

CASE MANAGEMENT

MAY 16 2019

BOARD OF PUBLIC UTILITIES TRENTON, NJ

CASE MANAGEMENT

2019 HAY 15 P 1:31

BOARD OF PUBLIC UTILITIES
TRENTON, NJ P 856,955,4879

Christine Soares, Corporate Counsel P 85 christine.soares@amwater.com One Water Street Camden, NJ 08102

May 15, 2019

Via Email and Overnight Mail

Hon. Ada Camacho-Welch, Secretary Board of Public Utilities 44 South Clinton Avenue 3rd Floor, Suite 314 P.O. Box 350 Trenton, NJ 08625-0350

Re:

New Jersey-American Water Company, Inc. Distribution System Improvement Charge

BPU Docket No. WR17111183

RECEIVED MAIL ROOM

MAY 16 2019

BOARD OF PUBLIC US ALLES TRENTON, No.

Dear Secretary Camacho-Welch:

Enclosed for filing on behalf of New Jersey-American Water Company, Inc. (the "Company" or "NJAWC"), please find an original and 11 copies of the Company's Distribution System Improvement Charge ("DSIC") calculation for the October 29, 2018 to April 30, 2019 DSIC Recovery Period, which includes the gap period of April 2018 through October 28, 2019, as well as Thirteenth Revised Tariff Sheet No. 47. Kindly stamp one copy as "Filed" and return it in the enclosed, self-addressed stamped envelope.

The filing consists of Schedule A, the calculation of the first surcharge from the Company's Third Foundational Filing; Schedule B, the proof of revenue and reconciliation; Schedule C, the detailed replacement project list; and Schedule D, the breakdown of blanket mains, valves, hydrants and services, and the plant comprising the base spending for the Company's third full DSIC year under its Third Foundational Filing.

Please be advised that recovery of the costs of projects categorized as "Emergent" or "Unscheduled" in Schedule C are being sought as previously approved projects in the Company's 2015 Foundational Filing under the DSIC carry-over regulations. See N.J.A.C. 14:9-10.7; see also I/M/O the Petition of New Jersey-American Water Company, Inc. DSIC Foundational Filing, BPU Docket No. WR15060724, p.2, ¶4 (Sep. 11, 2015 Order).

Hon. Ada Camacho-Welch, Secretary New Jersey-American Water Company, Inc. DSIC Surcharge Filing BPU Docket No. WR17111183 May 15, 2019 Page 2 of 2

Please do not hesitate to contact me if you have any questions or require any additional information regarding this filing.

Respectfully submitted,

Christine Soares

CS:dic Enc.

cc: Service list (w/enc., via e-mail)

New Jersey American Water DSIC Surcharge Filing #1

Total Proposed DSIC Additions (4/01/2018 - 4/30/2019)	\$	143,832,851
Less: Base Expenditures (4/01/2018 - 4/30/2019)		(17,304,894)
Eligible Investment (Qualified DSIC Additions to UPIS During DSIC Period)	-	126,527,957 (A)
Less: Accum Depr		(1,048,600) (B)
Less: Deferred Tax		(355,496) (C)
Eligible Net Investment (net DSIC Additions to UPIS During DSIC Period)		125,123,860
Times Pre-Tax ROR	X	8.8392% (D)
Pre-Tax Return on Investment		11,059,960
Add: Depreciation		1,935,878
Revenue Recovery	•	12,995,838
Revenue Factor		\$1.165772 (E)
DSIC Revenue Requirement Recovery Amount - Annual		15,150,178
DSIC Revenue Requirement Recovery Amount - Monthly		\$1,262,515

UPIS ADDITIONS SUMMARY

(A) - Includes actual DSIC eligible projects closed to UPIS during DSIC Period

Asset Category	UPIS	Schedule
Main Replacements & Rehab	\$83,963,554	Schedule C
Blanket Hydrant & Valve Replacements	14,294,024	Schedule D
Blanket Service Replacements	28,270,379	Schedule D
Base Spend	17,304,894	Schedule D
Subtotal	\$143,832,851	

(B) - Accumulated Depreciation:

-,	
DSIC Eligible projects closed to UPIS	\$126,527,957
Composite Depreciation rate	1.53%
Depreciation Expense	1,935,878
1/2 Year Convention	1,048,600

(C) - Deferred Taxes:

,,	
DSIC Eligible projects closed to UPIS	\$126,527,957
MACRS rate for 1st Year Water Plant	4.00%
Tax Depreciation 1st Year	2,741,439
Less: Book Depreciation	1,048,600
Tax Depr Greater than Book	1,692,839
Deferred Taxes at 21%	\$355,496

(D) - Pre-Tax Rate of Return:

			Weighted Average	Pre-Tax
	Ratios	Cost Rate	Cost of Capital	ROR
Long Term Debt	46.00%	4.95%	2.2772%	2.2772%
Common Equity	54.00%	9.60%	5.1840%	6.5620%
Subtotal Return on Rate Base	100.00%		7.4612%	8.8392%

(E) - REVENUE FACTOR:	
Dollar of Revenue	\$1.000000
Less: GRT Tax	(0.134435) (per WR17090985)
Less: Bad Debts & Reg Assessments	(0.004900) (per WR17090985)
Less: BPU Assessment	(0.002311) (per most recent assessment)
Less: DRC Assessment	(0.000553) [per most recent assessment]
Revenue remaining after taxes, bad debts, and assessments	0.857801

Revenue [Gross-up] Factor \$1.165772

(F)- Revenue Requirement:

Please note that the revenue requirement is limited by the DSIC-cap. For example if the Company's annual revenues established in their last base rate case were \$100,000,000, then the DSIC-cap would be calculated as follows:

Total annual revenues from most recent base rate case of \$100,000,000 X 5.00% = \$5,000,000 The Company's revenue requirement in the above example can not be greater than \$5,000,000 per year.

Monthly cost per 5/8th Inch Meter - Typical Residential Customer -DSIC Revenue as a % of total Water Revenue \$739,384,237

