



**PHILADELPHIA GAS WORKS**

800 West Montgomery Avenue • Philadelphia, PA 19122

Craig Berry, Senior Attorney  
Legal Department  
Direct Dial: 215-684-6049  
FAX: 215-684-6798  
E-mail: [craig.berry@pgworks.com](mailto:craig.berry@pgworks.com)

January 21, 2022

**Via E-Filing Only**

Rosemary Chiavetta, Secretary  
Pennsylvania Public Utility Commission  
400 North Street  
Harrisburg, PA 17120

**Re: Philadelphia Gas Works (“PGW”) 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 Philadelphia Gas Works’ (“PGW”) Quarterly Leak Report for the fourth quarter of the calendar year 2021. 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.

Respectfully,

/s/ Craig W. Berry  
Craig W. Berry, Esquire

Enclosure

cc: Certificate of Service w/encs.  
Matthew Stewart ([mattstewar@pa.gov](mailto:mattstewar@pa.gov))

## 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 Email

Daryl Lawrence, Esq.  
Eric Gannon, Esq.  
Office of Consumer Advocate  
5th Floor, Forum Place Bldg.  
555 Walnut Street  
Harrisburg, PA 17101-1921  
[dlawrence@paoca.org](mailto:dlawrence@paoca.org)  
[egannon@paoca.org](mailto:egannon@paoca.org)

Sharon Webb, Esq.  
Office of Small Business Advocate  
Forum Place Building  
555 Walnut St., 1st Fl.  
Harrisburg, PA 17101  
[swebb@pa.gov](mailto:swebb@pa.gov)

Gina Miller, Esq.  
Carrie Wright, Esq.  
Bureau of Investigation & Enforcement  
PA Public Utility Commission  
P.O. Box 3265  
Harrisburg, PA 17105-3265  
[ginmiller@pa.gov](mailto:ginmiller@pa.gov)  
[carwright@pa.gov](mailto:carwright@pa.gov)

Charis Mincavage, Esq.  
Adeolu Bakare, Esq.  
McNees Wallace & Nurick  
100 Pine Street  
Harrisburg, PA 17101  
[cmincavage@mcneeslaw.com](mailto:cmincavage@mcneeslaw.com)  
[abakare@mcneeslaw.com](mailto:abakare@mcneeslaw.com)

Kelly Monaghan  
Director, Bureau of Audits  
PA Public Utility Commission  
Commonwealth Keystone Bldg.  
400 North Street, 2<sup>nd</sup> Floor  
Harrisburg, PA 17120  
[kmonaghan@pa.gov](mailto:kmonaghan@pa.gov)

John Finnigan, Esq.  
Environmental Defense Fund  
128 Winding Brook Lane  
Terrace Park, OH 45174  
[jfinnigan@edf.org](mailto:jfinnigan@edf.org)

Michael Panfil, Esq.  
Environmental Defense Fund  
1875 Connecticut Ave., N.W.  
Washington, D.C. 20009  
[mpanfil@edf.org](mailto:mpanfil@edf.org)

Heather Langeland, Esq.  
Environmental Defense Fund  
200 First Ave., Suite 200  
Pittsburgh, PA 15222  
[langeland@pennfuture.org](mailto:langeland@pennfuture.org)

Joesph Otis Minott, Esq.  
Ernest Logan Welde, Esq.  
Clean Air Council  
135 S. 19<sup>th</sup> St., Suite 300  
Philadelphia, PA 19103  
[Joe\\_minott@cleanair.org](mailto:Joe_minott@cleanair.org)  
[lwelde@cleanair.org](mailto:lwelde@cleanair.org)

Dated: January 21, 2022

/s/ Craig W. Berry  
Craig W. Berry, Esq.

**Quarterly Leak Report**

Quarter	Year	Month	Work Immediate					Work Leak					Leak Recheck				
			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 2021	2021	October	0	96	0.77	14	4.49	63	39	0.61	32	24.23	1655	29	0.48	116	349.43
Q-4 2021	2021	November	0	183	0.87	18	2.74	80	51	0.67	30	4.90	1681	60	1.38	120	596.17
Q-4 2021	2021	December	0	176	0.96	13	9.59	75	59	0.48	74	12.94	1707	65	0.79	114	448.06

