



**PHILADELPHIA GAS WORKS**

800 West Montgomery Avenue • Philadelphia, PA 19122

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July 31, 2020

**VIA ELECTRONIC FILING**

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 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 second quarter of the calendar year 2020. 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)



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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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135 S. 19<sup>th</sup> Street, Suite 300  
Philadelphia, PA 19103

Dated: July 31, 2020

*Graciela Christlieb*

Graciela Christlieb, Esq.

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## Quarterly Leak Report

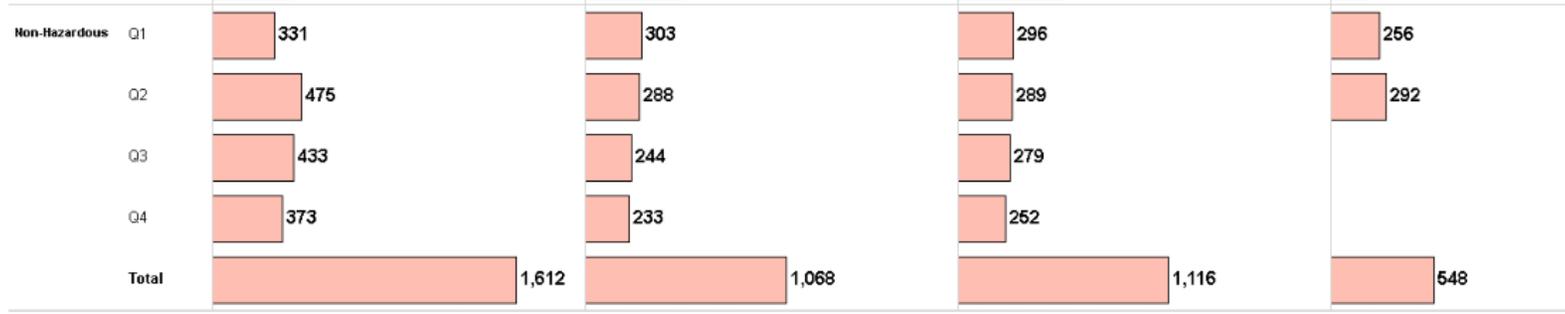
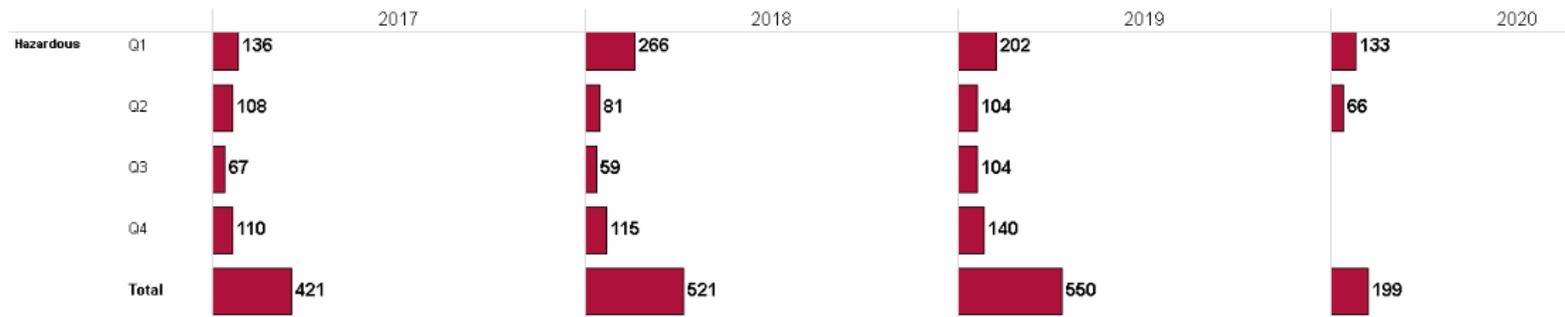
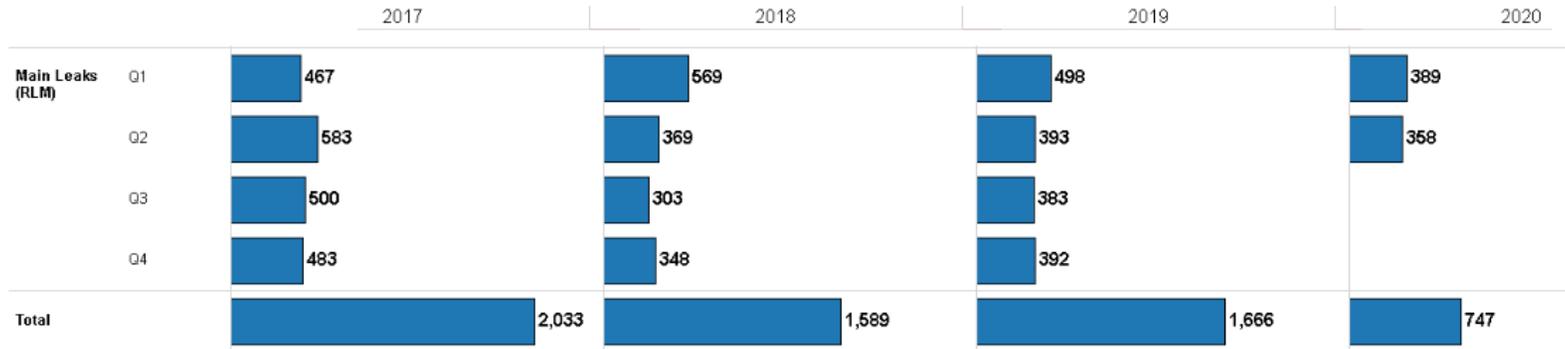
			Grade 1 Leaks (Work Immediate)					Grade 2 Leaks (Work Leaks)					Grade 3 Leaks (Leak Rerechecks)				
Quarter	Year	Month	Month End Balance	Initial Leaks	Average Age* of Initial Leaks Repaired	Follow Up Leaks	Average Age* of Follow Up Leaks Repaired	Month End Balance	Initial Leaks	Average Age* of Initial 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-2 2020	2020	April	0	67	0.90	9	564.24	46	26	1.04	36	35.11	2067	20	0.85	140	730.9
Q-2 2020	2020	May	0	65	0.70	8	233.7	40	32	0.49	36	96.26	2044	33	0.63	138	504.5
Q-2 2020	2020	June	0	119	0.90	14	247.4	32	46	0.64	43	67.02	2005	50	4.25	127	380.5

