTEM AT END OF YEAR					AVERAGE SERVICE LENGTH: 32		
MATERIAL	UNKNOWN	1" OR LESS	OVER 1" THRU 2"	OVER 2" THRU 4"	OVER 4" THRU 8"	OVER 8"	SYSTEM TOTALS
STEEL	3	189	137300	3115	773	23	141403
DUCTILE IRON	0	0	0	0	0	0	0
COPPER	0	14	1	0	0	0	15
CAST/WROUGHT IRON	0	0	0	0	0	0	0
PLASTIC PVC	0	0	0	0	0	0	0
PLASTIC PE	2	305649	21813	2544	290	0	330298
PLASTIC ABS	0	0	0	0	0	0	0
PLASTIC OTHER	0	0	0	0	0	0	0
OTHER	13	20	187	8	1	0	229
TOTAL	18	305872	159301	5667	1064	23	471945

4.MILES OF MAIN AND NUMBER OF SERVICES BY DECADE OF INSTALLATION											
	UNKNOWN	PRE-1940	1940-1949	1950-1959	1960-1969	1970-1979	1980-1989	1990-1999	2000-2009	2010-2019	TOTAL
MILES OF MAIN	0	1148	194	506	352	176	215	131	176	125	3023
NUMBER OF SERVICES	0	49606	19024	25813	23689	48364	81974	88450	100343	34682	471945

PART C - TOTAL LEAKS AND HAZARDOUS LEAKS ELIMINATED/REPAIRED DURING THE YEAR				
CAUSE OF LEAK	MAINS		SERVICES	
	TOTAL	HAZARDOUS	TOTAL	HAZARDOUS
CORROSION	147	39	2839	1537
NATURAL FORCES	3192	1461	28	15
EXCAVATION DAMAGE	54	14	74	9
OTHER OUTSIDE FORCE DAMAGE	0	0	24	14
MATERIAL OR WELDS	0	0	7	4
EQUIPMENT	58	27	680	310
INCORRECT OPERATIONS	3	0	1	1
OTHER	6	1	29	16
NUMBER OF KNOWN SYSTEM LEAKS AT END OF YEAR SCHEDULED FOR REPAIR : 34				
PART D - EXCAVATION DAMAGE			PART E-EXCESS FLOW VALUE(EFV) DATA	
NUMBER OF EXCAVATION DAMAGES: <u>128</u>			NUMBER OF EFV'S INSTALLED THIS CALENDER YEAR ON SINGLE FAMILY RESIDENTIAL SERVICES: <u>14</u>	
NUMBER OF EXCAVATION TICKETS : <u>54924</u>			ESTIMATED NUMBER OF EFV'S IN SYSTEM AT THE END OF YEAR: <u>1122</u>	
PART F - LEAKS ON FEDERAL LAND			PART G-PERCENT OF UNACCOUNTED FOR GAS	
TOTAL NUMBER OF LEAKS ON FEDERAL LAND REPAIRED OR SCHEDULED TO REPAIR: <u>0</u>			UNACCOUNTED FOR GAS AS A PERCENT OF TOTAL INPUT FOR THE 12 MONTHS ENDING JUNE 30 OF THE REPORTING YEAR.	
			INPUT FOR YEAR ENDING 6/30: <u>0.54%</u>	
PART H - ADDITIONAL INFORMATION				
PART I - PREPARER AND AUTHORIZED SIGNATURE				
Raymond Welte, Vice President, Operations (Preparer's Name and Title)			(215)684-6033 (Area Code and Telephone Number)	
Raymond.Welte@pgworks.com (Preparer's email address)			(215) 684-6388 (Area Code and Facsimile Number)	

NOTICE: This report is required by 49 CFR Part 191. Failure to report can result in a civil penalty not to exceed 100,000 for each violation for each day that such violation persists except that the maximum civil penalty shall not exceed \$1,000,000 as provided in 49 USC 60122.		OMB NO: 2137-0629 EXPIRATION DATE: 5/31/2018
 U.S. Department of Transportation Pipeline and Hazardous Materials Safety Administration	Initial Date Submitted:	02/29/2016
	Form Type:	INITIAL
	Date Submitted:	

**ANNUAL REPORT FOR
CALENDAR YEAR 2015
GAS DISTRIBUTION SYSTEM**

A federal agency may not conduct or sponsor, and a person is not required to respond to, nor shall a person be subject to a penalty for failure to comply with a collection of information subject to the requirements of the Paperwork Reduction Act unless that collection of information displays a current valid OMB Control Number. The OMB Control Number for this information collection is 2137-0629. Public reporting for this collection of information is estimated to be approximately 16 hours per response, including the time for reviewing instructions, gathering the data needed, and completing and reviewing the collection of information. All responses to this collection of information are mandatory. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden to: Information Collection Clearance Officer, PHMSA, Office of Pipeline Safety (PHP-30) 1200 New Jersey Avenue, SE, Washington, D.C. 20590.

