



**PHILADELPHIA GAS WORKS**

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December 20, 2017

**VIA FEDERAL EXPRESS**

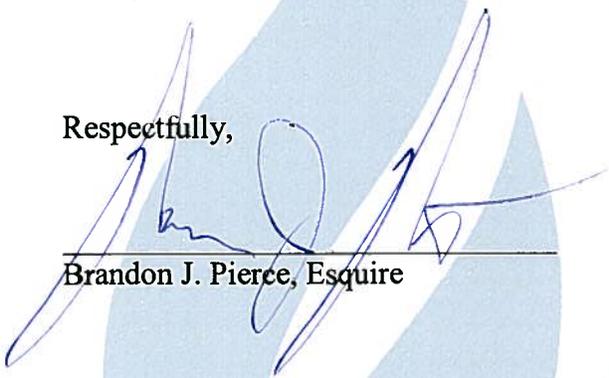
Rosemary Chiavetta, Secretary  
Pennsylvania Public Utility Commission  
Commonwealth Keystone Building  
2<sup>nd</sup> Floor, 1 North  
400 North Street  
Harrisburg, PA 17120

**Re: Philadelphia Gas Works (“PGW”) January 1, 2018 Quarterly Distribution System Improvement Charge (“DSIC”) Filing; Docket No. M-2017-XXXXXXX**

Dear Secretary Chiavetta:

Enclosed please find supporting schedules for Philadelphia Gas Works' ("PGW") January 1, 2018 Quarterly DSIC filing. The DSIC rate effective January 1, 2018, will decrease from 8.80% to 8.70%.<sup>1</sup> The filing includes updated Gas Service Tariff pages to reflect this change. Please do not hesitate to contact me with any questions.

Respectfully,



\_\_\_\_\_  
Brandon J. Pierce, Esquire

**Enclosures**

cc: Cert. of Service w/enc  
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<sup>1</sup> The Commission, through its July 6, 2016 Order at Docket No. P-2015-2501500, authorized PGW to increase its DSIC rate effective October 1, 2016 from 7.5% to 8.84%, for a two-year period to collect undercollections for the year ending December 31, 2015.

**CERTIFICATE OF SERVICE**

I hereby certify that this day I served a copy of PGW's Quarterly DSIC Filing 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 and EMAIL**

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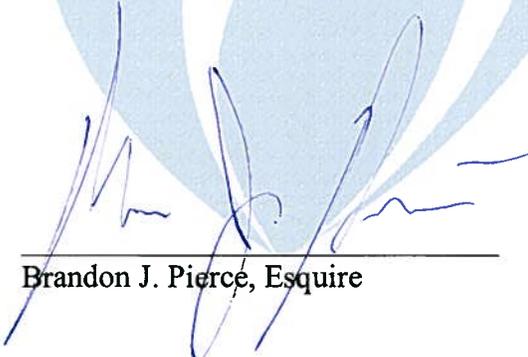
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Dated: December 20, 2017



\_\_\_\_\_  
Brandon J. Pierce, Esquire

PGW  
Gas Service Tariff  
Pa. P.U.C. No. 2

Supplement No. 108

## **PHILADELPHIA GAS WORKS**

### **GAS SERVICE TARIFF**



Issued by: Craig White  
President and CEO

PHILADELPHIA GAS WORKS  
800 West Montgomery Avenue  
Philadelphia, PA 19122

**List of Changes Made by this Tariff Supplement**

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Updated to reflect revised page numbers for each of the changes listed below on this page.

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The DSIC rate effective January 1, 2018, decreases from 8.80% to 8.70%. (The Commission, through its July 6, 2016 Order at Docket No. P-2015-2501500, authorized PGW to increase its DSIC rate effective October 1, 2016 from 7.5% to 8.84%, for a two-year period to collect undercollections for the year ending December 31, 2015).

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## DISTRIBUTION SYSTEM IMPROVEMENT CHARGE (DSIC)

In addition to the net charges provided for in this Tariff, for service rendered on or after January 1, 2018, a charge of 8.70% will apply consistent with the Commission Order dated May 9, 2013, at Docket No. P-2012-2337737 approving the DSIC and the Commission Orders dated January 28, 2016, and July 6, 2016, at Docket No. P-2015-2501500 modifying the terms and conditions of the DSIC.

