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February 27, 2015

VIA ELECTRONIC FILING

Rosemary Chiavetta, Secretary
Pennsylvania Public Utility Commission
Commonwealth Keystone Building
400 North Street, 2nd Floor North
P.O. Box 3265
Harrisburg, PA 17105-3265

**Re: UGI Utilities, Inc. - Gas Division
Annual Asset Optimization Plan
Docket No. M-2015-**

Dear Secretary Chiavetta:

Enclosed for filing on behalf of UGI Utilities, Inc. – Gas Division is the Company’s Annual Asset Optimization Plan.

Copies will be provided as indicated on the Certificate of Service.

Respectfully submitted,


Jessica R. Rogers

JRR/jl

Enclosures

cc: Certificate of Service

CERTIFICATE OF SERVICE

I hereby certify that a true and correct copy of the foregoing has been served upon the following persons, in the manner indicated, in accordance with the requirements of 52 Pa. Code § 1.54 (relating to service by a participant).

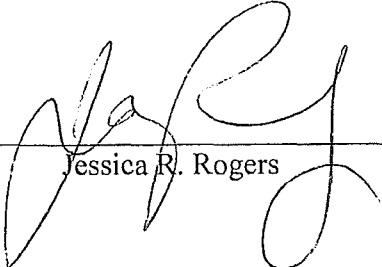
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Date: February 27, 2015



Jessica R. Rogers

UGI UTILITIES, INC. – GAS DIVISION

2014-2015
Annual Asset Optimization Plan

Docket No. M-2015-

2/27/2015

UGI Utilities, Inc. – Gas Division
2014-2015 Annual Asset Optimization Plan
Submission Date: February 27, 2015

UGI Utilities, Inc. – Gas Division (“UGI-GD” or the “Company”) hereby submits for the Pennsylvania Public Utility Commission’s (“Commission’s”) review its 2014-2015 Annual Asset Optimization Plan (“2014-2015 AAOP”) in connection with the Company’s 2014-2019 Long-Term Infrastructure Improvement Plan approved by the Commission Opinion and Order entered July 31, 2014, at Docket No. P-2013-2398833 (“2014-2019 LTIP” or “Plan”). This 2014-2015 AAOP provides a description of: (1) the eligible property repaired, improved and replaced in the Plan’s initial 12-month period, January 1, 2014 through December 31, 2014; and (2) the eligible property to be repaired, improved and replaced in the Plan’s upcoming 12-month period, January 1, 2015 thru December 31, 2015. As discussed in more detail below, this 2014-2015 AAOP demonstrates that the Company’s performance is consistent with the overall schedule of repairs, improvements or replacements of the specific eligible property in its approved Plan for the above-referenced 12-month timeframes.

I. Background

Act 11 of 2012 (“Act 11”) became effective on February 14, 2012, which, among other things, authorized the Commission to approve a distribution system improvement charge (“DSIC”) upon petition by a public utility to recover the utility’s reasonable and prudent costs incurred to repair, improve or replace certain eligible distribution property that is part of the utility’s distribution system. As a precondition to implementing a DSIC under Act 11, a utility is required to receive Commission approval of a LTIP that is consistent with the provisions of Section 1352 and the Commission’s implementing orders.

On August 2, 2012, the Commission entered its Final Implementation Order at Docket No. M-2012-2293611 (“Final Implementation Order”), which established procedures and guidelines implementing Act 11. The Final Implementation Order adopted the requirements established in Section 1352 of the Public Utility Code while providing additional standards that LTIPs must meet and guidance to utilities for meeting the Commission’s standards. In the Final Implementation Order, the Commission noted that a utility’s AAOP is intended to provide the Commission and the public an overall status report regarding a utility’s compliance and progress in making infrastructure improvements pursuant to its Commission-approved LTIP. The Commission further stated in the Final Implementation Order that it expects a utility’s AAOP to identify a utility’s near-term construction projects that will be funded by the DSIC, consistent with the LTIP.

On May 22, 2014, the Commission entered its Final Rulemaking Order at Docket No. L-2012-2317274 (“Final Rulemaking Order”), establishing procedures and criteria for the filing

and subsequent periodic review of LTIPs. Section 121.6 of the Final Rulemaking Order included required elements of and procedures for filing AAOPs, providing, in pertinent part:

- a utility with an approved DSIC must file with the Commission, for informational purposes, an AAOP on an annual basis with the Commission 60 days after the 12 months of the utility's LTIP has expired and pursuant to the timeframe for each successive year of the term of the LTIP;
- A utility's AAOP must include: (1) a description that specifies all the eligible property repaired, improved and replaced in the prior 12-month period under the utility's LTIP and prior year's AAOP, and (2) a description of the eligible property to be repaired, improved and replaced in the upcoming 12-month period;
- An AAOP will be reviewed by the Commission only to determine whether the utility is in substantial compliance with the repairs, improvements or replacements of the specific eligible property in its approved LTIP, for the corresponding 12-month timeframes; and
- An AAOP will be deemed approved within 60 days of its submission to the Commission, absent any major modifications to the utility's LTIP, Commission rejection of the AAOP or Commission extension of the consideration period.