\$1.46
 2.05%

Schedule B

DSIC SURCHARGE BILL IMPACT

NEW JERSEY-AMERICAN WATER COMPANY

BASIS FOR ALLOCATING METER COSTS TO CUSTOMER CLASSIFICATIONS

5/8" Equivalent	Number		Number					
Equivalent			Number		Number		Number	
	of Meters*	Weighting	of Meters*	Weighting	of Meters*	Weighting**	of Meters*	Weightin
1.0	553,259	553,259	1	1	20	17	553,280	553,277
1.5	18,139	27,209	o	à	2	3		27,212
2.5	44,006	110,015	O	G	3	6	44,009	110,021
5.0	4,256	21,280	a	0	0	O	4,256	21,280
0.8	12,191	97,528	1	8	4	28	12,196	97,564
15.0	931	13,965	3	45	2	26	936	14,036
25.0	823	20,575	16	400	4	86	843	21,061
50.0	199	9,950	24	1,200	0	٥	223	11,150
80.0	67	5,360	11	880	2	138	80	6,378
100,0	30	3,000	2	200	2	172	34	3,372
125.0	6	750	0	0	0	0	6	750
200.0	0	0	0	0	0	0	0	a
	633,907	862,891	58	2,734	39	476	634,004	866,101
	1.5 2.5 · 5.0 8.0 15.0 25.0 50.0 80.0 100.0 125.0	1.5 18,139 2.5 44,006 5.0 4,256 8.0 12,191 15.0 931 25.0 823 50.0 199 80.0 67 100.0 30 125.0 6 200.0 0	1.5 18,139 27,209 2.5 44,006 110,015 5.0 4,256 21,280 8.0 12,191 97,528 15.0 931 13,965 25.0 823 20,575 50.0 199 9,950 80.0 67 5,360 100.0 30 3,000 125.0 6 750 200.0 0 0	1.5 18,139 27,209 0 2.5 44,006 110,015 0 5.0 4,256 21,280 0 8.0 12,191 97,528 1 15.0 931 13,965 3 25.0 823 20,575 16 50.0 199 9,950 24 80.0 67 5,360 11 100.0 30 3,000 2 125.0 6 750 0 200.0 0 0 0	1.5 18,139 27,209 C C 2.5 44,006 110,015 O C 5.0 4,256 21,280 C O 8.0 12,191 97,528 1 8 15.0 931 13,965 3 45 25.0 823 20,575 16 400 50.0 199 9,950 24 1,200 80.0 67 5,360 11 880 100.0 30 3,000 2 200 125.0 6 750 0 0 200.0 0 0 0 0	1.5 18,139 27,209 0 0 2 2.5 44,006 110,015 0 0 3 5.0 4,256 21,280 0 0 0 8.0 12,191 97,528 1 8 4 15.0 931 13,965 3 45 2 25.0 823 20,575 16 400 4 50.0 199 9,950 24 1,200 0 80.0 67 5,360 11 880 2 100.0 30 3,000 2 200 2 125.0 6 750 0 0 0 200.0 0 0 0 0	1.5 18,139 27,209 0 0 2 3 2.5 44,006 110,015 0 0 3 6 5.0 4,256 21,280 0 0 0 0 8.0 12,191 97,528 1 8 4 28 15.0 931 13,965 3 45 2 26 25.0 823 20,575 16 400 4 86 50.0 199 9,950 24 1,200 0 0 0 80.0 67 5,360 11 880 2 138 100.0 30 3,000 2 200 2 172 125.0 6 750 0 0 0 0 0 200.0 0 0 0 0 0 0 0	1.5 18,139 27,209 0 0 2 3 18,141 2.5 44,006 110,015 0 0 3 6 44,009 5.0 4,256 21,280 0 0 0 0 0 4,256 8.0 12,191 97,528 1 8 4 28 12,196 15.0 931 13,965 3 45 2 26 936 25.0 823 20,575 16 400 4 86 843 50.0 199 9,950 24 1,200 0 0 0 223 80.0 67 5,360 11 880 2 138 80 100.0 30 3,000 2 200 2 172 34 125.0 6 750 0 0 0 0 0 0 200.0 0 0 0 0 0 0 0

^{*}Meter Count as of 04/30/19

PROOF OF REVENUE (Monthly Charge)

Annual Revenue
Monthly Revenue
Weighted No of Meters
5/8"Meter Monthly Charge

15,150,178 1,262,515 (a) (b)= (a)/12

866,101 (c) 1.46 (d)=(b)/(c)

			GMS		Resale			Exempt		
Meter Size	5/8" Equivalent	Charge	Charge x Meters	Charge	Charg	e x Meters	Charge	Charge	x Meters	Total Revenue
5/8	1.0	\$1.46	\$806,485	\$1.45	\$	1	\$1.26	\$	25	\$806,512
3/4	1.5	2.19	39,662	2.19		-	1.89		4	39,666
1	2.5	3,64	160,369	3.64		-	3.14		9	160,378
1-1/2	5.0	7.29	31,020	7,29		-	6.28		-	31,020
2	8.0	11.66	142,166	11.66		12	10.06		40	142,218
3	15,0	21.87	20,357	21.87		66	18.85		38	20,460
4	25.0	36.44	29,992	36.44		583	31.42		126	30,701
6	50.0	72,88	14,504	72.88		1,749	62.85		-	16,253
8	80.0	116.62	7,813	116.62		1,283	100.56		201	9,297
10	100.0	145.77	4,373	145.77		292	125.70		251	4,916
12	125.0	182.21	1,093	182.21		-	157.12		•	1,093
16	200.0	291.54	-	291.54		-	251.40		-	-
Total			\$1,257,835			\$3,985			\$695	\$1,262,515

