

VIA e-Filing

June 20, 2019

Rosemary Chiavetta, Secretary
Commonwealth of Pennsylvania
Pennsylvania Public Utility Commission
Commonwealth Keystone Building
400 North Street
Harrisburg, PA 17120

**Re: Pennsylvania-American Water Company
Wastewater Operations DSIC filing effective July 1, 2019**

Dear Secretary Chiavetta:

Attached please find Supplement No. 13 to Tariff Wastewater PA P.U.C. No. 16 for Pennsylvania-American Water Company which bears the issue date of June 20, 2019, filed in accordance with the Pennsylvania Public Utility Commission Order at Docket No. P-2014-2431005, entered December 4, 2014.

If you have any questions, please contact me.

Sincerely,



Susan Simms Marsh

eth

Attachment

cc. Office of Consumer Advocate
Bureau of Investigation and Enforcement
Office of Small Business Advocate
Bureau of Technical Utility Services
Marie Intrieri (Bureau of Technical Utility Services)
Audit Bureau

**PENNSYLVANIA-AMERICAN WATER COMPANY
Wastewater Division
(hereinafter referred to as the "Company")
D/B/A
Pennsylvania American Water**

RATES, RULES AND REGULATIONS

GOVERNING THE FURNISHINGS OF

WASTEWATER COLLECTION AND DISPOSAL SERVICE

IN CERTAIN MUNICIPALITIES AND TERRITORIES LOCATED IN:

ADAMS COUNTY, ALLEGHENY COUNTY, BEAVER COUNTY, CHESTER COUNTY,
CLARION COUNTY, CUMBERLAND COUNTY, LACKAWANNA COUNTY, MONROE COUNTY,
NORTHUMBERLAND COUNTY, PIKE COUNTY, WASHINGTON COUNTY AND YORK COUNTY

ALL IN THE COMMONWEALTH OF PENNSYLVANIA

Issued: June 20, 2019

Effective: July 1, 2019

Issued by:
Jeffery McIntyre, President
Pennsylvania American Water
852 Wesley Drive
Mechanicsburg, PA 17055

<https://www.amwater.com/paaw/>

NOTICE

**This tariff supplement increases the Distribution System Improvement Charge
(Refer to page 18.1)**

LIST OF CHANGES

This tariff supplement increases the Wastewater Distribution System Improvement Charge (DSIC) on page 18.1 (3rd Revision) of the Company's tariff from 0.70% to 1.25%, effective July 1, 2019, in accordance with the Pennsylvania Public Utility Commission Order at Docket No. P-2014-2431005.

PENNSYLVANIA-AMERICAN WATER COMPANY

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(C) means Change

PENNSYLVANIA-AMERICAN WATER COMPANY

SCHEDULE OF RATES

DISTRIBUTION SYSTEM IMPROVEMENT CHARGE

In addition to the net charges provided for in this Tariff, a charge of 1.25% will apply to bills rendered on (I) or after the Effective Date shown on the bottom of this page.

This Charge will be applicable to:

Rate Zone 1 – Coatesville, Claysville, Clarion, Pocono, Northeast (Lehman Pike including Winona Lakes, Blue Mountain Lakes and Clean Treatment) Districts.

The above charge will be recomputed quarterly using the elements prescribed by the Commission as shown on pages 18.2, 18.3 and 18.4 of this tariff.