Pursuant to the provisions of Act 11 and the Final Implementation Order, UGI-GD filed a Petition for approval of its 2014-2019 LTIP on December 12, 2013, which was approved by the Commission by Opinion and Order entered July 31, 2014, at Docket No. P-2013-239883. Although UGI-GD to date has not filed a petition for approval of a DSIC, and is, therefore, not required to submit an AAOP, the Company is nonetheless submitting this 2014-2015 AAOP to the Commission for informational purposes.

This 2014-2015 AAOP is the first annual update under UGI-GD's 2014-2019 LTIP, which addresses the required elements for the Plan's initial 12-month period, January 1, 2014 thru December 31, 2014, and the Plan's upcoming 12-month period, January 1, 2015 thru December 31, 2015, and demonstrates, in accordance with the Final Rulemaking Order, that the Company's performance is consistent with the overall schedule of repairs, improvements or replacements of the specific eligible property in its approved Plan for the corresponding 12-month timeframes.

II. Description of all the Eligible Property Repaired, Improved and Replaced in the Initial 12-Month Period: January 1, 2014 thru December 31, 2014

As described in the Companies’ 2014-2019 LTIPs, UGI-GD, UGI Central Penn Gas, Inc. (“UGI-CPG”)¹ and UGI Penn Natural Gas, Inc. (“UGI-PNG”)² (collectively, the “UGI Distribution Companies” or “Companies”) estimated the replacement of approximately 62 miles of cast iron and bare steel mains across the UGI Distribution Companies’ service territories in 2014. For UGI-GD specifically, the 2014 replacement plan included replacement of approximately 33 miles of combined cast iron and bare steel mains. For UGI-CPG and UGI-PNG, the 2014 replacement plan included approximately 12 miles of combined cast iron and bare steel mains for each company.³ A specific list of planned DSIC-eligible main replacement projects for 2014 is found attached to UGI-GD’s 2014-2019 LTIP as Appendix B.

As stated in the 2014-2019 LTIP, the amount of the annual UGI Distribution Companies’ 62 mile main replacement plan allocated to each UGI Distribution Company will vary as risks are annually re-evaluated and re-prioritized across all UGI Distribution Companies. An annual review will be performed to identify the highest risk pipe segments and prioritize those replacements each year. Such approach is consistent with the UGI Distribution Companies’ Transmission Integrity Management Program (“TIMP”) and Distribution Integrity Management Program (“DIMP”) filed in accordance with Subpart P of 49 CFR Part 192.

In total, the UGI Distribution Companies exceeded LTIP plans by replacing 62.6 miles of cast iron, bare steel and wrought iron mains in the calendar year ended December 31, 2014, and UGI-GD in particular exceeded its LTIP plan by replacing 40.4 miles of cast iron, bare steel and wrought iron mains. The tables below provide a summary of the mains replaced by all UGI Distribution Companies and the detail of mileage replaced at UGI-GD.

UGI Distribution Companies Main Replacement Quantities		
	<u>LTIP 2014 Planned Cast Iron, Bare Steel & Wrought Iron Pipe Replacement Quantity (Miles)</u>	<u>Calendar Year 2014 Actual Cast Iron, Bare Steel & Wrought Iron Pipe Replacement Quantity (Miles)</u>
UGI-CPG	12.0 ⁴	13.0
UGI-GD	33.0	40.4
UGI-PNG	12.0	9.2
Total UGI Companies	<u>62.0⁵</u>	<u>62.6</u>

¹ UGI-CPG’s LTIP was approved in an Opinion and Order at Docket No. P-2013-2398835 entered on September 11, 2014.

² UGI-PNG’s LTIP was approved in an Opinion and Order at Docket No. P-2013-2397056 entered on September 11, 2014.

³ UGI-CPG’s 2014 replacement plan specifically included replacement of approximately 12 miles of cast iron and bare steel mains with anticipation that UGI-CPG will replace an average of 17 miles of combined cast iron and bare steel mains over the span of the LTIP.

⁴ See note 3 above.

UGI-GD Pipe Replacement Detail	
<u>Material</u>	<u>Mileage Replaced</u>
Bare Steel & Wrought Iron	9.5
Cast Iron	30.9
<u>Total</u>	<u>40.4</u>

Attached hereto in Appendix A is a list of DSIC-eligible mains replacement projects that occurred during 2014 at UGI-GD.

DSIC-eligible capital placed into service at UGI-GD was \$59.0 million. The table below enumerates the capital spend by asset type. It should be noted that total LTIP expenditures exceeded the amounts reported below, however only those projects closed and placed into service for DSIC calculation purposes are shown below.

