



PHILADELPHIA GAS WORKS

800 West Montgomery Avenue • Philadelphia, PA 19122

Brandon J. Pierce, Esq.
Senior Attorney | Legal Department
Direct Dial: 215-684-6219
E-mail: Brandon.Pierce@pgworks.com

October 31, 2018

RECEIVED

OCT 31 2018

PA PUBLIC UTILITY COMMISSION
SECRETARY'S BUREAU

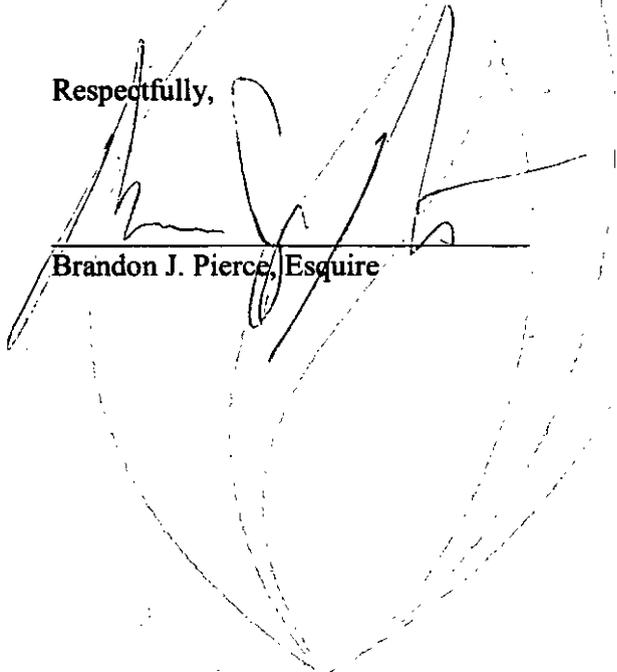
Rosemary Chiavetta, Secretary
Pennsylvania Public Utility Commission
Commonwealth Keystone Building
2nd Floor, 1 North
400 North Street
Harrisburg, PA 17120

**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 third 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)

RECEIVED

OCT 31 2018

PA PUBLIC UTILITY COMMISSION
SECRETARY'S BUREAU

Philadelphia Gas Works
Quarterly Leak Report

Quarter	Year	Month	Class 1 Leaks (Work Immediates)			Class 2 Leaks (Work Leaks)			Class 3 Leaks (Leak Rerechecks)		
			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
Q3-2018	2018	July	0	179	0.58	26	18	197.4	2,358	64	652.9
Q3-2018	2018	August	0	164	0.43	27	27	121.3	2,261	36	316.6
Q3-2018	2018	September	0	177	0.48	37	15	14.4	2,231	22	386.0

*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	Q3 2015	Q3 2018	Variance
10" and Smaller	Low / Int	Hazardous	105	59	-43%
		Non-Hazardous	249	244	-2%
		TOTAL	354	303	-14%
12" and Larger	Low	Hazardous	13	18	38%
		Non-Hazardous	91	52	-43%
		TOTAL	104	70	-49%
12" and Larger	High	Hazardous	6	1	-83%
		Non-Hazardous	29	15	-48%
		TOTAL	35	16	-54%

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	750	477	467	569
	Q2	401	460	482	583	369
	Q3	486	354	446	500	303
	Q4	430	352	421	483	
Total		2,177	1,916	1,826	2,033	1,241

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

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	76	113	121	70
	Q2	115	111	129	106	64
	Q3	138	104	125	102	70
	Q4	63	82	132	89	
Total		447	372	499	418	204

		2014	2015	2016	2017	2018
Hazardous	Q1	81	34	22	30	22
	Q2	36	16	30	20	15
	Q3	27	13	14	21	18
	Q4	6	33	34	25	
Non-Hazardous	Q1	50	41	91	91	48
	Q2	79	95	99	86	49
	Q3	111	91	111	81	52
	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	49
	Q2	63	54	43	30	27
	Q3	24	35	34	29	16
	Q4	22	29	31	38	
Total		228	199	158	145	92