⁽a) Per Schedule A, DSIC Revenue Requirement Recovery Amount - Annual

^{**}Weighting deducts impact of GRAFT of .862317

tersey American Water															Schedule C
Surcharge Filing #1 May 201			Actual Lengths - A			int of		-54.C.Z.H				NOU A THAT RE	7- 4-A		
September 100	decentification (Control of Control of Contr		Actual Lengths A	tual Dia	Material		Cultury Dia	Existing Pipe Materia	I. Accelerated investment Category	Secondary Asset Investment L Category	in Service		toration Costs for	injected in Sec Date	Projected Cost 25 Foundational Filing App
6936 6094, 6095	Galloway: Moss Mill Rd (Smithville OC-7th, Haven and Aldrich	Replacement Replacement	1,020	8 16	QI PVC	2018 2018	4	a a	Safety/ Reflability Relocation	System Flows Safety/ Reliability	8/28/2018 8/17/2018	6,841 730,226	145,912	180 180	613,100 WR15060724
9957	OC- 701, Never and Alazich OC-45th Street service repair	Replacement	75	16	DI	2018	16	AC (Lock joint)	Safety/ Reliability	None	8/7/2018	174,688		Emergent	- WR15060724
9559	Galloway- Filmore Avenue	Replacement	350		DI	2018	2	GALV	Water Quality	None	6/22/2018	40,298	15,560	Emergent	 WR15060724
6390, 6253, 6274, 6417	OC- 2nd, Bay Ave, 6th Street	Replacement	2,320	12	PVC	2018	4	a	Safety	System Flows	12/17/2018	1,140,779	156,056	TBD	1,107,925 WR15060724 WR15060724
9582	QC- West Ave between 5th- 6th	Replacement	680	8	PVC	2018	6	œ	System flows and Pressure	None	12/17/2018	190,322 1_352,750	14,054 136.935	Emergent TBD	782,225 WR15060724
6265, 6446 5465	OC- S5th Street & Central Avenue Unwood- Kirkland Avenue (Shore to	Replecement Replacement	2,709 2,350	12 12	PVC DI	2018 1950	4	ĆT AC	Safety/ Reliability Safety and Reliability/Structural	System Flows and Pressure System Flows and Pressure	1/3/2019 3/20/2019	643,501	75,200	201903	587,500 WR15060724
626S, 6446	OC- West Ave (\$5th -\$9th)	Replacement	2,225	8	PVC	1970	8	AC	Systems Flows/Pressure	None	2/27/2019	938,549	201,550	TBD	782,555 WR15060724
6148,6149,6150,6508,6509	Upper Township-Seaview, Seacist,	Replacement	2,850	8	PVC	1950	4	٠ ۵	Systems Flows/Pressure	Conservation	2/27/2019	609,894	164,800	TBD	570,000 WALS060724
6537, 6503	Linwood-Frances and Grammercy	Replacement		8 & 12	DI	1950	6	AC	Safety and Reliability/Structural	Systems Flows and Pressures	3/22/2019	774,387	195,GB3	TBD	703,000 WR15060724 305,000 WR17111183
8382	Linwood- Edgewood Avenue	Replacement	1,220	. B	DI	1950	6	AC AC	System Flows/Pressures System Flows/Pressures	Water Quality None	4/9/2019 4/15/2019	307,858 348 447	83,930 98.975	2019Q3	280,000 WAL7111183
9787, 9788 231, 232	OC- Simpson, Haven and S6th OC- 10th and Little Atlantic	Replacement Replacement	4,000 1,085	8 & 12 12	PVC PVC	1970 1910	3 4	AC AC	System Flows/Pressures	None	4/9/2019	356,203	37,570	201901	276.875 WR17111183
55 1 5 .	Mt Holly/Westampton - Rancocas 8d W	Replacement	2,635	12	DI	2018	6	ri Ci	System Flows	Water Quality	8/10/2018	1,183,102	495,398	TBD	600,000 WR17111183
7545	Mt Holly - Rancocas Rd EAST & Brown	Replacement	1,926	12	01	3018	6	CI	Safety/ Reliability	System Flows/ Pressure	9/5/2018	1,210,112	107,800	2018Q4	500,000 WR17111183
7952	Beverly-Magnolia Or and 3rd Street	Replacement	930	8	DI	1930	4	cı	Relocation/Opportunity	System Flows/Pressure	2/27/2019	425,533	102,600	Unschedule	- WR15060724 410.000 WR17111183
8913	Delanco- Walters & Washington	Replacement	1,680		01	1930	4	a	Safety and Reliability/Structural	System Flows and Pressure	4/30/2019	293,499	100,851 141,500	2019Q3 2019Q3	410,000 WR17111183 600,000 WR17111183
9459	Celanco - Union, Poplar, Laurel, Wa	Replacement	3,155	6	01	1930	4	CI CI	Sustained Economic Growth	Safety and Reliability/Structural Relocation	4/24/2019 9/5/2018	404,311 1.051,245	141,500 320,000	2019U3	570.000 W#17111183
505, 6727, 6728	Paimyra - 5th,6th,Race,Vine,Weart	Replacement	1,200 441	12 4	OI Di	1910 2018	8	ci ci	Safety and Reliability/Structural Safety/ Reliability	System Flows/ Pressure	6/7/2018	99,543	23,650	· TBD	95,000 WR15060724
347 5330	Cinnaminson • Plum Lane Cherry Hill • Utah Ave	Replacement Replacement	441	•	OI	2018	2	a	System Flows	Water Quality	11/29/2018	125,677	24,609	2018Q4	87,400 WR15060724
5334, 8961	Hadron Heights - 4th Ave & High St	Replacement	4,860		01	2018	ē	ÇI	Safety/ Reliability	Sustained Economic Growth .	9/5/2018	1,047,354	234,962	TED	949,500 WR171111B3
6010, 6011, 6012	Lumberton - Moore, Chembers, Ross	Replacement	675	B	01	2018	4	CI CI	Sytem Flaws	Safety/ Reliability	12/17/2018	298,722	63,950	TED	281,250 WR17111183
5963	Haddon Heights - Sylvan Drive	Replacement	3,324	8	DI	201B	6	AC	Systems Flows	Safety/ Reliability	6/7/2018	1,012,766	236,650	TED	532,000 WR15060724
9615	Somerdale - Warwick Road	Replacement	3,885	12	DI	201B	8	G	Safety/ Reliability	Relocation ÷	9/5/2018 6/7/2018	1,765,132 478,662	502,660 90,267	Emergent TBD	• W815060724 247.000 W815060724
488	Cherry Hill - Plymouth Orive	Replacement	2,506 3,792		10	2018 2018	6	CI CI	Safety/ Reliability System Flows and Pressure	None Safety/ Reliability	9/5/2018	1,105,015	205,550	TRD	760.000 WR15060724
5936, 6608, 5938 335	Cherry Hill - Morris Drive & Morris	Replacement Replacement	3,192	5 12	Ði Oi	301g	*	C1	System Flows and Pressure Safety/ Reliability	None None	6/7/2018	1.033.270	142,771	202004	794,200 WR15060724
	2 Eastampton-Darby,Kent,Surrey,Vork,P	Replacement	606	4	OI.	2018		PVC	System Flows and Pressure	None	9/5/2018	517,195	30,690	TBD	522,500 WR15060724
9628	Eastampton - Smithville Road	Replacement	6,250	ė	DI	2018	5	AC	Relocation	Safety/ Reliability	9/5/2018	143,401	14,000	Emergent	 WR15060724
586E:5880	Comden - River Ave & State Street	Replacement	2,050	12	DI	1900	6	ÇI	Safety and Reliability/Structural	System Flows and Pressure	4/16/2019	728,603	235,650	TRD	738,000 WR15060724
9538	Stratford - Warwick Road	Replacement	1,224	12	DI	2018	8	AC	Relocation	Safety/ Reliability	9/5/2018	332,239	84,680	Emergent	- WR15060724 - WR15060724
9869	Mount Hally - Hillelde Road	Replacement	902	16	DIP	1920's	12	CIP	System Flows and Pressure	Safety and Reliability	9/5/2018	217,649 504,822	61,831 126,350	Emergent 201901	- WK15060724 450,000 WR17111183
9703 5313	Audubon - Merchant/Lecato/Taylor Audubon - Haviland Avenue	Replacement Replacement	1,980 2,100	6 8	DIP Di	1900 2018	5	G G	System Flows and Pressure Water Quality	Safety and Reliability/Structural System Flows	3/15/2019 12/17/2018	579,568	190,277	202004	, 579,000 WR15060724