UGI Companies DSIC-Eligible Capital Placed in Service Calendar 2014		
	LTIP 2014 Planned Capital ⁶ (\$Millions)	Calendar Year 2014 Capital Placed in Service (\$Millions) ⁷
UGI-CPG	\$11.0	\$ 8.4
UGI-GD	\$51.2	\$59.0
UGI-PNG	\$22.9	\$26.1
<u>Total UGI Companies</u>	<u>\$85.1</u>	<u>\$93.5</u>

UGI-GD DSIC-Eligible Capital Placed into Service Detail Calendar 2014		
Budget Group	Budget Group Description	Calendar Year 2014 Capital Placed in Service
58M	Replacement-Services	22,484,533
45M	Replacement-Cast Iron	16,879,648
41M	Replacement-Mains	5,632,133
43M	Replacement-Ahead of Paving	4,243,789
44M	Replacement-Other	2,274,168
51M	Maintenance-Meters	1,534,133
42M	Replacement-Pressure	1,411,878
09O	M & R Station Equipment	1,065,857
12O	Distribution System Improvements	981,284

⁵ The total 62 miles takes into account UGI-CPG's replacement plan of an average of 17 miles of cast iron and bare steel over the span of the LTIP.

⁶ At the time of submitting its LTIP Petition in December 2013, projected LTIP annual expenditures and related project list were provided based on the Company's fiscal year, October 1st through September 30th, due to the Company's use of its fiscal year for capital budgeting purposes.

⁷ Actual LTIP expenditures are shown based on the calendar year ended December 31, 2014 to be consistent with the Company's 2014 mileage replacement commitments as expressed on a calendar year basis.

52M	Replacement-Meter Installation	746,973
54M	Replacement-House Reg Install	576,911
11O	Corrosion Control	519,318
07O	Gen Plant Improvements	433,884
51M1	Replacement-AMR ERTs	107,623
01O	Misc-Plant Equipment	46,563
53M1	Maintenance-Mercury Regulators	30,309
14S	IS Information Services	6,929
55M	Industrial Meas & Reg Equip	2,763
<u>Total</u>		<u>\$58,978,696</u>

III. Description of the Eligible Property To Be Repaired, Improved and Replaced in the Upcoming 12-Month Period: January 1, 2015 – December 31, 2015

In calendar year ended December 31, 2015, approximately 62 miles or more of cast iron, bare steel and wrought iron main are estimated to be replaced across all UGI Distribution Companies. For UGI-GD, the 2015 replacement plan will include approximately 33 miles of cast iron, bare steel and wrought iron mains. These estimates are subject to change based on the UGI Distribution Companies' process for the annual re-evaluation and re-prioritization of projects across all UGI Distribution Companies. The estimated DSIC-eligible capital spend at UGI-GD in 2015 is \$52.1 million.

UGI Companies Main Replacement Quantities		
	<u>LTIP Plan Cast Iron, Bare Steel & Wrought Iron Pipe Replacement Quantity (Miles)</u>	<u>Calendar Year 2015 Cast Iron, Bare Steel & Wrought Iron Pipe Replacement Plan (Miles)</u>
UGI-CPG	17	15 ⁸
UGI-GD	33	33
UGI-PNG	12	14
<u>Total UGI Companies</u>	<u>62</u>	<u>62</u>

UGI Companies DSIC Eligible Capital Planned Calendar 2015		
	<u>LTIP 2015 Plan Capital (\$Millions)</u>	<u>Calendar Year 2015 Plan Capital (\$Millions)</u>
UGI-CPG	\$11.0	\$20.4
UGI-GD	\$51.2	\$52.1
UGI-PNG	\$22.9	\$24.8
<u>Total UGI Companies</u>	<u>\$85.1</u>	<u>\$97.3</u>

Attached hereto in Appendix B is a list of DSIC-eligible replacement projects that are planned during 2015 at UGI-GD.

⁸ While UGI-CPG's LTIP anticipated replacing an average of 17 miles of combined cast iron and bare steel mains over the span of the LTIP, the Company's replacement plan for calendar year 2015 includes replacement of approximately 15 miles of cast iron, bare steel and wrought iron mains.

Appendix A
Cast Iron, Bare Steel, Wrought Iron
Replacement Projects Placed in Service
Calendar Year Ended December 31, 2014

PROJECT ADDRESS	TOTAL PIPE (BS, CI OR WI) ABANDONED (FT)	CAST IRON (FT)	BARE STEEL / WROUGHT IRON (FT)	RETIRED PIPE SIZE (IN.)	INSTALLED PIPE SIZE (IN.)
E Walnut Street, 000-400	6,660	3,548	3,112	4&6	1.25 & 2
N 3rd Street, 000	5,445	5,445	-	3,4,6	2
Parker Avenue, 100	4,756	4,736	20	4	2
Hamilton Street, 100-200	3,820	3,820	-	4,6,8	4
S 5th Street, 000-100	3,387	3,387	-	4&6	2
N 2nd Street, 100	3,360	3,304	56	6	2
1st Street, 500	3,178	3,178	-	4&6	2&4
S 2nd Street, 1400	3,098	3,098	-	4&6	2
Butter Lane, 300-600	2,962	2,862	100	4,8	6
Chestnut Street, 900-1000	2,867	2,867	-	4&6	2&4
N 2nd Street, 500	2,612	2,601	11	6	2
Chew Street, 2800-3000	2,535	2,226	309	4&8	2 & 4
N Front Street, 2400-2600	2,500	2,500	-	4	2
N Hanover Street, 200-800	2,484	2,484	-	4&6	2
Hamilton Street, 1100-1200	2,423	2,423	-	3&6	4
E Main Street A'nd Spruce Street, 200	2,400	2,400	-	4	2
Winters Avenue, 600	2,227	330	1,897	6	2
E Cedar Street, 1900	2,209	2,209	-	8	2
Monocacy Street, 1500	2,194	2,194	-	4	2
St George Street, 100	2,174	1,905	269	2&4	2
N 27th, 300	2,164	2,164	-	4&8	2&4
Chipman Road, 3400	2,147	-	2,147	4	3 & 2
Winfield Terrace, 4200-4300	2,112	-	2,112	2	1.25
N Front Street, 1000-1400	2,109	2,109	-	3&6	2
College Drive, 2800	2,072	2,072	-	4&6	2

