



PHILADELPHIA GAS WORKS

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April 30, 2018

Rosemary Chiavetta, Secretary
Pennsylvania Public Utility Commission
Commonwealth Keystone Building
2nd 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 first 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)

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Philadelphia Gas Works
Quarterly Leak Report

PA PUBLIC UTILITY COMMISSION
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Quarter	Year	Month	Class 1 Leaks (Work immediates)			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
Q1-2018	2018	January	0	937	0.83	84	35	12.2	2,339	13	62.6
Q1-2018	2018	February	0	341	0.65	74	49	19.2	2,390	7	44.5
Q1-2018	2018	March	0	272	0.51	38	50	32.1	2,455	6	603.5

*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	Q1 2015	Q1 2018	Variance
10" and Smaller	Low / Int	Hazardous	411	266	-36%
		Non-Hazardous	339	299	-12%
		TOTAL	750	565	-25%
12" and Larger	Low	Hazardous	34	22	-35%
		Non-Hazardous	41	48	17%
		TOTAL	75	70	-7%
12" and Larger	High	Hazardous	29	15	-48%
		Non-Hazardous	52	33	-37%
		TOTAL	81	48	-41%

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

		2014	2015	2016	2017	2018
Main Leaks (RLM)	Q1	860	760	477	467	565
	Q2	401	459	482	583	
	Q3	486	354	446	500	
	Q4	430	352	421	482	
Total		2,177	1,915	1,826	2,032	565

		2014	2015	2016	2017	2018
Hazardous	Q1	538	411	166	136	266
	Q2	145	113	113	108	
	Q3	141	105	78	67	
	Q4	166	107	128	110	
Non-Hazardous	Q1	322	339	311	331	299
	Q2	256	346	369	475	
	Q3	345	249	368	433	
	Q4	274	245	293	372	

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

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

		2014	2015	2016	2017	2018
Hazardous	Q1	81	34	22	30	22
	Q2	36	16	30	20	
	Q3	27	13	14	21	
	Q4	6	33	34	25	
Non-Hazardous	Q1	60	41	91	91	48
	Q2	79	95	99	86	
	Q3	111	91	111	81	
	Q4	57	49	98	64	

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

		2014	2015	2016	2017	2018
Main Leaks (RLM)	Q1	119	81	50	48	48
	Q2	63	64	43	30	
	Q3	24	35	34	29	
	Q4	22	29	31	38	
Total		228	199	168	145	48

		2014	2015	2016	2017	2018
Hazardous	Q1	63	29	18	12	16
	Q2	11	14	8	3	
	Q3	6	6	9	4	
	Q4	3	6	3	6	
Non-Hazardous	Q1	56	52	32	36	33
	Q2	52	40	35	27	
	Q3	18	29	25	25	
	Q4	19	23	28	32	

Cast Iron Broken Mains

	2014	2015	2016	2017	2018
Q1	367	366	108	95	257
Q2	56	58	25	45	
Q3	28	33	22	23	
Q4	80	55	77	80	
Total	531	612	232	243	257

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	#ofEmployees	Hours
Annual School	277	2,208
Class and / or Field Refresher	3	120
Compressor Operator School	8	1,024
Confined Space / CPR Training	37	148
Contractor Fusion OQ	4	48
Contractor Live Gas Training	2	16
Dept. Orientation	8	64
Distribution Worker Class	10	176
Encapsulation Class	18	144
House Heater Class	15	1,360
House Heater Repair Refresher	44	55
Meter & Piping Class / Field Training	12	680
Operator Qualification Class Program	54	1,622
Operator Qualification Program	15	149
Pipe Mechanic School	11	1,760
Safe to Hold Class & Field Training	2	32
Leak Survey Class & Field Training	12	1,956
Smith System Driver Training	1	8
Street Leak Refresher Bulletins 212 / 285	21	21
Ventilation Crew Training	12	24
Grand Total	566	11,615

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: April 30, 2018

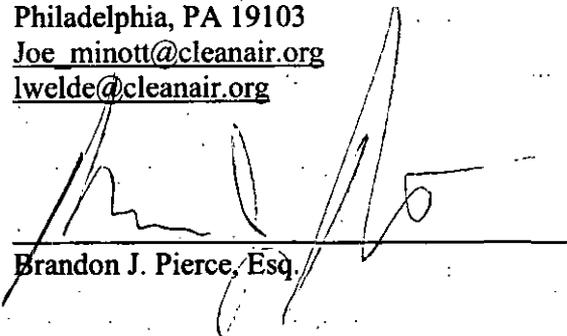
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