

July 1, 2020

VIA ELECTRONIC FILING

Brinda Westbrook-Sedgwick  
Commission Secretary  
Public Service Commission  
of the District of Columbia  
1325 "G" Street, N.W., 8<sup>th</sup> Floor  
Washington, D.C. 20005

Re: **WGPRPR**  
**[Washington Gas's Quarterly Report - PUBLIC]**

Dear Ms. Westbrook-Sedgwick:

Pursuant to Order Nos. 17132 and 17204, transmitted for filing is Washington Gas Light Company's public Quarterly Report on Pipe Replacement Projects for the period March 2020 – May 2020. Confidential Attachment D has been redacted from this document. A confidential version of this report is being filed under separate cover.

Please do not hesitate to contact me if you have questions regarding this matter.

Sincerely,

*Robert C. Cain, II*  
Robert C. Cain, II  
Associate General Counsel

pc: Per Certificate of Service

IN THE MATTER OF

Formal Case No. 1093

Formal Case No. 1027

Pursuant to Public Service Commission (“Commission”) Order Nos. 17132 and 17204, issued in Formal Case No. 1093, Washington Gas Light Company (“Washington Gas” or “Company”) hereby submits its Quarterly Report on Pipe Replacement Projects in the District of Columbia for the period March 2020 – May 2020 (“Report”). The attachments submitted with this Report are as follows:

- Attachment A describes the completed pipe replacement work for the reporting period, excluding replacement work authorized in Formal

Case Nos. 1027 and 1115. Optimain identification and ranking information for each project is included, reflecting how the Company is addressing its 100 highest priority main replacement projects. Regarding the service replacement process, the Company has implemented the approved process detailed in its Revised Accelerated Pipe Replacement Plan. The Company continues to address service-related work through both its ongoing, traditional main-related programs, which include related service replacements, as well as through the scattered service replacement process in which services are identified and replaced on an as needed basis as determined from ongoing observation and assessment associated with the Company's leak response and maintenance programs.

- Attachment B provides a description of the pipe replacement projects planned for the upcoming year excluding replacement work authorized in Formal Case Nos. 1027 and 1115.
- Attachment C includes graphs showing the Company's pipe replacement, retirement and installation activities, since 2008.
- **Confidential** Attachment D includes the most recent up-to-date list of the 100 highest priority main replacement projects and the 100 highest priority service replacement projects. For planning, project design and permitting purposes, Attachment D is not typically updated on a more than annual basis and is used in conjunction with other engineering and operation considerations throughout the year when determining

which projects will be replaced in any given period of time.  
(REDACTED)

- Definitions of the Company's replacement, retirement, and installation activities, as reflected in the attachments, are as follows:
- INSTALLATIONS - The new distribution main and service pipe added to the Company's piping infrastructure in the District of Columbia during the period. These additions, which are recorded in the accounting records as Gas Plant in Service or Construction Work in Progress, reflect new pipe added for all operational purposes, including pipe to serve new business customers, pipe to replace existing pipe, and/or pipe added to enhance system deliverability, *i.e.*, pressure mains. In addition, the data includes an estimate of the footage of mechanically coupled main pipe remediated by encapsulation of the couplings.
- REPLACEMENTS - The total new distribution main and service pipe added to the Company's piping infrastructure in the District of Columbia to replace existing pipe for safety and reliability purposes during the period. These replacements are a subset of the installation of pipe identified in the category above. In addition, the data includes an estimate of the footage of mechanically coupled main pipe remediated by encapsulation of the couplings. Replacements exclude pipe replaced for other purposes, *e.g.*, Ahead of Paving projects, although such data is included in the Installations during the period.

- RETIREMENTS - The total distribution main and service pipe removed from service in the District of Columbia during the period. This pipe, which was previously recorded in the accounting records as Gas Plant in Service, reflects pipe that was replaced by new pipe or simply removed from service because it was no longer required.

