



PHILADELPHIA GAS WORKS

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January 31, 2020

VIA FEDEX DELIVERY

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 No. P-2012-2337737
and Quarterly Report on Mains and Training, Docket No. P-2015-2501500

Dear Secretary Chiavetta:

Enclosed please find PGW's Quarterly Leak Report for the fourth quarter of the calendar year 2019. This Report is being filed pursuant to Ordering Paragraph 4 of the Commission's Order entered on April 4, 2013, at Docket No. P-2012-2337737. Also enclosed, please find PGW's Quarterly Report on Mains and Training for the same time period. This Report is being filed pursuant to Ordering Paragraph 8.b of the Commission's Order entered on January 28, 2016, at Docket No. P-2015-2501500.

Sincerely,

Graciela Christlieb

Enclosure

cc: Certificate of Service w/encs.
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 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-4 2019	2019	October	0	131	0.77	22	70.95	38	44	0.43	40	90.67	2017	73	1	135	367
Q-4 2019	2019	November	0	209	0.61	7	1.43	74	59	0.55	30	38.38	2038	81	0.67	114	35.99
Q-4 2019	2019	December	0	236	0.64	15	2.86	100	74	0.51	46	91.09	2075	101	0.69	91	63.63

* 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

Diameter Group	Pressure	Leak Type	Q4 2016	Q4 2019	Variance
10" and Smaller	Low / Int	Hazardous	128	140	9%
		Non-Hazardous	293	252	-14%
		TOTAL	421	392	-7%
12" and Larger	Low	Hazardous	34	28	-18%
		Non-Hazardous	98	64	-35%
		TOTAL	132	92	-30%
12" and Larger	High	Hazardous	3	8	167%
		Non-Hazardous	28	18	-36%
		TOTAL	31	26	-16%

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

Main Leaks (RLM)	Q1	477	467	569	498
	Q2	482	583	369	393
	Q3	446	500	303	383
	Q4	421	483	348	392
	Total	1,826	2,033	1,589	1,666

		2016	2017	2018	2019
Hazardous	Q1	166	136	266	202
	Q2	113	108	81	104
	Q3	78	67	59	104
	Q4	128	110	115	140
	Total	485	421	621	550
Non-Hazardous	Q1	311	331	303	296
	Q2	369	475	288	289
	Q3	368	433	244	279
	Q4	293	373	233	262
	Total	1,341	1,612	1,068	1,116

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

		2016	2017	2018	2019
Main Leaks (RLM)	Q1	113	121	70	87
	Q2	129	106	65	100
	Q3	125	102	70	90
	Q4	132	89	62	92
Total		499	418	267	369

		2016	2017	2018	2019
Hazardous	Q1	22	30	22	31
	Q2	30	20	16	31
	Q3	14	21	18	30
	Q4	34	25	19	28
	Total	100	96	75	120

Non-Hazardous	Q1	91	91	48	56
	Q2	99	86	49	69
	Q3	111	81	52	60
	Q4	98	64	43	64
	Total	399	322	192	249

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	29
	Q4	31	38	30	26
Total		158	145	122	135

		2016	2017	2018	2019
Hazardous	Q1	18	12	15	22
	Q2	8	3	6	9
	Q3	9	4	1	8
	Q4	3	6	10	8
	Total	38	25	32	47
Non-Hazardous	Q1	32	36	34	36
	Q2	35	27	21	13
	Q3	25	25	16	21
	Q4	28	32	20	18
	Total	120	120	90	88

Cast Iron Broken Mains

	2016	2017	2018	2019
Q1	108	95	258	177
Q2	25	45	42	28
Q3	22	23	33	34
Q4	77	81	94	80
Total	232	244	427	319

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:

Year of Date	Class Name	Count of Students	SumOfHours
2019	Cadet Class, OQ & Field Training	11	2,120
	Compressor Operator/OQ	12	1,648
	Contractor Live Gas	12	480
	Distribution Worker/OQ	16	464
	Field Refresher/Retraining/OQ	6	164
	FSD/Distribution Dispatching	9	45
	Fusion School	12	96
	Helper Class/OQ/Driver Training	12	288
	House Heater Refresher Class	28	216
	House Heater/AWH Class	14	1,464
	Leak Refresher 212/285	125	256
	Operator Qualification Class NGA Prog.	105	2,255
	Pipe Mechanic Class	26	3,576
	Safe to Hold Class/OQ test	7	126
	Safety Committee Meeting	11	22
	Ventilation Crew Training	10	64
Welder Training	10	312	
Grand Total		426	13,596



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CERTIFICATE OF SERVICE

I hereby certify that this day I served a copy of PGW's Quarterly Leak Report and Quarterly Report on Mains and Training upon the persons listed below in the manner indicated in accordance with the requirements of 52 Pa. Code Section 1.54.

Via First Class Mail

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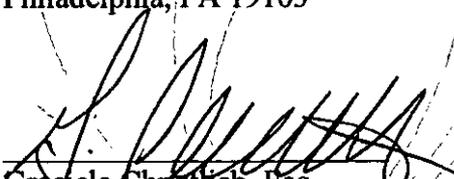
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Dated: January 31, 2020


Graziela Christlieb, Esq.