Appendix A
Cast Iron, Bare Steel, Wrought Iron
Replacement Projects Placed in Service
Calendar Year Ended December 31, 2014

PROJECT ADDRESS	TOTAL PIPE (BS, CI OR WI) ABANDONED (FT)	CAST IRON (FT)	BARE STEEL / WROUGHT IRON (FT)	RETIRED PIPE SIZE (IN.)	INSTALLED PIPE SIZE (IN.)
S Lime Street, 500-600	2,029	2,029	-	4	2
W Livingston Street, 1600	2,000	2,000	-	4&6	2
Daisy Street, 1600	1,993	1,993	-	4	2
Susquehanna Street, 300	1,979	1,979	-	3	2
6th Street, 400-500	1,960	1,960	-	4	2
Susquehanna Street, 1700	1,800	-	1,800	10	8
Poplar Street, 800-900	1,787	1,787	-	4	2
E Walnut Street, 100-300	1,787	1,787	-	4&6	2 & 8
E 9th Street, 400-500	1,750	1,385	365	4	2
N Plum Street, 200-300	1,750	366	1,384	Various	0
W North Street From College T'o Ce	1,730	1,730	-	4&6	2
Highland Avenue, 600-700	1,700	1,700	-	4	2
N 6th Street, 1400	1,631	1,631	-	8	6
Cherokee Street, 400	1,605	-	1,605	10	12
St Lawrence Avenue, 4200	1,576	-	1,576	4	8
Cedar Street, 800-900	1,542	1,492	50	4	2
Walnut Street, 200	1,498	1,498	-	Various	2
S 9th Street, 400	1,471	1,471	-	6	4
Cumberland Avenue, 2600-2700	1,388	1,388	-	4	2
Eaton Avenue, 2200	1,381	1,381	-	4	2
E Garrison Street, 100	1,376	1,376	-	4	2
State Street, 1300-1700	1,375	1,375	-	4	2
Butter Lane, 000-600	1,371	1,371	-	8	1,2,6
Carlton Avenue, 400-500	1,363	1,363	-	3&4	2
Guilford Street A'nd N 12th Street, 1	1,340	-	1,340	8	8

Appendix A
 Cast Iron, Bare Steel, Wrought Iron
 Replacement Projects Placed in Service
 Calendar Year Ended December 31, 2014

PROJECT ADDRESS	TOTAL PIPE (BS, CI OR WI) ABANDONED (FT)	CAST IRON (FT)	BARE STEEL / WROUGHT IRON (FT)	RETIRED PIPE SIZE (IN.)	INSTALLED PIPE SIZE (IN.)
Clearfield Street, 400	1,330	633	697	6	4
E Hamilton Street, 800-900	1,325	1,325	-	4&6	2, 4,6
W Berwick Street, 400	1,320	720	600	4	2
Hess Street, 400-600	1,314	938	376	4	2
Saucon Drive, 00-200	1,310	-	1,310	4	2
Harrison Street, 500	1,309	-	1,309	4	2
Rose Street, 300	1,301	1,298	3	12	0
W Berwick Street, 300	1,300	1,300	-	2	4
Maple Street, 1400-1500	1,278	1,278	-	4	2
Montrose Avenue, 1300-1400	1,272	1,272	-	4	2
E Walnut Street, 100-300	1,269	1,260	9	4	2
Linden Street, 1300	1,246	1,246	-	3,4	2
Madison Avenue, 1300-1400	1,233	1,233	-	4	2
W Steigel Street A'nd Veterans Alley	1,224	-	1,224	4	2
Main Street, 600-800	1,222	1,222	-	4	2
N 27th Street, 000	1,200	629	571	2	1.25
Chestnut Street, 1100	1,188	1,188	-	3&4	3
1st Avenue, 500	1,177	978	199	3	2
Godfrey Street, 700-800	1,102	1,102	-	4	2
N 21st Street, 700	1,096	1,096	-	4	2
S 8th Street, 700	1,096	1,096	-	4	2
N Lafayette Street, 500-600	1,094	1,094	-	4	2
S 10th Street, 200	1,075	1,075	-	4	2
N 4th Street, 800	1,062	1,062	-	4&10	6
N 11th Street, 1000	1,050	1,050	-	4	2