# FORMAL CASE 1093

## ATTACHMENT A

QUARTERLY REPORT (Completed Replacement & AOP Installation work<sup>2,3</sup> for Period March 2020 - May 2020)

Attachment  
A

Project BCA	Project Location	Optimain ID and Ranking	Project Description	Construction Method	Estimated Project Length of Main to Be Replaced/ Remediated	Estimated Project # of Services to Be Replaced/ Remediated	Est. Cost	Actual Length of Main Replaced/ Remediated in the Period <sup>1</sup>	Actual # of Services Replaced/ Remediated in the Period <sup>1</sup>	Actual Cost for Period <sup>1</sup>	Project Start Date <sup>4</sup>	Project Completion Date
73500	OREGON AVE NW MILITARY WESTERN AVE STP-4174(0001)	N/A - AOP	7 VERTICAL AND HORIZONTAL OFFSETS OF VARYING MAIN SIZE (BETWEEN 2" -6"), MATERIAL (WRPD & PLA), PRESSURE (LP & MP), AND LENGTH OF OFFSET VARYING BETWEEN 30'-100' WITH A TOTAL MAIN INSTALL FOOTAGE OF 515'.	DIRECT BURY	515	2	\$ 470,436	373	-	\$ 168,696	7/07/2018	
82539	AOP - 31ST NW BRIDGE OVER C&O CANAL - Ward 2	N/A - AOP	ABANDON 50' OF 1.25" PLA MAIN	ABANDON MENT	50	1	\$ 38,627	-	-	\$ 995	7/10/2019	
92942	BLADENSBURG RD NE #3037 CPR 1064773 CPM 857448	N/A - INT CREATED	OFFSET 6" WRPD STL MAIN TOUCHING WATER MAIN.	DIRECT BURY	277	18	\$ 56,917	-	-	\$ 200	1/11/2016	
207441	AOP - MONROE BRIDGE REPL BETWN 8TH AND 9TH NE DDOT	N/A - AOP	Install 860' 4" PLA 20# Pressure Ties, Abandon 231' 12" STL 20#	DIRECT BURY	231	0	\$ 745,260	-	-	\$ 365,361	11/04/2018	
236280	DC AOP - Southern Ave Phase 2 - Ward 8 - No. 3307(011)	N/A - AOP	Install approximately 395 feet of 6" PLA 20#	DIRECT BURY	526	6		-	-	\$ 10,890	4/01/2020	
281758	DC AOP - 16TH ST NW BRIDGE - Ward 4 - DCKA-2013-T_0141	N/A - AOP	Abandon approximately 220 feet of 6" CI LP and STL LP	ABANDON MENT ONLY	220	1		-	-	\$ 115	4/01/2020	
284672	AOP - GREEN INFRASTRUCTURE - Oregon Ave Watershed Green Streets	N/A - AOP	Offset 80' of main and 3 services	DIRECT BURY	80	3	\$ 140,306	-	-	\$ 28,847	6/08/2019	
285923	DC AOP - Ledroit Park Green Infrastructure Ph 2 - Ward 1	N/A - AOP	Replace/Offset 50' of main and 2 services	DIRECT BURY	50	2	\$ 100,000	-	-	\$ 2,302	3/25/2019	
286938	AOP - DC BILLABLE @100% - 331 N ST NE - DAVIS UTILITY	N/A - AOP	Relocate approximately 25 feet of 2" PLA 20#	DIRECT BURY	25	0	\$ 156,826	25	-	\$ 24,766	3/01/2020	
287303	DC AOP - Reconstruction of Florida Ave NW - Ward 1	N/A - AOP	Abandon approximately 56 feet of 12" WRPD LP	ABANDON MENT ONLY	56	0		-	-	\$ 13,718	4/01/2020	
287535	Billable @ 100% - Georgetown University - East West Rd - J004NW - Ward 2	N/A - Billable Project	Replace 1700' of 2" PLA, 4" PLA & 4" WRPD main, Replace/Transfer 4 Services	DIRECT BURY	1,700	4	\$ 1,515,000	-	-	\$ 2,561	3/13/2019	
289352	DC MNABD - 1701 RHODE ISLAND AVE NW - WARD 2	N/A - Billable Project	Abandon approx. 388 ft. of 4" CI-LP	ABANDON MENT ONLY	0	0	\$ 62,472	-	-	\$ 38,573	3/01/2020	
291261	DC BILLABLE @100% - 37 L ST SE - A002SE3 - WARD 6	N/A - Billable Project	Install 225' of 4" PLA 20#, abandon 158' 2" PLA 20#	DIRECT BURY	225	1	\$ 174,028	-	-	\$ 83,054	2/01/2020	

QUARTERLY REPORT (Completed Replacement & AOP Installation work<sup>2,3</sup> for Period March 2020 - May 2020)

