



PHILADELPHIA GAS WORKS

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January 31, 2019

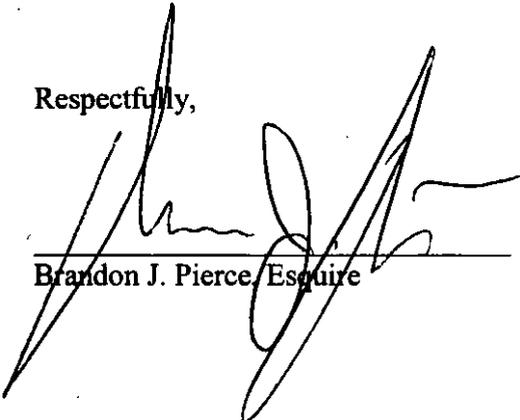
Rosemary Chiavetta, Secretary  
Pennsylvania Public Utility Commission  
Commonwealth Keystone Building  
2<sup>nd</sup> Floor, 1 North  
400 North Street  
Harrisburg, PA 17120

**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 fourth quarter of the calendar year 2018. 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))

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PA PUBLIC UTILITY COMMISSION  
SECRETARY'S BUREAU

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**Philadelphia Gas Works  
Quarterly Leak Report**

PA PUBLIC UTILITY COMMISSION  
SECRETARY'S BUREAU

Quarter	Year	Month	Class 1 Leaks (Work Immediate)			Class 2 Leaks (Work Leaks)			Class 3 Leaks (Leak Rechecks)		
			Month End Balance	Leaks Repaired	Average Age* of Leaks Repaired	Month End Balance	Leaks Repaired	Average Age* of Leaks Repaired	Month End Balance	Leaks Repaired	Average Age* of Leaks Repaired
Q-4 2018	2018	October	0	311	0.5	40	17	199.6	2262	14	312.24
Q-4 2018	2018	November	0	333	0.58	45	15	5.79	2252	4	167.81
Q-4 2018	2018	December	0	369	0.6	30	43	24.88	2266	22	360.97

\* 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).

**Summary of Cast Iron Main Performance**

Diameter Group	Pressure	Leak Type	Q4 2015	Q4 2018	Variance
10" and Smaller	Low / Int	Hazardous	107	115	7%
		Non-Hazardous	245	232	-5%
		<b>TOTAL</b>	<b>352</b>	<b>347</b>	<b>-1%</b>
12" and Larger	Low	Hazardous	33	19	-42%
		Non-Hazardous	49	43	-12%
		<b>TOTAL</b>	<b>82</b>	<b>62</b>	<b>-24%</b>
12" and Larger	High	Hazardous	6	10	67%
		Non-Hazardous	23	20	-13%
		<b>TOTAL</b>	<b>29</b>	<b>30</b>	<b>3%</b>

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

		2014	2015	2016	2017	2018
<b>Main Leaks (RLM)</b>	<b>Q1</b>	860	750	477	467	569
	<b>Q2</b>	401	460	482	583	369
	<b>Q3</b>	486	354	446	500	303
	<b>Q4</b>	430	352	421	483	347
<b>Total</b>	<b>2,177</b>	<b>1,916</b>	<b>1,826</b>	<b>2,033</b>	<b>1,588</b>	

		2014	2015	2016	2017	2018
<b>Hazardous</b>	<b>Q1</b>	538	411	166	136	266
	<b>Q2</b>	145	113	113	108	81
	<b>Q3</b>	141	105	78	67	59
	<b>Q4</b>	156	107	128	110	115
<b>Non-Hazardous</b>	<b>Q1</b>	322	339	311	331	303
	<b>Q2</b>	256	347	369	475	288
	<b>Q3</b>	345	249	368	433	244
	<b>Q4</b>	274	245	293	373	232

