



**PHILADELPHIA GAS WORKS**

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July 31, 2019

Rosemary Chiavetta, Secretary  
Pennsylvania Public Utility Commission  
Commonwealth Keystone Building  
2<sup>nd</sup> Floor, 1 North  
400 North Street  
Harrisburg, PA 17120

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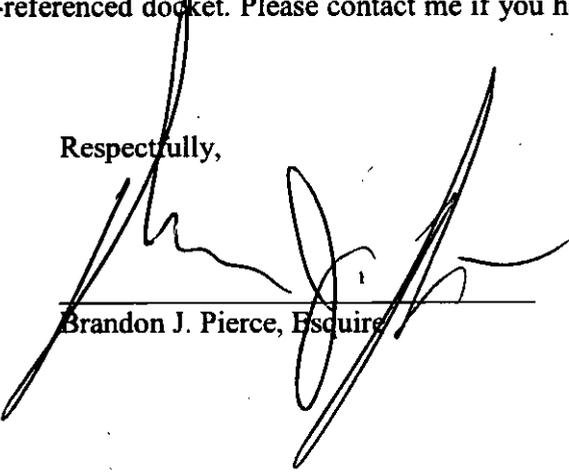
PA PUBLIC UTILITY COMMISSION  
SECRETARY'S BUREAU

**Re: Philadelphia Gas Works Quarterly Leak Report, Docket Number P-2012-2337737  
and Quarterly Report on Mains and Training, Docket No. P-2015-2501500**

Dear Secretary Chiavetta:

Pursuant to Ordering Paragraph 4 of the Order entered on April 4, 2013, in the above-reference docket, enclosed please find PGW's Quarterly Leak Report for the second quarter of the calendar year 2019. Also enclosed, please find PGW's Quarterly Report on Mains & Training for the same time period. This Report is being filed pursuant to the Commission's January 28, 2016 Order, at Ordering Paragraph 8.b, in the above-referenced docket. Please contact me if you have any questions.

Respectfully,

  
\_\_\_\_\_  
Brandon J. Pierce, Esquire

Enclosure

cc: Cert. of Service w/enc.  
Matthew Stewart ([mattstewar@pa.gov](mailto:mattstewar@pa.gov))

**Philadelphia Gas Works  
Quarterly Leak Report**

Quarter	Year	Month	Grade 1 Leaks (Work Immediate)					Grade 2 Leaks (Work Leaks)					Grade 3 Leaks (Leak Rerechecks)				
			Month End Balance	Initial Leaks	Average Age* of Initial Leaks Repaired	Follow Up Leaks	Average Age* of Follow Up Leaks Repaired	Month End Balance	Initial Leaks	Average Age* of Initial Leaks Repaired	Follow Up Leaks	Average Age* of Follow Up Leaks Repaired	Month End Balance	Initial Leaks	Average Age* of Initial Leaks Repaired	Follow Up Leaks	Average Age* of Follow Up Leaks Repaired
Q-2 2019	2019	April	0	150	0.67	17	19.2	35	49	0.79	53	207.19	2241	47	0.91	131	240.16
Q-2 2019	2019	May	0	127	0.6	17	346.65	36	33	0.41	42	20.8	2128	46	0.78	129	744.49
Q-2 2019	2019	June	0	81	1.01	25	365.4	31	39	0.56	51	71.71	2069	40	0.9	93	428.38

\* Average Age (days) is based on the number of leaks repaired in each category and is calculated from the time of identification to the time of first repair (temporary or permanent).

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**Summary of Cast Iron Main Performance**

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Diameter Group	Pressure	Leak Type	Q2 2016	Q2 2019	Variance
10" and Smaller	Low / Int	Hazardous	113	104	-8%
		Non-Hazardous	369	289	-22%
		<b>TOTAL</b>	<b>482</b>	<b>393</b>	<b>-18%</b>
12" and Larger	Low	Hazardous	30	31	3%
		Non-Hazardous	99	69	-30%
		<b>TOTAL</b>	<b>129</b>	<b>100</b>	<b>-22%</b>
12" and Larger	High	Hazardous	8	9	13%
		Non-Hazardous	35	13	-63%
		<b>TOTAL</b>	<b>43</b>	<b>22</b>	<b>-49%</b>

**10" and Smaller Cast Iron Main Leak Repairs – Low / Intermediate Pressure (4.5" WC – 5 psig)**

		2016	2017	2018	2019
Main Leaks (RLM)	Q1	477	467	569	498
	Q2	482	583	369	393
	Q3	446	500	303	
	Q4	421	483	347	
<b>Total</b>		<b>1,826</b>	<b>2,033</b>	<b>1,588</b>	<b>891</b>