(D)

### 1. General Description

**A. Purpose:** To recover the reasonable and prudent costs incurred to repair, improve, or replace eligible property which is completed and placed in service and recorded in the individual accounts, as noted below, between base rate cases and to provide the Utility with the resources to accelerate the replacement of aging infrastructure, to comply with evolving regulatory requirements. The costs of extending facilities to serve new customers are not recoverable through the DSIC.

**B. Eligible Property:** The DSIC-eligible property will consist of the following:

- Piping (account 376);
- Couplings (account 376);
- Gas services lines (account 380) and insulated and non-insulated fittings (account 378);
- Valves (account 376);
- Excess flow valves (account 376);
- Risers (account 376);
- Meter bars (account 382);
- Meters (account 381);
- Unreimbursed costs related to highway relocation projects where a natural gas distribution company or city natural gas distribution operation must relocate its facilities; and
- Other related capitalized costs.

**C. Effective Date:** The initial DSIC will become effective upon one (1) day notice after submission of a compliance tariff in compliance with commission order.

### 2. Computation of the DSIC

**A. Calculation:** The initial DSIC shall be calculated to recover the fixed costs of eligible plant additions that have not previously been reflected in the Utility's rates and have been or are projected to be placed in service in the calendar year in which the DSIC is charged. The DSIC charge shall be leveled so that, on an annual basis, it will collect the recoverable costs for eligible plant additions that have been or are anticipated to be placed in service during the calendar year. DSIC charges shall be reconciled and may be adjusted on a calendar quarter basis for: 1) actual experienced sales volumes; and 2) revisions to projected DSIC eligible capital expenditures.

(D) – Decrease

# Supporting Schedules

**PHILADELPHIA GAS WORKS  
 JANUARY 1, 2018 - QUARTERLY FILING  
DISTRIBUTION SYSTEM IMPROVEMENT CHARGE (DSIC)**

Projected Recoverable Annual Costs (DSI)	\$	<u>33,000,000</u>
2016 Annual Reconciliation (e)	\$	<u>6,257,642</u> (Page 2)
Total Recoverable Costs (DSI + e)	\$	<u>39,257,642</u>
Projected Annual Revenues (PAR)	\$	<u>477,583,315</u> (Page 4)
Distribution System Improvement Charge (DSIC)		<u>7.50%*</u>
*(DSIC calculation exceeds 7.50% but PGW is limited to 7.50%)		
<b><u>Recovery of \$5.7 Million From 2015 Under-Collection (PUC Order 7-6-16)</u></b>		
2015 Annual Reconciliation (e) / 2	\$	<u>5,719,055</u> (Page 3)
Projected Annual Revenues (PAR)	\$	<u>477,583,315</u> (Page 4)
Distribution System Improvement Charge (DSIC)		<u>1.20%</u>
<b><u>Total Distribution System Improvement Charge (DSIC)</u></b>		<b><u>8.70%</u></b>

**Formula:** The formula for calculation of the DSIC is as follows:

$$\text{DSIC} = \frac{\text{DSI} + \text{e}}{\text{PAR}}$$

Where:

- DSI = Projected recoverable annual costs
- e = The amount calculated under the annual reconciliation feature or Commission audit.
- PAR = Projected annual revenues for distribution service (including all applicable clauses and riders) including any revenue from existing customers plus netted revenue from any customers which will be gained or lost by the beginning of the applicable service period.

