



PHILADELPHIA GAS WORKS

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April 30, 2019

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

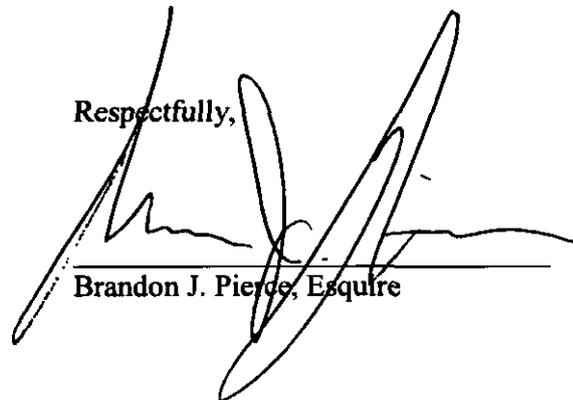
Pursuant to Ordering Paragraph 4 of the Order entered on April 4, 2013, in the above-reference docket, enclosed please find PGW's Quarterly Leak Report for the first quarter of the calendar year 2019. Also enclosed, please find PGW's Quarterly Report on Mains & Training for the same time period. This 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.

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Respectfully,



Brandon J. Pierce, Esquire

Enclosure

cc: Cert. of Service w/enc.
Matthew Stewart (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 Rerecks)				
			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-1 2019	2019	January	0	246	0.81	21	368.53	37	92	0.5	32	284.75	2306	64	0.67	133	577.16
Q-1 2019	2019	February	0	255	1.45	31	285.67	39	101	0.67	50	58.16	2334	55	0.78	116	314.46
Q-1 2019	2019	March	0	182	0.73	20	1.17	42	51	0.66	55	385.64	2319	56	1.44	113	153.29

* 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 2016	Q1 2019	Variance
10" and Smaller	Low / Int	Hazardous	166	202	22%
		Non-Hazardous	311	296	-5%
		TOTAL	477	498	4%
12" and Larger	Low	Hazardous	22	31	41%
		Non-Hazardous	91	56	-38%
		TOTAL	113	87	-23%
12" and Larger	High	Hazardous	18	22	22%
		Non-Hazardous	32	36	13%
		TOTAL	50	58	16%

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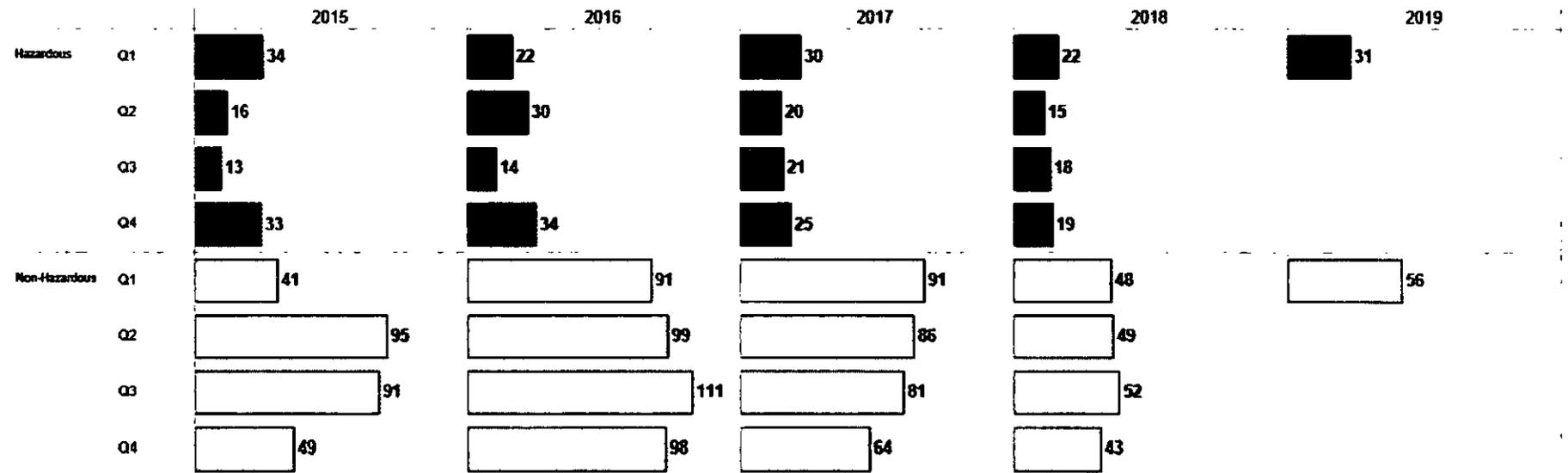
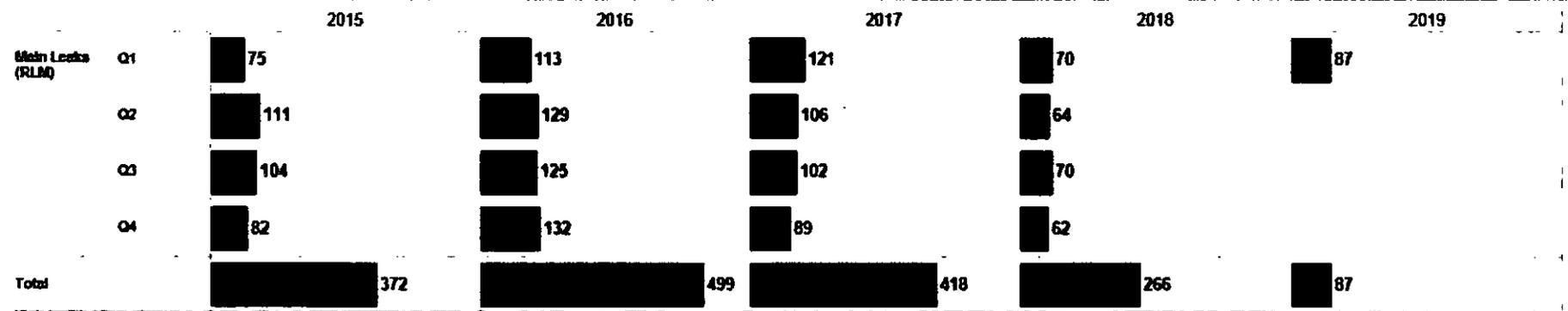
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10" and Smaller Cast Iron Main Leak Repairs – Low / Intermediate Pressure (4.5" WC – 5 psig)

