



**PHILADELPHIA GAS WORKS**

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April 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**

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Dear Secretary Chiavetta:

Enclosed please find Philadelphia Gas Works’ (“PGW”) Quarterly Leak Report for the first quarter of the calendar year 2022. 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.

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Dated: April 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-1	2022	January	0	194	0.82	13	6.35	54	41	0.51	48	44.93	1685	54	0.66	127	685.58
Q-1	2022	February	0	260	1.53	32	38.35	79	59	1.18	60	54.93	1720	76	1.13	98	187.75
Q-1	2022	March	0	113	0.99	12	401.86	54	44	0.86	71	36.00	1685	75	2.75	151	491.96

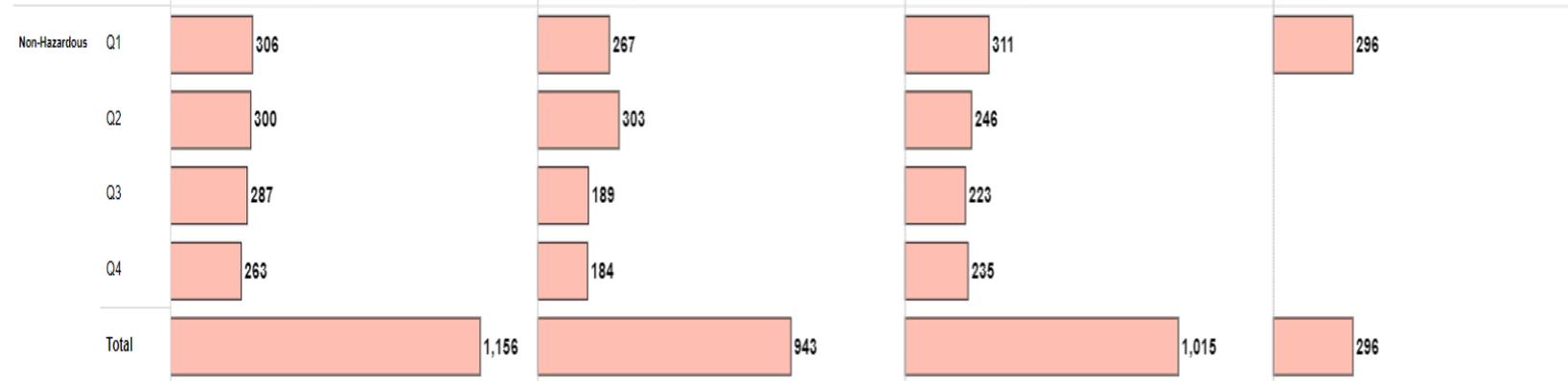
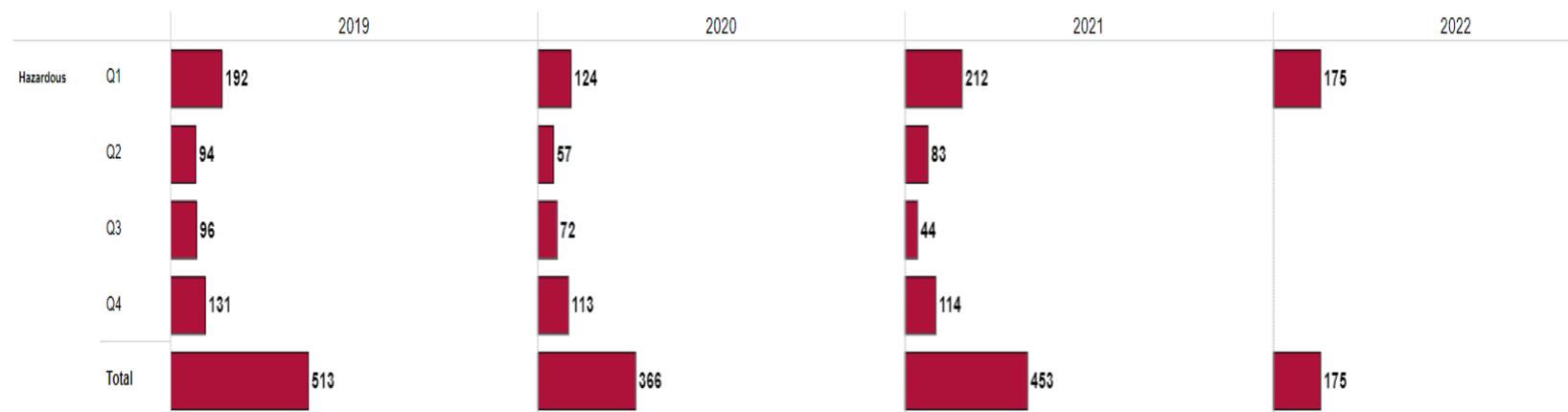
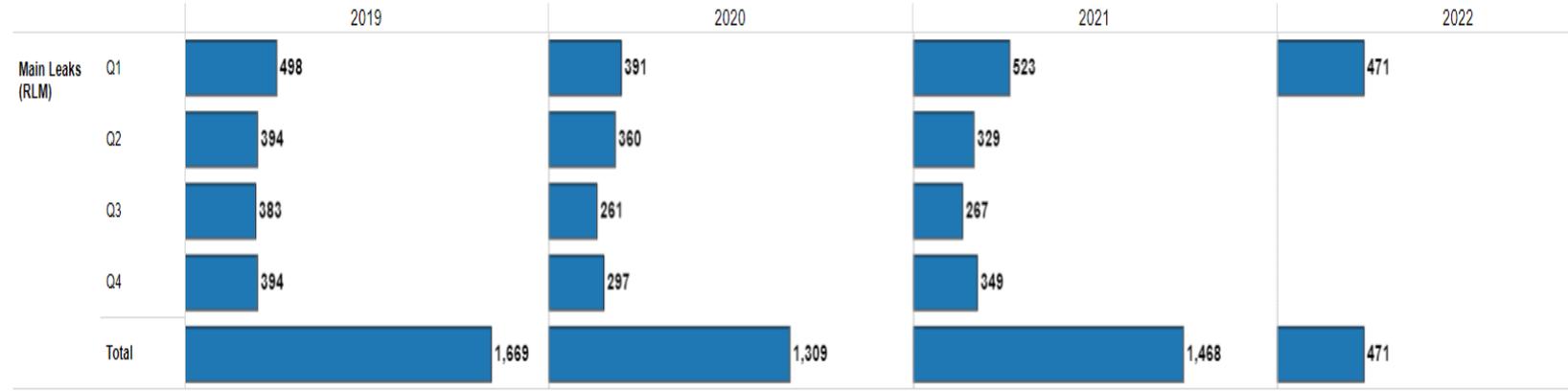
\* Average Age (days) is based on the number of leaks repaired in each category and is calculated from the time of identification to the time of first repair (temporary or permanent).