(I) means Increase,

WASTEWATER DISTRIBUTION SYSTEM IMPROVEMENT CHARGE

PA AMERICAN WATER

July 1, 2019

Applicable to :

Rate Zone 1 Districts - Coatesville, Claysville, Clean Treatment,
Clarion, Pocono, Lehman Pike, Winona Lakes, and Blue Mountain

**PENNSYLVANIA AMERICAN WATER
WASTEWATER DISTRIBUTION SYSTEM IMPROVEMENT CHARGE
PAGE 1**

DESCRIPTION	SURCHARGE EFFECTIVE July 1, 2019
APPLICABLE NET ADDITIONS	\$2,003,512
LESS:	
ACCUMULATED DEPRECIATION	(14,295)
RETIREMENTS	42,283
NET RATE BASE INCLUDED IN DISTRIBUTION SYSTEM IMPROVEMENT CALCULATIONS	(DSI) 2,031,500
ANNUAL REVENUE REQUIREMENT RATE	9.69%
QUARTERLY REVENUE REQUIREMENT RATE	(PTRR) 2.42%
QUARTERLY CAPITAL COST RECOVERY	(DSI X PTRR) 49,162
QUARTERLY DEPRECIATION EXPENSE	(DEP) 8,819
REVENUE REQUIREMENT PRIOR TO ANNUAL RECONCILIATION AND PRIOR YEAR E FACTOR	57,981
ANNUAL RECONCILIATION	(e) 0
RECONCILIATION OF PRIOR YEAR E FACTOR	0
REVENUE REQUIREMENT FOR ANNUAL RECONCILIATION AND PRIOR YEAR E FACTOR	0
TOTAL QUARTERLY DISTRIBUTION SYSTEM IMPROVEMENT CHARGE REVENUE REQUIREMENT	57,981
MONTHLY RECOVERABLE AMOUNT FOR REVENUE REQUIREMENT	19,327
MONTHLY RECOVERABLE AMOUNT FOR ANNUAL RECONCILIATION AND PRIOR YEAR E FACTOR	0
BASE RATE REVENUE TO BE COLLECTED DURING JULY THROUGH SEPTEMBER	(PQR) 4,636,565
CURRENT YEAR DISTRIBUTION SYSTEM IMPROVEMENT CHARGE	1.25%
ANNUAL RECONCILIATION AND PRIOR YEAR E FACTOR CHARGE	0.00%
DISTRIBUTION SYSTEM IMPROVEMENT CHARGE	(DSIC) 1.25%

TYPE	AMOUNT (\$000)	CAPITAL STRUCTURE	COST RATE	WEIGHTED AVERAGE COST RATE	REVENUE MULTIPLIER	REVENUE REQUIREMENT
DEBT	\$1,671,549	46.88%	4.83%	2.27%		2.27%
PREFERRED	4,052	0.11%	8.68%	0.01%	1.40631	0.01%
EQUITY	1,889,941	53.01%	9.95%	5.27%	1.40631	7.41%
TOTAL	\$3,565,542	100.00%		7.55%		9.69%

REVENUE MULTIPLIER BASED UPON CURRENTLY EFFECTIVE TAX RATES USED IN COMPANY'S MOST RECENT RATE FILING. EQUITY COST RATE TAKEN FROM COMMISSION'S MOST RECENT QUARTERLY EARNINGS REPORT. DEBT AND PREFERRED COST RATES AND CAPITAL STRUCTURE BASED UPON INFORMATION AS OF: May 31, 2019 PREFERRED STOCK AND DEBT FIGURES DO NOT REFLECT THE REQUIREMENTS OF FAS150.

ANTICIPATED REVENUES

July 2019	\$1,557,186
August	\$1,574,683
September	\$1,504,696
TOTAL	<u>\$4,636,565</u>

PENNSYLVANIA AMERICAN WATER
WASTEWATER DISTRIBUTION SYSTEM IMPROVEMENT CHARGE
PAGE 2

STATE ACCOUNT	DESCRIPTION	JANUARY 2019	FEBRUARY 2019	MARCH 2019	APRIL 2019	MAY 2019	TOTAL
360000	Mains - Force	\$272,566	\$259,442	\$50,119	(\$2,433)	\$625,079	\$1,204,773
361100	Mains - Gravity	504,388	43,949	112,915	33,665	74,893	769,810
361200	Manholes						-
363000	Service Laterals	2,051	2,300	17,901	19,404	29,557	71,213
364000	Flow Measuring Devices						-
365000	Flow Measuring Installs						-
	ADDITIONS	779,004	305,691	180,935	50,636	729,529	2,045,795
	RETIREMENTS	(42,283)	-	-	-	-	(42,283)
	NET ADDITIONS	\$736,722	\$305,691	\$180,935	\$50,636	\$729,529	\$2,003,512