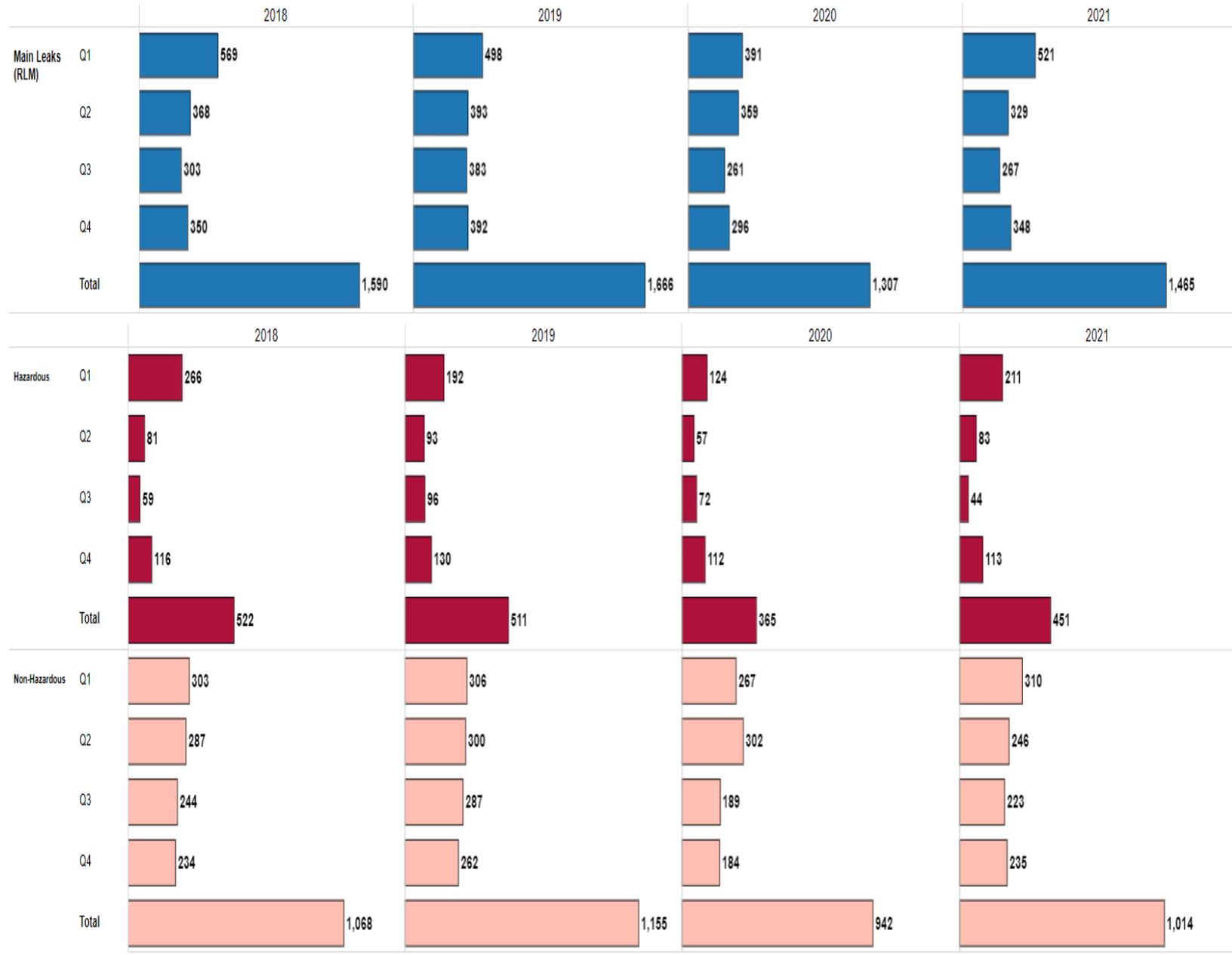
\* Average Age (days) is based on the number of leaks repaired in each category and is calculated from the time of identification to the time of first repair (temporary or permanent).

**Summary of Cast Iron Main Performance**

Diameter Group	Pressure	Leak Type	Q4 2018	Q4 2021	Variance
10" and Smaller	Low / Int	Hazardous	116	113	-3%
		Non-Hazardous	234	235	0%
		<b>TOTAL</b>	<b>350</b>	<b>348</b>	<b>-1%</b>
12" and Larger	Low	Hazardous	19	20	5%
		Non-Hazardous	43	46	7%
		<b>TOTAL</b>	<b>62</b>	<b>66</b>	<b>6%</b>
12" and Larger	High	Hazardous	10	4	-60%
		Non-Hazardous	20	17	-15%
		<b>TOTAL</b>	<b>30</b>	<b>21</b>	<b>-30%</b>