Appendix A
Cast Iron, Bare Steel, Wrought Iron
Replacement Projects Placed in Service
Calendar Year Ended December 31, 2014

PROJECT ADDRESS	TOTAL PIPE (BS, CI OR WI) ABANDONED (FT)	CAST IRON (FT)	BARE STEEL / WROUGHT IRON (FT)	RETIRED PIPE SIZE (IN.)	INSTALLED PIPE SIZE (IN.)
Dewey Avenue, 2200-2400	1,034	1,034	-	3&4	2
N 12th Street, 1000	1,030	1,030	-	4	2
Blue Ridge Drive, 1900	1,000	-	1,000	4	2
W Green Street, 100	996	996	-	2,3,4,8	2
S 16th Street, 300	996	996	-	4&6	2
Schuykill Avenue, 600-700	990	990	-	4&6	2
Reading Boulevard, 100	950	-	950	2	2
Warren Street, 000	932	932	-	4	2
Phillips Street, 1400	894	894	-	4	2
Cherokee Street, 800	884	-	884	10	8
S 14th Street, 100-200	871	871	-	4	2
Pike Street, 500	870	870	-	4	2
N Main Street, 400-600	867	867	-	6	2
Broadway Street, 1200-1300	866	-	866	10	8
2nd Avenue, 300	862	862	-	4	2
S Wyoming Street, 100	859	347	512	3&4	0
Fairview Avenue, 2000	850	850	-	4	2
E High Street, 400	836	-	836	3	6
Sheridan Drive, 700-800	800	-	800	4	1.25 & 8
Emerick Terrace, 4300	794	-	794	4	3
E Mountain Road, 200-400	793	-	793	2	2
Main Street, 800	783	753	30	4&6	4
Neversink Road, 100	782	-	782	2	1.25
Wood Street, 500-700	765	765	-	4	2
Locust Street, 200-300	760	460	300	3&4	1.25 & 2

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Cast Iron, Bare Steel, Wrought Iron
Replacement Projects Placed in Service
Calendar Year Ended December 31, 2014

PROJECT ADDRESS	TOTAL PIPE (BS, CI OR WI) ABANDONED (FT)	CAST IRON (FT)	BARE STEEL / WROUGHT IRON (FT)	RETIRED PIPE SIZE (IN.)	INSTALLED PIPE SIZE (IN.)
N Lumber Street, 400-500	750	750	-	4	2
Hampden Boulevard, 1100	742	742	-	4	2
Samuels Avenue, 300	730	-	730	4	2
Easton Road, 800-900	728	-	728	3	0
Oakwood Drive, 400	722	722	-	4	2
Gordon Street, 2100	709	709	-	4	2
Huckleberry Road, 2000	701	701	-	6	4
F Street Fr'om College T'o N West St	700	700	-	4	4
Maple Street, 1200	697	697	-	4	2
Woodward Street, 600-700	692	692	-	4	2
Warrior Lane, 000	689	689	-	4&6	2
Fleetwood Lyons Road, 1000	682	-	682	8	12
Woodbine Street, 300	680	680	-	4	2
S 11th St A't Park Avenue, 000	652	102	550	6	2
Centre Street, 1100-1200	652	652	-	4&8	2
N 6th Street, 1000-1100	650	650	-	8	6
Mixsell Street, 600	647	307	340	2&4	4
Porter Street, 200-300	646	646	-	2	4
N Mulberry Street, 300	640	640	-	4	2
Jefferson Street, 000	620	620	-	6	4
S Carlisle Street, 300	620	620	-	4	0
Bradley Street, 600	600	600	-	4	2
S 5th Street, 500	600	600	-	12&16	8
E Liberty Street, 300	600	600	-	Various	0
Main Street, 1900	594	-	594	2	2

Appendix A
Cast Iron, Bare Steel, Wrought Iron
Replacement Projects Placed in Service
Calendar Year Ended December 31, 2014

PROJECT ADDRESS	TOTAL PIPE (BS, CI OR WI) ABANDONED (FT)	CAST IRON (FT)	BARE STEEL / WROUGHT IRON (FT)	RETIRED PIPE SIZE (IN.)	INSTALLED PIPE SIZE (IN.)
Allen Street, 2200	590	590	-	4&8	2&4
Atlantic Street, 800	576	576	-	4&6	1.25 & 2
N Duke Street, 100	572	572	-	4	2
N 3rd Street, 100	561	-	561	2	1.25
Filmore Street, 300	556	529	27	3&6	2
Linden Avenue, 100	526	-	526	2	1.25
W Chestnut St Charlotte T'o Mulber	525	525	-	6	4
New Street, 300	519	-	519	2	1.25
S Lime Street, 300-400	512	512	-	4	6
Wayne Avenue, 1000	504	-	504	2	1.25
Inn Street, 600	504	411	93	8	1.25 & 4
Washington Street, 700	503	503	-	8	2&4
Tuckerton Road, 100	500	-	500	6	8
S Center Road, 700	500	-	500	8	12
Morgantown Road, 300	500	-	500	4	8
Paul Street, 1900	500	500	-	4	2
Butter Lane, 237	500	500	-	4	2
Buttonwood Street, 900-1200	500	500	-	3	2
Spengler Avenue, 200	495	-	495	2	1.25
N 6th Street, 1000-1100	491	491	-	4 & 6	8
Bellevue Avenue, 100	470	-	470	6	6
Linden Street, 1200	466	466	-	4	2
N Pearl Street, 000	465	-	465	2	1.25
Lawrence Avenue, 700	460	460	-	8	4
Minor Street, 300	452	452	-	8	4