\* 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).

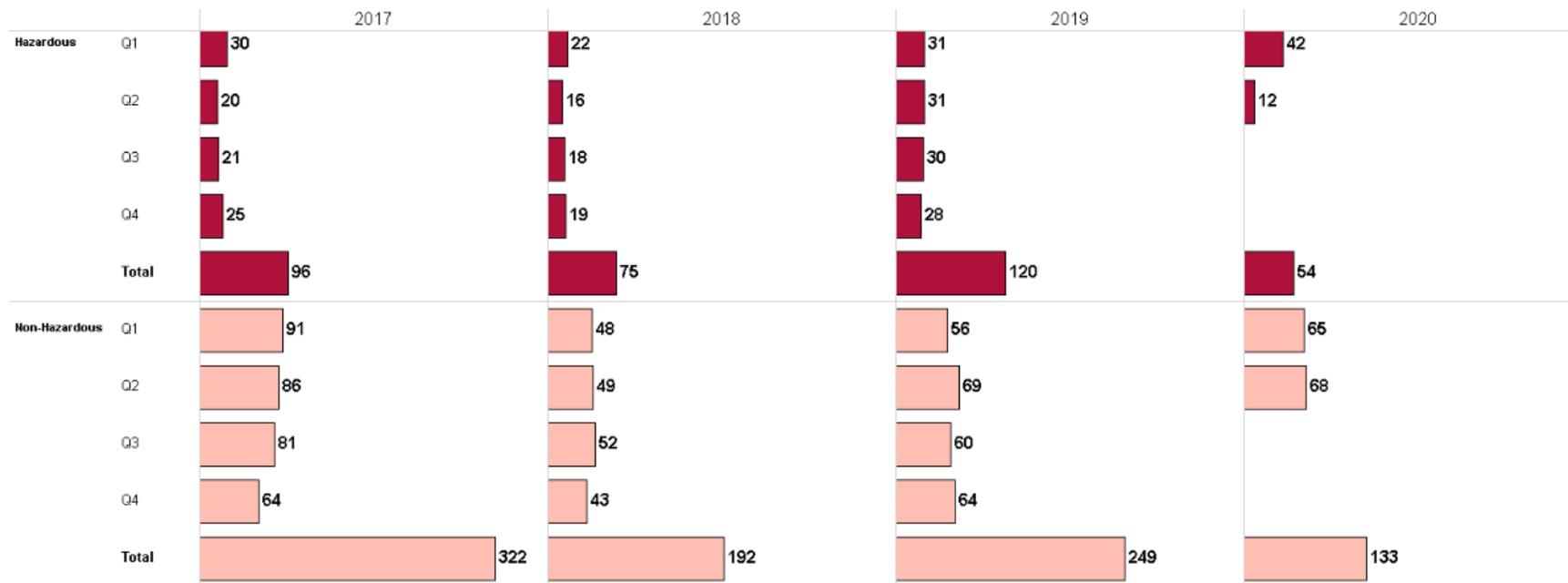
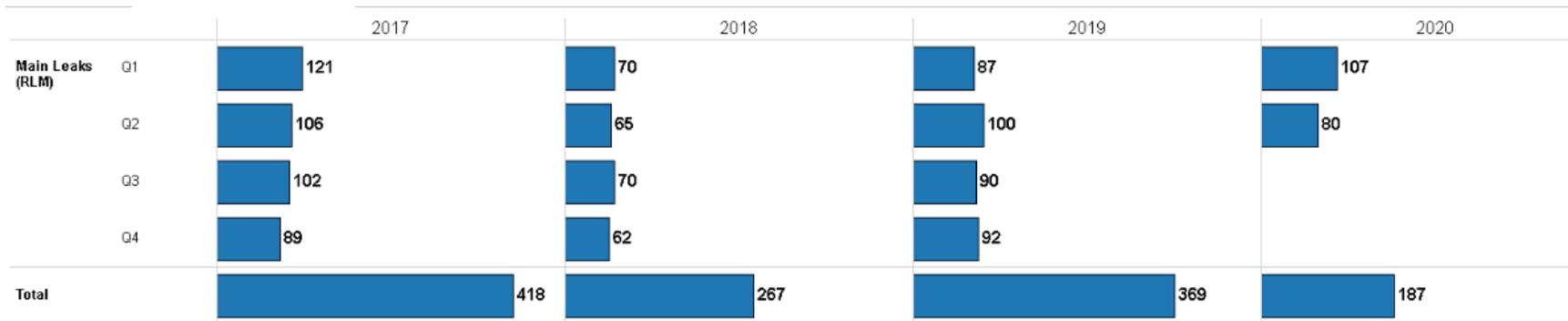
### Summary of Cast Iron Main Performance

Diameter Group	Pressure	Leak Type	Q2 2017	Q2 2020	Variance
10" and Smaller	Low / Int	Hazardous	108	66	-39%
		Non-Hazardous	475	292	-39%
		<b>TOTAL</b>	<b>583</b>	<b>358</b>	<b>-39%</b>
12" and Larger	Low	Hazardous	20	12	-40%
		Non-Hazardous	86	68	-21%
		<b>TOTAL</b>	<b>106</b>	<b>80</b>	<b>-25%</b>
12" and Larger	High	Hazardous	3	7	133%
		Non-Hazardous	27	12	-56%
		<b>TOTAL</b>	<b>30</b>	<b>19</b>	<b>-37%</b>