RETIREMENTS	JANUARY 2019	FEBRUARY 2019	MARCH 2019	APRIL 2019	MAY 2019	TOTAL
360000	\$42,283					\$42,283
361000						-
363000						-
364000						-
365000						-
	\$42,283	\$0	\$0	\$0	\$0	\$42,283

PENNSYLVANIA AMERICAN WATER
WASTEWATER DISTRIBUTION SYSTEM IMPROVEMENT CHARGE
PAGE 3

STATE ACCOUNT	DESCRIPTION	DEPRECIATION RATE	JANUARY 2019	FEBRUARY 2019	MARCH 2019	APRIL 2019	MAY 2019	TOTAL
360000	Mains - Force	1.82%	\$1,240	\$1,180	\$228	-\$11	\$2,844	\$ 5,481
361100	Mains Gravity	1.45%	1,828	159	409	122	271	\$ 2,789
361200	Manholes	2.10%	0	0	0	0	0	\$ -
363000	Service Laterals	3.08%	16	18	138	149	228	\$ 549
364000	Flow Measuring Devices	7.13%	0	0	0	0	0	\$ -
365000	Flow Measuring Installs	3.47%	0	0	0	0	0	\$ -
	APPLICABLE DEPRECIATION							
	FIRST QTR 2019		3,084	1,357				4,441
	SECOND QTR 2019		3,084	1,357	775	260	3,343	8,819
	ACCUMULATED DEPRECIATION		\$6,168	\$2,714	\$1,550	\$520	\$3,343	\$ 14,295

