



PENNSYLVANIA
AMERICAN WATER

800 West Hershey Park Drive
Hershey, Pa 17033

P 717-531-3258
F 717-531-3255

December 18, 2018

Rosemary Chiavetta, Secretary
Pennsylvania Public Utility Commission
P.O. Box 3265
Harrisburg PA 17105-3265

Dear Secretary Chiavetta,

Re: Pennsylvania American Water Company DSIC expenditures for January 1, 2018 through November 30, 2018.

In accordance with the above-captioned matter, attached please find the calculation for Pennsylvania American Water Company water and wastewater DSIC expenditures for the period January 1, 2018 through November 30, 2018. This filing is in accordance with the terms and conditions of the Joint Settlement from the Company's last base rate case at Docket No. R-2017-2595853, where the Company agreed to track DSIC expenditures in 2018.

Sincerely,

John Cox
Director of Rates and Regulations

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

DISTRIBUTION SYSTEM IMPROVEMENT CHARGE

(Informational Filing)

PA AMERICAN WATER

Water Operations

January 1, 2019

Expenditures January 1st 2018 to November 30th 2018

PENNSYLVANIA AMERICAN WATER
DISTRIBUTION SYSTEM IMPROVEMENT CHARGE
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DESCRIPTION	SURCHARGE EFFECTIVE January 1, 2019
DSIC ELIGIBLE GROSS PLANT ADDITIONS *	\$ 107,756,011
ANNUAL RECONCILIATION **	0
RECONCILIATION OF PRIOR YEAR E FACTOR (RECOVERED OVER ONE QUARTER) (e)	0
REVENUE REQUIREMENT FOR ANNUAL RECONCILIATION AND PRIOR YEAR E FACTOR	0
TOTAL QUARTERLY DISTRIBUTION SYSTEM IMPROVEMENT CHARGE REVENUE REQUIREMENT	0
MONTHLY RECOVERABLE AMOUNT FOR REVENUE REQUIREMENT	0
MONTHLY RECOVERABLE AMOUNT FOR ANNUAL RECONCILIATION AND PRIOR YEAR E FACTOR	0
BASE RATE REVENUE TO BE COLLECTED DURING APRIL THROUGH JUNE (PQR)	0
CURRENT YEAR DISTRIBUTION SYSTEM IMPROVEMENT CHARGE	0.00%
ANNUAL RECONCILIATION AND PRIOR YEAR E FACTOR CHARGE	0.00%
DISTRIBUTION SYSTEM IMPROVEMENT CHARGE (DSIC)	0.00%

* R-2017-2595853 DSIC ELIGIBLE GROSS PLANT ADDITIONS - SETTLEMENT APPENDIX E - ANNUAL ADDITIONS \$149,660,658

STATE ACCOUNT	DESCRIPTION	JANUARY 2018	FEBRUARY 2018	MARCH 2018	APRIL 2018	MAY 2018	JUNE 2018	JULY 2018	AUGUST 2018	SEPTEMBER 2018	OCTOBER 2018	NOVEMBER 2018	TOTAL
331800	MAINS	\$ 5,143,278	\$ 5,323,937	\$ 3,443,025	\$ 760,980	\$ 8,098,379	\$ 4,937,965	\$ 8,093,533	\$ 8,592,486	\$ 6,120,872	\$ 11,813,325	\$ 15,354,515	\$ 78,581,296
333000	SERVICES	1,733,524	1,463,232	1,264,523	1,663,793	207,845	1,520,758	1,040,080	2,315,800	1,891,850	1,290,691	2,018,202	16,419,507
334100	METERS	946,812	1,324,351	758,507	754,213	549,567	687,946	1,034,016	1,136,221	1,541,715	991,536	451,491	10,176,284
335000	HYDRANTS	250,314	323,322	141,877	326,335	253,888	94,354	312,671	257,078	73,065	251,593	294,831	2,578,025
	ADDITIONS	8,073,928	8,434,842	5,607,732	3,514,321	10,009,478	7,241,023	10,479,299	12,301,585	9,627,511	14,347,344	18,118,950	107,756,011

Pennsylvania American Water Company
Qualifying DSIC Expenditures
Transferred Amounts
September 2018 - November 2018

WORK ORDER	Utility Account	Work Order Number	Sep-18	Oct-18	Nov-18
REPLACE MAINS	331800	I24-110052-01	11		
REPLACE MAINS	331800	I24-110056-01	1,272	2,533	(492)
REPLACE MAINS	331800	I24-110056-02	2,201	91,415	13,599
REPLACE MAINS	331800	I24-620003-01		774	
REPLACE MAINS	331800	I24-680019-05		(79,620)	
REPLACE MAINS	331800	R24-11B1.17-P-0004	3,542		
REPLACE MAINS	331800	R24-11B1.17-P-0007			(175,155)
REPLACE MAINS	331800	R24-11B1.17-P-0020	(400)		44
REPLACE MAINS	331800	R24-11B1.17-P-0028	(19)	21	(30)
REPLACE MAINS	331800	R24-11B1.17-P-0030	(34)	40	(57)
REPLACE MAINS	331800	R24-11B1.17-P-0031		9,073	
REPLACE MAINS	331800	R24-11B1.17-P-0032		3,363	3,592
REPLACE MAINS	331800	R24-11B1.17-P-0037	(737)	10,989	185
REPLACE MAINS	331800	R24-11B1.17-P-0041	7,427		
REPLACE MAINS	331800	R24-11B1.17-P-0042	106		
REPLACE MAINS	331800	R24-11B1.17-P-0044			6,613
REPLACE MAINS	331800	R24-11B1.17-P-0046	141	20	(28)
REPLACE MAINS	331800	R24-11B1.17-P-0047			31,739
REPLACE MAINS	331800	R24-11B1.17-P-0048	14,884	11	970
REPLACE MAINS	331800	R24-11B1.17-P-0049			9,814
REPLACE MAINS	331800	R24-11B1.17-P-0050	3,229	12	220
REPLACE MAINS	331800	R24-11B1.17-P-0051	5,111		
REPLACE MAINS	331800	R24-11B1.17-P-0052	9,959		
REPLACE MAINS	331800	R24-11B1.17-P-0053	10,804		
REPLACE MAINS	331800	R24-11B1.17-P-0054	(503)		
REPLACE MAINS	331800	R24-11B1.17-P-0055	(26)	29	(41)
REPLACE MAINS	331800	R24-11B1.17-P-0058	11,865	(3,655)	
REPLACE MAINS	331800	R24-11B1.18-P-0004	290		
REPLACE MAINS	331800	R24-11B1.18-P-0005	(4,003)	5,248	
REPLACE MAINS	331800	R24-11B1.18-P-0006	14,294	7,209	4,762
REPLACE MAINS	331800	R24-11B1.18-P-0007	8,009	5,646	4,783
REPLACE MAINS	331800	R24-11B1.18-P-0008	184	18,456	968
REPLACE MAINS	331800	R24-11B1.18-P-0009	(1,078)	14,919	(65,500)
REPLACE MAINS	331800	R24-11B1.18-P-0010	2	148	
REPLACE MAINS	331800	R24-11B1.18-P-0011	(89)	12	(16)
REPLACE MAINS	331800	R24-11B1.18-P-0012	47,943	(3,462)	(252)
REPLACE MAINS	331800	R24-11B1.18-P-0013	(698)	234	(16)
REPLACE MAINS	331800	R24-11B1.18-P-0015	(418)		2,684
REPLACE MAINS	331800	R24-11B1.18-P-0016	11,747	14,152	(18)
REPLACE MAINS	331800	R24-11B1.18-P-0017	1,574	(13)	1,981
REPLACE MAINS	331800	R24-11B1.18-P-0018		706,311	8,884
REPLACE MAINS	331800	R24-11B1.18-P-0022		185,108	57,079
REPLACE MAINS	331800	R24-11B1.18-P-0025		199,037	67,042
REPLACE MAINS	331800	R24-11B1.18-P-0027		90,045	10,900
REPLACE MAINS	331800	R24-11B1.18-P-0040		298,054	(3,448)
REPLACE MAINS	331800	R24-11C1.17-P-0001	15,321	40,449	13,388
REPLACE MAINS	331800	R24-11C1.18-P-0001	735,482	1,171,200	1,047,229
REPLACE MAINS	331800	R24-11C1.18-P-0004		26,818	
REPLACE MAINS	331800	R24-11C1.18-P-0005		130,480	
REPLACE MAINS	331800	R24-11C1.18-P-0006		891	
REPLACE MAINS	331800	R24-11C1.18-P-0007		921	
REPLACE MAINS	331800	R24-11D1.14-P-0002		845,865	(1)
REPLACE MAINS	331800	R24-11D1.16-P-0002			102,142
REPLACE MAINS	331800	R24-11D1.17-P-0003		679,172	(3,822)
REPLACE MAINS	331800	R24-11F1.17-P-0001	8,703	653	6,613
REPLACE MAINS	331800	R24-11F1.18-P-0001	81,409	113,875	135,461
REPLACE MAINS	331800	R24-11F1.18-P-0002		6,141	
REPLACE MAINS	331800	R24-11H1.17-P-0001	41,238	6,263	(2,355)
REPLACE MAINS	331800	R24-11H1.18-P-0001	(5,138)	76,762	46,809
REPLACE MAINS	331800	R24-11J1.17-P-0001	92,816	89,539	78,903
REPLACE MAINS	331800	R24-21B1.16-P-0003	4,524	-	
REPLACE MAINS	331800	R24-21B1.16-P-0004	3,712	-	
REPLACE MAINS	331800	R24-21B1.16-P-0005	1,877	-	
REPLACE MAINS	331800	R24-21B1.16-P-0012	64	-	
REPLACE MAINS	331800	R24-21B1.16-P-0016	954	-	

Pennsylvania American Water Company
Qualifying DSIC Expenditures
Transferred Amounts
September 2018 - November 2018