Important: Please read the separate instructions for completing this form before you begin. They clarify the information requested and provide specific examples. If you do not have a copy of the instructions, you can obtain one from the PHMSA Pipeline Safety Community Web Page at <http://www.phmsa.dot.gov/pipeline/library/forms>.

PART A - OPERATOR INFORMATION	(DOT use only)	20165136-27541
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1. Name of Operator	PHILADELPHIA GAS WORKS
2. LOCATION OF OFFICE (WHERE ADDITIONAL INFORMATION MAY BE OBTAINED)	
2a. Street Address	800 W MONTGOMERY AVE
2b. City and County	PHILADELPHIA
2c. State	PA
2d. Zip Code	19122
3. OPERATOR'S 5 DIGIT IDENTIFICATION NUMBER	15469
4. HEADQUARTERS NAME & ADDRESS	
4a. Street Address	800 W. MONTGOMERY AVENUE
4b. City and County	PHILADELPHIA
4c. State	PA
4d. Zip Code	19122
5. STATE IN WHICH SYSTEM OPERATES	PA
6. THIS REPORT PERTAINS TO THE FOLLOWING COMMODITY GROUP (Select Commodity Group based on the predominant gas carried and complete the report for that Commodity Group. File a separate report for each Commodity Group included in this OPID.)	
Natural Gas	
7. THIS REPORT PERTAINS TO THE FOLLOWING TYPE OF OPERATOR (Select Type of Operator based on the structure of the company included in this OPID for which this report is being submitted.):	
Municipal Owned	

PART B - SYSTEM DESCRIPTION

1. GENERAL	STEEL				PLASTIC	CAST/ WROUGHT IRON	DUCTILE IRON	COPPER	OTHER	RECONDITION ED CAST IRON	SYSTEM TOTAL
	UNPROTECTED		CATHODICALLY PROTECTED								
	BARE	COATED	BARE	COATED							
MILES OF MAIN	0.00	487.89	0.00	502.65	467.08	1442.30	130.39	0.00	0.00	2.05	3032.36
NO. OF SERVICES	93694	21489	0	23059	336525	0	0	15	228	0	475010

2.MILES OF MAINS IN SYSTEM AT END OF YEAR											
MATERIAL	UNKNOWN	2" OR LESS	OVER 2" THRU 4"	OVER 4" THRU 8"	OVER 8" THRU 12"	OVER 12"	SYSTEM TOTALS				
STEEL	0.00	49.50	269.43	437.50	105.19	128.93	990.55				
DUCTILE IRON	0.00	0.00	54.13	71.34	4.92	0.00	130.39				
COPPER	0.00	0.00	0.00	0.00	0.00	0.00	0				
CAST/WROUGHT IRON	0.00	0.00	266.51	894.94	118.54	162.31	1442.3				
PLASTIC PVC	0.00	0.00	0.00	0.00	0.00	0.00	0				
PLASTIC PE	0.00	25.02	242.31	199.74	0.00	0.00	467.07				
PLASTIC ABS	0.00	0.00	0.00	0.00	0.00	0.00	0				
PLASTIC OTHER	0.00	0.00	0.00	0.00	0.00	0.00	0				
OTHER	0.00	0.00	0.00	0.00	0.00	0.00	0				
RECONDITIONED CAST IRON	0.00	0.00	0.05	0.27	0.30	1.43	2.05				
TOTAL	0	74.52	832.43	1603.79	228.95	292.67	3032.36				
Describe Other Material:											
3.NUMBER OF SERVICES IN SYSTEM AT END OF YEAR											
					AVERAGE SERVICE LENGTH: 32						
MATERIAL	UNKNOWN	1" OR LESS	OVER 1" THRU 2"	OVER 2" THRU 4"	OVER 4" THRU 8"	OVER 8"	SYSTEM TOTALS				
STEEL	2	212	134135	3095	774	24	138242				
DUCTILE IRON	0	0	0	0	0	0	0				
COPPER	0	14	1	0	0	0	15				
CAST/WROUGHT IRON	0	0	0	0	0	0	0				
PLASTIC PVC	0	0	0	0	0	0	0				
PLASTIC PE	1	310690	22998	2537	299	0	336525				
PLASTIC ABS	0	0	0	0	0	0	0				
PLASTIC OTHER	0	0	0	0	0	0	0				
OTHER	13	18	188	8	1	0	228				
RECONDITIONED CAST IRON	0	0	0	0	0	0	0				
TOTAL	16	310934	157322	5640	1074	24	475010				
Describe Other Material:		none									
4.MILES OF MAIN AND NUMBER OF SERVICES BY DECADE OF INSTALLATION											
	UNKNOWN	PRE-1940	1940-1949	1950-1959	1960-1969	1970-1979	1980-1989	1990-1999	2000-2009	2010-2019	TOTAL