		2014	2015	2016	2017	2018
Hazardous	Q1	63	29	18	12	16
	Q2	11	14	8	3	6
	Q3	6	6	9	4	1
	Q4	3	6	3	6	
Non-Hazardous	Q1	56	52	32	36	34
	Q2	52	40	35	27	21
	Q3	18	29	25	25	15
	Q4	19	23	28	32	

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	
Total	██████████ 531	██████████ 612	██████████ 232	██████████ 244	██████████ 333

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	Hours
Annual School	334	2,680
Cadet Class	11	1,944
Field Refresher Class	2	66
Compressor Operator School	1	168
Contractor Annual School	18	144
Contractor Live Gas/Retraining/Safety & PPE	13	364
Dept. Orientation/Helper OQ	19	176
Distribution Worker Class	20	640
Fusion Class	18	96
General Foreman	1	8
Helper Orientation/Class/OQ	5	160
House Heater Refresher Class	10	80
Meter & Piping Class / Field Training	16	808
Miscellaneous Supr. Development Training	1	4
NEAR Technical Information Class	22	50
Operator Qualification Class	210	5044
Pipe Mechanic Class	18	1,368
Paving/OMD/Walking Survey Class	6	544
Smith Driver/PMVA Refresher Training	33	352
Grand Total	758	14,696

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

Darryl Lawrence, Esq.
Erin Gannon, Esq.
Office of Consumer Advocate
5th Floor, Forum Place Bldg.
555 Walnut Street
Harrisburg, PA 17101-1921
dlawrence@paoca.org
egannon@paoca.org

Sharon Webb, Esq.
Office of Small Business Advocate
Commerce Building, Suite 202
300 North Second St.
Harrisburg, PA 17101
swebb@pa.gov

Gina L. Miller, Esq.
Carrie Wright, Esq.
Bureau of Investigation & Enforcement
PA Public Utility Commission
Commonwealth Keystone Bldg.
400 North Street, 2nd Floor
Harrisburg, PA 17120
ginmiller@pa.gov
carwright@pa.gov

Charis Mincavage, Esq.
Adeolu Bakare, Esq.
McNees Wallace & Nurick
100 Pine Street
Harrisburg, PA 17101
cmincavage@mwn.com
abakare@mwn.com

Dated: October 31, 2018

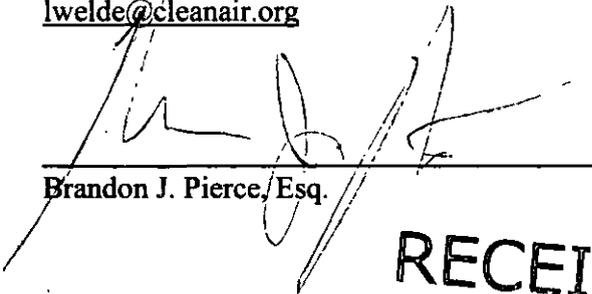
Kelly Monaghan
Director – Bureau of Audits
PA Public Utility Commission
P.O. Box 3265
Harrisburg, PA 17105-3265
kmonaghan@pa.gov

John Finnigan, Esquire
Environmental Defense Fund
128 Winding Brook Lane
Terrace Park, OH 45174
jfinnigan@edf.org

Michael Panfil, Esquire
Environmental Defense Fund
1875 Connecticut Ave., N.W.
Washington, D.C. 20009
mpanfil@edf.org

Heather Langeland, Esquire
Environmental Defense Fund
200 First Ave., Suite 200
Pittsburgh, PA 15222
langeland@pennfuture.org

Joseph Otis Minott, Esq. (email only)
Ernest Logan Welde, Esq. (email only)
Clean Air Council
135 S. 19th St., Suite 300
Philadelphia, PA 19103
Joe_minott@cleanair.org
lwelde@cleanair.org



Brandon J. Pierce, Esq.

RECEIVED

OCT 31 2018

PA PUBLIC UTILITY COMMISSION
SECRETARY'S BUREAU