Appendix A
Cast Iron, Bare Steel, Wrought Iron
Replacement Projects Placed in Service
Calendar Year Ended December 31, 2014

PROJECT ADDRESS	TOTAL PIPE (BS, CI OR WI) ABANDONED (FT)	CAST IRON (FT)	BARE STEEL / WROUGHT IRON (FT)	RETIRED PIPE SIZE (IN.)	INSTALLED PIPE SIZE (IN.)
Broad Street, 500	452	-	452	6	6
Hill Road, 700	450	-	450	8	8
S Jacob Street, 10	446	-	446	6	0
Church Street, 600	442	442	-	4	4
S 10th Street, 100	421	421	-	4	2
Hammaker Street, 000	420	-	420	2	1.25
N 8th Street, 300	416	416	-	4	2
New Holland Road, 900	406	-	406	4,6	4
S 18th Street, 100	400	400	-	4	4
5th Street, 2000	393	-	393	1.25	1.25
Schuykill Street A'nd North 7th Street	382	382	-	4	0
Kent Way, 100	368	-	368	2	1.25
S Dauphin Street, 000	365	365	-	4	2
Taylor Street, 400	360	360	-	4	8
Ritter Street, 800	359	359	-	4	2
Cherry Street, 100	350	350	-	4	2&4
S 5th Street, 100	350	-	350	3	1.25
Muir Avenue, 300	347	-	347	4	0
S 17th Street, 100	346	346	-	4	2
Dickinson Avenue, 2900-3000	333	-	333	2	1.25
E Court Street, 400	331	331	-	4	2
Pawnee Street, 1000	330	330	-	4	2
N Laurel Street, 50	326	194	132	6	2
Washington Street, 3600	325	-	325	2	1.25
Kossuth Street, 900	309	309	-	4&6	2

Appendix A
Cast Iron, Bare Steel, Wrought Iron
Replacement Projects Placed in Service
Calendar Year Ended December 31, 2014

PROJECT ADDRESS	TOTAL PIPE (BS, CI OR WI) ABANDONED (FT)	CAST IRON (FT)	BARE STEEL / WROUGHT IRON (FT)	RETIRED PIPE SIZE (IN.)	INSTALLED PIPE SIZE (IN.)
Eisenbrown Road, 3100	308	-	308	2	1.25
E Ettwein Street, 00	302	302	-	6	4
Bradley Street, 500	300	300	-	4	2
Campbelltown Road N O'f Rt 322, 00	290	-	290	4	4 & 2
22nd Street, 1000	288	-	288	2	1.25
Nissley Street, 200	277	272	5	4	0
W Grant Street, 300	276	-	276	4	0
E Raspberry Street, 000-100	273	273	-	4	2
Vista Drive, 2100	258	-	258	2	1.25
Aarons Place, 000	258	-	258	2	1.25
Brookdale Street, 000-100	250	-	250	2	1.25
Buttonwood Street, 1100	244	244	-	4	2
Washington Street, 400	232	-	232	2	1.25
Green Street, 1000	226	226	-	4&12	3
Wilson Street, 200	223	-	223	2,4	1.25
Gettysburg Road West O'f Saint John	209	-	209	2	1.25
Grant Street, 300	203	203	-	4	2
E New Street, 100	200	-	200	4	4
N Harrison Street, 200	188	-	188	2	1.25
Bethlehem Pike, 1100	164	-	164	8	2
Butler Street, 2400	160	160	-	6	0
4th Street, 2300	152	-	152	2	2
Main Street, 6200	150	-	150	6	6
Linden Street, 400	149	149	-	4	2
S 7th Street, 400	140	140	-	4	4

Appendix A
Cast Iron, Bare Steel, Wrought Iron
Replacement Projects Placed in Service
Calendar Year Ended December 31, 2014