		2016	2017	2018	2019
Hazardous	Q1	166	136	266	202
	Q2	113	108	81	104
	Q3	78	67	59	
	Q4	128	110	116	
Non-Hazardous	Q1	311	331	303	296
	Q2	369	476	288	269
	Q3	368	433	244	
	Q4	293	373	232	

## 12" and Larger Cast Iron Main Leak Repairs – Low Pressure (4.5" WC – 14" WC)

		2016	2017	2018	2019
<b>Main Leaks (RLM)</b>	Q1	113	121	70	87
	Q2	129	106	64	100
	Q3	126	102	70	
	Q4	132	89	62	
<b>Total</b>		<b>499</b>	<b>418</b>	<b>266</b>	<b>187</b>

		2016	2017	2018	2019
<b>Hazardous</b>	Q1	22	30	22	31
	Q2	30	20	15	31
	Q3	14	21	18	
	Q4	34	25	19	
<b>Non-Hazardous</b>	Q1	91	91	48	58
	Q2	99	86	49	69
	Q3	111	81	52	
	Q4	98	64	43	

**12" and Larger Cast Iron Main Leak Repairs – High Pressure (10 – 35 psig)**

		2016	2017	2018	2019
Main Leaks (RLM)	Q1	50	48	49	58
	Q2	43	30	27	22
	Q3	34	29	16	
	Q4	31	38	30	
<b>Total</b>		<b>168</b>	<b>146</b>	<b>122</b>	<b>80</b>

		2016	2017	2018	2019
Hazardous	Q1	18	12	15	22
	Q2	8	3	6	9
	Q3	9	4	1	
	Q4	3	6	10	
Non-Hazardous	Q1	32	36	34	38
	Q2	36	27	21	13
	Q3	25	25	15	
	Q4	28	32	20	

### Cast Iron Broken Mains

	2016	2017	2018	2019
Q1	108	95	258	177
Q2	25	45	42	28
Q3	22	23	33	
Q4	77	81	93	
Total	232	244	426	205

### Training Efforts

Since last quarterly update, PGW has successfully trained the following number of employees on a variety of skills and topics. The breakdown of the training classes held, the number of employees successfully completing the training and the total hours trained are shown below:

Class Name	Count of Students	SumOfHours
A/C Class	5	372
Asbestos Class Training	31	264
Cadet Class/OO/Field Trng.	7	1,344
Contractor Fusion Qualification	41	172
Cotractor Live Gas/Retraining	3	108
Distribution Refresher/Retraining	7	2
Distribution Worker	12	440
Foreman School	9	1,408
Fusion School	143	1,168
GTI Training	41	860
Helper Orfantation/Class/OO	8	256
Inspector Training/Retraining	5	312
METER & PIPING CLASS/FIELD TRNG.	6	336
Operator Qualification Class NGA Prog.	59	1,139
Operator Qualification Class NGA Prog.	122	3,564
PVNG/OMD/WLK SURVEY/Sf. to Hold	6	688
SAFE to HOLD CLASS/OO(2019)	13	208
Safety Committee Meeting	3	8
Smith Driver Training/Refresher	5	40
Train the Trainer	3	24
<b>Grand Total</b>	<b>529</b>	<b>12,713</b>

**CERTIFICATE OF SERVICE**

I hereby certify that this day I served a copy of PGW's Quarterly Leak Report and Report on Mains & Training 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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Dated: July 31, 2019

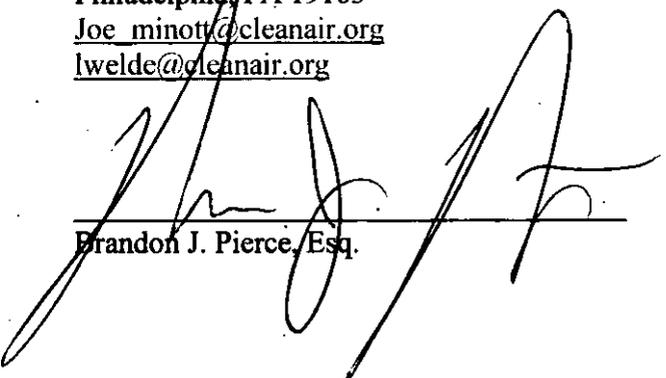
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Brandon J. Pierce, Esq.

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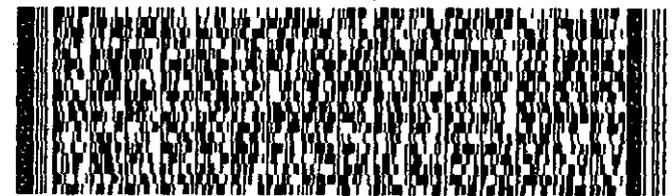
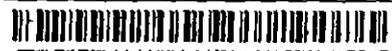
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