Attachment  
A

Project BCA	Project Location	Optimain ID and Ranking	Project Description	Construction Method	Estimated Project Length of Main to Be Replaced/ Remediated	Estimated Project # of Services to Be Replaced/ Remediated	Est. Cost	Actual Length of Main Replaced/ Remediated in the Period <sup>1</sup>	Actual # of Services Replaced/ Remediated in the Period <sup>1</sup>	Actual Cost for Period <sup>1</sup>	Project Start Date <sup>4</sup>	Project Completion Date
292045	DC EMMR - 2212 I ST NW - F002NW - WARD 2	N/A - FIELD OPS ORIGINATED	Convert a section of LP main to MP along with the service at 2212 I ST NW.	DIRECT BURY	175	1	\$ 156,979	168	1	\$ 102,177	6/24/2019	
292405	DC INT - Aspen St NW - A013NW - Ward 4 (Related to BCA 287799 & 283129)	N/A - INT CREATED	Pressure Tie necessary to complete BCA 287799 (PIPES Program 4 AOP)	DIRECT BURY	0	0	\$ 224,405	-	-	\$ 6,156	9/10/2019	
292761	DC BILLABLE @100% - SURSUM CORDA PHASE 2 - A003NW4	N/A - Billable Project	Abandon approx. 880' WRPD MP main due to planned demolition.	DIRECT BURY	884	3	\$ 230,480	-	-	\$ 141,104	11/13/2019	
292829	DC INT - New York Ave NW Pressure Tie - B003NW - Ward 6	N/A - INT CREATED	Pressure Tie on New York Ave NW	DIRECT BURY	0	0	\$ 428,440	-	-	\$ 17,834	10/21/2019	
293160	DC MNABD - BARRY FARMS PHASE 4 - B0050SE2	N/A - Billable Project	Abandon main to accommodate development.	ABANDONMENT ONLY	0	0	\$ 319,080	-	-	\$ 964	3/01/2020	
295354	DC Billable @100% - F.O.- Decatur St NW - Structure Over Main - D0009NW - Ward 4	N/A - Billable Project	Install approximately 625 feet of 12" PLA LP	DIRECT BURY	233	0	\$ 1,247,996	625	-	\$ 32,610	3/01/2020	

**Footnotes:**

<sup>1</sup> The three month timeframe used is for March, 2020 through May, 2020.

<sup>2</sup> Work included: construction activity during the period and/or open for active accounting functions.

<sup>3</sup> The list of replacement projects excludes ongoing or future DC APRP projects.

<sup>4</sup> Project Start Date based on when Public Space Construction and/or Occupancy Permit were first received.



**FORMAL CASE 1093**  
**ATTACHMENT B**

QUARTERLY REPORT (Proposed Normal Replacement & AOP Installation work<sup>2,3</sup> for FY20)