WORK ORDER	Utility Account	Work Order Number	Sep-18	Oct-18	Nov-18
REPLACE MAINS	331800	R24-21B1.17-P-0002		76,808	
REPLACE MAINS	331800	R24-21B1.17-P-0003	(9,370)	304,758	
REPLACE MAINS	331800	R24-21B1.17-P-0004	(11,004)	51,294	
REPLACE MAINS	331800	R24-21B1.17-P-0005		112,665	
REPLACE MAINS	331800	R24-21B1.17-P-0013	(372)	-	
REPLACE MAINS	331800	R24-21B1.17-P-0015		(229)	
REPLACE MAINS	331800	R24-21B1.17-P-0016	(200)		
REPLACE MAINS	331800	R24-21B1.17-P-0017		(74,452)	
REPLACE MAINS	331800	R24-21B1.17-P-0018	4,750	5,866	(2,120)
REPLACE MAINS	331800	R24-21B1.17-P-0019			854,380
REPLACE MAINS	331800	R24-21B1.17-P-0020			683,592
REPLACE MAINS	331800	R24-21B1.18-P-0002	126,304	36,226	8,332
REPLACE MAINS	331800	R24-21B1.18-P-0003	271,175	72,591	
REPLACE MAINS	331800	R24-21B1.18-P-0004		3,346	
REPLACE MAINS	331800	R24-21B1.18-P-0006	56,745	(12,274)	
REPLACE MAINS	331800	R24-21B1.18-P-0007	97,875	(55,160)	
REPLACE MAINS	331800	R24-21B1.18-P-0008			837,744
REPLACE MAINS	331800	R24-21B1.18-P-0009			618,744
REPLACE MAINS	331800	R24-21B1.18-P-0012			202,069
REPLACE MAINS	331800	R24-21B1.18-P-0014			529,050
REPLACE MAINS	331800	R24-21B1.18-P-0015	42,680	(11,892)	
REPLACE MAINS	331800	R24-21C1.16-P-0003		756	
REPLACE MAINS	331800	R24-21C1.17-P-0001	6,895	95,886	
REPLACE MAINS	331800	R24-21C1.17-P-0003		3,954	
REPLACE MAINS	331800	R24-21C1.18-P-0001	261,734	261,463	245,089
REPLACE MAINS	331800	R24-21D1.16-P-0003		530,871	(336)
REPLACE MAINS	331800	R24-21D1.16-P-0006		(11,455)	
REPLACE MAINS	331800	R24-21D1.16-P-0007	(208)		
REPLACE MAINS	331800	R24-21D1.17-P-0003	116		
REPLACE MAINS	331800	R24-21D1.17-P-0004	211	97,785	(336)
REPLACE MAINS	331800	R24-21D1.17-P-0006	149,188	(12,774)	
REPLACE MAINS	331800	R24-21D1.18-P-0005			105,187
REPLACE MAINS	331800	R24-21D1.18-P-0006		61,766	
REPLACE MAINS	331800	R24-21F1.16-P-0005		24	
REPLACE MAINS	331800	R24-21F1.17-P-0001	(204)	15,879	
REPLACE MAINS	331800	R24-21F1.18-P-0001	31,659	105,304	61,593
REPLACE MAINS	331800	R24-21F1.18-P-0004			13,230
REPLACE MAINS	331800	R24-21F1.18-P-0005		34,228	
REPLACE MAINS	331800	R24-21H1.17-P-0001	638	1,733	7,379
REPLACE MAINS	331800	R24-21H1.18-P-0001	29,949		
REPLACE MAINS	331800	R24-21J1.18-P-0001	31,803		
REPLACE MAINS	331800	R24-22B1.17-P-0005	3,227	(30,091)	
REPLACE MAINS	331800	R24-22B1.17-P-0007	(26,241)		
REPLACE MAINS	331800	R24-22B1.17-P-0008	(1,185)		
REPLACE MAINS	331800	R24-22B1.17-P-0009		(66,577)	
REPLACE MAINS	331800	R24-22B1.17-P-0010	48,703	6,620	
REPLACE MAINS	331800	R24-22B1.17-P-0011	(5,774)		
REPLACE MAINS	331800	R24-22B1.18-P-0003			419,031
REPLACE MAINS	331800	R24-22B1.18-P-0005			138,100
REPLACE MAINS	331800	R24-22B1.18-P-0006			273,136
REPLACE MAINS	331800	R24-22B1.18-P-0007			263,451
REPLACE MAINS	331800	R24-22B1.18-P-0008			103
REPLACE MAINS	331800	R24-22B1.18-P-0020			63,299
REPLACE MAINS	331800	R24-22B1.18-P-0021			125,963
REPLACE MAINS	331800	R24-22B1.18-P-0023			136,523
REPLACE MAINS	331800	R24-22B1.18-P-0024			67,315
REPLACE MAINS	331800	R24-22B1.18-P-0026			53,733
REPLACE MAINS	331800	R24-22B1.18-P-0027			45,973
REPLACE MAINS	331800	R24-22C1.17-P-0001	193	6,445	369
REPLACE MAINS	331800	R24-22C1.18-P-0001	96,942	159,443	79,236
REPLACE MAINS	331800	R24-22C1.18-P-0003			20,291
REPLACE MAINS	331800	R24-22D1.16-P-0004		168	
REPLACE MAINS	331800	R24-22D1.17-P-0002	281	(80)	
REPLACE MAINS	331800	R24-22F1.18-P-0001	5,630	31,112	1,118
REPLACE MAINS	331800	R24-22F1.18-P-0007			965

Pennsylvania American Water Company
 Qualifying DSIC Expenditures
 Transferred Amounts
 September 2018 - November 2018

WORK ORDER	Utility Account	Work Order Number	Sep-18	Oct-18	Nov-18
REPLACE MAINS	331800	R24-22F1.18-P-0008			1,353
REPLACE MAINS	331800	R24-22F1.18-P-0010			950
REPLACE MAINS	331800	R24-22H1.18-P-0001	(934)	(991)	741
REPLACE MAINS	331800	R24-23B1.15-P-0010		1,626	
REPLACE MAINS	331800	R24-23B1.16-P-0005		427	
REPLACE MAINS	331800	R24-23B1.16-P-0006		485	
REPLACE MAINS	331800	R24-23B1.17-P-0002		1,751	1,585
REPLACE MAINS	331800	R24-23B1.17-P-0003		435	
REPLACE MAINS	331800	R24-23B1.17-P-0004	182	3,628	333
REPLACE MAINS	331800	R24-23B1.17-P-0005	90	500	
REPLACE MAINS	331800	R24-23B1.18-P-0003			529,238
REPLACE MAINS	331800	R24-23B1.18-P-0004	262,300	30,497	(771)
REPLACE MAINS	331800	R24-23B1.18-P-0005			438,933
REPLACE MAINS	331800	R24-23B1.18-P-0007			295,957
REPLACE MAINS	331800	R24-23C1.17-P-0001	287	510	200
REPLACE MAINS	331800	R24-23C1.18-P-0001	12,844	12,623	26,130
REPLACE MAINS	331800	R24-23F1.17-P-0001		11,638	
REPLACE MAINS	331800	R24-23F1.17-P-0017		243	
REPLACE MAINS	331800	R24-23F1.17-P-0019		22	
REPLACE MAINS	331800	R24-23F1.18-P-0001	(1,624)	610	156
REPLACE MAINS	331800	R24-23F1.18-P-0002		13	
REPLACE MAINS	331800	R24-23F1.18-P-0003		187	
REPLACE MAINS	331800	R24-23F1.18-P-0006	11,531	12	
REPLACE MAINS	331800	R24-23F1.18-P-0008	5,926	47	
REPLACE MAINS	331800	R24-23F1.18-P-0009		3,780	
REPLACE MAINS	331800	R24-23F1.18-P-0010		6,068	
REPLACE MAINS	331800	R24-23F1.18-P-0012		2,913	
REPLACE MAINS	331800	R24-23F1.18-P-0018		3,018	
REPLACE MAINS	331800	R24-23F1.18-P-0019		4,290	
REPLACE MAINS	331800	R24-23H1.17-P-0001	626	137	21
REPLACE MAINS	331800	R24-23J1.17-P-0001	2,290	2,437	2,501
REPLACE MAINS	331800	R24-23J1.18-P-0001	759	3,192	(2,245)
REPLACE MAINS	331800	R24-25B1.16-P-0002		195,016	
REPLACE MAINS	331800	R24-25B1.18-P-0002		187,754	30,359
REPLACE MAINS	331800	R24-25C1.18-P-0001	12,549	15,675	18,158
REPLACE MAINS	331800	R24-25F1.17-P-0001	394		
REPLACE MAINS	331800	R24-25J1.17-P-0001	793		
REPLACE MAINS	331800	R24-25J1.18-P-0001	(152)	(25)	971
REPLACE MAINS	331800	R24-31A1.15-P-0002			2,716
REPLACE MAINS	331800	R24-31B1.15-P-0012			(28,763)
REPLACE MAINS	331800	R24-31B1.16-P-0002	611		
REPLACE MAINS	331800	R24-31B1.16-P-0003	229		
REPLACE MAINS	331800	R24-31B1.16-P-0004	321		
REPLACE MAINS	331800	R24-31B1.16-P-0007	240		
REPLACE MAINS	331800	R24-31B1.16-P-0008	466	5,282	
REPLACE MAINS	331800	R24-31B1.16-P-0009	938	(318)	
REPLACE MAINS	331800	R24-31B1.16-P-0015			(563)
REPLACE MAINS	331800	R24-31B1.16-P-0016	274		5,442
REPLACE MAINS	331800	R24-31B1.16-P-0017			3,402
REPLACE MAINS	331800	R24-31B1.16-P-0019			(26,753)
REPLACE MAINS	331800	R24-31B1.16-P-0022	61	-	
REPLACE MAINS	331800	R24-31B1.16-P-0023	1,629	(196)	
REPLACE MAINS	331800	R24-31B1.16-P-0025	814		
REPLACE MAINS	331800	R24-31B1.17-P-0002	11,646		
REPLACE MAINS	331800	R24-31B1.17-P-0003	2,206	(981)	-
REPLACE MAINS	331800	R24-31B1.17-P-0004	794	(710)	-
REPLACE MAINS	331800	R24-31B1.17-P-0005		8,463	(8,501)
REPLACE MAINS	331800	R24-31B1.17-P-0006		(440)	(2,967)
REPLACE MAINS	331800	R24-31B1.17-P-0007		(8,537)	-
REPLACE MAINS	331800	R24-31B1.17-P-0008	1,418	(4,295)	-
REPLACE MAINS	331800	R24-31B1.17-P-0009	59	(1,892)	
REPLACE MAINS	331800	R24-31B1.17-P-0010	808	(263)	(14,430)
REPLACE MAINS	331800	R24-31B1.17-P-0011	703	6,218	(6,759)
REPLACE MAINS	331800	R24-31B1.17-P-0012	197		
REPLACE MAINS	331800	R24-31B1.17-P-0013	614		-

Pennsylvania American Water Company
Qualifying DSIC Expenditures
Transferred Amounts
September 2018 - November 2018