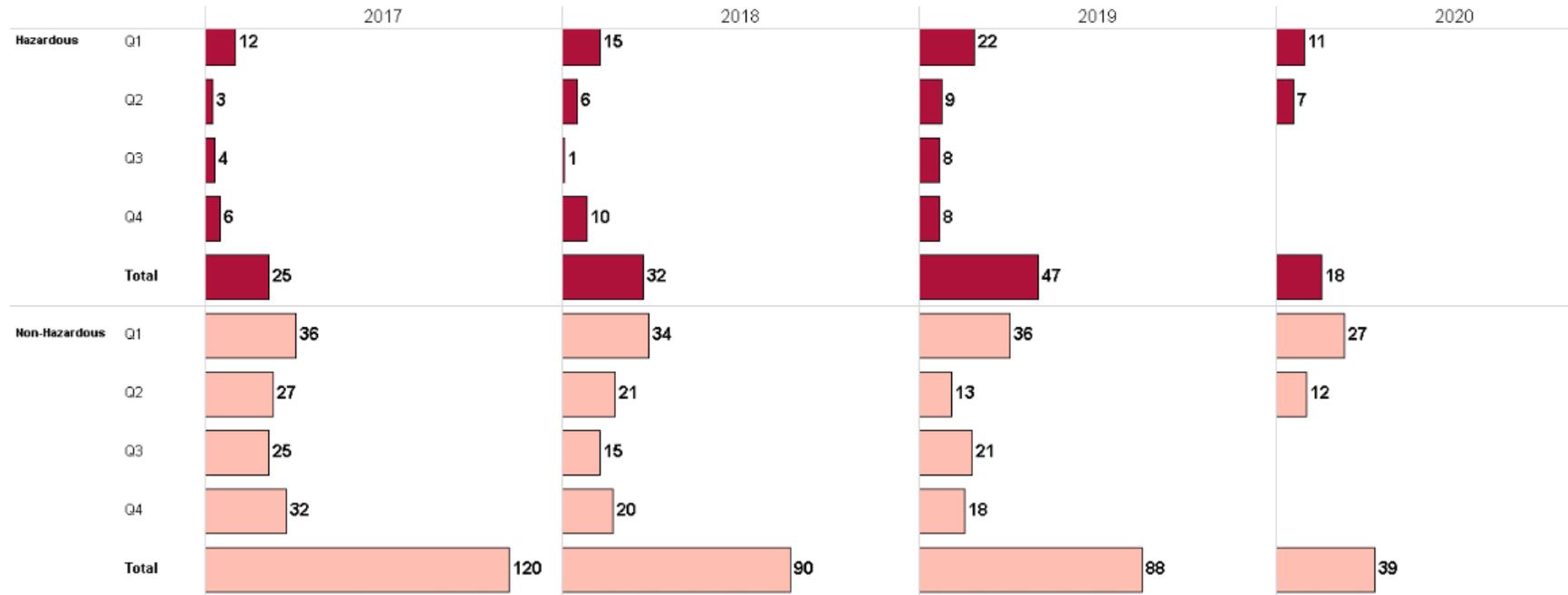
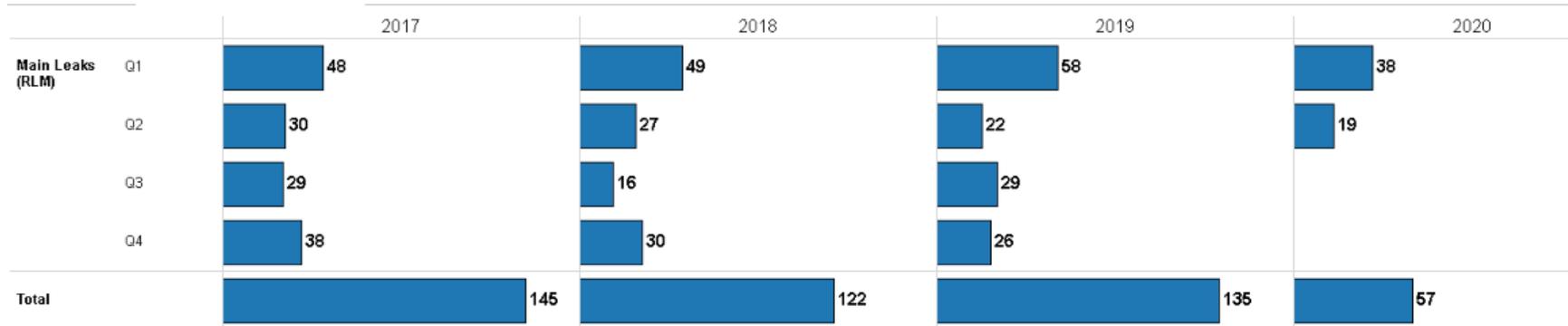
## 10” and Smaller Cast Iron Main Leak Repairs – Low / Intermediate Pressure (4.5” WC – 5 psig)