**Summary of Cast Iron Main Performance**

Diameter Group	Pressure	Leak Type	Q1 2019	Q1 2022	Variance
10" and Smaller	Low / Int	Hazardous	192	175	-9%
		Non-Hazardous	306	296	-3%
		<b>TOTAL</b>	<b>498</b>	<b>471</b>	<b>-5%</b>
12" and Larger	Low	Hazardous	27	16	-41%
		Non-Hazardous	60	50	-17%
		<b>TOTAL</b>	<b>87</b>	<b>66</b>	<b>-24%</b>
12" and Larger	High	Hazardous	22	9	-59%
		Non-Hazardous	36	14	-61%
		<b>TOTAL</b>	<b>58</b>	<b>23</b>	<b>-60%</b>

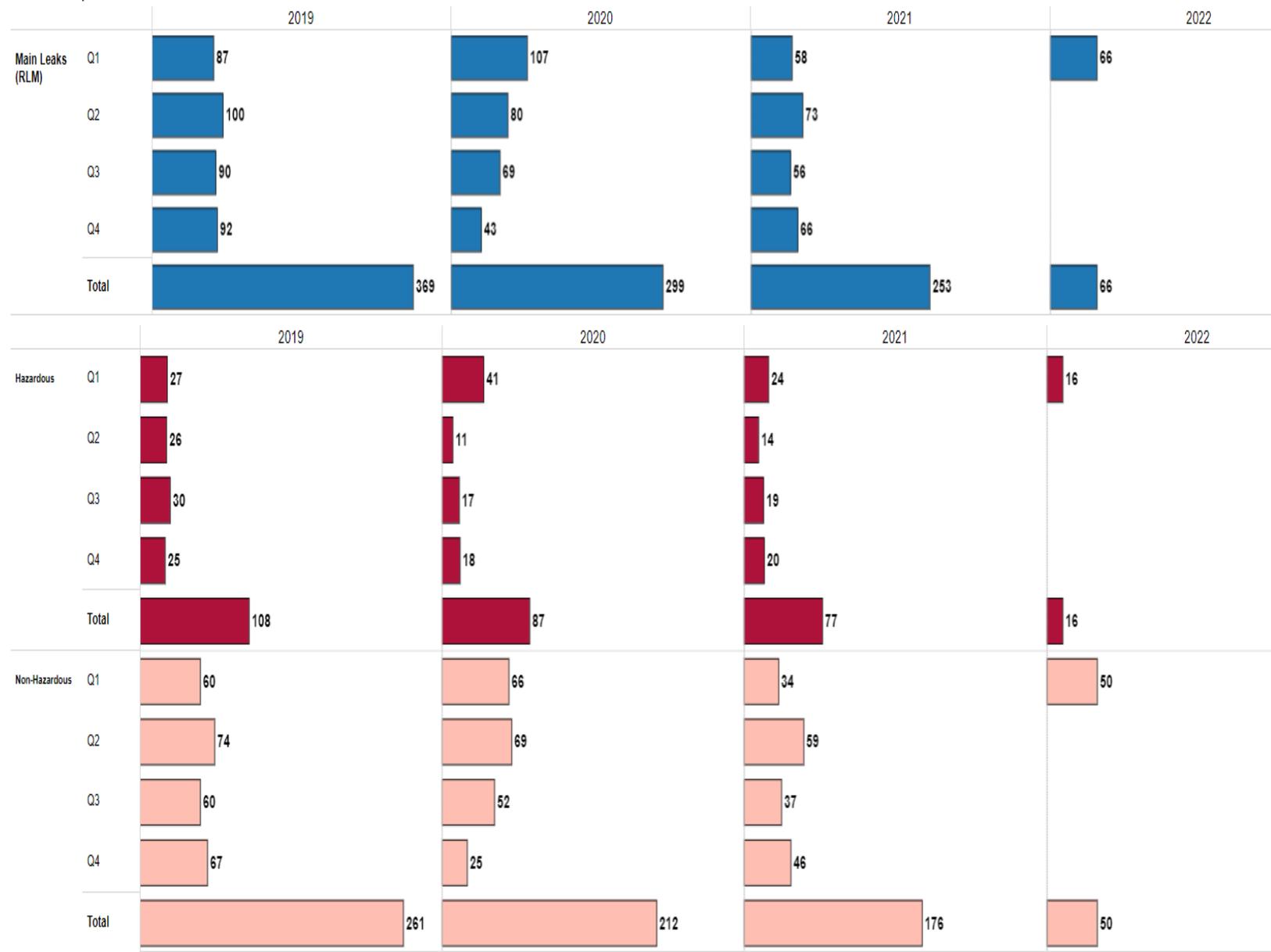
## 10” and Smaller Cast Iron Main Leak Repairs – Low / Intermediate Pressure (4.5” WC – 5 psig)

### Main Leak Repairs



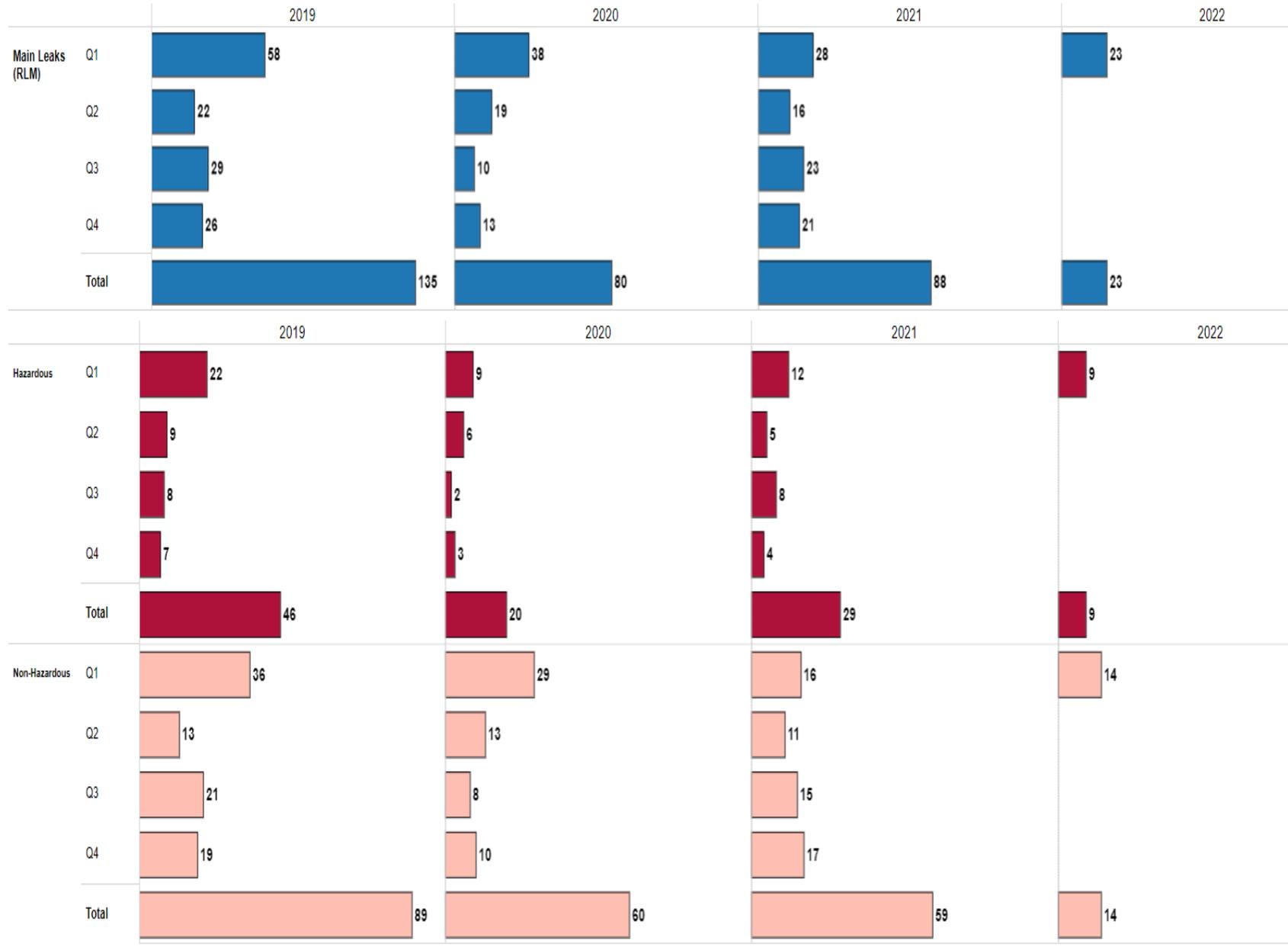
## 12” and Larger Cast Iron Main Leak Repairs – Low Pressure (4.5” WC – 14” WC)