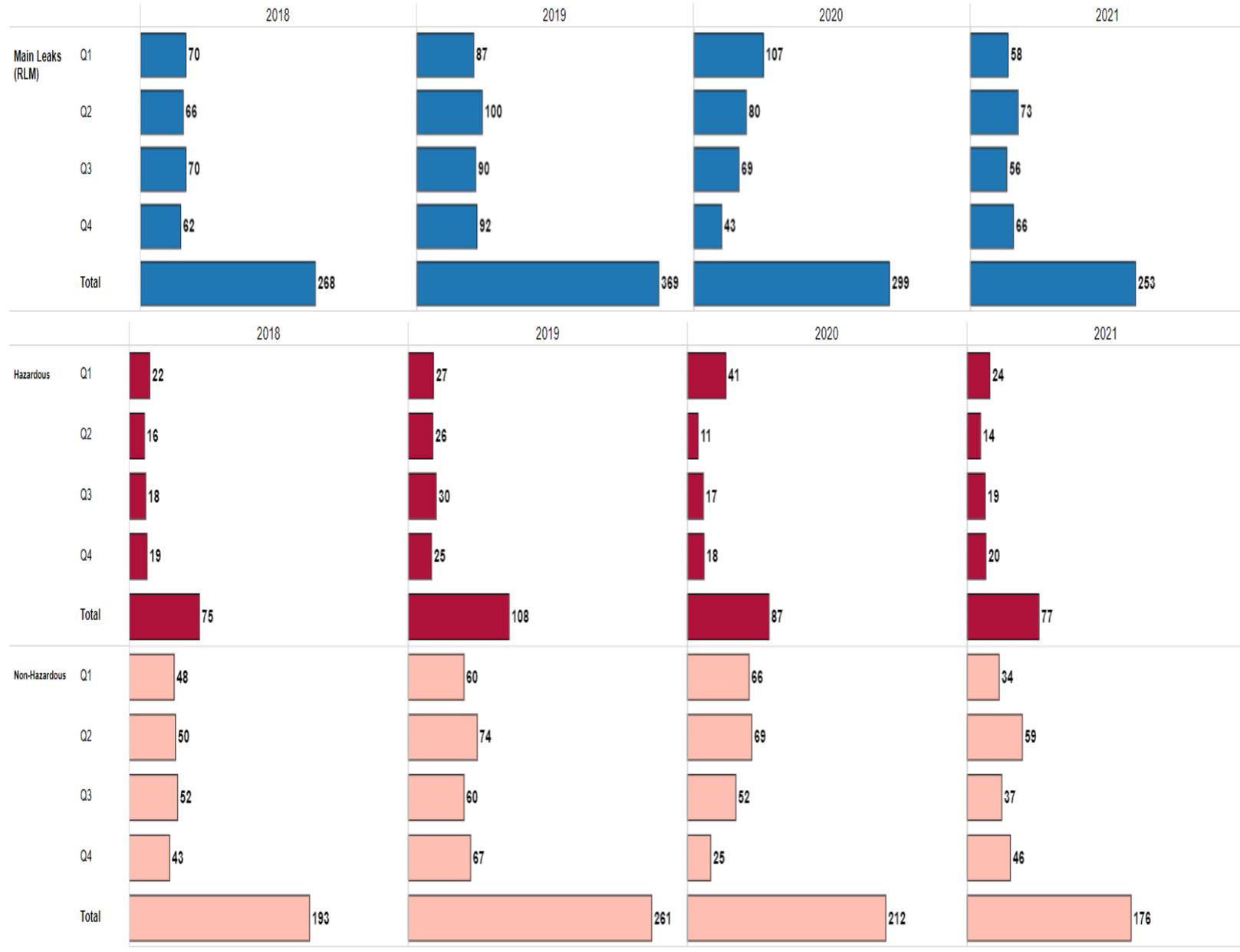
## 10" and Smaller Cast Iron Main Leak Repairs – Low / Intermediate Pressure (4.5" WC – 5 psig)