WORK ORDER	Utility Account	Work Order Number	Sep-18	Oct-18	Nov-18
REPLACE MAINS	331800	R24-31B1.17-P-0014	226	(4,414)	-
REPLACE MAINS	331800	R24-31B1.17-P-0015		0	(14,715)
REPLACE MAINS	331800	R24-31B1.18-P-0002	6,014	(61)	
REPLACE MAINS	331800	R24-31B1.18-P-0003	6,983	2,827	
REPLACE MAINS	331800	R24-31B1.18-P-0004	161,502	25,668	
REPLACE MAINS	331800	R24-31B1.18-P-0005	12,857		
REPLACE MAINS	331800	R24-31B1.18-P-0006	63,128	5,483	
REPLACE MAINS	331800	R24-31B1.18-P-0007	1,471	1,834	
REPLACE MAINS	331800	R24-31B1.18-P-0008	(54)	126	
REPLACE MAINS	331800	R24-31B1.18-P-0009	22,853	(570)	
REPLACE MAINS	331800	R24-31B1.18-P-0010	34,243	4,780	319
REPLACE MAINS	331800	R24-31B1.18-P-0011	43,264	3,976	
REPLACE MAINS	331800	R24-31B1.18-P-0013	(18,323)		
REPLACE MAINS	331800	R24-31B1.18-P-0014		157,459	17,806
REPLACE MAINS	331800	R24-31B1.18-P-0016		66,331	10,539
REPLACE MAINS	331800	R24-31B1.18-P-0017		84,021	6,080
REPLACE MAINS	331800	R24-31B1.18-P-0019			73,181
REPLACE MAINS	331800	R24-31B1.18-P-0020		63,562	4,508
REPLACE MAINS	331800	R24-31B1.18-P-0021	(16,429)		87
REPLACE MAINS	331800	R24-31C1.16-P-0003	3,242	7,748	
REPLACE MAINS	331800	R24-31C1.17-P-0001	5,938		
REPLACE MAINS	331800	R24-31C1.18-P-0001	24,218	13,296	6,561
REPLACE MAINS	331800	R24-31D1.16-P-0002	18,497		
REPLACE MAINS	331800	R24-31D1.18-P-0002		29,933	
REPLACE MAINS	331800	R24-31F1.17-P-0001		24	
REPLACE MAINS	331800	R24-31F1.18-P-0001	2,235	2,463	5,131
REPLACE MAINS	331800	R24-31G1.17-P-0004		135	
REPLACE MAINS	331800	R24-31H1.17-P-0001	(3,266)		
REPLACE MAINS	331800	R24-31J1.17-P-0001	876	3,042	1,868
REPLACE MAINS	331800	R24-31J1.18-P-0001			3,406
REPLACE MAINS	331800	R24-33B1.18-P-0003	7	(12)	
REPLACE MAINS	331800	R24-33B1.18-P-0007		152,085	450
REPLACE MAINS	331800	R24-33B1.18-P-0008	976	34	
REPLACE MAINS	331800	R24-33B1.18-P-0010		152,520	31,324
REPLACE MAINS	331800	R24-33C1.18-P-0001	6,501	13,412	704
REPLACE MAINS	331800	R24-33F1.18-P-0001	9,789	16,989	4,984
REPLACE MAINS	331800	R24-33J1.17-P-0001	(69)		
REPLACE MAINS	331800	R24-33J1.18-P-0001	23,438		
REPLACE MAINS	331800	R24-41B1.17-P-0002		(755)	
REPLACE MAINS	331800	R24-41B1.18-P-0002		429,453	(176)
REPLACE MAINS	331800	R24-41B1.18-P-0003	209		491
REPLACE MAINS	331800	R24-41B1.18-P-0004	329,789	(1,412)	869
REPLACE MAINS	331800	R24-41B1.18-P-0005	2,668		488
REPLACE MAINS	331800	R24-41C1.18-P-0001	33,239	3,333	204
REPLACE MAINS	331800	R24-41F1.18-P-0001	5,628	(556)	509
REPLACE MAINS	331800	R24-42B1.15-P-0004		992	
REPLACE MAINS	331800	R24-42B1.18-P-0002	884		
REPLACE MAINS	331800	R24-42B1.18-P-0004		134,362	5,703
REPLACE MAINS	331800	R24-42C1.18-P-0001	1,410	5,211	9,685
REPLACE MAINS	331800	R24-42F1.18-P-0001	2,008	118	986
REPLACE MAINS	331800	R24-43C1.17-P-0001	295	701	
REPLACE MAINS	331800	R24-43C1.18-P-0001	2,123	6,593	614
REPLACE MAINS	331800	R24-43F1.18-P-0001		446	
REPLACE MAINS	331800	R24-43H1.17-P-0001	583	176	
REPLACE MAINS	331800	R24-44C1.17-P-0001			9
REPLACE MAINS	331800	R24-44F1.18-P-0001		2,861	(464)
REPLACE MAINS	331800	R24-45B1.17-P-0003		(446)	-
REPLACE MAINS	331800	R24-45B1.18-P-0002	186,743	89,178	64,294
REPLACE MAINS	331800	R24-45B1.18-P-0003			145,694
REPLACE MAINS	331800	R24-45B1.18-P-0006			49,661
REPLACE MAINS	331800	R24-45C1.17-P-0001	159		
REPLACE MAINS	331800	R24-45C1.18-P-0001	4,241	89	443
REPLACE MAINS	331800	R24-45F1.17-P-0001	141		
REPLACE MAINS	331800	R24-45F1.18-P-0002			19,800
REPLACE MAINS	331800	R24-45H1.17-P-0001	409		

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REPLACE MAINS	331800	R24-45J1.17-P-0001			1,554
REPLACE MAINS	331800	R24-45J1.18-P-0001		11,761	
REPLACE MAINS	331800	R24-46B1.17-P-0002		(16,907)	
REPLACE MAINS	331800	R24-46D1.18-P-0002		371,516	
REPLACE MAINS	331800	R24-46D1.18-P-0003		154,482	14,345
REPLACE MAINS	331800	R24-46H1.17-P-0001	1		
REPLACE MAINS	331800	R24-46J1.17-P-0001	16	1	7
REPLACE MAINS	331800	R24-51B1.16-P-0028	(337)		
REPLACE MAINS	331800	R24-51B1.17-P-0002	915		
REPLACE MAINS	331800	R24-51B1.17-P-0006	(9,842)		
REPLACE MAINS	331800	R24-51B1.17-P-0009	4		
REPLACE MAINS	331800	R24-51B1.17-P-0010	75		
REPLACE MAINS	331800	R24-51B1.17-P-0012	1,195		
REPLACE MAINS	331800	R24-51B1.17-P-0015	1,748	(38,404)	
REPLACE MAINS	331800	R24-51B1.17-P-0017	974		
REPLACE MAINS	331800	R24-51B1.17-P-0018	1,092		
REPLACE MAINS	331800	R24-51B1.17-P-0019	1,309		
REPLACE MAINS	331800	R24-51B1.17-P-0020	17,015	(355)	
REPLACE MAINS	331800	R24-51B1.17-P-0021	15,026		
REPLACE MAINS	331800	R24-51B1.17-P-0022	3,186		
REPLACE MAINS	331800	R24-51B1.17-P-0023	278		
REPLACE MAINS	331800	R24-51B1.17-P-0024	(215)	(13,898)	
REPLACE MAINS	331800	R24-51B1.17-P-0025		936	(416)
REPLACE MAINS	331800	R24-51B1.18-P-0002		419,797	225,545
REPLACE MAINS	331800	R24-51B1.18-P-0004		108,695	103,877
REPLACE MAINS	331800	R24-51C1.18-P-0001	39,729	155,508	41,798
REPLACE MAINS	331800	R24-51C1.18-P-0002	716		
REPLACE MAINS	331800	R24-51D1.17-P-0002	1,604		
REPLACE MAINS	331800	R24-51F1.18-P-0001	6,505	(7,390)	
REPLACE MAINS	331800	R24-52B1.18-P-0001	176,916	(406,798)	
REPLACE MAINS	331800	R24-52C1.18-P-0001	125		917
REPLACE MAINS	331800	R24-52F1.18-P-0001	5,941	27,681	
REPLACE MAINS	331800	R24-53B1.16-P-0004		0	
REPLACE MAINS	331800	R24-53B1.17-P-0002		4,428	
REPLACE MAINS	331800	R24-53B1.17-P-0004		158,795	3,392
REPLACE MAINS	331800	R24-53B1.18-P-0001	40,849	8,603	7,127
REPLACE MAINS	331800	R24-53B1.18-P-0002	20,978	24,182	4,891
REPLACE MAINS	331800	R24-53C1.18-P-0001	21,451	17,848	9,131
REPLACE MAINS	331800	R24-53D1.15-P-0002		12,710	
REPLACE MAINS	331800	R24-53D1.17-P-0001		(59,440)	31
REPLACE MAINS	331800	R24-53D1.18-P-0001			59,626
REPLACE MAINS	331800	R24-53F1.18-P-0001	3,901	(57)	4,274
REPLACE MAINS	331800	R24-54B1.16-P-0005		514,998	34,725
REPLACE MAINS	331800	R24-54C1.18-P-0001	32,632	(737)	7,776
REPLACE MAINS	331800	R24-55F1.18-P-0001		236	1,755
REPLACE MAINS	331800	R24-56B1.17-P-0003		(0)	
REPLACE MAINS	331800	R24-56B1.18-P-0001			46,483
REPLACE MAINS	331800	R24-56C1.18-P-0001	93	850	(629)
REPLACE MAINS	331800	R24-56F1.18-P-0001	3,270	4,986	(432)
REPLACE MAINS	331800	R24-57B1.17-P-0002		(1)	
REPLACE MAINS	331800	R24-57B1.18-P-0001			311,291
REPLACE MAINS	331800	R24-57C1.18-P-0001	6,683	9,905	3,483
REPLACE MAINS	331800	R24-57F1.18-P-0001	156	4,172	359
REPLACE MAINS	331800	R24-59C1.18-P-0001	15,072	5,097	1,905
REPLACE MAINS	331800	R24-59F1.18-P-0001		575	(369)
REPLACE MAINS	331800	R24-61B1.16-P-0011			21,949
REPLACE MAINS	331800	R24-61B1.17-P-0001	(51)		
REPLACE MAINS	331800	R24-61B1.17-P-0007		305	48,194
REPLACE MAINS	331800	R24-61C1.18-P-0001	18,524	7,694	4,338
REPLACE MAINS	331800	R24-61D1.17-P-0002		3,962	
REPLACE MAINS	331800	R24-61F1.18-P-0001	3,062	3,025	7,549
REPLACE MAINS	331800	R24-62B1.15-P-0004	(11,565)		
REPLACE MAINS	331800	R24-62B1.16-P-0004	13,474		
REPLACE MAINS	331800	R24-62B1.16-P-0005	(68,750)		
REPLACE MAINS	331800	R24-62B1.16-P-0008	12,312		