## Attachment B

<i>Project BCA</i>	<i>Project Location</i>	<i>Optimain ID and Ranking</i>	<i>Project Description</i>	<i>Construction Method</i>	<i>Estimated Project Length of Main to Be Replaced/ Remediated</i>	<i>Estimated Project # of Services to Be Replaced/ Remediated</i>	<i>Est. Cost</i>
71032	ALABAMA AVE SE FROM SUITLAND RD TO 37TH ST SE	N/A - FIELD OPS ORIGINATED	ABANDON 1680' (12") 1525 (6") 75' (4"). INSTALL 1665' OF 12" PLA.	INSERTION & DIRECT BURY	1,665	10	\$ 280,620
122440	EMMR L ST SE - 10TH ST SE CILP STUB ABND	N/A - FIELD OPS ORIGINATED	CUT CAP PURGE AND ABANDON 173' OF 4 CI LP MAIN STUB	ABANDON	173	-	\$ 15,274
226960	DC AOP - SOUTHERN AVE PH 1 - WARD 8	N/A - AOP	Abandon 180' of main, offset 260' of main, transfer 3 services	DIRECT BURY	385	3	\$ 50,969
255724	NonRTREC for BCA 253060 - BENNING RIDGE PH1	N/A - INT CREATED	REPLACE/TRANSFER APPROX. 103 SERVICES THAT ARE NON-VINTAGE MECHANICALLY COUPLED AND NON-BLACK PLASTIC SERVICES.	INSERTION & DIRECT BURY	945	103	\$ 618,948
278369	AOP - Kenilworth Ave Pedestrian Bridge - Ward 7	N/A - AOP	Abandon 134' of 4" WRPD, 148' of 1.25" pla 20# main and 4 service	ABANDONMENT	282	1	\$ 79,970
283380	FIELD OPS 1612 S PORTAL DR NW REPL10'- 6STL	N/A - FIELD OPS ORIGINATED	CUT OUT 10' OF LEAKING 6" STL MAIN AND INSTALL 10' OF 6" PLA	DIRECT BURY	10	1	\$ 26,632
285997	DC AOP - South Capitol St Corridor - Ward 6	N/A - AOP	Abandon 295' of 2" WRPD & PLA 20#	ABANDONMENT	295	2	\$ 50,000
286074	OPT203865 - 19TH PL SE - E004SE - WARD 8	OPT ID 203865 OVERAL RANK #2538	Replace 535' of 2" WRPD 20#, replace/abandon 5 services	DIRECT BURY	535	5	\$ 625,176
286771	M ST ST SE - A002SE3 - WARD 6	N/A - SERVICE PIPE ONLY	Replace 1 Service	DIRECT BURY	0	1	\$ 11,697
287287	V ST NE - H005NE - WARD 5	N/A - SERVICE PIPE ONLY	Replace 2 Services	DIRECT BURY	0	2	\$ 33,979
287302	FORT DUPONT ST SE - J003SE - WARD 7	N/A - SERVICE PIPE ONLY	Replace 1 Service	DIRECT BURY	0	1	\$ 16,990
287314	4TH ST SW - B003SW - WARD 6	N/A - SERVICE PIPE ONLY	Replace 1 Service	DIRECT BURY	0	1	\$ 16,990
287315	I ST NW - F002NW - WARD 2	N/A - SERVICE PIPE ONLY	Replace 3 Services	DIRECT BURY	0	3	\$ 52,472

QUARTERLY REPORT (Proposed Normal Replacement & AOP Installation work<sup>2,3</sup> for FY20)

## Attachment B

<i>Project BCA</i>	<i>Project Location</i>	<i>Optimain ID and Ranking</i>	<i>Project Description</i>	<i>Construction Method</i>	<i>Estimated Project Length of Main to Be Replaced/ Remediated</i>	<i>Estimated Project # of Services to Be Replaced/ Remediated</i>	<i>Est. Cost</i>
287349	DC VMD - 56TH ST SE - M001SE2 - WARD 7	N/A - SERVICE PIPE ONLY	Replace 17 Services	DIRECT BURY	0	17	\$ 287,349
287367	W ST NW - L005NW - WARD 3	N/A - SERVICE PIPE ONLY	Replace 4 Services	DIRECT BURY	0	4	\$ 67,958
287369	W ST NW - L005NW - WARD 3	N/A - SERVICE PIPE ONLY	Replace 4 Services	DIRECT BURY	0	4	\$ 72,860
287372	KENNEDY ST NE - B010NE - WARD 5	N/A - SERVICE PIPE ONLY	Replace 7 Services	DIRECT BURY	0	7	\$ 119,904
287416	56TH ST NE - M002NE - WARD 7	N/A - SERVICE PIPE ONLY	Replace 4 Services	DIRECT BURY	0	4	\$ 26,737
287455	MORTON ST NW - B007NW3 - WARD 1	N/A - SERVICE PIPE ONLY	Replace 11 Services	DIRECT BURY	0	11	\$ 224,263
287457	WESLEY PL SW - B002SW	N/A - SERVICE PIPE ONLY	Replace 4 Services	DIRECT BURY	0	4	\$ 81,550
288041	BRANDYWINE SE SE - B009SE - WARD 8	N/A - SERVICE PIPE ONLY	Replace 8 Services	DIRECT BURY	0	8	\$ 128,339
288107	4TH ST NE B004NE - WARD 5	N/A - SERVICE PIPE ONLY	Replace 7 Services	DIRECT BURY	0	7	\$ 145,719
288110	I ST SE - D002SE3	N/A - SERVICE PIPE ONLY	Replace 7 Services	DIRECT BURY	0	7	\$ 118,601
288118	13TH ST SE - C007SE - WARD 8	N/A - SERVICE PIPE ONLY	Replace 9 Services	DIRECT BURY	0	9	\$ 174,797
288120	13TH ST SE - C007SE - WARD 8	N/A - SERVICE PIPE ONLY	Replace 21 Services	DIRECT BURY	0	21	\$ 428,138
288121	NAYLORD D SE - F004SE - WARD 8	N/A - SERVICE PIPE ONLY	Replace 18 Services	DIRECT BURY	0	18	\$ 379,515
288124	G ST SW - A002SW2 - WARD 6	N/A - INT CREATED	Replace 870' of Trunkline as main, Replace 32 Services	DIRECT BURY	870	32	\$ 1,132,488