Pennsylvania-American Water Company - Total
Schedule of Debt
May 31, 2019

Date of Issue	Date of Maturity	Amount Issued	Amount Outstanding	Coupon Rate	Annual Interest	Note #	Issuance Expense	Net Proceeds	Net Proceeds Ratio	Sinking Requirement	Percent to Total	Effective Cost Rate (1)	Weighted Cost Rate
Bonds and Notes													
11/1/2003	11/1/2033	\$38,000,000	\$38,000,000	6.78%	\$2,576,400		\$174,946	\$37,825,054	99.54%		2.27%	6.82%	0.1550%
9/1/2006	9/1/2026	150,000,000	150,000,000	7.80%	11,700,000		2,069,648	\$147,930,352	98.62%		8.97%	7.94%	0.7125%
1/15/2006	1/15/2021	20,000,000	20,000,000	9.69%	1,938,000		116,061	\$19,883,939	99.42%		1.20%	9.76%	0.1168%
11/1/2004	11/1/2031	10,000,000	10,000,000	8.82%	882,000		88,352	\$9,911,648	99.12%		0.60%	8.91%	0.0533%
8/1/2004	8/1/2025	10,000,000	10,000,000	8.15%	815,000		60,119	\$9,939,881	99.40%		0.60%	8.21%	0.0491%
1/31/2007	12/21/2021	100,300,000	45,135,000	5.77%	2,604,290		332,690	\$99,967,310	99.67%		2.70%	5.80%	0.1566%
12/21/2012	12/1/2042	23,015,000	23,015,000	4.30%	989,645	31	895,945	\$22,119,055	96.11%		1.38%	4.54%	0.0625%
12/17/2012	12/1/2042	45,000,000	45,000,000	4.30%	1,935,000	32	582,689	\$44,417,311	98.71%		2.69%	4.38%	0.1179%
12/1/2009	12/1/2039	80,000,000	80,000,000	5.50%	4,400,000	21	1,340,809	\$78,659,191	98.32%		4.79%	5.62%	0.2690%
12/1/2009	12/1/2039	13,165,000	13,165,000	5.50%	724,075	21	351,823	\$12,813,177	97.33%		0.79%	5.69%	0.0448%
4/8/2009	4/1/2039	80,000,000	80,000,000	6.20%	4,960,000		1,033,848	\$78,966,152	98.71%		4.79%	6.30%	0.3015%
11/21/2011	10/15/2037	35,000,000	35,000,000	5.05%	1,767,500		0	\$35,000,000	100.00%		2.09%	5.05%	0.1057%
11/21/2011	10/15/2037	15,500,000	15,500,000	5.05%	782,750		740,260	\$14,759,740	95.22%		0.93%	5.39%	0.0500%
11/20/2013	3/1/2024	67,000,000	67,000,000	3.85%	2,579,500		791,901	\$66,208,099	98.82%		4.01%	3.99%	0.1599%
8/14/2014	3/1/2025	36,200,000	36,200,000	3.40%	1,230,800		1,189,364	\$35,010,636	96.71%		2.17%	3.78%	0.0819%
8/14/2014	12/1/2042	65,700,000	65,700,000	4.30%	2,825,100		4,432,879	\$61,267,121	93.25%		3.93%	4.74%	0.1863%
8/10/2017	9/1/2047	240,000,000	240,000,000	3.75%	9,000,000		3,231,905	\$236,768,095	98.65%		14.36%	3.83%	0.5499%
9/13/2017	9/1/2027	101,426,171	101,426,171	2.95%	2,992,072	39	11,291,519	\$90,134,652	88.87%		6.07%	4.34%	0.2633%
8/9/2018	9/1/2028	74,739,360	74,739,360	3.75%	2,802,726		623,814	\$74,115,546	99.17%		4.47%	3.85%	0.1721%
8/9/2018	9/1/2048	227,489,000	227,489,000	4.20%	9,554,538		2,490,214	\$224,998,786	98.91%		13.61%	4.26%	0.5788%
9/11/2018	9/1/2028	124,719,875	124,719,875	3.75%	4,676,995	40	8,287,774	\$116,432,101	93.35%		7.46%	4.59%	0.3425%