2212	Oldmans Two - Crown Point Rd (Rt130	Replacement	1,200	12	Di	1910	# R	a	Safety and Reliability/Structural	Relocation	4/26/2019	- 254,324	30,720	Emergent	- WR1505072#
7673	Laurel Springs-Lindsay, Manie, Elma, L	Replacement	4,060	8	DI	1930	6	ci ci	Safety and Reliability/Structural	Systems Flows and Pressures	3/21/2019	546,141	193,075	2017Q4	\$25,000 WR171111B3
110	Audubon-South Logan Avenue	Replacement	2,020	a	DI	1910	4	GALV	System Flows and Pressure	Safety and Reliability	3/15/2019	469,088	154,995	202101	361,000 WR17111183
9751	Cherry Hill- Mackin Dr.	Replacement	1,210	8	DI	1960	6	a	Safety and Reliability	None	2/27/2019	239,885	\$6,400	Sb5101	230,000 WR17111183 454,000 WR17111183
5922	Riverside- Heulings Avenue	Replacement	2,500		DI	1930	6	CI .	Water Quality	System Flows and Pressure	4/22/2019 3/29/2019	400,931 237,017	124,500 78,565	2019Q3 2020Q4	305.000 WR1711183
519, 520 5959	Paimyra- Walnut Street and Pear Str Haddon Heights- 3rd Avenue	Replacement Replacement	1,700 2,690	8	D)	1950 1940	:	Ć(Safety and Reliability/Structural System Flows and Pressure	Systems Flows and Pressures Safety and Reliability/Structural	3/21/2019	237,017 575,579	123,700	202001	511.100 WR17111183
9721	Lumberton-Lexington Avenue	Replacement	2,550	12	DI.	1990	2	01	System Flows and Pressure	Safety and Reliability/Structurat	3/22/2019	209.920	56,300	2019Q4	600,000 WR17111183
9542	Pennsgrove-Pitman, Morris, Wilne	Replacement	2,150	8	DI	1910	6	· a	Safety and Reliability/Structural	Systems Flows and Pressures	4/8/2019	309,781	55,925	2021Q3	425,000 WR17111183
530	Penns Grove-South Smith Avenue	Replacement	420	6	Di	1940	4	AC	Safety and Reliability/Structural	System Flows and Pressure	4/18/2019	49,470	23,663	2021Q3	163,400 WR17111183
5905	Runnemede-Irish Hill Road and High	Replacement	1,600	8	DX	1950	6	a	System Flows and Pressure	Relocation	4/15/2019	350,636	71,350	2019Q3	351,500 WR17111183
9880	Linderwold- Lake Avenue	Replacement	3,500	8	D(1970	6	α	Relocation/Opportunity	Safety and Reliability	4/8/2019 4/24/2019	535,829 155,052	57,270 \$8,750	4/30/2019 2021Q1	 650,000 March 2019 Substitute 225,000 WR17111183
9753	Cherry Hill - Brookmead, Grass, Par	Replacement	2,175	8	Di	1950	6	AC	Safety and Reliability/Structural	Water Quality	4/24/2019 4/26/2019	195,052 521,982	38,730 171,900	. 202101	800.000 WR17111183
8909 9743	Palmyra - Maryland, Oregon, Leconey Riverton - Shrewsbury Rd & Cherry L	Replacement Replacement	4,090 800	8	DI DI	1950 1920	4	AC CI	Safety and Reliability/Structural System Flows and Pressure	Water Quality Safety and Reliability/Structural	4/17/2019	120.752	40,850	2020Q4	160,000 WR17111183
3737	Riverside - Delaware Ave & 8th St	Replacement	4,000	8	Di	1930	4	ä	System Flows and Pressure	Looping	4/22/2019	466,313	202,450	2020Q4	775,000 WR17111183
7519	Oakland Road, Maplewood	Replacement	850	16	CH CH	1920	12	ũ	System Flows and Pressure	Safety and Reliability	8/1/2018	345,775	40,000	Emergent	- WR15060724
R978	Parsonage Kill Rd. Main Replacement	Replacement	1,700	30	DI	1970	24	C7	Safety and Reliability/Structural	Conservation	5/25/2018	2,145,137	142,764	Emergent	 WR15060724
8980	Essex Street, Millburn	Replacement	600	8	Dí	1890	2	O	Safety and Reflability	Conservation	8/25/2018	179,481	28,767	Unschedule	- WR15060724
6887	Old Short Hills Rd, Ph 1, Millburn	Replacement	3,700	8	DI	1530	648	a	Safety and Reliability	Water Quality	7/3/2018	719,365	16,944 19,057	TED	740,000 WR17111183 520,000 WR17111183
6888	Old Short Hills Rd. Ph 2, Millburn	Replacement	2,600	8	Ot DI	1930	485 486	G O	Safety and Reliability	Water Quality None	7/18/2018 8/3/2018	6\$4,071 916.295	19,057 30,516	TED	520,000 WR17111183 1.200,000 WR17111183
557 539	Civingston Ave., New Providence S. Maple Ave. Ph 1. Remards	Replacement Replacement	3,280 5,100	8 20	PVC	1950 1980	12	a	Safety and Reliability/Structural Safety and Reliability/Structural	Nane	7/27/2018	1,786,067	3,800	TBO	L500,000 WR17111183
6798	S. Maple Ave. Ph 2. Bernards	Replacement	2,800	20	PVC	1950	1	ä	Safety and Reliability	Conservation	5/26/2018	5\$4,7B1	1,989	TBD	605,000 WR17111183
6717	Old Indian Rd. Ph 1, W. Orange	Replacement	3,300	8	Ď	1950	6	Ġ	Safety and Reliability/Structural	Safety and Reliability	5/23/2018	435,902	49,660	TBD	500,000 WR171111R3
6526	Essex Street, Long Hill	Replacement	1,975	8	Dŧ	1950	6	cı	Safety and Reliability/Structural	Water Quality	8/9/2018	471,961	93,375	TBD	650,000 WR17111183
9864	Parsonage Hill Rd. Ph 2, Miliburn	Replacement	5,500	30	CX	1920	24	a	Safety and Reliability/Structural	Conservation	12/10/201B	2,679,046		Emergent	- WR15060724
5712	Mountain Ave., Maplewood	Replacement	990	8	Di	1960	4	a	Safety/ Reliability	None	4/16/2019	234,286	44,320	201901	231,000 WR15060724 275,000 WR15060724
5705	Maplewood Ave. Jefferson to Beach P	Replacement	1,100	8	Di	1960	6	a	Safety/ Reliability	None	4/7/2019	277,652 319,684	60,400 53,280	2019Q1 2019Q1	275,000 WR15060724 320,000 WR15060724
6718 9632	Old Indian Ad Ph 2, West Orange Curtis Ave., West Orange	Replacement Replacement	1,000 1,300	8	DX DX	1950 1940	5	a	Safety and Reliability Safety and Reliability	Conservation Safety and Reliability/Structural	3/15/2019 3/6/2019	319,684 295,699	53,260 4,000	201901	320,000 WR17133383
9631	Parkview Rd., Chatham	Registement	1.000	*	Di	1970	6	a	Safety and Reliability/Structural	Safety and Reliability	3/1/2019	190,967	40,318	201901	228,000 WR17133383 ·
7684	Orchard PI & Southard PI, Bernards	Replacement	2,000	Ĝ	DX.	1950	ě	ći	Water Quality	System Flows and Pressure	3/13/2019	311,625	56,496	201901	389,000 WR17111183
\$739	W. Stuart St., Washington Boco	Replacement	670	8	DI	1890	6	ći	Safety/ Reliability	None	4/1/2019	154,164	5,300	202103	118,000 WR17211183
\$741	Broad Street, Washington Boso	Replacement	1,650	8	Dt	1930	4	CI CI	Safety/Reliability	None	4/17/2019	373,879	54,900	201903	720,000 WR17131183
252	LONG BRANCH - SHORE & PATTEN & AIRS	Replacement	2,330	16	PVC	1980	12	DI	Safety and Reliability/Structural	None	10/19/2018	333,306	99,553	2017Q4	450,000 WR15060724
5981	NC-Cancourse	Replacement	1,660	8	DI	1950	5	či	Safety and Reliability/Structural	Water Quality	10/2/2018	260,698	63,657	2018Q4	480,000 WR15060724
6071	WLB - ELMWOOD	Replacement	875	8	DI	1950	2	CI	System Flows and Pressure	Safety and Reliability	4/19/2018	147,595	51,064	TED	78,000 WR17111183