PROJECT ADDRESS	TOTAL PIPE (BS, CI OR WI) ABANDONED (FT)	CAST IRON (FT)	BARE STEEL / WROUGHT IRON (FT)	RETIRED PIPE SIZE (IN.)	INSTALLED PIPE SIZE (IN.)
Hamilton Street, 700	132	132	-	Various	Various
Linden Street, 3700	115	-	115	2&4	1.25
Muir Avenue, 100	110	-	110	4	0
Elizabeth Avenue, 000	95	95	-	4,6,&8	4,6,&8
Summit Avenue, 800	90	-	90	2	1.25
N 6th Street, 1200-1400	89	89	-	4	2
S 18th Street A't State Street, 200	74	-	74	2	1.25
Howe Street, 1300	73	73	-	4	2
Park Ave A'nd South 11th Street, 100	72	-	72	6	2
Cherry Street, 000	70	70	-	8	N/A
N Robeson Street, 000	63	-	63	2	1.25
S Robeson Street, 000	60	-	60	2	1.25
Tilghman Street, 1600	55	55	-	4	2
N White Oak Street, 200	51	-	51	2	2
14th Street, 100	38	38	-	4	2
N Wyoming Street, 48	30	-	30	4	4
Chestnut Street, 300	22	22	-	6	6
Rhoda Street, 500	19	-	19	2	2
N 2nd Street A't North Street, 700	10	10	-	3	0
Northampton Street, 700-800	7	-	7	4	2
N 3rd Street, 200	5	5	-	6	0

Appendix B
Cast Iron, Bare Seel, Wrought Iron
2015 Replacement Projects

PROJECT ADDRESS	TOTAL PIPE (BS, CI OR WI) ABANDONED (FT)	CAST IRON (FT)	BARE STEEL / WROUGHT IRON (FT)	RETIRED PIPE SIZE (IN)	INSTALLED PIPE SIZE (IN)
2015 AHEAD OF PAVING PROJECTS	27,000	21500	5500	Various	Various
Van Buren Street, 1100	5,858	0	5858	4	n/a
Broadway Street, 900-1200	5,469	3061	2408	10	8
Manor St Fr'om New Dorwart Ave T'o West End Avenue, 600-1000	5,245	884	4361	4	2
Atkins Ave A'nd Hamilton Park Road, 000-500	4,835	4014	821	4&6	2
Zarker Street, 1800-2000	4,060	0	4060	4	2
Hamilton Avenue, 300	4,016	419	3597	4	2
Penn Avenue, 3700-5100	4,000	4000	0	8	12
S 4th Street, 000-400	3,700	0	3700	10	4
N 13th Street, 800-1200	3,687	0	3687	4 & 8	2 & 4
Reading Road, 2600-2900	3,560	1924	1636	2&8	6 & 8
Franklin Street, 00-600	3,455	471	2984	4&6	2
Bushkill Drive, 100-200	3,297	185	3112	6&8	2" & 8"
Walnut Street, 1100-1500	3,245	0	3245	6&12	n/a
N 12th Street, 500-900	2,792	0	2792	3&4	2
N 2nd Street, 100-300	2,743	0	2743	3,4	2
N Front St F'rom Strawberry T'o North Street, 100-600	2,700	0	2700	4	4
2nd Street, 2200	2,350	0	2350	4	2
N 6th Street A't Linglestown Rd T'o Houser Road, 41-4300	2,087	0	2087	6	4
Fullerton Avenue, 400-500	2,086	0	2086	4&6	2 & 4
Elm St A'nd Walnut Disbrow A'nd Carnation Street, 1600-1700	2,080	0	2080	4	2
All Street, 00	2,000	1000	1000	Various	Various
Main Street, 000	2,000	2000	0	8	8&12
N 13th Street, 1100-1400	1,982	0	1982	4	2
S 6th Street, 100	1,907	0	1907	4&12	2
Packer Street, 600-900	1,892	0	1892	8	4
N 17th Street A'nd Cmberland A'nd Verbeke Street, 1000-1300	1,891	0	1891	4	2
Center Street, 1000-1200	1,819	0	1819	4	2
E Cumberland Street, 700-1400	1,798	1798	0	4	8
N Club Avenue, 800	1,604	0	1604	4&6	n/a
E King Street Queen T'o Plum Street, 000-300	1,510	0	1510	6	4
N 4th Street, 000-200	1,500	0	1500	10	4
E Broad Street, 100	1,500	0	1500	3	2 & 4
State Route 422, 000	1,500	1500	0	12	12
E King Street Ann T'o Reservoir Street, 500-700	1,330	0	1330	6	4