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REPLACE MAINS	331800	R24-62B1.17-P-0001		(5,805)	
REPLACE MAINS	331800	R24-62B1.17-P-0002	(10,899)	2,747	
REPLACE MAINS	331800	R24-62B1.17-P-0003	454	36	
REPLACE MAINS	331800	R24-62C1.17-P-0001		267	(119)
REPLACE MAINS	331800	R24-62C1.18-P-0001		3,402	2,177
REPLACE MAINS	331800	R24-62F1.18-P-0001			3,693
REPLACE MAINS	331800	R24-62H1.18-P-0002	116	3	
REPLACE MAINS	331800	R24-63B1.18-P-0002	(24,877)		
REPLACE MAINS	331800	R24-63B1.18-P-0004		270,094	14,040
REPLACE MAINS	331800	R24-63C1.18-P-0001	4,269	1,482	40,202
REPLACE MAINS	331800	R24-63D1.18-P-0002	(18)	(346)	
REPLACE MAINS	331800	R24-63F1.18-P-0001	(1,991)	9,599	357
REPLACE MAINS	331800	R24-64B1.15-P-0001			0
REPLACE MAINS	331800	R24-64B1.18-P-0001	277,061	35,597	(1,213)
REPLACE MAINS	331800	R24-64C1.18-P-0001		400	8,807
REPLACE MAINS	331800	R24-64F1.18-P-0001	3,538	3,525	3,294
REPLACE MAINS	331800	R24-65B1.18-P-0001			282,438
REPLACE MAINS	331800	R24-65B1.18-P-0003			505,140
REPLACE MAINS	331800	R24-65C1.18-P-0001	3,878	16,718	17,029
REPLACE MAINS	331800	R24-65C1.18-P-0003		46,500	
REPLACE MAINS	331800	R24-65F1.18-P-0001		11,022	1,695
REPLACE MAINS	331800	R24-68A1.18-P-0001		(126)	
REPLACE MAINS	331800	R24-68B1.17-P-0001		(647)	
REPLACE MAINS	331800	R24-68B1.17-P-0002	1,911	(159)	
REPLACE MAINS	331800	R24-68B1.18-P-0001	58,781	36,858	6,787
REPLACE MAINS	331800	R24-68C1.18-P-0001	10,531	9,212	6,726
REPLACE MAINS	331800	R24-71B1.18-P-0001	5		
REPLACE MAINS	331800	R24-71B1.18-P-0002	29		
REPLACE MAINS	331800	R24-71B1.18-P-0003	21		
REPLACE MAINS	331800	R24-71C1.18-P-0001	2,454	(1,498)	4,424
REPLACE MAINS	331800	R24-71C1.18-P-0003			19,658
REPLACE MAINS	331800	R24-71D1.18-P-0001	3,825	6,044	1,142
REPLACE MAINS	331800	R24-71F1.17-P-0001	(250)		
REPLACE MAINS	331800	R24-71F1.18-P-0001	1,712	6,526	5,228
REPLACE MAINS	331800	R24-71H1.17-P-0001	(2,590)		
REPLACE MAINS	331800	R24-72B1.18-P-0002		357,175	15,301
REPLACE MAINS	331800	R24-72B1.18-P-0003	118,720	69,482	951
REPLACE MAINS	331800	R24-72C1.18-P-0001	6,047	503	4,915
REPLACE MAINS	331800	R24-72F1.18-P-0001	8,290	5,094	718
REPLACE MAINS	331800	R24-72F1.18-P-0002	2,320		
REPLACE MAINS	331800	R24-72F1.18-P-0003	2,758	1,801	
REPLACE MAINS	331800	R24-72H1.17-P-0001		129	
REPLACE MAINS	331800	R24-73B1.17-P-0001		(2,437)	
REPLACE MAINS	331800	R24-73B1.18-P-0001	156,793	2,932	1,219
REPLACE MAINS	331800	R24-73B1.18-P-0002	114,860	35,662	5,361
REPLACE MAINS	331800	R24-73B1.18-P-0003		88,563	3,029
REPLACE MAINS	331800	R24-74B1.18-P-0001	(22)		
REPLACE MAINS	331800	R24-74C1.18-P-0001	14	77	
REPLACE MAINS	331800	R24-74H1.18-P-0001			5,898
REPLACE MAINS	331800	R24-77F1.18-P-0001			306
REPLACE MAINS	331800	R24-91B1.15-P-0037		(10,430)	
REPLACE MAINS	331800	R24-91B1.16-P-0032		(1,517)	
REPLACE MAINS	331800	R24-91B1.16-P-0034	114	1,371	62
REPLACE MAINS	331800	R24-91B1.16-P-0060	1,494	7,075	15,461
REPLACE MAINS	331800	R24-91B1.16-P-0061			6
REPLACE MAINS	331800	R24-91B1.16-P-0076		(5,453)	
REPLACE MAINS	331800	R24-91B1.17-P-0006		(1,207)	196
REPLACE MAINS	331800	R24-91B1.17-P-0008			(4,275)
REPLACE MAINS	331800	R24-91B1.17-P-0010	972	5,185	3,426
REPLACE MAINS	331800	R24-91B1.17-P-0017		(3,683)	
REPLACE MAINS	331800	R24-91B1.17-P-0018		(8,884)	
REPLACE MAINS	331800	R24-91B1.17-P-0019		(18,233)	
REPLACE MAINS	331800	R24-91B1.17-P-0020	635		
REPLACE MAINS	331800	R24-91B1.17-P-0022	14,708	3,820	
REPLACE MAINS	331800	R24-91B1.17-P-0023		(7,930)	

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REPLACE MAINS	331800	R24-91B1.17-P-0024		(14,730)	
REPLACE MAINS	331800	R24-91B1.17-P-0025		(2,062)	
REPLACE MAINS	331800	R24-91B1.17-P-0026		(1,988)	
REPLACE MAINS	331800	R24-91B1.17-P-0027		(2,788)	
REPLACE MAINS	331800	R24-91B1.17-P-0029		(12,462)	
REPLACE MAINS	331800	R24-91B1.17-P-0030		(1,402)	
REPLACE MAINS	331800	R24-91B1.17-P-0031		1,645	31
REPLACE MAINS	331800	R24-91B1.17-P-0033	33	(6)	
REPLACE MAINS	331800	R24-91B1.17-P-0034		(17,369)	38
REPLACE MAINS	331800	R24-91B1.17-P-0036	52,698	5,249	11,405
REPLACE MAINS	331800	R24-91B1.17-P-0037			(823)
REPLACE MAINS	331800	R24-91B1.17-P-0038		(6,693)	
REPLACE MAINS	331800	R24-91B1.17-P-0043		(1,085)	
REPLACE MAINS	331800	R24-91B1.17-P-0047	201		(187)
REPLACE MAINS	331800	R24-91B1.17-P-0048	2,356		
REPLACE MAINS	331800	R24-91B1.17-P-0049			22,297
REPLACE MAINS	331800	R24-91B1.17-P-0050	39		
REPLACE MAINS	331800	R24-91B1.17-P-0051	19,875	1,316	
REPLACE MAINS	331800	R24-91B1.17-P-0052		(9,004)	
REPLACE MAINS	331800	R24-91B1.17-P-0053			(12,633)
REPLACE MAINS	331800	R24-91B1.17-P-0054		(1,027)	
REPLACE MAINS	331800	R24-91B1.17-P-0056		(5,426)	
REPLACE MAINS	331800	R24-91B1.17-P-0057		(13,852)	
REPLACE MAINS	331800	R24-91B1.17-P-0058	819		
REPLACE MAINS	331800	R24-91B1.17-P-0060	4,980	2,102	
REPLACE MAINS	331800	R24-91B1.17-P-0061	723	(746)	
REPLACE MAINS	331800	R24-91B1.17-P-0063		2,447	660
REPLACE MAINS	331800	R24-91B1.17-P-0064		(10,554)	
REPLACE MAINS	331800	R24-91B1.17-P-0065		(1,637)	
REPLACE MAINS	331800	R24-91B1.17-P-0067	40,676	14,606	4,549
REPLACE MAINS	331800	R24-91B1.18-P-0001		(1,499)	(35)
REPLACE MAINS	331800	R24-91B1.18-P-0002			56
REPLACE MAINS	331800	R24-91B1.18-P-0003	455	1,064	
REPLACE MAINS	331800	R24-91B1.18-P-0004	(84)	(3,296)	
REPLACE MAINS	331800	R24-91B1.18-P-0005	136,563	(1)	(111)
REPLACE MAINS	331800	R24-91B1.18-P-0006		(8)	1,962
REPLACE MAINS	331800	R24-91B1.18-P-0007	18		2,745
REPLACE MAINS	331800	R24-91B1.18-P-0008	62,065	(2,215)	
REPLACE MAINS	331800	R24-91B1.18-P-0009			642,430
REPLACE MAINS	331800	R24-91B1.18-P-0011			70,738
REPLACE MAINS	331800	R24-91B1.18-P-0012			380,035
REPLACE MAINS	331800	R24-91B1.18-P-0013			102,790
REPLACE MAINS	331800	R24-91B1.18-P-0014	17,162	6,101	1,104
REPLACE MAINS	331800	R24-91B1.18-P-0015			340,590
REPLACE MAINS	331800	R24-91B1.18-P-0017			178,523
REPLACE MAINS	331800	R24-91B1.18-P-0019	402,327	2,056	1,084
REPLACE MAINS	331800	R24-91B1.18-P-0020			258,489
REPLACE MAINS	331800	R24-91B1.18-P-0021			69,687
REPLACE MAINS	331800	R24-91B1.18-P-0022			55,245
REPLACE MAINS	331800	R24-91B1.18-P-0023			111,252
REPLACE MAINS	331800	R24-91B1.18-P-0025			71,101
REPLACE MAINS	331800	R24-91B1.18-P-0026	161,534	47,944	6,684
REPLACE MAINS	331800	R24-91B1.18-P-0028			178,154
REPLACE MAINS	331800	R24-91B1.18-P-0029	205,846	1,709	9,454
REPLACE MAINS	331800	R24-91B1.18-P-0031			119,828
REPLACE MAINS	331800	R24-91B1.18-P-0032			361,179
REPLACE MAINS	331800	R24-91B1.18-P-0033			172,072
REPLACE MAINS	331800	R24-91B1.18-P-0034			42,779
REPLACE MAINS	331800	R24-91B1.18-P-0038			393,386
REPLACE MAINS	331800	R24-91B1.18-P-0040			176,453
REPLACE MAINS	331800	R24-91B1.18-P-0041			209,720
REPLACE MAINS	331800	R24-91B1.18-P-0047			70,994
REPLACE MAINS	331800	R24-91B1.18-P-0055			99,899
REPLACE MAINS	331800	R24-91B1.18-P-0064			71,126
REPLACE MAINS	331800	R24-91C1.17-P-0001	17,693	987	26,404