New Jersey American Water DSIC Surcharge Filing #1 May 2019

8352

Park Avenue - Bay Head

1,496

1930

Actual Pipe Material W815060774 4/2/2018 181,571 BLACK POINT ROAD - RE Safety and Reliability/Struct System Flows and Pressure 8/15/2018 459,576 175,852 Unschedule WR15060724 O 1920 Safety and Reliability/Structure System Flows and Pressure 7740 FRANKLIN AVE - OG Replacement 2.100 α WR15060724 1,200 Safety and Rellability/Structura 8/20/2018 70,534 78 138 Unschedule 7745 OUN STREET - OCEAN GROVE Replacement 01 1920 Safety and Reliability/Structura 2017Q4 45,000 WR15060724 SHORE DR - LB PHASE 2 851 PVC 1980 4/22/2019 200,507 55,000 252 Replacement 88,000 WR17111183 32,795 201903 8/21/2018 143,373 8260 WOODLAND AVE - NEPT CITY Replacement DI 1930 GALV Safety and Reliability/Structura System Flows and Pressure 8/17/2018 138.090 58,581 Emergent WR15060724 Safety and Reliability/Structura System Flows and Pressure 7749 **CUM STREET PHB2** Replacement 694 12 Di 1920 α 30,000 WR17111183 PVC Selety and Reliability Safety and Reliability/St 3/27/2019 \$6,420 10 000 201901 6081 JORDAN PLACE - AB Replacement 220 1950 30,000 2019Q1 112,500 WR17111183 6079 JUNE PLACE - AB 800 PVC 1960 Safety and Reliability/Structura Safety and Reliability 4/3/2019 174,572 225,000 WR17111183 347,721 53,000 201901 Safety and Reliability/Structura 3/27/2019 6080 INDER PLACE - AR Replacement 1,500 PVC PVC 1960 AE Safety and Reliability Safety and Reliability/Structural 3/28/2019 271,980 40,000 201901 165,000 WR17111183 1.045 1960 AC Safety and Reliability 6034 JUBILEE CIRCLE - AB Replacement OI Safety and Reliabi System Flows and Pressure 8/23/2016 158,809 201804 104.000 WR17111183 8088 ST. JAMES AVE - UB Replacement 923 1950 ø 96,000 WR17111183 9556 NEWARK AVE - UE 1930 AC Safety and Reliability ##23/2018 92 389 201804 Replacement 96,000 WR17111183 89,135 201804 9555 ARLINGTON AVE - US 497 DI 1930 AC Safety and Reliability/Structural 8/31/2016 3/28/2019 248,566 60,000 201804 188,000 WR17133383 Safety and Reliability/Structural System Flows and Pressure 8671 ALBANY ROAD - NT Replacement 2.33D D1 1960 a 99,082 19,694 201804 92 DOD WR1713183 Safety and Reliability/Structural System Flows and Pressure 9/21/2018 8668 NEW YORK ROAD - NT Replacement 46D 1960 a Safety and Reliability/Structural 69.000 WR17111183 WATERVIEW COURT - NT 340 System Flows and Pressure 9/25/2018 R9.539 28 591 2019/14 1960 8670 Replacement DI 70,000 WR17111183 Water Onality 2018Q4 6023 AUDREY PLACE - N Replacement 226 1960 GALV Safety and Reliability 11/28/2018 B2.187 16,000 43,000 201804 150,000 WR17111183 12/11/2018 158,185 5980 O AYTON AVE - NT 804 DI 1940 Water Quality System Flows and Pressure a 180,000 WR17111183 10/22/2018 200,647 201804 B256 3RD AVE - NC Replacement 723 DI 1960 a Safety and Reliability/Structural System Flows and Pressure Safety and Reliability/Structural System Flows and Pressure 10/22/2018 460,215 201804 200 000 W817111183 UNION AVE- NO DI 8619 Replacement 2.455 1970 153,750 WR17111183 Safety and Reliabilit 39,000 N.LOVETT AVE - LS 1,040 1920 System Flows and Pressure 4/5/2019 31.166 201903 5835 Replacement 105,000 WR17111183 4/12/2019 48,964 51,000 2019Q1 WOODLAND ST-LS 700 DI 1930 ĊI System Flows and Pressure Safety and Reliabilit 5810 525,000 WR17111183 512,847 97,000 20180 581 PROSPECT AVE - NT 3,731 DI 1940 Safety and Reliability/Structural 12/11/2018 Regiscement Safety and Reliability 10/30/2018 145,254 29,430 2018Q4 105 000 WA17111183 5928 BAKER DR - WS Regiscement 643 DI 1950 O System Flows and Pressure 73,500 WR17111183 6073 PINE AVE - WB 474 DI 1920 System Flows and Pressure Safety and Reliability 10/30/2018 91,803 18.137 201604 Replacement 60,000 WR17111183 Safety and Reliability 2018Q4 463 Switzen Flows and Pressure 10/25/2018 62,328 15,299 6189 POPLAR AVE - WE Replacement 1950 134,130 34,370 201804 105,000 WR17111183 5927 WOOLLEY PLACE - WB 693 Di 1950 ÇI System Flows and Pressure Safety and Reliability 10/30/2018 Replacement 9/25/2018 421,734 170,000 2018Q4 190,260 WR17111183 9566 Nentune Rivd - Nentune Replacement 1.057 Di 1990 Cit Safety and Refiability/Structural PVÇ 1960 Safety and Reliability Safety and Reliability/Structura 3/28/2019 93,135 15 000 201904 56.250 WR371111R3 5296 Alden Ct - AB Replacement 400 Safety and Reliability 114,750 WR17111183 PVC Safety and Reliability/Structural 4/3/7019 156,095 30,000 2019Q1 6159 Duda Ln - AB Replacement 730 43,000 131,000 WR17111183 Shadow Brook Rd - Shrewshur 1.939 DI 1950 a Salety and Reliability/Structura Safety and Reliability 12/11/2018 238,594 201804 7344 Replacement 130,000 WR17111183 187,06B 45,000 201804 12/13/2018 5784 Oceanport Ave - DP Replacement 770 DI 1980 CI Safety and Reliability Water Quality 1.186 Safety and Reliability/Structural 12/11/2018 280,510 44,000 201804 187 SAU WR17111183 255 Werah PI - OF Replacement PVC 1960 GALV 60,000 WR17111183 System Flows and Pressure 12/10/2018 127.646 25.000 201504 444 DI 1690 GALV Safety and Reliability/Structura 7341 Greenwood Ave - N Replacement 120,000 WR17111183 Park PI - NT 546 Safety and Reliability System Flows and Pressure 12/10/2018 100.571 25,000 2016Q4 603 Replacement 1940 27,000 201804 175,000 WR17111183 12/11/2018 51,478 5975 Vernon Ave - NT 1.052 Dŧ 1940 CI Safety and Reliability Safety and Reliability/Structural Replacement Safety and Reliability/Structural 12/7/2018 165,138 20,000 201804 135,000 