MILES OF MAIN	0.00	1120.84	193.36	504.20	351.67	176.15	213.57	130.43	175.47	166.66	3032.35
NUMBER OF SERVICES	0	47868	18552	25084	23371	47954	81778	88610	100359	41434	475010

PART C - TOTAL LEAKS AND HAZARDOUS LEAKS ELIMINATED/REPAIRED DURING THE YEAR

CAUSE OF LEAK	MAINS		SERVICES	
	TOTAL	HAZARDOUS	TOTAL	HAZARDOUS
CORROSION FAILURE	171	35	2412	1239
NATURAL FORCE DAMAGE	2805	1099	20	8
EXCAVATION DAMAGE	47	9	90	3
OTHER OUTSIDE FORCE DAMAGE	4	2	17	6
PIPE, WELD OR JOINT FAILURE	0	0	6	2
EQUIPMENT FAILURE	45	23	697	260
INCORRECT OPERATIONS	1	0	0	0
OTHER CAUSE	4	1	25	13

NUMBER OF KNOWN SYSTEM LEAKS AT END OF YEAR SCHEDULED FOR REPAIR : 33

PART D - EXCAVATION DAMAGE **PART E-EXCESS FLOW VALUE(EFV) DATA**

1. TOTAL NUMBER OF EXCAVATION DAMAGES BY APPARENT ROOT CAUSE: <u>137</u>	NUMBER OF EFV'S INSTALLED THIS CALENDER YEAR ON SINGLE FAMILY RESIDENTIAL SERVICES: <u>18</u>
a. One-Call Notification Practices Not Sufficient: <u>12</u>	ESTIMATED NUMBER OF EFV'S IN THE SYSTEM AT THE END OF YEAR: <u>1140</u>
b. Locating Practices Not Sufficient: <u>4</u>	
c. Excavation Practices Not Sufficient: <u>22</u>	
d. Other: <u>99</u>	
2. NUMBER OF EXCAVATION TICKETS : <u>72582</u>	

PART F - LEAKS ON FEDERAL LAND **PART G-PERCENT OF UNACCOUNTED FOR GAS**

TOTAL NUMBER OF LEAKS ON FEDERAL LAND REPAIRED OR SCHEDULED TO REPAIR: <u>0</u>	UNACCOUNTED FOR GAS AS A PERCENT OF TOTAL INPUT FOR THE 12 MONTHS ENDING JUNE 30 OF THE REPORTING YEAR. INPUT FOR YEAR ENDING 6/30: <u>2.08%</u>
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PART H - ADDITIONAL INFORMATION

PART I - PREPARER

<p>Raymond Welte, operator (Preparer's Name and Title)</p>	<p>(215) 684-6033 (Area Code and Telephone Number)</p>
<p>Raymond.Welte@pgworks.com (Preparer's email address)</p>	<p>(215) 684-6388 (Area Code and Facsimile Number)</p>

**Response of Philadelphia Gas Works to the Data Request of the
 Pennsylvania Public Utility Commission
 Re: Long-Term Infrastructure Improvement Plan
 Docket Nos. P-2012-2337737 & P-2015-2501500**

2. Please provide an estimate of the number of bare steel services to be replaced in 2016 and 2017, as well as the total inventory of bare steel service lines as of year-end 2015.

Response:

Service Renewals	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015
Main Replacement	1,097	942	937	898	968	861
Miscellaneous	396	352	446	353	407	386
New Business	1,151	93	247	229	407	429
Service Restoration	185	1,086	891	902	592	341
Trouble	2,889	3,525	2,933	2,953	3,002	2,306
TOTALS	5,718	5,998	5,454	5,335	5,376	4,323

**Miles of 8" and Smaller (LP / IP)
 Cast Iron Abandoned** **18.01** **18.06** **18.21** **18.10** **22.68** **22.98**

Services per 500 LF **18** **17** **17** **17** **16** **17**

**% Renewals resulting from Main
 Replacement** **32.5%** **29.4%** **29.1%** **27.2%** **24.9%** **21.4%**

**Projected Number of Additional Renewals resulting
 from Accelerated Main Replacement** **281** **in FY 2016**

**Projected Number of Additional Renewals resulting
 from Accelerated Main Replacement** **328** **in FY 2017**

Number of bare steel services at the end of CY 2015 – 93,694

VERIFICATION

I, Raymond J. Welte, hereby state that: (1) I am the Vice President Field Operations for Philadelphia Gas Works; (2) the facts above set forth in the foregoing document are true and correct (or are true and correct to the best of my knowledge, information and belief); and (3) I expect to be able to prove the same at a hearing held in this matter. I understand that the statements herein are made subject to the penalties of 18 Pa.C.S. § 4904 (relating to unsworn falsification to authorities).



Raymond J. Welte
Vice President, Field Operations
Philadelphia Gas Works