### Main Leak Repairs



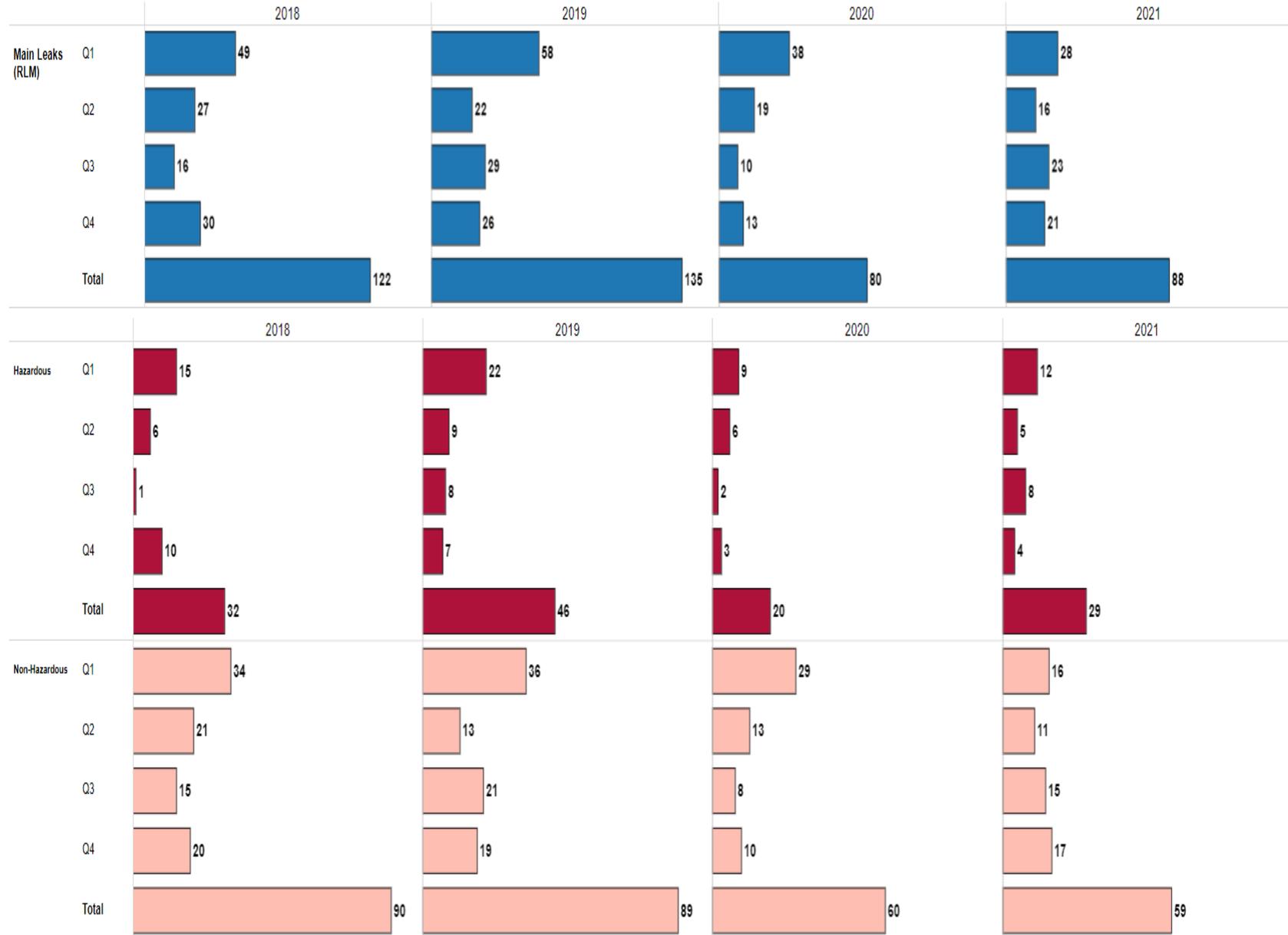
## 12” and Larger Cast Iron Main Leak Repairs – Low Pressure (4.5” WC – 14” WC)