WR17111183 5427 Chestrut/Oak St - Highlands Replacement 600 DI Di 1940 CI Safety and Reliability 252 1920 Safety and Reliability 12/10/2018 155,404 32,000 201804 78.750 WR17111183 GALV System Flows and Pressure 5843 Waterwitch Ave - Highlands Replacement W. take Ave - NT Safety and Reliability/Structural 11/6/2018 136.044 201604 135,000 WR17111183 9564 751 1950 Replacement WR15060724 Safety and Reliability/Structural 168,936 917 DI 1930 O 9/24/2018 Emergen 9565 Embury Ave - Neg 11/1/2018 146,516 201804 180,000 WR17111183 8497 Robin Rd - Neo 900 Di 1930 CI Safety and Reliability/Structural System Flows and Pressure Replacement 9/24/2018 104,703 Emergen W815050724 Safety and Reliability/Structural System Flows and Pressure 9581 Bridge Rd - Asbun Replacement 741 DI 1890 CI 10/31/2018 202,087 Emergen WR15060724 1,358 12 DI 1940 Safety and Reliability/Structura System Flows and Pressur 9580 Deal take Dr - Asburn Replacement Safety and Reliability/Structural \$5,000 225,000 WR17111183 1,500 Galv 4/22/2019 345.045 202003 573 Forman - FH Replacement 45,653 Unschedul WR15060724 8265 Windsor Terr - Neptune City 220 Ol 1970 CI Safety and Reliability/Structural System Flows and Pressure 12/10/2018 Replacement Safety and Reliability/Structural 12/7/2018 94,521 Emergent WR15060724 9857 WESTON PL - AB Replacement 340 PVC 1960 AC Safety and Reliability DI 4/22/2019 252,630 85,000 201901 385.000 WR17111183 MAIN STREET - AN 3,768 1940 Safety and Reliability System Flows and Pressure 12 9576 Replacement 420,000 WR17111183 2,400 water Quality 3/26/2019 377.129 201901 5916 CEDAR AVE-AH Replacement 1980 System Flows and Pressure 54,000 315.000 WR17111183 ELBERON AVE -AH L499 1900 cı Water Quality System Flows and Pressure 4/2/2019 283,466 201901 591 Replacement 65,170 201901 90,000 WR17111183 4/22/2019 6939 CEDAR AVE- PHASE II-AH Replacement 550 Di užm £I System Figure and Pressure Safety and Reliability/Structural 29,000 201901 120 000 WR17111183 BRIOLEMERE AVE-IL 710 Safety and Reliability/Structural System Flows and Pressure 4/12/2019 129,404 1920 7763 Replacement Di Safety and Reliability/Structural 4/1/2019 75 287 14.DOD 201901 60,000 WR17111183 7797 IVY PLACE - NT Replacement 1930 System Flows and Pressure 15,000 201901 40,000 WR17111183 7764 INTERLAKEN DR-400 DI 1930 Safety and Reliability/Structural System Flows and Pressure 4/17/2019 53,654 Replacemen 32,000 2019Q1 100,000 WR17111183 7765 IONA PLAN Replacement 1,000 Di 1930 £1 Safety and Reliability/Structural System Flows and Pressure 4/12/2019 76,460 4/26/2019 46,831 20,000 2019Q1 60 000 WR17111183 SCARBA STREET- IL 600 Safety and Reliability/Structural System Flows and Pressure 7767 Replacement CH 1930 4/26/2019 66,170 17,000 201901 50.000 WR17111183 7769 WOODMERE RD-IL Replacement 500 CH 1900 Safety and Reliability/Structural System Flows and Pressure 160,000 WR17111183 GRASSMERE AV-IL Safety and Reliability/Structural System flows and Pressure 4/22/2019 155.466 \$4,000 201901 7771 Replacement 1,600 17,000 50,000 WR17111183 7772 HETRICK POINT RD-Regiscemen 500 Di 1900 C! Safety and Reliability/Structural System Flows and Pressure 4/29/2019 39.621 201901 86,937 17,000 201901 100,000 WR17111183 4/2/2019 9768 MC ANENY STANC Resignement 500 Di 1970 ex Safety and Reliability/Structural System Flows and Pressure 47,000 201901 250 000 WR17111183 RENNETT AVE-NO 1,300 Safety and Reliability/Structural System Flows and Pressure 4/22/2019 185,079 8753 **Replacement** Dŧ 1920 4/4/2019 69,162 43,000 201901 109.080 WR17111183 7715 WOODLAND CR-FH DI 1920 System Flows and Pressure Replacement S WOODLAND DR-FH Replacement 1,060 1920 Safety and Reliability/Str System Flows and Pressure 4/4/2019 68,008 202003 144,000 WR17111183 8094 80,000 WR17111183 32,000 7706 STRATEGED AVE.AC Replacement 740 Of 1930 a Safety and Reliability/Structura Section Flours and Pressure 4/1/2019 140.355 201901 Safety and Reliability/Structura 4/18/2019 141,389 42,000 201901 140,000 WR17111183 9558 SHADY LANE-SR Regiscement GRO Dŧ 1950 a System Flows and Pressure 250 non March 2019 Substitute VALUEY ST-HI 2,000 PVC Safety and Reliability System Flows and Pressure 4/30/2019 223,373 4/30/2019 9879 Replacement 1950 6639 takewood-8th Street 2,639 D) 1930 Safety and Reliability/Structu Water Quality 1/1/2019 569.786 90.259 760 450 000 WR17111183 Replacement takevood-9th Stree 2,637 Safety and Reliability/Structure lystem Flows and Pressure 1/1/2019 426 972 12.927 TRD 345.000 WR17111183 6638 1930 ACP 30,604 TBB 282,000 WR17111183 6175 takesword, Lakesword Replacement 1 750 D\$ 1930 ACP Safety and Reliability System Flows and Pressure 9/28/2018 770.530 3,917 679,262 201804 560,000 WR17111183 12/1/2018 6915 Forest Ave **Arabrement** 3104/300/363 12/8/6 ᄗ 1930 8.8.8 a System Flows and Pressure Sustained Economic Growth 12/1/2016 509,149 202004 485.000 WR17111183 6173,6183 1930 Safety and Reliability System Flows and Pressure Carey St Replacemen 3,781 1,750,555 113,454 201804 430,000 WR12111183 6175 Lexington Ave 287/908/5590 42529 DI 1930 Safety and Reliability / Structura System Flows and Pressure 4/17/2019 Replacement Safety and Reliabilit 6180 2,345 DI 1930 5 & 8 CIP & ACP System Flows and Pressure 11/1/2018 427 655 201804 1.113.750 WA17111183 Safety and Reliability / Structural 204,000 WR17111183 80.720 8425 Club Drive - Bay Head Replacemen 1.274 DI 1930 System Flows and Pressure 4/1/2019 369 197 201901