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REPLACE MAINS	331800	R24-91C1.18-P-0001	120,748	212,462	165,792
REPLACE MAINS	331800	R24-91C1.18-P-0002		248,768	1,320
REPLACE MAINS	331800	R24-91C1.18-P-0003		121,748	2,197
REPLACE MAINS	331800	R24-91D1.12-P-0006		(600)	-
REPLACE MAINS	331800	R24-91D1.16-P-0003	2,346	38	38
REPLACE MAINS	331800	R24-91D1.16-P-0009		2,177	-
REPLACE MAINS	331800	R24-91D1.18-P-0003	33,261		-
REPLACE MAINS	331800	R24-91D1.18-P-0004			17,325
REPLACE MAINS	331800	R24-91F1.15-P-0002		0	
REPLACE MAINS	331800	R24-91F1.15-P-0004		233,833	2,581
REPLACE MAINS	331800	R24-91F1.15-P-0005		0	
REPLACE MAINS	331800	R24-91F1.16-P-0003	5,657	8,051	793
REPLACE MAINS	331800	R24-91F1.17-P-0001	1,052	303	39
REPLACE MAINS	331800	R24-91F1.18-P-0001	47,694	18,642	(1,448)
REPLACE MAINS	331800	R24-91H1.15-P-0001		0	1
REPLACE MAINS	331800	R24-91H1.16-P-0001			(15)
REPLACE MAINS	331800	R24-91H1.17-P-0001	180	189	365
TOTAL REPLACE MAINS			6,120,872	11,813,325	15,354,515
REPLACE SERVICES	333000	R24-110056-01	\$0	\$0	(\$0)
REPLACE SERVICES	333000	R24-11B1.18-P-0004	0		
REPLACE SERVICES	333000	R24-11B1.18-P-0005	(2)	3	
REPLACE SERVICES	333000	R24-11B1.18-P-0006	4	2	1
REPLACE SERVICES	333000	R24-11B1.18-P-0022		284	87
REPLACE SERVICES	333000	R24-11B1.18-P-0025		98	33
REPLACE SERVICES	333000	R24-11B1.18-P-0027		164	20
REPLACE SERVICES	333000	R24-11C1.17-P-0001	15,321	40,449	13,388
REPLACE SERVICES	333000	R24-11H1.18-P-0001	301,482	299,558	350,748
REPLACE SERVICES	333000	R24-21B1.16-P-0012	(64)		
REPLACE SERVICES	333000	R24-21B1.16-P-0016	(954)		
REPLACE SERVICES	333000	R24-21B1.17-P-0003	(3)	102	
REPLACE SERVICES	333000	R24-21B1.17-P-0005		49	
REPLACE SERVICES	333000	R24-21B1.17-P-0013	372		
REPLACE SERVICES	333000	R24-21B1.17-P-0015		(0)	
REPLACE SERVICES	333000	R24-21B1.17-P-0017		(373)	
REPLACE SERVICES	333000	R24-21B1.17-P-0019			2,909
REPLACE SERVICES	333000	R24-21H1.18-P-0001	86,666	151,382	179,842
REPLACE SERVICES	333000	R24-22B1.17-P-0005	628	(5,851)	
REPLACE SERVICES	333000	R24-22B1.17-P-0007	(73)		
REPLACE SERVICES	333000	R24-22B1.17-P-0008	(4)		
REPLACE SERVICES	333000	R24-22B1.17-P-0010	998	136	
REPLACE SERVICES	333000	R24-22B1.17-P-0011	(128)		
REPLACE SERVICES	333000	R24-22B1.18-P-0003			859
REPLACE SERVICES	333000	R24-22B1.18-P-0006			1,202
REPLACE SERVICES	333000	R24-22B1.18-P-0007			2,130
REPLACE SERVICES	333000	R24-22B1.18-P-0008			0
REPLACE SERVICES	333000	R24-22B1.18-P-0020			2,101
REPLACE SERVICES	333000	R24-22B1.18-P-0021			2,135
REPLACE SERVICES	333000	R24-22B1.18-P-0023			2,277
REPLACE SERVICES	333000	R24-22B1.18-P-0024			1,334
REPLACE SERVICES	333000	R24-22B1.18-P-0027			1,712
REPLACE SERVICES	333000	R24-22H1.18-P-0001	34,686	51,364	28,851
REPLACE SERVICES	333000	R24-23B1.16-P-0005		427	
REPLACE SERVICES	333000	R24-23B1.18-P-0003			62
REPLACE SERVICES	333000	R24-23H1.18-P-0001	13,056	21,903	11,268
REPLACE SERVICES	333000	R24-25B1.16-P-0002		(177,766)	
REPLACE SERVICES	333000	R24-25H1.18-P-0001	4,806	8,751	13,822
REPLACE SERVICES	333000	R24-31B1.15-P-0012			(69)
REPLACE SERVICES	333000	R24-31B1.16-P-0002	611		
REPLACE SERVICES	333000	R24-31B1.16-P-0003	229		
REPLACE SERVICES	333000	R24-31B1.16-P-0004	321		
REPLACE SERVICES	333000	R24-31B1.16-P-0007	240		
REPLACE SERVICES	333000	R24-31B1.16-P-0008	466	5,282	
REPLACE SERVICES	333000	R24-31B1.16-P-0015			(5,806)
REPLACE SERVICES	333000	R24-31B1.16-P-0016	2		(12,348)

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REPLACE SERVICES	333000	R24-31B1.16-P-0017			(15,834)
REPLACE SERVICES	333000	R24-31B1.16-P-0022	61		
REPLACE SERVICES	333000	R24-31B1.16-P-0023	1,629	(196)	
REPLACE SERVICES	333000	R24-31B1.17-P-0003		981	
REPLACE SERVICES	333000	R24-31B1.17-P-0004		710	
REPLACE SERVICES	333000	R24-31B1.17-P-0005		48	(43)
REPLACE SERVICES	333000	R24-31B1.17-P-0006		19	523
REPLACE SERVICES	333000	R24-31B1.17-P-0007		458	
REPLACE SERVICES	333000	R24-31B1.17-P-0008		4,295	
REPLACE SERVICES	333000	R24-31B1.17-P-0009		1,892	
REPLACE SERVICES	333000	R24-31B1.17-P-0010		263	1,710
REPLACE SERVICES	333000	R24-31B1.17-P-0011	234	(6,341)	(20,264)
REPLACE SERVICES	333000	R24-31B1.18-P-0002	96	(1)	
REPLACE SERVICES	333000	R24-31B1.18-P-0004	3,285	522	
REPLACE SERVICES	333000	R24-31B1.18-P-0005	140		
REPLACE SERVICES	333000	R24-31B1.18-P-0006	33	3	
REPLACE SERVICES	333000	R24-31B1.18-P-0008	(0)	0	
REPLACE SERVICES	333000	R24-31B1.18-P-0009	315	(8)	
REPLACE SERVICES	333000	R24-31B1.18-P-0011	44	4	
REPLACE SERVICES	333000	R24-31B1.18-P-0013	(186)		
REPLACE SERVICES	333000	R24-31H1.18-P-0001	38,510	45,609	14,704
REPLACE SERVICES	333000	R24-33B1.18-P-0007		4,486	13
REPLACE SERVICES	333000	R24-33B1.18-P-0008	34,249	1,177	
REPLACE SERVICES	333000	R24-33H1.18-P-0001	14,806	16,490	15,225
REPLACE SERVICES	333000	R24-41B1.17-P-0002		(3)	
REPLACE SERVICES	333000	R24-41B1.18-P-0002		3,361	(1)
REPLACE SERVICES	333000	R24-41B1.18-P-0004	631	(3)	2
REPLACE SERVICES	333000	R24-41B1.18-P-0005	18		3
REPLACE SERVICES	333000	R24-41H1.18-P-0001	(106)	13,120	(88)
REPLACE SERVICES	333000	R24-42B1.18-P-0004		453	19
REPLACE SERVICES	333000	R24-42H1.18-P-0001	1,732	2,332	3,099
REPLACE SERVICES	333000	R24-43H1.18-P-0001	797	2,094	1,021
REPLACE SERVICES	333000	R24-44H1.18-P-0001	1,741	7,927	(3,104)
REPLACE SERVICES	333000	R24-45B1.17-P-0003		446	
REPLACE SERVICES	333000	R24-45B1.18-P-0006			23
REPLACE SERVICES	333000	R24-45H1.17-P-0001	(104)		
REPLACE SERVICES	333000	R24-45H1.18-P-0001	1,633	5,447	7,955
REPLACE SERVICES	333000	R24-46D1.18-P-0002		1,683	
REPLACE SERVICES	333000	R24-46D1.18-P-0003		6,747	627
REPLACE SERVICES	333000	R24-46H1.17-P-0001	(1)	333	
REPLACE SERVICES	333000	R24-46H1.18-P-0001		930	328
REPLACE SERVICES	333000	R24-51B1.17-P-0012	20		
REPLACE SERVICES	333000	R24-51B1.17-P-0022	456		
REPLACE SERVICES	333000	R24-51B1.18-P-0004		2,553	4,600
REPLACE SERVICES	333000	R24-51H1.18-P-0001	103,297	80,268	61,068
REPLACE SERVICES	333000	R24-52H1.18-P-0001	30,631	24,549	3,486
REPLACE SERVICES	333000	R24-53B1.16-P-0004		(0)	
REPLACE SERVICES	333000	R24-53B1.17-P-0002		583	
REPLACE SERVICES	333000	R24-53B1.17-P-0004		2,039	44
REPLACE SERVICES	333000	R24-53B1.18-P-0002	259	298	60
REPLACE SERVICES	333000	R24-53D1.15-P-0002		(2,963)	
REPLACE SERVICES	333000	R24-53H1.18-P-0001	26,051	37,822	18,184
REPLACE SERVICES	333000	R24-54H1.18-P-0001	5,714	1,815	21,521
REPLACE SERVICES	333000	R24-55H1.17-P-0001		884	
REPLACE SERVICES	333000	R24-55H1.18-P-0001	(347)	16,206	5,775
REPLACE SERVICES	333000	R24-56B1.17-P-0003		(0)	
REPLACE SERVICES	333000	R24-56H1.17-P-0001			421
REPLACE SERVICES	333000	R24-56H1.18-P-0001	4,657	2,784	3,338
REPLACE SERVICES	333000	R24-57H1.17-P-0001			44
REPLACE SERVICES	333000	R24-57H1.18-P-0001	52,944	13,976	30,584
REPLACE SERVICES	333000	R24-59H1.18-P-0001	8,898	5,255	1,609
REPLACE SERVICES	333000	R24-61B1.16-P-0011			341
REPLACE SERVICES	333000	R24-61B1.17-P-0001	(8)		
REPLACE SERVICES	333000	R24-61B1.17-P-0007		3	457
REPLACE SERVICES	333000	R24-61D1.17-P-0002		4	