### Main Leak Repairs



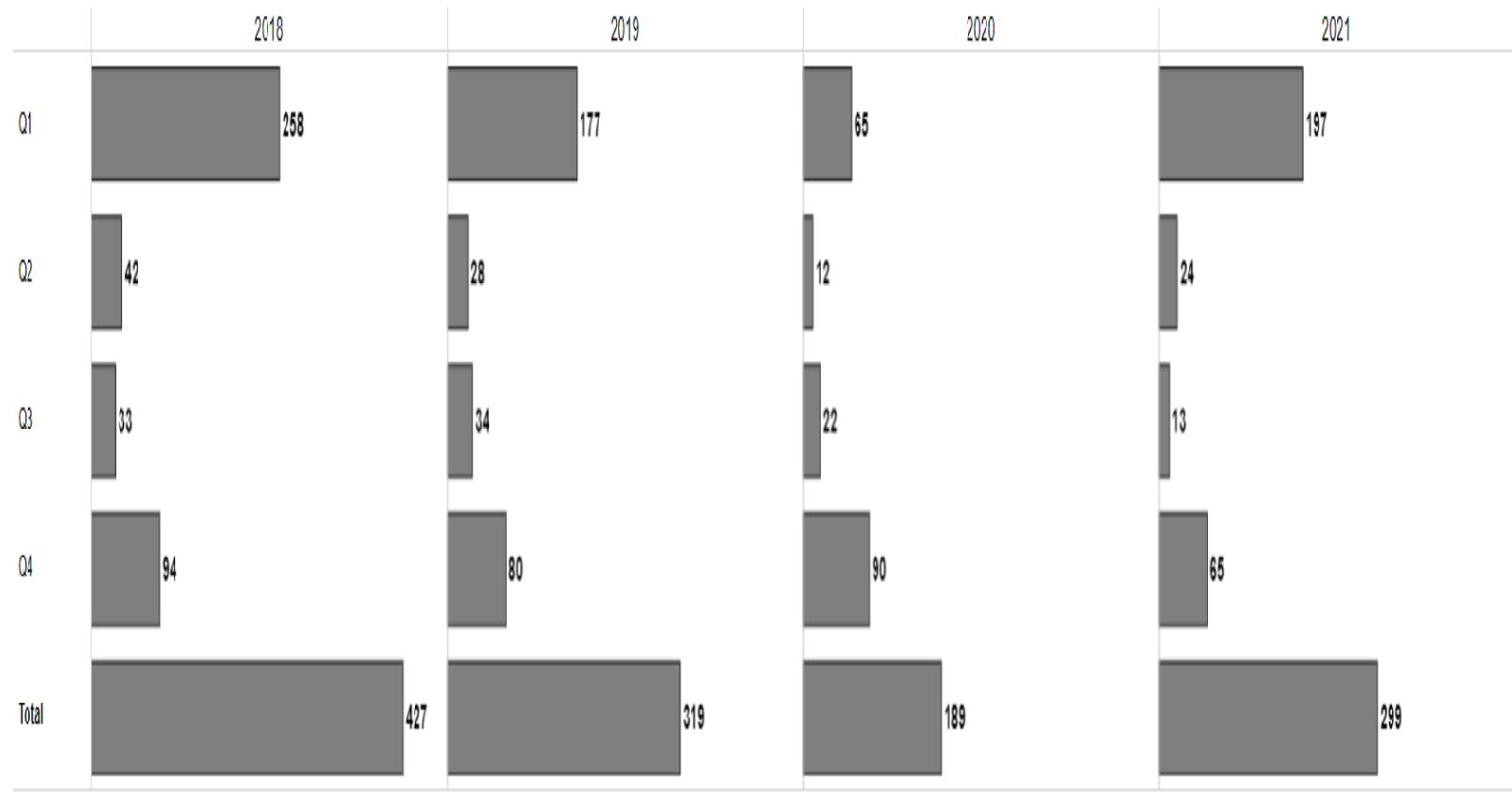
## 12” and Larger Cast Iron Main Leak Repairs – High Pressure (10 – 35 psig)

### Main Leak Repairs



## Cast Iron Broken Mains

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:

2021 Class Name	Class Hours	Number of Employees	Total Hours
2021 Mandatory Ethics Training	3	1	3
5 Dysfunctions of a Team	2	3	6
Annual School - Distribution	8	54	432
Annual School/Pressure Force	8	20	160
Basic Electric/House Htr. Refresher	8	17	136
Cadet Refresher School	8	10	80
Compressor Operator School	160	7	1,120
Condensing Furnace Seminar - FSD	8	12	96
Distribution Foreman School w/ Relight Training	200	9	1,800
Distribution Vent Crew	4	20	80
Distribution Worker	40	6	240
FMLA/Work Partners training	1	3	3
FSD - Refresher	8	2	16
FSD Helper	40	4	160
FSD Leak Training	8	102	204
FSD Retraining	16	1	16
FSD Street Leak Refresher	2	67	134
House Heater and Automatic Water Heater - FSD	64	7	448
Operators Qualification Distribution	40	58	2,320
Relight Training	40	3	120
Sexual Harassment Prevention Training	40	5	150
Specialist Test - FSD	8	1	8
<b>Grand Total</b>	<b>716</b>	<b>412</b>	<b>7,732</b>