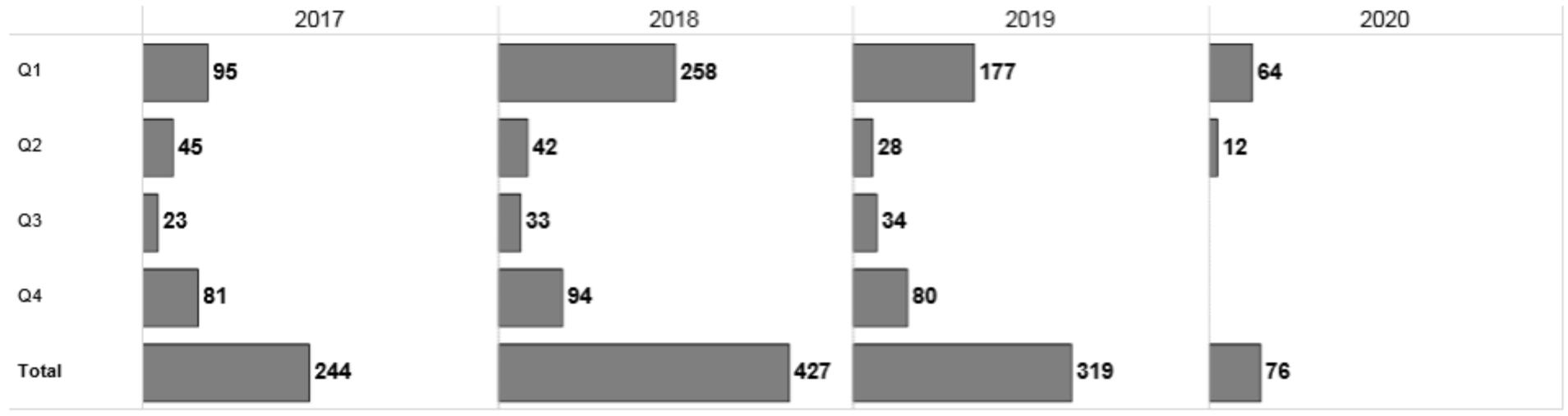
## 12" and Larger Cast Iron Main Leak Repairs – Low Pressure (4.5" WC – 14" WC)



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



### Cast Iron Broken Mains



### 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:

2020 Class Name	Sum of Hours	Number of Employees
Distribution Fusion	216	27
FSD Annual School	1648	202
FSD Operators Qualification	1010	90
Operators Qualification	1280	32
Smith Driver School	24	3
<b>Grand Total</b>	<b>4178</b>	<b>354</b>