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

		2014	2015	2016	2017	2018
<b>Main Leaks (RLM)</b>	Q1	131	75	113	121	70
	Q2	115	111	129	106	64
	Q3	138	104	125	102	70
	Q4	63	82	132	89	62
<b>Total</b>		<b>447</b>	<b>372</b>	<b>499</b>	<b>418</b>	<b>266</b>

		2014	2015	2016	2017	2018
<b>Hazardous</b>	Q1	81	34	22	30	22
	Q2	36	16	30	20	15
	Q3	27	13	14	21	18
	Q4	6	33	34	25	19
<b>Non-Hazardous</b>	Q1	50	41	91	91	48
	Q2	79	95	99	86	49
	Q3	111	91	111	81	52
	Q4	57	49	98	64	43

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

		2014	2015	2016	2017	2018
<b>Main Leaks (RLM)</b>	Q1	119	81	50	48	49
	Q2	63	54	43	30	27
	Q3	24	35	34	29	16
	Q4	22	29	31	38	30
<b>Total</b>		<b>228</b>	<b>199</b>	<b>158</b>	<b>145</b>	<b>122</b>

		2014	2015	2016	2017	2018
<b>Hazardous</b>	Q1	63	29	18	12	15
	Q2	11	14	8	3	6
	Q3	6	6	9	4	1
	Q4	3	6	3	6	10
<b>Non-Hazardous</b>	Q1	56	52	32	36	34
	Q2	52	40	35	27	21
	Q3	18	29	25	25	15
	Q4	19	23	28	32	20

### Cast Iron Broken Mains

	2014	2015	2016	2017	2018
Q1	367	366	108	95	258
Q2	56	58	25	45	42
Q3	28	33	22	23	33
Q4	80	55	77	81	93
Total	531	512	232	244	426

## 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
Annual School	45	360
Compressor Operator School	15	1,912
Cotractor Live Gas	8	312
Damage Prevention Training	46	188
Distribution Worker	6	240
Field Refresher/Retaining	11	74
Foreman School	12	1,600
Fork Lift Operator Course	8	32
General Foreman Class/Testing	1	8
Helper Oriantation/Class/OO	9	224
House Heater Refresher Class	13	84
House Heater/AWH Class	11	680
Inspector Retraining	1	8
Operator Qualification Class NGA Prog.	10	71
Operator Qualification Class NGA Prog.	170	3,902
PVNG/OMD/WLK SURVEY/Sf. to Hold	6	200
SAFE to HOLD CLASS/OO	2	32
Smith Driver Training/Refresher	4	32
Street Leak (212) Refresher	206	212
Ventilation Crew Training	16	51
<b>Grand Total</b>	<b>600</b>	<b>10,222</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.

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Dated: January 31, 2019

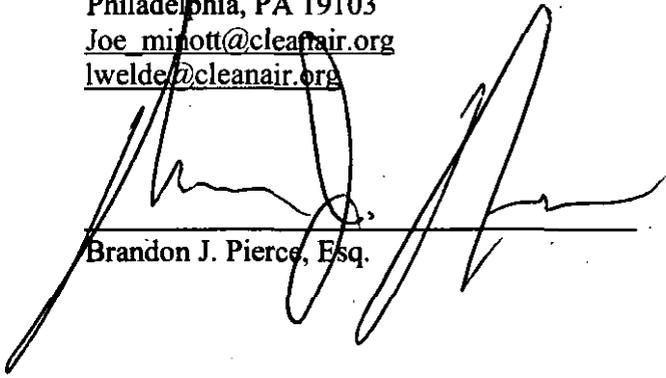
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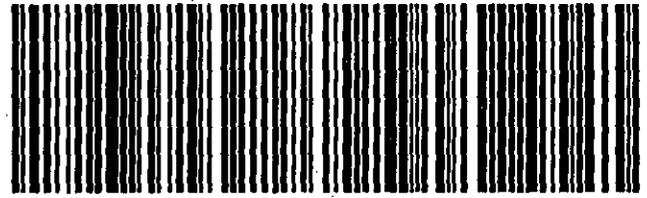
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