**PHILADELPHIA GAS WORKS**  
**2016 DISTRIBUTION SYSTEM IMPROVEMENT CHARGE (DSIC) RECONCILIATION**

	DSIC Revenue Billed			DSIC Recoverable Costs	DSIC Revenue Billed		Interest Weighting	Interest Rate*	Interest**
	Total DSIC Revenue Billed	Allocated to Over / (Under) Collection	Over / (Under) Collection Balance		Allocated to Recoverable Costs	Over/(Under) Collection			
	(1)	(2)	(3)	(4)	(5 = 1 - 2)	(6 = 5 - 4)	(7)	(8)	(9)
<b>Month</b>									
January 16	\$ 2,778,674		\$ -		\$ 2,778,674	\$ 2,778,674	21	5.25%	\$ 255,291
February	\$ 4,122,896		\$ -		\$ 4,122,896	\$ 4,122,896	20	5.00%	\$ 343,575
March	\$ 3,804,364		\$ -		\$ 3,804,364	\$ 3,804,364	19	5.00%	\$ 301,179
<b>2015 Under Collection</b>			<b>\$ (11,438,110)</b>						
April	\$ 2,712,898		\$ (11,438,110)		\$ 2,712,898	\$ 2,712,898	18	4.75%	\$ 193,294
May	\$ 1,893,201		\$ (11,438,110)	\$ 3,269,674	\$ 1,893,201	\$ (1,376,473)	17	4.75%	\$ (92,625)
June	\$ 1,305,160		\$ (11,438,110)		\$ 1,305,160	\$ 1,305,160	16	4.75%	\$ 82,660
July	\$ 1,060,862		\$ (11,438,110)		\$ 1,060,862	\$ 1,060,862	15	4.75%	\$ 62,989
August	\$ 996,516		\$ (11,438,110)	\$ 11,850,923	\$ 996,516	\$ (10,854,407)	14	4.50%	\$ (569,856)
September	\$ 1,034,016		\$ (11,438,110)		\$ 1,034,016	\$ 1,034,016	13	4.25%	\$ 47,608
October	\$ 1,305,535	\$ 197,898	\$ (11,240,212)		\$ 1,107,637	\$ 1,107,637	12	4.50%	\$ 49,844
November	\$ 2,462,916	\$ 373,338	\$ (10,866,874)	\$ 1,869,530	\$ 2,089,578	\$ 220,048	11	4.50%	\$ 9,077
December	\$ 4,515,857	\$ 684,530	\$ (10,182,344)	\$ 16,004,644	\$ 3,831,327	\$ (12,173,317)	10	4.75%	\$ (481,860)
<b>Totals</b>	<b>\$ 27,992,896</b>	<b>\$ 1,255,766</b>		<b>\$ 32,994,771</b>	<b>\$ 26,737,129</b>	<b>\$ (6,257,642)</b>			<b>\$ 201,173</b>
<b>2016 Under Collection</b>			<b>\$ (16,439,986)</b>						

\* Maximum Lawful Rate of Interest for Residential Mortgages for the month posted in the Pennsylvania Bulletin

\*\* Interest is not recoverable in net under-collections

**PHILADELPHIA GAS WORKS  
2015 DISTRIBUTION SYSTEM IMPROVEMENT CHARGE (DSIC) RECONCILIATION**

<u>Month</u>	<u>DSIC Revenue Billed Allocated to</u>			<u>DSIC Recoverable Costs</u>	<u>DSIC Revenue Billed Allocated to Recoverable Costs</u>			<u>Interest Weighting</u>	<u>Interest Rate*</u>	<u>Interest**</u>
	<u>Total DSIC Revenue Billed</u>	<u>Over / (Under) Collection</u>	<u>Over / (Under) Collection Balance</u>		<u>Allocated to Recoverable Costs</u>	<u>Over/(Under) Collection</u>				
	<u>(1)</u>	<u>(2)</u>	<u>(3)</u>	<u>(4)</u>	<u>(5 = 1 - 2)</u>	<u>(6 = 5 - 4)</u>	<u>(7)</u>	<u>(8)</u>	<u>(9)</u>	
January 15	\$ 2,419,579	\$ -	\$ -	\$ 786,761 (a)	\$ 2,419,579	\$ 1,632,818	21	5.25%	\$ 150,015	
February	\$ 1,772,081	\$ -	\$ -	\$ 786,761 (a)	\$ 1,772,081	\$ 985,320	20	5.00%	\$ 82,110	
March	\$ 1,655,303	\$ -	\$ -	\$ 786,761 (a)	\$ 1,655,303	\$ 868,542	19	4.75%	\$ 65,322	
<b>2014 Under Collection</b>			<b>\$ (1,339,069)</b>							
April	\$ 983,528	\$ 145,274	\$ (1,193,795)	\$ 644,033 (b)	\$ 838,254	\$ 194,222	18	4.75%	\$ 13,838	
May	\$ 458,174	\$ 67,675	\$ (1,126,120)	\$ 644,033 (b)	\$ 390,499	\$ (253,534)	17	4.75%	\$ (17,061)	
June	\$ 325,740	\$ 48,114	\$ (1,078,006)	\$ 644,033 (b)	\$ 277,626	\$ (366,407)	16	4.75%	\$ (23,206)	
July	\$ 268,558	\$ 48,757	\$ (1,029,249)	\$ 503,955 (c)	\$ 219,801	\$ (284,154)	15	5.00%	\$ (17,760)	
August	\$ 226,885	\$ 41,191	\$ (988,057)	\$ 503,955 (c)	\$ 185,694	\$ (318,261)	14	5.14%	\$ (19,085)	
September	\$ 222,845	\$ 40,458	\$ (947,600)	\$ 503,955 (c)	\$ 182,387	\$ (321,568)	13	5.14%	\$ (17,906)	
October	\$ 584,249	\$ 35,528	\$ (912,071)	\$ 1,763,581 (d)	\$ 548,720	\$ (1,214,861)	12	5.00%	\$ (60,743)	
November	\$ 1,268,886	\$ 77,161	\$ (834,910)	\$ 11,440,057 (d&e)	\$ 1,191,725	\$ (10,248,332)	11	5.00%	\$ (469,715)	
December	\$ 1,830,267	\$ 111,299	\$ (723,611)	\$ 3,107,253 (d&f)	\$ 1,718,968	\$ (1,388,285)	10	5.00%	\$ (57,845)	
<b>Totals</b>	<b>\$ 12,016,096</b>	<b>\$ 615,458</b>		<b>\$ 22,115,137</b>	<b>\$ 11,400,638</b>	<b>\$ (10,714,499)</b>			<b>\$ (372,036)</b>	
<b>2015 Under Collection</b>			<b>\$ (11,438,110)</b>							