Safety and Reliability / Structural

CI

475,737

4/1/2019

System Flows and Pressure

83,762

20190

240,000 WR17111183

	9719 9720	6133	311	308	9	9871	6663	9122	9838	2536	9842	9076	9761	6975	5845	502	9128	2575	6874	9/40	9773	6976	9774	2010	6662	9646	7031	6967	6073	6969	6968	6967	6077	7665	9166	9080	9603	9016	6586	5786	3638	9547	9692	8656	9548	5700	5600 5134	2,765.	700	5472	6482	6480	6481	6479	7423	7408	2410
	60-in PCCP Mitigate-Renneth Av-Valv	Crest Haven GSP Crossing - CMCH	2018 N. Plainfield C&L	Garwood CEL 2018	Oceanport Craek Crassing	North Ave- Main Replacement	South Ave- Main Replacement	Union St. Main Replacement	Sheridan Ave-Main Replacement	Anchor/Windslow-Wain Replacement	New St/Dak St. Main Repakement	East Curts St Main Replacement- Li	3rd Ave Main Replacement-Garwood	Meadow Rd Main Replacement: Clark	Pembrook Rd Main Replacement-Mounta	Jackson Ave Main Replacement-Linden	Van Burgo Ave Main Regiscement-lind	Citizen of Marin Berlinseness Male Sie	(polos Mou. Mins Registerent Char	North due Main Seniorement Occalion	school by rischargey Mein Relocati	Center St Main Replacement, Garwood	Rosewood Ave Main Rehab, Roselle Bo	Lenox Ave Main Replacement, Green B	South Ave Main Replacement Plainfi	Colonial Hd Main Replace, Rosselle	W.Lincoln Ave Main Replace Roselle	Willow Way Main Replacement Clark	Grand & Main Banks expect Clark	Coordin Or Main Replacement, Clark	Clauss Rd Main Replacement, Clark	Allce Lane Main Replacement, Clark	Tremley Paint PH3, Linden	Jefferson Ave under River Main Reha	South 16th Ave · Manville	North 7th Ave - Mamille	Verona PI - Bound Brook	Codringston Pt - Sound Brook	US HWY I Lawrenceville	Olekinson St Princeton	Red Hill Rd Princeton Twp	Second St Raritan	Wall St Racitors	First 5t Baritan	Third St Ranitan Borough	Park Ave Somerville	Machanic St Somerville	South rightson of rights Boomer	Enter National St.	Forge St Jamesburg	Marryott St Jamesburg	Willam St Jamesburg	New St Jamesburg	Michael St Jamesburg	Newbury Road - Howell	Old Bridge Or - Howell	Terration Dr. Houself
	Replacement	Replacement	Rehab	Rehab	Replacement	Replacement	Replacement	Replacement	Replacement	Replacement	Replacement	Replacement	Replacement	Replacement	Replacement	Replacement	Replacement	Bentarant	Registration	Replacement	Replacement.	Replacement	Replacement	Replacement	Replacement	Replacement	Replacement	Replacement	Reclarations	Replacement	Replacement	Replacement	Replacement	Replacement	Replacement	Replacement	Replacement	Replacement	Replacement	Replacement	Replacement	Replacement	Replacement	Replacement	Replacement	Replacement	Registernent	Replacement	Replacement	Xeplacement	Replacement	Replacement	Replacement	Replacement	Replacement	Replacement	Periacement
	S	700	15,000	1,600	200	200	3,200	2,400	019.6	7,430	780	2480	890	2,170	036,1	2,840	1.210	3 1	1 100	i a	3 6	;	69	1,480	1,450	513	1,313	1.875	640	1,100	076	IJ.304	2,230	350	966	2.340	966	945	2772	729	2,088	36	346	1,325	202	285	575	7 7	5 2	726	567	722	530	702	800	1,400	2 720
	\$	z	ch	01	5	Ħ	ĸ	D4	te c	0 D	. 04	œ	Đũ	200	•	œ ·	o		x c	»	•	. «	•	•	12	œ	æ	po :	.			•	16	16		.			20	α	æ	3	\$	æ	æ		.			» a	•	æ		**	•	on 4	
	ō	9	٥	Ω	2	2	₽	₫	₽ 9	2 9	2 2	0	ă	5	ã	2	2 5	2 9	2 9	2 5	2 5	2 2	Warren 301 Epoxy	₽		2	9	9 :	5 2	2 5	9	9	PVC	ндРД/рір	g :	e 9	2 9	! 9	HDPE	2	g	9	9	5	2	2	2 9	2 9	2 5	2 9	9	R	9	2	ā	2 9	2 9
	1971	1960	1920	1950	1925	1920	6161	1920	1910	1990	1930	1920	1900	1930	1940	1930	1930	neer Occes	1950	1965	1920	1050	1940	1950	1930	1950	1950	1950	1955	1980	1950	1930	1950	1940	1930	1940	1940	1950	1970	1900	1930	1920	1920	1920	1920	1920	1910	1970	1930	1930	1950	1980	1950	1950	1974	1974	1974
	8	*	æ	•	. 36	04	۰	6	۰.	n or	•	6	ø	ø	٥	Ø	ø 1	•	~ •	r 8	9 0	•		6	6	-	60	G.	an c	n e		•	ĕ	ñ	en :		h ø	s en	16		e.	ø	*	*	ø	o	• •	n •	. §	* 0		· ca	6	61	•	6.6	a n (
	PCOP PCOP	2	Ω	Ω	Ę	۵	Q	Ω	α :	3 5		0	Ω	a	a	٥	۱ ۵	י ב	۰ د	2 8	g c	2 0	. 0	۵	٥	c		Ω	o 1	9 6	3 C	0	9	0	<u>a</u>	(۵	\$ 0	ם	Steel	٥	٥	a	Ω	Ω	٥	2	2 1	2 }	SAIN SAIN	Ci / Cent	Asbestos Cement	Asbestos Cement	Asbestos Cement	Asbestos Cement	ሕ	5 2	* }
	Safety and Reliability/Structural	System Flows and Pressure	System Flows and Pressure	System Flows and Pressure	System Flows and Pressure	System Flows and Pressure	System Flows and Pressure	System Flows and Pressure	System Flows and Pressure	Water Charty	System Flows and Pressure	Safety and Reliability/Structural	Safety and Reliability/Structural	Safety and Reliability/Structural	Safety and Reliability/Structural	Safety and Reliability/Structural	Safety and Reliability/Structural	Southern Florest and Pressure	Safety and Relighibity/Structura	Safety and Reliability/Structural	Safety and Relightith / Christian	System Flows and Pressure	System Flows and Pressure	System Flows and Pressure	System Flows and Pressure	System Flows and Pressure	System Flows and Pressure	System Flows and Pressure	System flows and Pressure	System Flows and Pressure	System Flows and Pressure	System Flows and Pressure	Safety and Reliability/Structural	Safety and Reliability/Structural	Safety and Reliability/Structural	Safety and Reliability/Structural	Safety and Reliability/Sensetural	Safety and Reliability/Structural	System Flows and Pressure	Safety and Reliability/Structural	Safety and Reliability/Structural	Safety and Reliability	System flows and Pressure	System flows and Pressure	Safety and Reliability	System Flows and Pressure	System Flows and Pressure	Safety and Reliability/Structural	Girty and Refighlifty/Structura	Safety and Reliability/Structural	Safety and Rehability/Structural	Safety and Reliablity/Structural	Safety and Reliability/Structural	Safety and Reliability/Structural	Safety and Reflability / Structural	Safety and Reliability / Structural	Safety and Reliability / Structural