### Main Leak Repairs

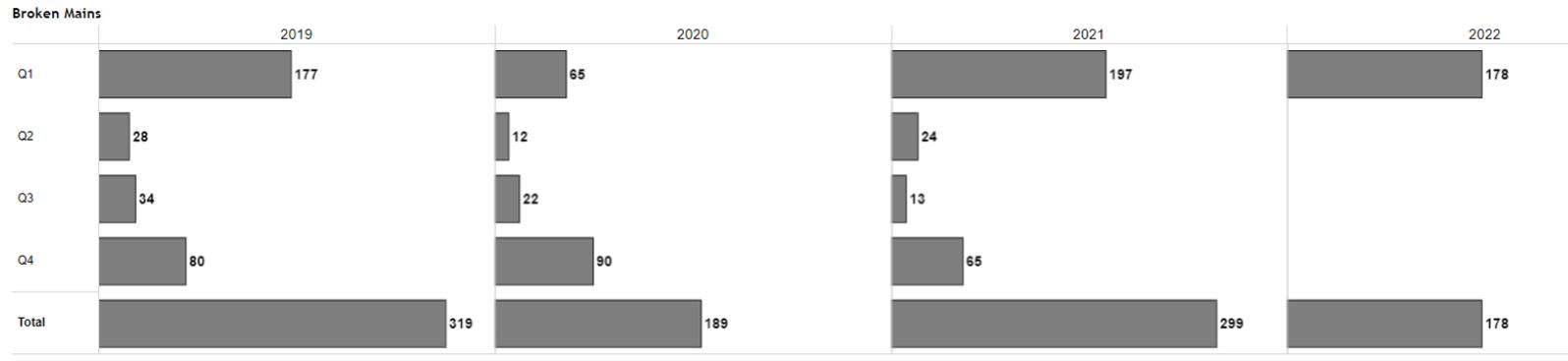


## 12” and Larger Cast Iron Main Leak Repairs – High Pressure (10 – 35 psig)

### Main Leak Repairs



## Cast Iron Broken Mains



## 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
Cadet Refresher School	8	1	8
Compressor Operator School	160	12	1,920
Distribution Retraining	8	8	64
Distribution Worker	40	12	480
Drip Truck Training	4	24	96
FSD Annual School	8	194	1,552
FSD Helper	40	7	280
FSD Specialist School	24	1	24
House Heater and Automatic Water Heater - FSD	56	8	448
Operators Qualification	40	12	480
Operators Qualification Distribution	40	5	200
Smith Driver School	8	5	40
Smith Driving Retraining	8	3	24
Specialist Test - FSD	8	1	8
<b>Grand Total</b>	<b>452</b>	<b>293</b>	<b>5,624</b>