\* Maximum Lawful Rate of Interest for Residential Mortgages for the month posted in the Pennsylvania Bulletin

\*\* Interest is not recoverable in net under-collections

- (a) \$ 2,360,282 recoverable costs in 1-1-15 DSIC quarterly filing divided by 3 months
- (b) \$ 1,932,098 recoverable costs in 4-1-15 DSIC quarterly filing divided by 3 months
- (c) \$ 1,511,865 recoverable costs in 7-1-15 DSIC quarterly filing divided by 3 months
- (d) \$ 5,290,744 recoverable costs in 10-1-15 DSIC quarterly filing divided by 3 months
- (e) \$ 9,676,476 recoverable costs placed in service in November 2015 and 1/3 of these costs were included in the January, 2016 rate
- (f) \$ 1,343,672 recoverable costs for December 2015 and not included in the 2016 rate

**PHILADELPHIA GAS WORKS**  
**JANUARY 1, 2018 DSIC FILING**  
**Annual Tariff Revenue**

	1st Quarter Filing 12/1/2017			December 1, 2017 PUC Approved Tariff Rates						Amounts in \$000s						
	No. of Customers	No. of Annual Bills	Annual Deliveries (mcf)	Monthly Cust. Charge	OPEB	Univ. Service Charge	Efficiency Cost Recovery Charge	Restructuring & Consumer Education Charge	Delivery Charge	Cust. Charge Revenue	OPEB Revenue	Univ. Service Charge Revenue	Efficiency Cost Recovery Revenue	Restructuring & Consumer Education Revenue	Delivery Charge Revenue	Total Distribution Revenue
<b>1 Non-Heating:</b>																
2 Residential	17,932	215,180	380,166	\$13.75	\$0.3785	\$1.4845	\$0.0225	\$0.0077	\$6.6967	2,959	144	564	9	3	2,546	6,224
3 Commercial	3,334	40,012	849,270	\$23.40	\$0.3785	\$1.4845	\$0.0472	\$0.0077	\$4.8651	936	321	1,261	40	7	4,132	6,697
4 Industrial	106	1,272	103,226	\$70.00	\$0.3785	\$1.4845	\$0.0256	\$0.0077	\$4.7698	89	39	153	3	1	492	777
5 Municipal/MS	83	996	101,650	\$23.40	\$0.3785	\$1.4845	-	\$0.0077	\$4.2723	23	38	151	0	1	434	648
6 NGV	3	36	1,718	\$35.00	\$0.3785	\$1.4845	-	\$0.0077	\$1.2833	1	1	3	0	0	2	7
7 <i>Total Non-Heat Firm</i>	21,458	257,496	1,436,029							4,009	544	2,132	51	11	7,606	14,353
8																
<b>9 Heating:</b>																
10 Residential	457,381	5,488,569	34,562,252	\$13.75	\$0.3785	\$1.4845	\$0.0225	\$0.0077	\$6.6967	75,468	13,082	51,308	778	266	231,453	372,354
11 Commercial	17,899	214,784	6,163,344	\$23.40	\$0.3785	\$1.4845	\$0.0472	\$0.0077	\$4.8651	5,026	2,333	9,149	291	47	29,985	46,832
12 Industrial	398	4,776	294,560	\$70.00	\$0.3785	\$1.4845	\$0.0256	\$0.0077	\$4.7698	334	111	437	8	2	1,405	2,298