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REPLACE SERVICES	333000	R24-61H1.18-P-0001	22,760	52,516	20,187
REPLACE SERVICES	333000	R24-61H1.18-P-0003			732
REPLACE SERVICES	333000	R24-61H1.18-P-0004			22,770
REPLACE SERVICES	333000	R24-62B1.15-P-0004	11,565		
REPLACE SERVICES	333000	R24-62B1.16-P-0004	128,049		
REPLACE SERVICES	333000	R24-62B1.16-P-0005	27,417		
REPLACE SERVICES	333000	R24-62B1.16-P-0008	8,326		
REPLACE SERVICES	333000	R24-62B1.17-P-0001		(26,929)	
REPLACE SERVICES	333000	R24-62B1.17-P-0002	(2,926)	737	
REPLACE SERVICES	333000	R24-62B1.17-P-0003	32	2	
REPLACE SERVICES	333000	R24-62H1.17-P-0001	1,404	880	3,323
REPLACE SERVICES	333000	R24-62H1.18-P-0001	2,869	11,303	16,356
REPLACE SERVICES	333000	R24-62H1.18-P-0002	29,502	772	
REPLACE SERVICES	333000	R24-63B1.18-P-0002	(1,971)		
REPLACE SERVICES	333000	R24-63B1.18-P-0004		1,236	1,566
REPLACE SERVICES	333000	R24-63D1.18-P-0002	(4)	(78)	
REPLACE SERVICES	333000	R24-63H1.18-P-0001	10,127	5,284	4,781
REPLACE SERVICES	333000	R24-64B1.15-P-0001			(0)
REPLACE SERVICES	333000	R24-64B1.18-P-0001	65,560	8,423	(287)
REPLACE SERVICES	333000	R24-64H1.18-P-0001	16,220	9,158	(1,451)
REPLACE SERVICES	333000	R24-65H1.18-P-0001	(15)	46,154	11,983
REPLACE SERVICES	333000	R24-66H1.18-P-0001	5,436	3,166	165
REPLACE SERVICES	333000	R24-68B1.17-P-0002	79	(7)	
REPLACE SERVICES	333000	R24-68H1.18-P-0001	9,386	35,302	22,821
REPLACE SERVICES	333000	R24-71B1.18-P-0001	0		
REPLACE SERVICES	333000	R24-71B1.18-P-0002	1		
REPLACE SERVICES	333000	R24-71B1.18-P-0003	2		
REPLACE SERVICES	333000	R24-71C1.18-P-0001		78	
REPLACE SERVICES	333000	R24-71C1.18-P-0003			1,460
REPLACE SERVICES	333000	R24-71D1.18-P-0001	1,504	2,377	449
REPLACE SERVICES	333000	R24-71H1.17-P-0001	2,590		
REPLACE SERVICES	333000	R24-71H1.18-P-0001	5,937	3,340	17,323
REPLACE SERVICES	333000	R24-72H1.18-P-0001	10,207	5,177	4,467
REPLACE SERVICES	333000	R24-73B1.17-P-0001		(2,437)	
REPLACE SERVICES	333000	R24-73B1.18-P-0001	28,355	530	220
REPLACE SERVICES	333000	R24-73H1.18-P-0001	8,528	3,931	93,587
REPLACE SERVICES	333000	R24-74B1.18-P-0001	(2)		
REPLACE SERVICES	333000	R24-74H1.18-P-0001	3,336	2,603	238
REPLACE SERVICES	333000	R24-91B1.15-P-0037		(10,430)	
REPLACE SERVICES	333000	R24-91B1.16-P-0032		(123)	
REPLACE SERVICES	333000	R24-91B1.16-P-0034	18	215	10
REPLACE SERVICES	333000	R24-91B1.16-P-0060	260	1,231	2,689
REPLACE SERVICES	333000	R24-91B1.16-P-0061			1
REPLACE SERVICES	333000	R24-91B1.16-P-0076		(1,198)	
REPLACE SERVICES	333000	R24-91B1.17-P-0006		(180)	29
REPLACE SERVICES	333000	R24-91B1.17-P-0008			(220)
REPLACE SERVICES	333000	R24-91B1.17-P-0010	164	873	577
REPLACE SERVICES	333000	R24-91B1.17-P-0017		(682)	
REPLACE SERVICES	333000	R24-91B1.17-P-0018		(1,343)	
REPLACE SERVICES	333000	R24-91B1.17-P-0019		(2,327)	
REPLACE SERVICES	333000	R24-91B1.17-P-0020	33		
REPLACE SERVICES	333000	R24-91B1.17-P-0022	2,269	589	
REPLACE SERVICES	333000	R24-91B1.17-P-0023		(917)	
REPLACE SERVICES	333000	R24-91B1.17-P-0024		(1,914)	
REPLACE SERVICES	333000	R24-91B1.17-P-0025		(117)	
REPLACE SERVICES	333000	R24-91B1.17-P-0026		(178)	
REPLACE SERVICES	333000	R24-91B1.17-P-0027		(490)	
REPLACE SERVICES	333000	R24-91B1.17-P-0029		(1,291)	
REPLACE SERVICES	333000	R24-91B1.17-P-0030		(155)	
REPLACE SERVICES	333000	R24-91B1.17-P-0031		283	5
REPLACE SERVICES	333000	R24-91B1.17-P-0033	9	(1)	
REPLACE SERVICES	333000	R24-91B1.17-P-0034		(4,904)	11
REPLACE SERVICES	333000	R24-91B1.17-P-0037			(8)
REPLACE SERVICES	333000	R24-91B1.17-P-0038		(656)	
REPLACE SERVICES	333000	R24-91B1.17-P-0043		(137)	

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REPLACE SERVICES	333000	R24-91B1.17-P-0047	56		(52)
REPLACE SERVICES	333000	R24-91B1.17-P-0048	167		
REPLACE SERVICES	333000	R24-91B1.17-P-0049			4,240
REPLACE SERVICES	333000	R24-91B1.17-P-0050	3		
REPLACE SERVICES	333000	R24-91B1.17-P-0051	4,602	305	
REPLACE SERVICES	333000	R24-91B1.17-P-0052		(627)	
REPLACE SERVICES	333000	R24-91B1.17-P-0053			(2,370)
REPLACE SERVICES	333000	R24-91B1.17-P-0054		(227)	
REPLACE SERVICES	333000	R24-91B1.17-P-0056		(969)	
REPLACE SERVICES	333000	R24-91B1.17-P-0057		(1,250)	
REPLACE SERVICES	333000	R24-91B1.17-P-0058	229		
REPLACE SERVICES	333000	R24-91B1.17-P-0060	587	248	
REPLACE SERVICES	333000	R24-91B1.17-P-0061	151	(156)	
REPLACE SERVICES	333000	R24-91B1.17-P-0063		708	191
REPLACE SERVICES	333000	R24-91B1.17-P-0064		(1,479)	
REPLACE SERVICES	333000	R24-91B1.17-P-0065		(218)	
REPLACE SERVICES	333000	R24-91B1.18-P-0001		(141)	(3)
REPLACE SERVICES	333000	R24-91B1.18-P-0002			7
REPLACE SERVICES	333000	R24-91B1.18-P-0003	63	146	
REPLACE SERVICES	333000	R24-91B1.18-P-0004	(12)	(457)	
REPLACE SERVICES	333000	R24-91B1.18-P-0005	17,850	(0)	(14)
REPLACE SERVICES	333000	R24-91B1.18-P-0006		(1)	243
REPLACE SERVICES	333000	R24-91B1.18-P-0007	4		616
REPLACE SERVICES	333000	R24-91B1.18-P-0009			10,967
REPLACE SERVICES	333000	R24-91B1.18-P-0012			63,150
REPLACE SERVICES	333000	R24-91B1.18-P-0013			9,090
REPLACE SERVICES	333000	R24-91B1.18-P-0014	2,344	834	151
REPLACE SERVICES	333000	R24-91B1.18-P-0015			64,926
REPLACE SERVICES	333000	R24-91B1.18-P-0017			41,247
REPLACE SERVICES	333000	R24-91B1.18-P-0019	71,109	363	192
REPLACE SERVICES	333000	R24-91B1.18-P-0020			45,895
REPLACE SERVICES	333000	R24-91B1.18-P-0021			28,291
REPLACE SERVICES	333000	R24-91B1.18-P-0022			36,462
REPLACE SERVICES	333000	R24-91B1.18-P-0023			930
REPLACE SERVICES	333000	R24-91B1.18-P-0025			9,874
REPLACE SERVICES	333000	R24-91B1.18-P-0026	43,120	12,798	1,784
REPLACE SERVICES	333000	R24-91B1.18-P-0028			202
REPLACE SERVICES	333000	R24-91B1.18-P-0029	20,116	167	924
REPLACE SERVICES	333000	R24-91B1.18-P-0031			27,556
REPLACE SERVICES	333000	R24-91B1.18-P-0032			92,556
REPLACE SERVICES	333000	R24-91B1.18-P-0033			33,457
REPLACE SERVICES	333000	R24-91B1.18-P-0034			3,047
REPLACE SERVICES	333000	R24-91B1.18-P-0038			32,404
REPLACE SERVICES	333000	R24-91B1.18-P-0041			33,017
REPLACE SERVICES	333000	R24-91B1.18-P-0047			8,637
REPLACE SERVICES	333000	R24-91B1.18-P-0055			9,458
REPLACE SERVICES	333000	R24-91B1.18-P-0064			2,251
REPLACE SERVICES	333000	R24-91C1.17-P-0001	238	13	356
REPLACE SERVICES	333000	R24-91C1.18-P-0001	23,085	16,726	4,355
REPLACE SERVICES	333000	R24-91D1.12-P-0006		2,323	
REPLACE SERVICES	333000	R24-91D1.16-P-0003	174	3	3
REPLACE SERVICES	333000	R24-91F1.18-P-0001			898
REPLACE SERVICES	333000	R24-91H1.15-P-0001		10	22
REPLACE SERVICES	333000	R24-91H1.16-P-0001			(479)
REPLACE SERVICES	333000	R24-91H1.17-P-0001	9,163	9,638	18,613
REPLACE SERVICES	333000	R24-91H1.18-P-0001	510,993	415,146	457,316
TOTAL REPLACE SERVICES			\$1,891,859	\$1,290,891	\$2,018,202
REPLACE METERS	334100	R24-11J1.18-P-0001	273,420		391
REPLACE METERS	334100	R24-11J1.18-P-0004		2,808	
REPLACE METERS	334100	R24-11J1.18-P-0007			4,810
REPLACE METERS	334100	R24-11J1.18-P-0008			1,939
REPLACE METERS	334100	R24-11J1.18-P-0010			3,216
REPLACE METERS	334100	R24-21J1.18-P-0001	21,199	32,265	22,112
REPLACE METERS	334100	R24-21J1.18-P-0002	2,837		