QUARTERLY REPORT (Proposed Normal Replacement & AOP Installation work<sup>2,3</sup> for FY20)

## Attachment B

<i>Project BCA</i>	<i>Project Location</i>	<i>Optimain ID and Ranking</i>	<i>Project Description</i>	<i>Construction Method</i>	<i>Estimated Project Length of Main to Be Replaced/ Remediated</i>	<i>Estimated Project # of Services to Be Replaced/ Remediated</i>	<i>Est. Cost</i>
288470	DC BILLABLE @ 0% - 45 L ST NE	N/A - Billable Project	Abandon 615' of main	ABANDONMENT ONLY	615	0	\$ 79,654
288707	DC BILL @ 0% - 5015 FITCH PL NE - L001NE - WARD 7	N/A - Billable Project	Abandon 70' of main	ABANDONMENT ONLY	70	0	\$ 71,739
288759	DC BILL @100% - 2306 HARFORD ST SE - WARD 8	N/A - Billable Project	Replace/Offset 140' of main	DIRECT BURY	140	1	\$ 137,680
288783	DC BILLABLE @0% - 420 FLORIDA AVE - WARD 5	N/A - Billable Project	Abandon 160' of main	ABANDONMENT ONLY	160	0	\$ 79,654
288939	DC BILLABLE @ 0% - 1 1/2 ST SE WARD 6	N/A - Billable Project	Abandon 225' of main	ABANDONMENT ONLY	225	0	\$ 67,885
289795	DC MNABD - 2115 BRYANT ST NE - E005NE - WARD 5	N/A - Billable Project	Abandon approx. 80 ft. of 8" PLA 20#.	ABANDONMENT ONLY	0	0	\$ 69,233
291205	DC EMMR - 3125 Beech St NW - G013NW - Ward 4	N/A - FIELD OPS ORIGINATED	Replace approx. 10-15' of 4" PLA main due to damage caused by third party.	DIRECT BURY	10	0	\$ 40,636
291543	DC MNABD - 617 H ST NW - MONUMENT REALTY - B002NW3	N/A - Billable Project	Abandon 436' of CI and STL main due to development.	ABANDONMENT ONLY	0	1	\$ 110,053
292187	DC BILL @0% - 2310 CONNECTICUT AVE NW - F005NW3 - WARD 2	N/A - Billable Project	Abandon 300' of 2" and 3" PLA main.	ABANDONMENT ONLY	2	0	\$ 55,385
292557	DC BILLABLE @100% - STATE DEPT - 2201 C ST NW - F001NW - WARD 2	N/A - Billable Project	Install 1150' of 4" PLA 20#, Abandon 1000' of 4" PLA 20#	DIRECT BURY	1,000	1	\$ 701,343
293034	DC MNABD - BARRY FARMS PHASE 3 - B005SE1 - WARD 8	N/A - Billable Project	Abandonment of approx. 4300' of PLA 20# main due to planned demolition.	ABANDONMENT ONLY	4,299	0	\$ 135,856
293940	DC INT - DC WATER OFFSET - 3RD ST SE - B003SE - WARD 6	N/A - FIELD OPS ORIGINATED	Offset ~10' of 6" PLA 20# due to conflicts with DC Water main.	DIRECT BURY	10	0	\$ 54,473
293913	AOP - BILLABLE @100% - CATHOLIC UNIV - MAGNER HALL - B007NE - WARD 5	N/A - AOP	Install approximately 375 feet of 4" PLA 20#	DIRECT BURY	341	2	\$ 198,347

QUARTERLY REPORT (Proposed Normal Replacement & AOP Installation work<sup>2, 3</sup> for FY20)