13 Municipal/MS	394	4,726	501,414	\$23.40	\$0.3785	\$1.4845	-	\$0.0077	\$4.2723	111	190	744	0	4	2,142	3,191
14 PHA Rate 8	219	2,628	52,230	\$23.40	\$0.3785	\$1.4845	\$0.0472	\$0.0077	\$5.0163	61	20	78	2	0	262	424
15 PHA/GS	2,013	24,156	184,493	\$13.75	\$0.3785	\$1.4845	\$0.0225	\$0.0077	\$5.7105	332	70	274	4	1	1,054	1,735
16 <i>Total Heat Firm</i>	478,303	5,739,639	41,758,292							81,332	15,806	61,990	1,083	322	266,301	426,833
<b>17 Total Heat &amp; Non-Heat Firm</b>	<b>499,761</b>	<b>5,997,135</b>	<b>43,194,321</b>							<b>85,341</b>	<b>16,349</b>	<b>64,122</b>	<b>1,134</b>	<b>333</b>	<b>273,908</b>	<b>441,186</b>
18																
<b>19 Firm Transport</b>																
<b>20 Non-Heating:</b>																
21 Residential	43	516	1,681	\$13.75	\$0.3785	\$1.4845	\$0.0225	\$0.0077	\$6.6967	7	1	2	0	0	11	22
22 Commercial	612	7,340	493,668	\$23.40	\$0.3785	\$1.4845	\$0.0472	\$0.0077	\$4.8651	172	187	733	23	4	2,402	3,520
23 Industrial	36	432	161,961	\$70.00	\$0.3785	\$1.4845	\$0.0256	\$0.0077	\$4.7698	30	61	240	4	1	773	1,110
24 Municipal/MS	181	2,172	60,332	\$23.40	\$0.3785	\$1.4845	-	\$0.0077	\$4.2723	51	23	90	0	0	258	421
25 NGV	1	12	4,815	\$35.00	\$0.3785	\$1.4845	-	\$0.0077	\$1.2833	0	2	7				
26 <i>Total Non Heat FT</i>	873	10,472	722,456							260	273	1,072	27	6	3,443	5,073
27																
<b>28 Heating:</b>																
29 Residential	652	7,824	159,458	\$13.75	\$0.3785	\$1.4845	\$0.0225	\$0.0077	\$6.6967	108	60	237	4	1	1,068	1,477
30 Commercial	2,543	30,510	3,154,465	\$23.40	\$0.3785	\$1.4845	\$0.0472	\$0.0077	\$4.8651	714	1,194	4,683	149	24	15,347	22,111
31 Industrial	69	828	329,834	\$70.00	\$0.3785	\$1.4845	\$0.0256	\$0.0077	\$4.7698	58	125	490	8	3	1,573	2,257
32 Municipal/MS	198	2,376	389,303	\$23.40	\$0.3785	\$1.4845	-	\$0.0077	\$4.2723	56	147	578	0	3	1,663	2,447
33 PHA	742	8,904	422,523	\$13.75	\$0.3785	\$1.4845	-	\$0.0077	\$5.0163	122	160	627	0	3	2,119	3,032
34 <i>Total Heat FT</i>	4,204	50,442	4,455,582							1,058	1,686	6,614	161	34	21,771	31,324
35 <i>Total FT</i>	<b>5,076</b>	<b>60,914</b>	<b>5,178,038</b>							<b>1,318</b>	<b>1,960</b>	<b>7,687</b>	<b>188</b>	<b>40</b>	<b>25,214</b>	<b>36,397</b>
36																
37 <b>Total PGW</b>	<b>504,837</b>	<b>6,058,049</b>	<b>48,372,359</b>							<b>86,659</b>	<b>18,309</b>	<b>71,809</b>	<b>1,322</b>	<b>372</b>	<b>299,121</b>	<b>477,583</b>

**PHILADELPHIA GAS WORKS**  
**DISTRIBUTION SYSTEM IMPROVEMENT CHARGE (DSIC)**  
**2017 REVENUE & RECOVERABLE COSTS - YTD**