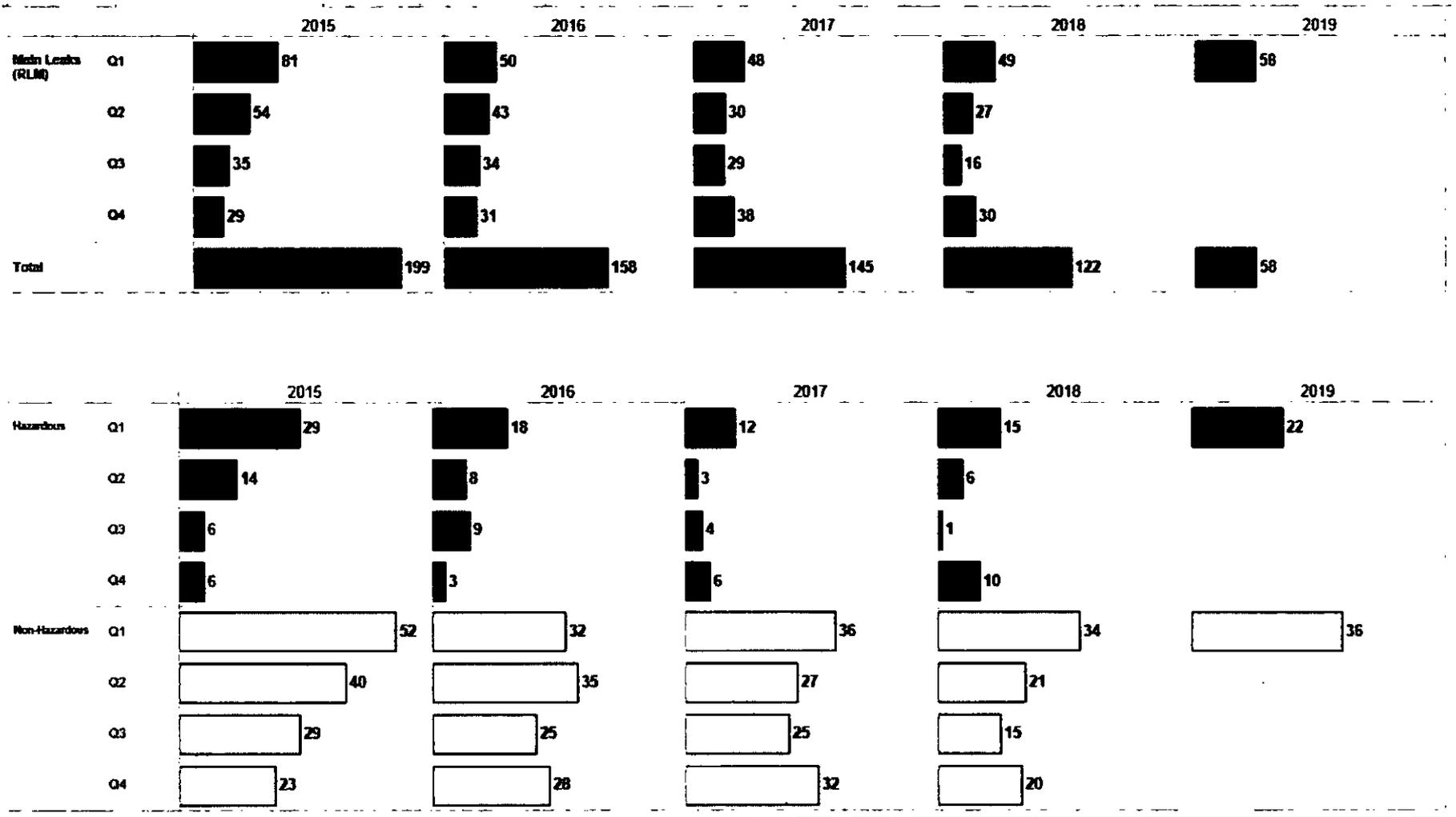
		2015	2016	2017	2018	2019
Main Leaks (RLAQ)	Q1	750	477	467	569	498
	Q2	460	482	583	369	
	Q3	354	446	500	303	
	Q4	352	421	483	347	
Total	1,916	1,826	2,033	1,588	498	