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REPLACE METERS	334100	R24-21J1.18-P-0004	2,837		
REPLACE METERS	334100	R24-21J1.18-P-0017	4,398	365	(164)
REPLACE METERS	334100	R24-21J1.18-P-0020	4,398	731	(81)
REPLACE METERS	334100	R24-22J1.16-P-0003	(583)		
REPLACE METERS	334100	R24-22J1.18-P-0001	3,230	4,360	3,778
REPLACE METERS	334100	R24-23J1.18-P-0001	11,103	134,147	17,659
REPLACE METERS	334100	R24-23Q1.18-P-0004			1,790
REPLACE METERS	334100	R24-25J1.17-P-0001	(793)		
REPLACE METERS	334100	R24-25J1.18-P-0001	1,499	399	19
REPLACE METERS	334100	R24-25P1.18-P-0003	5,240	0	
REPLACE METERS	334100	R24-31J1.18-P-0001	2,500	12,494	(589)
REPLACE METERS	334100	R24-31J1.18-P-0005			1,806
REPLACE METERS	334100	R24-33J1.18-P-0001	576	6,333	3,409
REPLACE METERS	334100	R24-41J1.18-P-0001	2,084	2,398	1,512
REPLACE METERS	334100	R24-41J1.18-P-0002		11,451	(627)
REPLACE METERS	334100	R24-41J1.18-P-0003		7,778	(480)
REPLACE METERS	334100	R24-41J1.18-P-0005		7,865	(514)
REPLACE METERS	334100	R24-42J1.18-P-0001	5,904	475	(123)
REPLACE METERS	334100	R24-43J1.18-P-0001	3,306	376	526
REPLACE METERS	334100	R24-43Q1.18-P-0004		2,012	
REPLACE METERS	334100	R24-44J1.18-P-0001	66	(7)	
REPLACE METERS	334100	R24-45J1.18-P-0001		4,894	1,178
REPLACE METERS	334100	R24-46J1.17-P-0001	1,389	93	598
REPLACE METERS	334100	R24-51J1.18-P-0001	258,405	276,010	106,162
REPLACE METERS	334100	R24-52J1.18-P-0001	9,049	4,047	3,886
REPLACE METERS	334100	R24-53J1.17-P-0001		235	(104)
REPLACE METERS	334100	R24-53J1.18-P-0001	9,114	4,845	605
REPLACE METERS	334100	R24-54J1.18-P-0001	1,191	1,484	(228)
REPLACE METERS	334100	R24-55J1.17-P-0001		816	(265)
REPLACE METERS	334100	R24-55J1.18-P-0001	5,591	36,413	4,972
REPLACE METERS	334100	R24-56J1.18-P-0001	1,328	6,162	56
REPLACE METERS	334100	R24-57J1.18-P-0001	8,338	1,722	1,871
REPLACE METERS	334100	R24-59J1.18-P-0001	2,728	4,814	8,864
REPLACE METERS	334100	R24-61J1.18-P-0001	16,884	17,397	12,596
REPLACE METERS	334100	R24-61J1.18-P-0004			3,182
REPLACE METERS	334100	R24-61J1.18-P-0005			5,619
REPLACE METERS	334100	R24-62J1.18-P-0001	6,222	19,185	13,463
REPLACE METERS	334100	R24-63J1.17-P-0001		1,889	(840)
REPLACE METERS	334100	R24-63J1.18-P-0001	5,043	1,618	26,089
REPLACE METERS	334100	R24-64J1.18-P-0001	6,118	7,855	17,568
REPLACE METERS	334100	R24-65J1.18-P-0001	20,879	10,820	6,024
REPLACE METERS	334100	R24-68J1.18-P-0001	1,753	1,835	1,676
REPLACE METERS	334100	R24-71J1.18-P-0001	36,507	4,151	8,095
REPLACE METERS	334100	R24-72J1.18-P-0001	9,332	2,733	12,437
REPLACE METERS	334100	R24-73J1.18-P-0001	6,263	6,234	882
REPLACE METERS	334100	R24-74J1.18-P-0001	2,515	12,268	830
REPLACE METERS	334100	R24-79J1.18-P-0001		674	(304)
REPLACE METERS	334100	R24-91J1.17-P-0001	(5,092)		
REPLACE METERS	334100	R24-91J1.18-P-0001	729,581	326,836	135,616
REPLACE METERS	334100	R24-91J1.18-P-0024			4,110
REPLACE METERS	334100	R24-91J1.18-P-0035	5,839		
REPLACE METERS	334100	R24-91J1.18-P-0043	3,841	58	
REPLACE METERS	334100	R24-91J1.18-P-0054	6,709		
REPLACE METERS	334100	R24-91J1.18-P-0055	6,709		
REPLACE METERS	334100	R24-91J1.18-P-0060	6,912		
REPLACE METERS	334100	R24-91J1.18-P-0061	5,567		
REPLACE METERS	334100	R24-91J1.18-P-0065	5,904		
REPLACE METERS	334100	R24-91J1.18-P-0066			5,871
REPLACE METERS	334100	R24-91J1.18-P-0067	5,889		
REPLACE METERS	334100	R24-91J1.18-P-0070	4,112		
REPLACE METERS	334100	R24-91J1.18-P-0079	4,108		
REPLACE METERS	334100	R24-91J1.18-P-0081			4,079
REPLACE METERS	334100	R24-91J1.18-P-0085	5,892		
REPLACE METERS	334100	R24-91J1.18-P-0087	3,873		
REPLACE METERS	334100	R24-91J1.18-P-0088			5,898

Pennsylvania American Water Company
Qualifying DSIC Expenditures
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WORK ORDER	Utility Account	Work Order Number	Sep-18	Oct-18	Nov-18
REPLACE METERS	334100	R24-91J1.18-P-0089		2,761	35
REPLACE METERS	334100	R24-91J1.18-P-0090		4,121	
REPLACE METERS	334100	R24-91J1.18-P-0092		1,000	
REPLACE METERS	334100	R24-91J1.18-P-0093		2,318	489
TOTAL REPLACE METERS			\$1,541,715	\$991,536	\$451,401
REPLACE HYDRANTS	335000	R24-11B1.17			(4,110)
REPLACE HYDRANTS	335000	R24-11B1.17	(1)	1	(2)
REPLACE HYDRANTS	335000	R24-11B1.17	(1)	1	(1)
REPLACE HYDRANTS	335000	R24-11B1.17		347	
REPLACE HYDRANTS	335000	R24-11B1.17		69	74
REPLACE HYDRANTS	335000	R24-11B1.17	(26)	388	7
REPLACE HYDRANTS	335000	R24-11B1.17	100		
REPLACE HYDRANTS	335000	R24-11B1.17	1		
REPLACE HYDRANTS	335000	R24-11B1.17			67
REPLACE HYDRANTS	335000	R24-11B1.17	1	0	(0)
REPLACE HYDRANTS	335000	R24-11B1.17			116
REPLACE HYDRANTS	335000	R24-11B1.17	854	1	56
REPLACE HYDRANTS	335000	R24-11B1.17			261
REPLACE HYDRANTS	335000	R24-11B1.17	126		
REPLACE HYDRANTS	335000	R24-11B1.17	465		
REPLACE HYDRANTS	335000	R24-11B1.17	(26)		
REPLACE HYDRANTS	335000	R24-11B1.17	(0)	0	(1)
REPLACE HYDRANTS	335000	R24-11B1.17	535	(165)	
REPLACE HYDRANTS	335000	R24-11B1.18	1,182	1,424	(2)
REPLACE HYDRANTS	335000	R24-11B1.18		1,668	514
REPLACE HYDRANTS	335000	R24-11B1.18		1,993	(23)
REPLACE HYDRANTS	335000	R24-11F1.18	10,006		109
REPLACE HYDRANTS	335000	R24-21B1.16	(4,524)		
REPLACE HYDRANTS	335000	R24-21B1.16	(3,712)		
REPLACE HYDRANTS	335000	R24-21B1.16	(1,877)		
REPLACE HYDRANTS	335000	R24-21F1.16		(24)	
REPLACE HYDRANTS	335000	R24-21F1.18	4,509		
REPLACE HYDRANTS	335000	R24-23F1.18	(102)	610	156
REPLACE HYDRANTS	335000	R24-25B1.16		(17,250)	
REPLACE HYDRANTS	335000	R24-25F1.17	(394)		
REPLACE HYDRANTS	335000	R24-31B1.16	240		
REPLACE HYDRANTS	335000	R24-31B1.18		5,083	361
REPLACE HYDRANTS	335000	R24-31F1.18	30		
REPLACE HYDRANTS	335000	R24-33F1.18	666	(3,725)	(1,493)
REPLACE HYDRANTS	335000	R24-41B1.17		(2)	
REPLACE HYDRANTS	335000	R24-42F1.18	811	118	
REPLACE HYDRANTS	335000	R24-45B1.18			1,240
REPLACE HYDRANTS	335000	R24-45F1.17	(141)		
REPLACE HYDRANTS	335000	R24-51B1.16	(49)		
REPLACE HYDRANTS	335000	R24-51B1.17	9,842		
REPLACE HYDRANTS	335000	R24-51B1.17	202		
REPLACE HYDRANTS	335000	R24-51B1.17	558		
REPLACE HYDRANTS	335000	R24-51B1.17	29		
REPLACE HYDRANTS	335000	R24-51B1.17	(26)	13,898	
REPLACE HYDRANTS	335000	R24-51B1.18		111,323	59,811
REPLACE HYDRANTS	335000	R24-51B1.18		5,207	9,710
REPLACE HYDRANTS	335000	R24-51F1.18	12,487	19,741	26,055
REPLACE HYDRANTS	335000	R24-52F1.18	708	(3,853)	878
REPLACE HYDRANTS	335000	R24-53B1.17		163	
REPLACE HYDRANTS	335000	R24-53C1.18			9,440
REPLACE HYDRANTS	335000	R24-53D1.15		(9,748)	
REPLACE HYDRANTS	335000	R24-53F1.17	271	763	452
REPLACE HYDRANTS	335000	R24-53F1.18	(66)	(116)	508
REPLACE HYDRANTS	335000	R24-54F1.18			6,968
REPLACE HYDRANTS	335000	R24-55F1.18		(776)	(1,640)
REPLACE HYDRANTS	335000	R24-56B1.17		0	
REPLACE HYDRANTS	335000	R24-56F1.18	(672)	1,378	1,325
REPLACE HYDRANTS	335000	R24-57F1.18	8	350	(359)
REPLACE HYDRANTS	335000	R24-59F1.18	1,058	113	

Pennsylvania American Water Company
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WORK ORDER	Utility Account	Work Order Number	Sep-18	Oct-18	Nov-18
REPLACE HYDRANTS	335000	R24-61B1.16			3,339
REPLACE HYDRANTS	335000	R24-61B1.17	(4)		
REPLACE HYDRANTS	335000	R24-61B1.17		7	1,114
REPLACE HYDRANTS	335000	R24-61D1.17		64	
REPLACE HYDRANTS	335000	R24-61F1.18	3,061	(3,239)	
REPLACE HYDRANTS	335000	R24-62B1.16	(141,776)		
REPLACE HYDRANTS	335000	R24-62B1.16	10,700		
REPLACE HYDRANTS	335000	R24-62B1.16	8,765		
REPLACE HYDRANTS	335000	R24-62B1.17		27,401	
REPLACE HYDRANTS	335000	R24-62B1.17	(2,184)	550	
REPLACE HYDRANTS	335000	R24-62B1.17	53	4	
REPLACE HYDRANTS	335000	R24-62F1.17	609	123	798
REPLACE HYDRANTS	335000	R24-62F1.18			(521)
REPLACE HYDRANTS	335000	R24-62F1.18	80,876	11,695	6,549
REPLACE HYDRANTS	335000	R24-63B1.18		1,688	1,820
REPLACE HYDRANTS	335000	R24-63D1.18	(2)	(33)	
REPLACE HYDRANTS	335000	R24-63F1.18	2,924	(86)	
REPLACE HYDRANTS	335000	R24-64F1.18	3,278	(3,021)	
REPLACE HYDRANTS	335000	R24-65B1.17	1,460	5,180	2,771
REPLACE HYDRANTS	335000	R24-65B1.18			26,000
REPLACE HYDRANTS	335000	R24-65F1.17		(2,458)	
REPLACE HYDRANTS	335000	R24-65F1.18	(172)	(811)	6,747
REPLACE HYDRANTS	335000	R24-66F1.18			4,127
REPLACE HYDRANTS	335000	R24-68F1.18	1,579		
REPLACE HYDRANTS	335000	R24-71B1.18	0		
REPLACE HYDRANTS	335000	R24-71B1.18	2		
REPLACE HYDRANTS	335000	R24-71F1.17	250		
REPLACE HYDRANTS	335000	R24-71F1.18	1,712	(1,542)	(118)
REPLACE HYDRANTS	335000	R24-71F1.18		18	
REPLACE HYDRANTS	335000	R24-73B1.18	13,257	248	103
REPLACE HYDRANTS	335000	R24-73B1.18	9,506	2,951	444
REPLACE HYDRANTS	335000	R24-73F1.18	6,362		
REPLACE HYDRANTS	335000	R24-73F1.18		2,088	99
REPLACE HYDRANTS	335000	R24-91B1.16	7	88	4
REPLACE HYDRANTS	335000	R24-91B1.16			0
REPLACE HYDRANTS	335000	R24-91B1.17			(45)
REPLACE HYDRANTS	335000	R24-91B1.17	60	318	210
REPLACE HYDRANTS	335000	R24-91B1.17		(82)	
REPLACE HYDRANTS	335000	R24-91B1.17		(1,140)	
REPLACE HYDRANTS	335000	R24-91B1.17	147	38	
REPLACE HYDRANTS	335000	R24-91B1.17		(155)	
REPLACE HYDRANTS	335000	R24-91B1.17		(21)	
REPLACE HYDRANTS	335000	R24-91B1.17		(128)	
REPLACE HYDRANTS	335000	R24-91B1.17		46	1
REPLACE HYDRANTS	335000	R24-91B1.17	2	(0)	
REPLACE HYDRANTS	335000	R24-91B1.17		(142)	0
REPLACE HYDRANTS	335000	R24-91B1.17		(897)	
REPLACE HYDRANTS	335000	R24-91B1.17	1		(1)
REPLACE HYDRANTS	335000	R24-91B1.17			108
REPLACE HYDRANTS	335000	R24-91B1.17	361	24	
REPLACE HYDRANTS	335000	R24-91B1.17			(116)
REPLACE HYDRANTS	335000	R24-91B1.17		(5)	
REPLACE HYDRANTS	335000	R24-91B1.17		(160)	
REPLACE HYDRANTS	335000	R24-91B1.17	605	255	
REPLACE HYDRANTS	335000	R24-91B1.17		75	20
REPLACE HYDRANTS	335000	R24-91B1.17		(53)	
REPLACE HYDRANTS	335000	R24-91B1.18		(0)	26
REPLACE HYDRANTS	335000	R24-91B1.18			54,097
REPLACE HYDRANTS	335000	R24-91B1.18	960	341	62
REPLACE HYDRANTS	335000	R24-91B1.18	8,717	45	24
REPLACE HYDRANTS	335000	R24-91B1.18			6,454
REPLACE HYDRANTS	335000	R24-91B1.18	10,838	90	498
REPLACE HYDRANTS	335000	R24-91B1.18			16,703
REPLACE HYDRANTS	335000	R24-91D1.12		(1,723)	
REPLACE HYDRANTS	335000	R24-91D1.16	174	3	3