5/23/2019	6/1/2029	110,000,000	110,000,000	3.45%	3,795,000		1,107,566	\$108,892,434	98.99%		6.58%	3.57%	0.2349%
Pennvest Loans													
7/1/2012	12/1/2022	3,945,656	808,788	2.77%	22,436	12	8,480	3,937,176	99.79%		0.05%	2.80%	0.0014%
7/1/2012	10/1/2019	1,728,997	55,226	2.80%	1,544	7	0	1,728,997	100.00%		0.00%	2.79%	0.0001%
7/1/2012	2/1/2020	3,470,505	158,209	1.18%	1,873	9	17,155	3,453,350	99.51%		0.01%	1.25%	0.0001%
7/1/2012	3/1/2022	3,366,155	596,431	3.24%	19,306	8	56,803	3,309,352	98.31%		0.04%	3.44%	0.0012%
7/1/2012	3/1/2022	3,623,800	641,869	3.24%	20,777	10	25,430	3,598,370	99.30%		0.04%	3.32%	0.0013%
7/1/2012	9/1/2022	4,322,665	872,190	3.24%	28,233	11	25,445	4,297,220	99.41%		0.05%	3.31%	0.0017%
7/1/2012	7/1/2024	1,559,205	387,582	2.77%	10,752	15	13,749	1,545,456	99.12%		0.02%	2.86%	0.0007%
7/1/2012	11/1/2024	5,721,348	1,632,455	1.16%	18,871	16	29,484	5,691,864	99.48%		0.10%	1.20%	0.0012%
7/1/2012	12/1/2025	5,670,111	1,594,205	2.76%	44,048	17	34,130	5,635,981	99.40%		0.10%	2.82%	0.0027%
7/1/2012	8/1/2024	5,240,631	1,584,546	2.77%	43,955	13	7,951	5,232,680	99.85%		0.09%	2.79%	0.0026%
7/1/2012	10/1/2024	3,099,441	953,372	2.43%	23,186	14	5,660	3,093,781	99.82%		0.06%	2.45%	0.0014%
7/1/2012	9/1/2029	2,359,891	1,318,994	2.55%	33,595	19	0	2,359,891	100.00%		0.08%	2.55%	0.0020%
7/1/2012	2/1/2031	12,150,000	7,676,036	2.69%	206,485	24	0	12,150,000	100.00%		0.46%	2.69%	0.0124%
7/1/2012	10/1/2032	9,936,500	7,212,469	3.12%	224,813	25	0	9,936,500	100.00%		0.43%	3.12%	0.0135%
7/1/2012	12/1/2031	1,606,709	1,103,229	3.10%	34,178	26	0	1,606,709	100.00%		0.07%	3.10%	0.0020%
7/1/2012	3/1/2041	1,724,610	1,350,422	1.00%	13,504	27	0	1,724,610	100.00%		0.08%	1.00%	0.0008%
7/1/2012	3/1/2032	1,675,790	1,246,487	1.80%	22,424	28	0	1,675,790	100.00%		0.07%	1.80%	0.0013%
7/1/2012	3/1/2032	1,273,465	790,879	2.69%	21,275	29	0	1,273,465	100.00%		0.05%	2.69%	0.0013%
3/22/2013	3/1/2033	1,378,357	964,631	2.20%	21,183	33	0	1,378,357	100.00%		0.06%	2.20%	0.0013%
4/1/2015	9/1/2032	15,833,700	13,868,817	1.00%	138,688	34	0	15,833,700	100.00%		0.83%	1.00%	0.0083%
10/15/2015	7/1/2040	123,663	107,597	1.00%	1,076	35	0	123,663	100.00%		0.01%	1.00%	0.0001%
10/15/2015	7/1/2040	969,823	843,822	1.00%	8,438	35	0	969,823	100.00%		0.05%	1.00%	0.0005%
4/21/2016	11/1/2026	2,141,062	1,719,398	1.36%	23,315	36	0	2,141,062	100.00%		0.10%	1.36%	0.0014%
12/29/2016	11/1/2037	6,285,976	7,143,407	1.00%	71,434	37	0	6,285,976	100.00%		0.43%	1.00%	0.0043%
6/14/2017	11/1/2036	5,549,947	4,828,896	1.44%	69,488	38	0	5,549,947	100.00%		0.29%	1.44%	0.0042%
		\$1,772,012,413	\$1,671,549,363		\$76,656,268		\$41,458,412	\$1,730,554,002			100.00%		4.83%