		2015	2016	2017	2018	2019
Hazardous	Q1	411	166	136	266	202
	Q2	113	113	108	81	
	Q3	105	78	67	59	
	Q4	107	128	110	115	
Non-Hazardous	Q1	339	311	331	303	296
	Q2	347	369	475	288	
	Q3	249	368	433	244	
	Q4	245	293	373	232	

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



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



Cast Iron Broken Mains

	2015	2016	2017	2018	2019
Q1	366	108	95	258	177
Q2	58	25	45	42	
Q3	33	22	23	33	
Q4	55	77	81	93	
Total	512	232	244	426	177

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	278	2,072
Cadet Class/OQ	10	2,008
Compressor Operator School--O/Q	23	2,848
Cotractor Live Gas/Retraining	1	3
Damage Prevention Training	2	8
Distribution Refresher/Retraining	2	16
Distribution Worker	7	280
Field Refresher/Retaining	5	60
Fusion School	4	22
Helper Orientation/Class/OQ	8	256
HH Module/T4 Roadshow	18	18
Operator Qualification Class NGA Prog.	22	297
Operator Qualification Class NGA Prog	120	2,526
Pipe Mechanic Class	10	1,248
PVNG/OMD/WLK SURVEY/Sf. to Hold	2	64
SAFE to HOLD CLASS/OQ	5	80
Safety Committee Meeting	13	26
Smith Driver Training/Refresher	3	24
Specialist Class/Field Trng.	4	280
Ventilation Crew Training	1	3
Grand Total	538	12,139

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, 2019

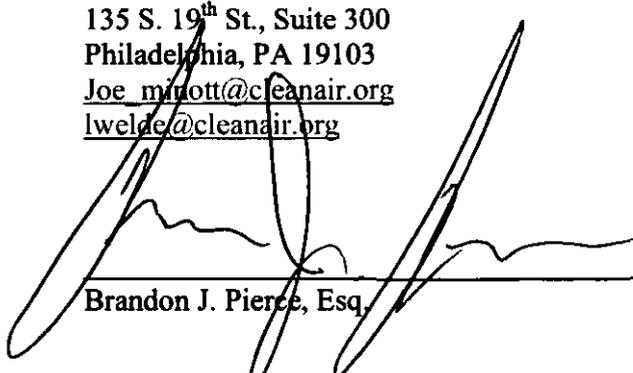
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