<u>Month</u>		<u>Total DSIC</u> <u>Revenue Billed</u>	<u>DSIC Recoverable</u> <u>Costs</u>
January 17	Actual	\$ 6,291,001	\$ -
February	Actual	\$ 5,197,101	\$ -
March	Actual	\$ 4,706,903	\$ -
April	Actual	\$ 3,690,718	\$ -
May	Actual	\$ 1,843,437	\$ -
June	Actual	\$ 1,500,801	\$ -
July	Actual	\$ 1,260,353	\$ -
August	Actual	\$ 1,204,284	\$ 2,005,290
September	Actual	\$ 1,278,961	\$ -
October	Actual	\$ 1,316,978	\$ -
November	Actual	\$ 2,484,193	\$ 19,381,214

**PHILADELPHIA GAS WORKS  
JANUARY 1, 2018 - QUARTERLY FILING  
DISTRIBUTION SYSTEM IMPROVEMENT CHARGE (DSIC)**

**RECOVERABLE COSTS - 9/1/17 to 11/30/17**

FERC Account #	PGW Project #	Location	Type	Cost			
				Sep-17	Oct-17	Nov-17	Total
376	411340	3400 Keim, 3400 Tampa, 3400 Crystal, 3400 E, 3300-3400 Rorer, 500 Ontario	8" (LP / IP)	\$ -	\$ -	\$ 569,923	\$ 569,923
376	411325	100-200 W. Springfield, 7700-7800 Crefeld, 200 W. Willow Grove, 7900-8300 Seminole	12" & Larger (HP)	\$ -	\$ -	\$ 1,448,115	\$ 1,448,115
376	411326	Market - JFK Blvd to 32nd St, 32nd - Powelton to Market	12" & Larger (HP)	\$ -	\$ -	\$ 1,104,350	\$ 1,104,350
376	411327	1300-1700 W. Wingohocking, 4500 N. Carlisle 4400 N. Bancroft, 4400 N. Chadwick, 4400 N. 17th, 1700 Blavis	8" (LP / IP), 12" & Larger (HP), 12" & Larger (LP)	\$ -	\$ -	\$ 2,312,179	\$ 2,312,179
376	411334	5700-5800 N. 16th (West), 5700 Virginian, 5700 N. 17th, 5700 Ogontz, 1600-1800 Grange, 1600-1900 Conlyn	8" (LP / IP)	\$ -	\$ -	\$ 1,464,536	\$ 1,464,536
376	411337	3500 N. 5th, 500-600 Rising Sun, 3800 Reese, 3800 Fairhill, 500-600 Butler, 3700 N. 6th, 3700 Randolph, 3700 N. 5th 400-500 W. Erie	8" (LP / IP), 12" & Larger (LP)	\$ -	\$ -	\$ 823,435	\$ 823,435
376	411338	300-500 W. Erie, 200-400 Sedgley, 3600 N. 3rd, 3500-3600 Lawrence, 400-500 Venango, 400-500 Erie, 3400-3500 N. 5th, 3500 Randolph, 500 Tioga	8" (LP / IP), 12" & Larger (LP)	\$ -	\$ -	\$ 1,850,463	\$ 1,850,463
376	411339	600-700 Westmoreland, 600 Willard, 600 Hilton, 3200 Tampa, 3200 Keim, 3200 F, 700 Madison, 700 Willard, 600-700 Allegheny, 3100 E, 600 Wishart, 3100 F	8" (LP / IP)	\$ -	\$ -	\$ 1,534,958	\$ 1,534,958
376	411341	Tioga at B and C Sts, H St - Allegheny to Tioga, Ontario St - H to Kensington, I St - Ontario to Venango	12" & Larger (HP)	\$ -	\$ -	\$ 3,215,047	\$ 3,215,047
376	411342	1100-1200 Venango, 1800 Tioga	8" (LP / IP), 12" & Larger (LP)	\$ -	\$ -	\$ 2,622,984	\$ 2,622,984
376	411355	2100-2200 W. Ontario, 3400 N. 23rd, 3600 N. 21st, 2100 Pacific, 2200 Estaugh 2000-2100 W. Venango	8" (LP / IP), 12" & Larger (LP)	\$ -	\$ -	\$ 2,388,226	\$ 2,388,226
376	411304	Adjustment for Period Ending 08/31/2017- 4700-5000 Mascher, 4500-4600 Rising Sun (Rehab - Starliner)	12" & Larger (HP)	\$ -	\$ -	\$ 46,995	\$ 46,995

**Recoverable Costs (DSIC) \$ - \$ - \$ 19,381,214 \$ 19,381,214**