Pennsylvania American Water Company
Qualifying DSIC Expenditures
Transferred Amounts
September 2018 - November 2018

WORK ORDER	Utility Account	Work Order Number	Sep-18	Oct-18	Nov-18
REPLACE HYDRANTS	335000	R24-91D1.16		(2,177)	0
REPLACE HYDRANTS	335000	R24-91F1.17	666	192	25
REPLACE HYDRANTS	335000	R24-91F1.18	17,200	86,953	53,011
TOTAL REPLACE HYDRANTS			\$73,065	\$251,593	\$294,831
TOTAL DSIC EXPENDITURES			\$9,627,511	\$14,347,344	\$18,118,950

DISTRIBUTION SYSTEM IMPROVEMENT CHARGE

(Informational Filing)

PA AMERICAN WATER

Wastewater Operations

January 1, 2019

Expenditures January 1st 2018 to November 30th 2018

Applicable to all rate zones except:

Rate Zone 6 - Mckeesport

PENNSYLVANIA AMERICAN WATER
WASTEWATER DISTRIBUTION SYSTEM IMPROVEMENT CHARGE
PAGE 1

DESCRIPTION	SURCHARGE EFFECTIVE January 1, 2019
DSIC ELIGIBLE GROSS PLANT ADDITIONS *	\$ 2,660,715
ANNUAL RECONCILIATION **	0
RECONCILIATION OF PRIOR YEAR E FACTOR (RECOVERED OVER ONE QUARTER) (e)	0
REVENUE REQUIREMENT FOR ANNUAL RECONCILIATION AND PRIOR YEAR E FACTOR	0
TOTAL QUARTERLY DISTRIBUTION SYSTEM IMPROVEMENT CHARGE REVENUE REQUIREMENT	0
MONTHLY RECOVERABLE AMOUNT FOR REVENUE REQUIREMENT	0
MONTHLY RECOVERABLE AMOUNT FOR ANNUAL RECONCILIATION AND PRIOR YEAR E FACTOR	0
BASE RATE REVENUE TO BE COLLECTED DURING APRIL THROUGH JUNE (PQR)	0
CURRENT YEAR DISTRIBUTION SYSTEM IMPROVEMENT CHARGE	0.00%
ANNUAL RECONCILIATION AND PRIOR YEAR E FACTOR CHARGE	0.00%
DISTRIBUTION SYSTEM IMPROVEMENT CHARGE (DSIC)	0.00%
* R-2017-2595853 DSIC ELIGIBLE GROSS PLANT ADDITIONS - SETTLEMENT APPENDIX E - ANNUAL ADDITIONS \$6,770,153	

STATE ACCOUNT	DESCRIPTION	JANUARY 2018	FEBRUARY 2018	MARCH 2018	APRIL 2018	MAY 2018	JUNE 2018	JULY 2018	AUGUST 2018	SEPTEMBER 2018	OCTOBER 2018	NOVEMBER 2018	TOTAL
380000	Mains - Force	\$43,184	\$291,011	\$1,634	\$4,908	-\$47,931	\$2,993	\$29,660	\$0	(64,183)	-	(16,824)	\$244,343
381100	Mains - Gravity	410,220	(112,385)	103,275	73,766	23,238	48,789	57,366	201,678	56,489	180,913	555,088	1,638,437
361200	Manholes												-
363000	Service Laterals	18,220	44,488	78,670	84,897	196,168	133,908	53,907	32,198	66,760	21,488	35,281	766,085
364000	Flow Measuring Devices												-
365000	Flow Measuring Installs												-
354300	Other Related Capitalized Costs (LIR Station Structure)												-
355300	STATION - POWER GENERATION EQUIPMENT PUMPING)									3,778	-	-	3,778
371000	Other Related Capitalized Costs (LIR Station Pumping Equipment)												-
380000	Other Related Capitalized Costs (LIR Station Treatment Equipment)	480	207			2,441				4,844	-	-	8,973
	ADDITIONS	472,924	223,321	183,969	163,571	173,917	185,660	140,933	293,876	97,789	182,401	573,645	2,660,715

Pennsylvania American Water Company
Qualifying DSIC Expenditures
Transferred Amounts
September 2018 - November 2018

WORK ORDER	Utility Account	Work Order Number	Sep-18	Oct-18	Nov-18
REPLACE COLLECTION MAINS - FORCE	360000	R24-35D1.15-P-0002	\$10,425		
REPLACE COLLECTION MAINS - FORCE	360000	R24-47B1.17-P-0002	(764)		
REPLACE COLLECTION MAINS - FORCE	360000	R24-47B1.17-P-0004	(14,275)		
REPLACE COLLECTION MAINS - FORCE	360000	R24-67C1.18-P-0001			1,805
REPLACE COLLECTION MAINS - FORCE	360000	R24-67D1.17-P-0001	(59,569)		(18,628)
TOTAL - REPLACE COLLECTION MAINS - FORCE			<u>(\$64,183)</u>	<u>\$0</u>	<u>(\$16,824)</u>
REPLACE COLLECTIONS MAINS - GRAVITY	361000	I24-690001-07	\$4,508	(\$560)	\$431
REPLACE COLLECTIONS MAINS - GRAVITY	361000	R24-26B1.15-P-0002	171		
REPLACE COLLECTIONS MAINS - GRAVITY	361000	R24-38F1.18-P-0001			(2,250)
REPLACE COLLECTIONS MAINS - GRAVITY	361000	R24-47F1.18-P-0001		989	17,884
REPLACE COLLECTIONS MAINS - GRAVITY	361000	R24-58B1.17-P-0001		(6,991)	
REPLACE COLLECTIONS MAINS - GRAVITY	361000	R24-58B1.17-P-0002		(16,829)	
REPLACE COLLECTIONS MAINS - GRAVITY	361000	R24-58B1.17-P-0003		(31,135)	
REPLACE COLLECTIONS MAINS - GRAVITY	361000	R24-58B1.17-P-0004		(8,578)	
REPLACE COLLECTIONS MAINS - GRAVITY	361000	R24-67B1.18-P-0009			387,255
REPLACE COLLECTIONS MAINS - GRAVITY	361000	R24-67C1.18-P-0001			29,922
REPLACE COLLECTIONS MAINS - GRAVITY	361000	R24-69B1.17-P-0002		(242)	
REPLACE COLLECTIONS MAINS - GRAVITY	361000	R24-69B1.18-P-0001		146,310	(146,310)
REPLACE COLLECTIONS MAINS - GRAVITY	361000	R24-87C1.18-P-0001	2,701	24,066	
REPLACE COLLECTIONS MAINS - GRAVITY	361000	R24-92B1.17-P-0002	(0)	863	12,985
REPLACE COLLECTIONS MAINS - GRAVITY	361000	R24-92B1.18-P-0007			155,363
REPLACE COLLECTIONS MAINS - GRAVITY	361000	R24-92C1.17-P-0001	18,146	12,151	20,900
REPLACE COLLECTIONS MAINS - GRAVITY	361000	R24-92C1.18-P-0001	5,996	6,169	31,792
REPLACE COLLECTIONS MAINS - GRAVITY	361000	R24-92F1.17-P-0001			2,692
REPLACE COLLECTIONS MAINS - GRAVITY	361000	R24-92F1.18-P-0001	24,968	34,700	44,424
TOTAL - REPLACE COLLECTIONS MAINS - GRAVITY			<u>\$56,489</u>	<u>\$160,913</u>	<u>\$555,088</u>
REPLACE SERVICE LATERIALS	363000	R24-35H1.18-P-0001	\$209		
REPLACE SERVICE LATERIALS	363000	R24-38H1.18-P-0001		8,646	573
REPLACE SERVICE LATERIALS	363000	R24-58H1.18-P-0001	4,218	818	0
REPLACE SERVICE LATERIALS	363000	R24-67F1.18-P-0001	44,719		972
REPLACE SERVICE LATERIALS	363000	R24-67H1.18-P-0001		8,771	16,760
REPLACE SERVICE LATERIALS	363000	R24-69H1.17-P-0001		(7,970)	
REPLACE SERVICE LATERIALS	363000	R24-69H1.18-P-0001	1,230	2,535	5,507
REPLACE SERVICE LATERIALS	363000	R24-87H1.18-P-0001	9,637	250	7,080
REPLACE SERVICE LATERIALS	363000	R24-92F1.17-P-0001			2,692
REPLACE SERVICE LATERIALS	363000	R24-92H1.18-P-0001	6,748	8,438	1,797
TOTAL - REPLACE SERVICE LATERIALS			<u>\$66,760</u>	<u>\$21,488</u>	<u>\$35,381</u>
OTHER RELATED CAPITALIZED COSTS (LIFT STATION - PWR GEN EQUIP, PUMPING)	355300	R24-38Q1.18-P-0006	3,778		
TOTAL - (LIFT STATION - POWER GENERATION EQUIPMENT PUMPING)			<u>3,778</u>	<u>-</u>	<u>-</u>
OTHER RELATED CAPITALIZED COSTS (LIFT STATION - PUMPING EQUIPMENT)	371100	R24-35Q1.17-P-0003	4,944		
TOTAL - (LIFT STATION - PUMPING EQUIPMENT)			<u>4,944</u>	<u>-</u>	<u>-</u>
TOTAL DSIC EXPENDITURES			<u>67,789</u>	<u>182,401</u>	<u>573,645</u>