Attachment B

<i>Project BCA</i>	<i>Project Location</i>	<i>Optimain ID and Ranking</i>	<i>Project Description</i>	<i>Construction Method</i>	<i>Estimated Project Length of Main to Be Replaced/ Remediated</i>	<i>Estimated Project # of Services to Be Replaced/ Remediated</i>	<i>Est. Cost</i>
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**Footnotes:**

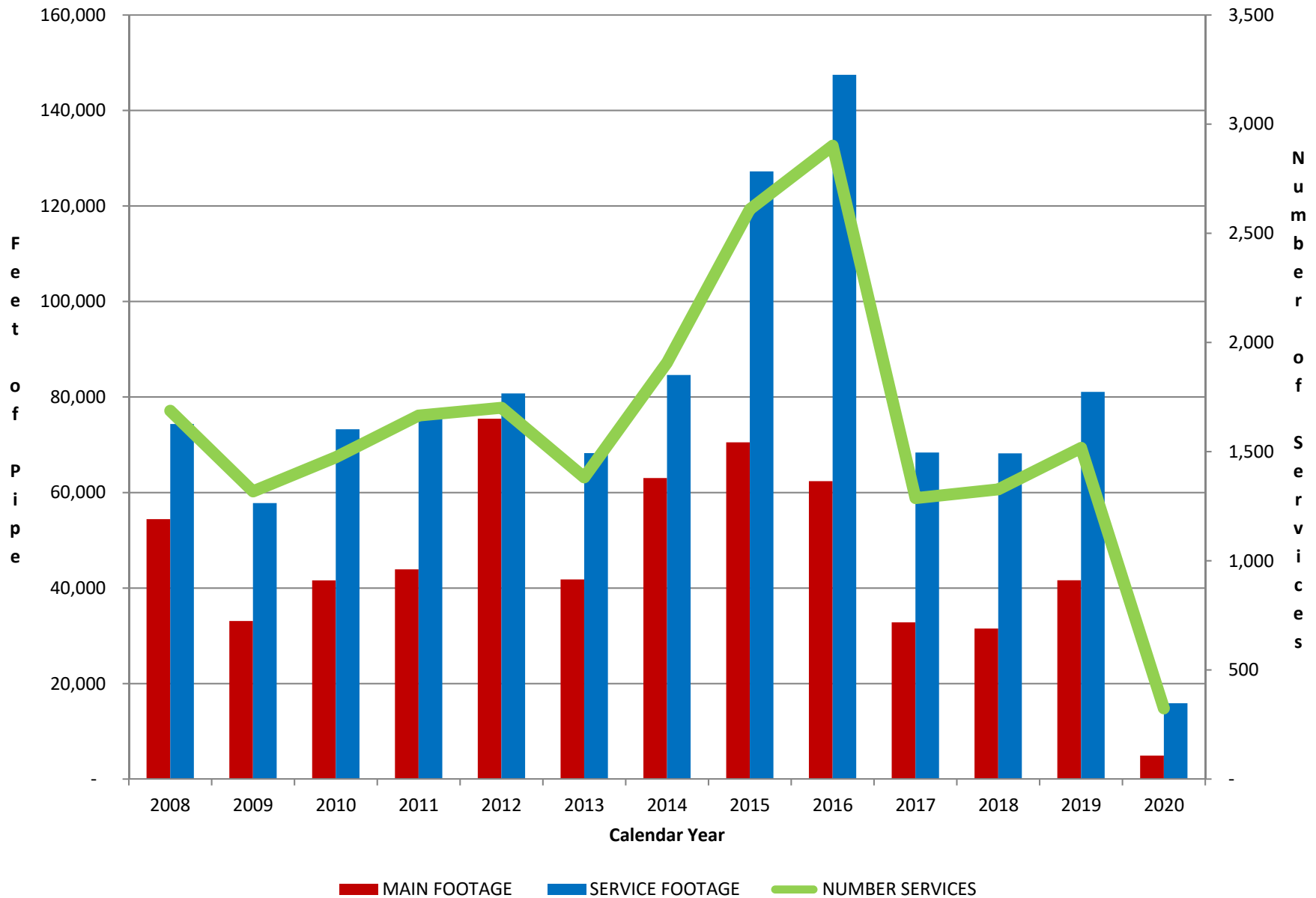
<sup>2</sup> Work included: ongoing or future projects that are categorized as AOP and DC Non-APRP Replacement. The list is subject to change for the reasons described in Footnote (1) under Page 1 of Attachment B.