Pennsylvania-American Water Company - Total
Schedule of Debt
May 31, 2019

Notes to Debt Schedule

- (7) Clark Summit Regionalization (Abington). Interest 1.409% from 1999 to 2004 and 2.795% from 2005 to 2019.
- (8) Strattanville Pennvest Loan. Interest 1.619% from 2002 to 2007 and 3.237% starting March 2007.
- (9) Pocono Country Place. Interest 1.00% from 2000 to 2005 and 1.184% from 2006 to 2020.
- (10) Franklin Township. Interest 1.619% from 2002 to 2007 and 3.237% starting April 2007.
- (11) Jackson Township. Interest 1.619% from 2001 to 2006 and 3.237% starting Oct 2007
- (12) Eldersville, Jefferson, and Crosscreek, interest 1.387% for first 70 months and 2.774% (12/2007) for remainder.
- (13) Ellwood/Butler Interconnect, Interest rate 1.387% for first 74 months and 2.774% (08/2009) for remainder
- (14) Mahoning & Union Twp, Interest rate 1.305% for first 82 months and 2.432% (10/2009) for remainder
- (15) Farmington Twp., Interest rate 1.387% for first 70 months and 2.774% (07/2009) for remainder
- (16) Sandy Ridge, Interest rate 1.000% for first 60 months and 1.156% (07/2010) for remainder
- (17) Sligo/Shippenville, Interest rate 1.385% for first 86 months and 2.763% (06/2013) for remainder
- (19) Hanover & Collier 1.274% first 2009 - 2014 and 2.547% starting Oct 2014.
- (21) Remarketed Dec 09 with a 30 year term.
- (24) Mount Pleasant Water System Extension 1.559% first 2011 - 2016 and 2.69% starting March 2016.
- (25) Rock Run WTP 2.414% first 2011 - 2016 and 3.117% starting Dec 2017
- (26) Silver Spring Clearwell 2.376% first 2012 - 2016 and 3.098% starting Jan 2017.
- (27) Wallaceton Municipal Authority 1.00% for 30 years starting March 2012.
- (28) Pittsburgh Meter Improvements 1.799% first 2012 - 2017 and 2.81% starting May 1, 2018.
- (29) Pittsburgh Meter Improvement Project Phase II 1.559% first 60 months and 2.69% starting May 2016.
- (31) Re-issuance 12/21/12 from Parent at a coupon rate of 4.30% for 30 years
- (32) New unsecured borrowing at a coupon rate of 4.30% for 30 years
- (33) Southwest PA Pipeline Exts Phase II - Interest 1.591% first 5 years - 2.196% starting March 2018
- (34) Clarion WW Act 537 Implementation Project - Interest rate is 1.0% for the life of the loan
- (35) Paint Twp #1 - Interest rate is 1% for the remaining life of the Bond
- (35) Paint Twp #2 - Interest rate is 1% for the remaining life of the Bond
- (36) Fairview Water Main Extension - Interest rate is 1.356% for the first 5 years, 1.985% April 2021 for remaining 15 years
- (37) Debt assumed as part of Scranton Sewer acquisition
- (38) Washington County Main Extension Project - Interest rate is 1.439% until Oct 2021 - 2.027% for the remaining term
- (39) Issuances costs included make whole premium of \$10M
- (40) Issuances costs included make whole premium of \$7.2M

PENNSYLVANIA AMERICAN WATER COMPANY
SCHEDULE OF PREFERRED STOCK
May 31, 2019

DATE OF ISSUE	DATE OF MATURITY	SHARES ISSUED	SHARES OUTSTANDING	AMOUNT ISSUED	AMOUNT OUTSTANDING	EXPENSE	NET PROCEEDS	DIVIDEND RATE	SINKING REQUIR.	PERCENT TO TOTAL	EFFECTIVE COST RATE	WEIGHTED COST RATE
23-Apr-71	---	3,000	1,780	\$300,000	\$178,000	\$5,473	\$294,527	9.75%		4.39%	9.96%	0.44%
23-Apr-71	---	4,250	2,735	425,000	273,500	7,275	417,725	9.35%		6.75%	9.54%	0.64%
21-Nov-91	---	120,000	36,000	12,000,000	3,600,000	82,714	11,917,286	8.49%		88.86%	8.55%	7.60%
		127,250	40,515	\$12,725,000	\$4,051,500	\$95,462	\$12,629,538			100.00%		8.68%

PENNSYLVANIA AMERICAN WATER COMPANY
 2019 FORECASTED WASTEWATER REVENUES
 NO DSIC OR STAS

	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	TOTAL
RES	790,901	732,316	790,901	781,137	839,722	849,487	869,015	878,779	839,722	820,194	771,372	800,666	9,764,212
COM	160,892	148,974	160,892	158,905	170,822	172,809	176,782	178,768	170,822	166,850	156,919	162,877	1,986,312
IND	79,609	73,712	79,609	78,626	84,524	85,506	87,472	88,455	84,524	82,558	77,644	80,592	982,831
PUB AUTH	64,506	59,727	64,506	63,709	68,487	69,283	70,876	71,673	68,487	66,895	62,913	65,303	796,365
BULK	321,307	297,506	321,307	317,340	341,141	345,107	353,041	357,008	341,141	333,207	313,373	325,274	3,966,752
	1,417,215	1,312,235	1,417,215 4,146,665	1,399,717	1,504,696	1,522,192 4,426,605	1,557,186	1,574,683	1,504,696 4,636,565	1,469,704	1,382,221	1,434,712 4,286,637	17,496,472 17,496,472