Appendix B
Cast Iron, Bare Steel, Wrought Iron
2015 Replacement Projects

PROJECT ADDRESS	TOTAL PIPE (BS, CI OR WI) ABANDONED (FT)	CAST IRON (FT)	BARE STEEL / WROUGHT IRON (FT)	RETIRED PIPE SIZE (IN)	INSTALLED PIPE SIZE (IN)
N Broad Street, 800	1,330	395	935	4	2 & 4
Walnut Carnation A'nd 000blk N 18th Street, 1700-1800	1,318	0	1318	4	2 & 4
3rd Street, 1100-1200	1,285	0	1285	4,8	2&4
N 13th Street, 00-300	1,275	1275	0	4	1.25 & 8
Porter Street, 800	1,260	0	1260	4&6	2
W King St Charlotte T'o Queen Street, 000-300	1,235	0	1235	6	4
S 12th Street, 2000	1,204	1204	0	4	3
Oley Street, 700	1,200	0	1200	10	6
E Broad Street, 200-300	1,186	73	1113	1.25, 2, 3, 4	2
N 5th, 700	1,160	0	1160	4	2
S Front Street, 300	1,159	0	1159	6&16	2
Beth Bath Pike, 7400	1,147	1147	0	4	6
Elm Street, 500	1,130	0	1130	6	4
S Enola Drive, 200-300	1,130	1130	0	4	8
N Park Road, 300-700	1,113	1113	0	6	4
N 2nd Street, 200-400	1,100	0	1100	4	2
Buttonwood Street, 000	1,035	1035	0	8	8
West - GA Cost of Removal-Mains	1,000	600	400	Various	Various
W Andrew Street Strawberry T'o S Prince Street, 000	980	0	980	4&6	4
Bath Pike, 7200	970	970	0	6	6
Railroad Street, 100-200	930	0	930	4	2
E Chestnut St A'nd Grofftown Road, 900-1000	895	715	180	6	4
E James St Queen T'o Duke Street, 000	890	0	890	6	4
N 5th Street, 300-400	860	0	860	6	4
Weiser Street, 600-700	844	0	844	4	2
Locust Street, 000-200	825	0	825	4&6	2
Pine Street, 000-200	790	0	790	4	2
Forster Street, 400-500	760	200	560	4	2
Lafayette Street, 700	741	741	0	4	4
N Market Street A'nd 400blk Poplar Street, 500	725	725	0	6	2 & 4
N 14th Street, 200-300	709	278	431	3	n/a
4th Street, 1100	695	695	0	4	8
Washington Street, 900	695	0	695	8	4
Schuylkill Avenue, 700-800	680	0	680	6	2
Park Avenue E Clay T'o E New Street, 500	675	0	675	4	2

Appendix B
Cast Iron, Bare Steel, Wrought Iron
2015 Replacement Projects

PROJECT ADDRESS	TOTAL PIPE (BS, CI OR WI) ABANDONED (FT)	CAST IRON (FT)	BARE STEEL / WROUGHT IRON (FT)	RETIRED PIPE SIZE (IN)	INSTALLED PIPE SIZE (IN)
E Church Street, 00	670	0	670	6	4
S Law Street, 2000	640	640	0	2	1
W Buttonwood Street, 300	627	627	0	8	8
Green Street, 900	616	0	616	4	n/a
N Shippen St East King T'o Orange Street, 000	600	180	420	4	2
Wood Street, 200	586	0	586	4	2
Main Street, 00	574	0	574	4	2
Chestnut Street, 400	551	0	551	4	2
S 15th Street, 400	550	0	550	6&16	12
Prospect Street, 500-600	500	0	500	8	n/a
N 15th Street, 300	500	0	500	6	2
Elm Street, 400	500	0	500	10	12
Project 43 - State/Municipal AOP Projects	500	500	0	Various	Various
Northampton Street, 2000	490	0	490	4	2
S 6th Street, 500	484	0	484	6	6
Walnut Street, 400	473	473	0	4	2
S 15th Street, 100	452	0	452	4	6
5th Street	440	260	180	6&8	8
N Christian St East Walnut T'o Lemon Street, 300	425	425	0	2	1.25 & 2
S Enola Drive North Ave T'o Manor Avenue, 100	416	416	0	4	8
4th Street, 700	412	0	412	4	6
Paxton St A't Railroad Siding A'nd Paxton Creek, 800	400	400	0	12	8
Monroe Street, 600	400	0	400	4	6
N Park Road, 300-700	387	387	0	6	8
Rodney Street, 000	379	379	0	2	1
N Front Street, 700-900	370	370	0	6	8
N Park Road, 300-700	367	367	0	4	2
N 22nd Street, 1200	356	0	356	8	6
N 33rd Street, 1100	326	0	326	4&8	2&4
W Lafayette Street, 300-400	322	322	0	4&6	8
Church Street, 300-400	273	273	0	4	2
Elm St Fulton T'o West Walnut Street, 200	260	0	260	4	4
Catasauqua Road, 1800-2300	250	250	0	2,6,8	8
Walnut Street, 1000	250	0	250	3	4
Northampton Street, 2400	243	243	0	4	6

Appendix B
 Cast Iron, Bare Steel, Wrought Iron
 2015 Replacement Projects

PROJECT ADDRESS	TOTAL PIPE (BS, CI OR WI) ABANDONED (FT)	CAST IRON (FT)	BARE STEEL / WROUGHT IRON (FT)	RETIRED PIPE SIZE (IN)	INSTALLED PIPE SIZE (IN)
N Shippen Street Chestnut T'o Fulton Street, 200	240	240	0	4	4
E Walnut Street, 100	240	0	240	6	4
American Parkway	200	200	0	6	6
Marietta Pike A't Stoney Battery Road, 3000-3100	180	180	0	6	12
Whitehall Street, 600	150	0	150	4&10	2
N Park Road, 300-700	102	102	0	2	1
Main Street	100	100	0	8	8
COST OF REMOVAL MAINS - MISCELLANEOUS	100	100	0	Various	Various
N Cameron Street, 2000	75	25	50	Various	8
Nazareth Pike, 3276	50	50	0	5	6
Elm St West Chestnut T'o Fulton Street, 200	25	25	0	2	1