<sup>3</sup> The list of replacement projects excludes ongoing or future DC APRP projects.

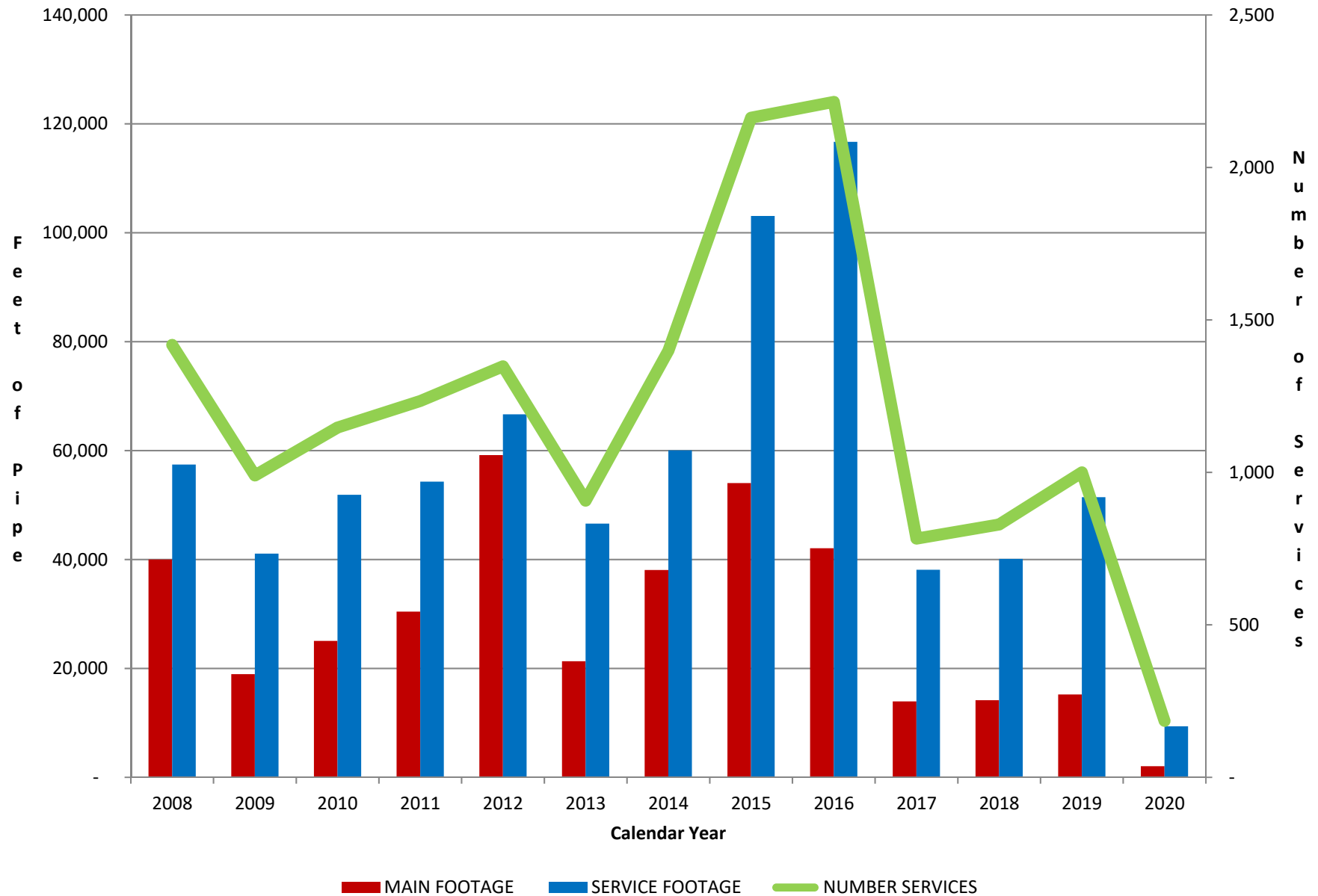
# FORMAL CASE 1093

## ATTACHMENT C

## FC 1093: WGL Installations in the District of Columbia

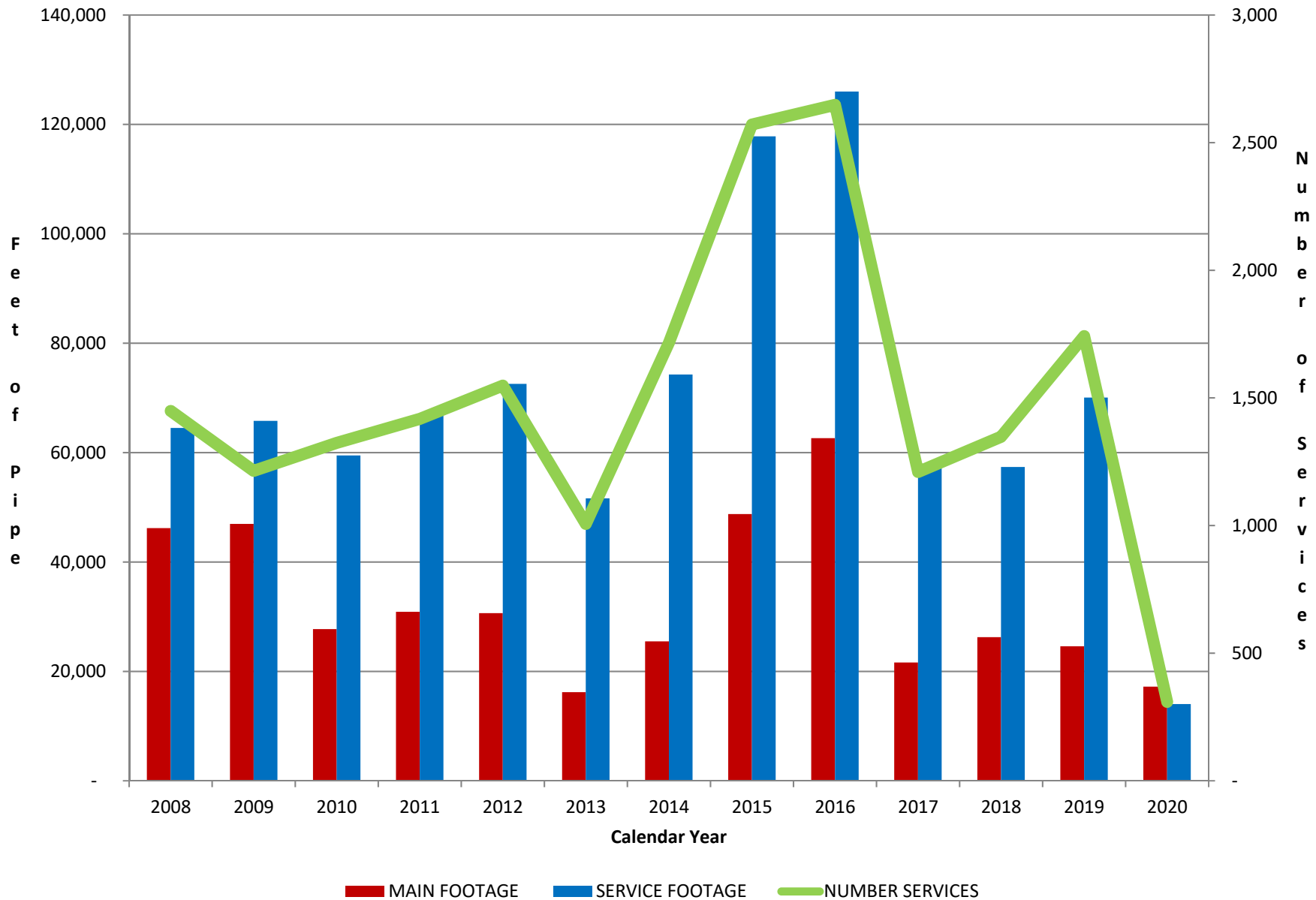


## FC 1093: WGL Replacements in the District of Columbia





## FC 1093: WGL Retirements in the District of Columbia



FORMAL CASE 1093  
ATTACHMENT D  
REDACTED

## **CERTIFICATE OF SERVICE**

I, the undersigned counsel, hereby certify that on this 1st day of July 2020, I caused copies of the foregoing to be hand-delivered, mailed, postage-prepaid, or electronically delivered to the following:

Kimberly Lincoln Stewart, Esquire  
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of the District of Columbia  
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District Department of the Environment  
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Barbara Burton, Esquire  
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ROBERT C. CAIN, II