PENNSYLVANIA AMERICAN WATER COMPANY
QUALIFYING WASTEWATER DSIC EXPENDITURES
TRANSFERRED AMOUNTS
March 2019 - May 2019

WORK ORDER	STATE ACCOUNT	WBS ELEMENT (WORK ORDER)	MARCH		
			2019	APRIL 2019	MAY 2019
REPLACE COLLECTION MAINS - FORCE	360000	R24-47B1.18-P-0002	\$ 3,214		\$ (112)
REPLACE COLLECTION MAINS - FORCE	360000	R24-47B1.18-P-0003		(86)	
REPLACE COLLECTION MAINS - FORCE	360000	R24-47B1.18-P-0004	55,259	(11,941)	(53,315)
REPLACE COLLECTION MAINS - FORCE	360000	R24-47B1.18-P-0005	321	(9,471)	9,187
REPLACE COLLECTION MAINS - FORCE	360000	R24-47B1.18-P-0006	(8,675)	10,189	
REPLACE COLLECTION MAINS - FORCE	360000	R24-47B1.18-P-0007			462,223
REPLACE COLLECTION MAINS - FORCE	360000	R24-47B1.19-P-0003			113,902
REPLACE COLLECTION MAINS - FORCE	360000	R24-47B1.19-P-0004		9,472	93,194
REPLACE COLLECTION MAINS - FORCE	360000	R24-47H1.18-P-0002		(596)	
TOTAL - REPLACE COLLECTION MAINS - FORCE			\$ 50,119	\$ (2,433)	\$ 625,079
REPLACE COLLECTIONS MAINS - GRAVITY	361100	I24-690001-07	\$ (9,071)		
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-58B1.18-P-0001	4,628		
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-58B1.18-P-0002	3,471		
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-58B1.18-P-0003	3,471		
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-58B1.18-P-0004	17,923		
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-58B1.18-P-0005	505		
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-58B1.18-P-0006	3,828		287
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-67B1.18-P-0004	19,306	(1,364)	1,477
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-67B1.18-P-0005	14,085	787	3,064
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-67B1.18-P-0006	23,709	9,142	10,242
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-67B1.18-P-0007	7,001	10,613	32,537
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-67B1.18-P-0008	16,315	4,550	4,305
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-67B1.18-P-0009	5,752	6,343	6,578
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-67B1.18-P-0010	512	3,473	12,921
REPLACE COLLECTIONS MAINS - GRAVITY	361100	R24-69B1.18-P-0002	1,480	121	3,482
TOTAL COLLECTION MAINS			\$ 112,915	\$ 33,865	\$ 74,893
REPLACE SERVICE LATERALS	363000	R24-58H1.19-P-0001	\$ 3,583	\$ 174	
REPLACE SERVICE LATERALS	363000	R24-67H1.19-P-0001	9,400		
REPLACE SERVICE LATERALS	363000	R24-67H1.19-P-0001	3,583	10,604	4,927
REPLACE SERVICE LATERALS	363000	R24-69F1.19-P-0001			
REPLACE SERVICE LATERALS	363000	R24-69H1.18-P-0001	680	1	2,178
REPLACE SERVICE LATERALS	363000	R24-69H1.19-P-0001	655	8,625	22,452
TOTAL SERVICE LATERALS			\$ 17,901	\$ 19,404	\$ 29,557
TOTAL DSIC EXPENDITURES			\$ 180,935	\$ 50,636	\$ 729,529