	1	•	ure.	SIII	2		*	Ř	~ .	•	ã	ctural	tural	. <u>2</u>	<u>a</u>	<u>5</u>	3		2 3	1	<u>.</u>																																				
						Safetyand		_	_	System rows and resource				aral Water Quality		_	_	_			Safety and Reliability	White Change	Water Classicy	water Quality	Sustained Economic Growth	water Quality	water Quality	water Quality	water Quality	water Quality	water Chairs	Water Quality	Water Quality	System Flows and Pressure	System Flows and Pressure	System flows and Pressure	System Flows and Pressure	System Flows and Pressure	Safety and Reliability/Structural	System Flows and Pressure	Safety and Reliability/Structural	System Flows and Pressure	Safety and Reliability/Structural	Safety and Reliability/Structural	System Flows and Pressure	Safety and Reliability/Structural	Safety and Reliability/Structural	System Flows and Pressure	_	System Flows and Pressure	System Flows and Pressure	System Flows and Pressure	System Flows and Pressure	System Flows and Pressure	Water Quality	Water Quality	Water Quality
	Safety and Reliability 4/26	Safety and Reliability/Structural	None	None	Suscilised exchange Growth	Safety and Reliability/Structural	Sustained Economic Growth	Water Quality	Water Quality	-	Water Cuality	Water Quality	Water Quality 2	Water Quality 2	Water Quality	Water Quality	Water Quality	Water Quality	Water Quality	Water Quality 1	Safety and Reflability	Water Quanty and before the same of the same			nomic Growth	~				water Quality 6/8/2018			5				System Flows and Pressure 4/1/2019		72		ural 1			ural		•	ural		Water Guality L	System Flows and Pressure 1/3/2019				d Pressure			Water Quality 4/1/2019
Total 83,963,554	Safety and Reliability 4/26/2019	Safety and Reliability/Structural 4/30/2019	None 8/17/2018	None	Sustained eronomic prowd)	Safety and Reliability/Structural 4/1/2019	Sustained Economic Growth 4/9/2019	Water Quality 4/15/2019	Water Quality 4/16/2019	Water Coulty	Anterior Anterior	Water Quality 2/8/2019	Water Quality 2/13/2019	Water Quality	Water Quality 2/21/2019	Water Quality 1/24/2019	Water Quality	Water Quality 4/18/2019	Water Quality 1/16/2019	Water Quality 10/29/2018	Safety and Reflexifier 1/9/2019	(ability	8102/1911	8102/1701	nornic Growth 8/7/2018	2/11/2018	7/11/7018	8/1/2018 d	8102/21/6	8107818		R122(US	10/17/2018		4/1/2019	4/1/2019		2/2/2029	ural 4/25/2019	8/8/2018	ural 1/16/2019	4/3/2019	ural 4/1/2019	ural 4/2/2019	4/4/2019	8102/11/8	ural 8/3/2018	1/26/2019	Water Duality 12/17/2018	•	17717016	12/21/2018	12/21/2018	d Pressure 12/21/2018	4/1/2019	4/1/2019	4/1/2019 507,998
١	Safety and Reliability 4/26/2019	Safety and Reliability/Structural 4/30/2019	None 8/17/2018	None 11/14/7018	Sustained eronomic prowd)	Safety and Reliability/Structural 4/1/2019	Sustained Economic Growth 4/9/2019 572,816	Water Quality 4/15/2019 363,588 *	Water Quality 4/16/2019 774,146	Water fluidly and ressure #125/2019	Water Charles Application All 121 221	Water Quality 2/8/2019 460,066	Water Quality 2/13/2019 223,450	Water Quality 2/21/2019	Water Quality 2/21/2019 385,306	Water Quality 1/24/2019 848,041	Water Quality 2/15/2019 205,214	Water Quality 4/18/2019 89:241	Water Quality 1/16/2019 133,690	Water Quality 10/29/2018	Safety and Reliability 1/9/2019 603.620	atuzzitte	8102/1911	8102/2/01	nomic Growth \$/7/2018 225,099	7/11/2018 168,525	7/11/7018 500,281 1	B/1/2018 462,871	652,56 8102/91/6	6/8/7018 242,181	810G/1/8	5/7/2018 263,057	10/17/2018 169,545	10/1/2018	4/1/2019 270,407	4/1/2019 494,147	4/1/2019	3/12/2019 107.07A	ural 4/25/2019 510,175	8/8/2018	ural 1/16/2019 475,087	4/3/2019 169,231	ural 4/1/2019 1,355	ural 4/2/2019 136,346	4/4/2019 174,097	8102/11/8	ura) 8/3/2018 246,814	2/26/2019 235,585	Water Duality 12/17/2018 128.567	Server 6102/67	17717018	12/23/2018 15/,504	12/21/2018 180,091	d Pressure 12/21/2018 177,845	4/1/2019 217,954	4/1/2019 279,154	4/1/2019 507,998
١	Safety and Reliability 4/26/2019	Safety and Reliability/Structural 4/30/2019 955,138	None 8/17/2018 2,842,755	None 11/14/2018 3,221,539	Sustained Economic System 1911 All Control 1911 Control 1	Safety and Reliability/Structural 4/1/2019 354,504	Sustained Economic Growth 4/9/2019 S72,816 148,106	Water Quality 4/15/2019 363,588 . 76,403	Water Quality 4/16/2019 774,146 121,230	Water floating 4/25/2019 540.826	Water Craims April 1975/2010 117 127 127 127 127 127 127 127 127 127	Water Quality 2/8/2019 460,066 101,300	Water Quality 2/13/2019 223,450 30,320	Water Quality 2/21/2019 310,079 73,310	Water Quality 2/21/2019 385,306 -	Water Quality 1/24/2019 848,041 130,000	Water Quality 2/15/2019 205,214	Water Quality 4/18/7/019 89,241 15,442	Water Quality 1/16/2019 133,690 39,775	Water Quality 10/29/2018 52,691	Safety and Safetylliv 1/9/2019 603.620 70.200	17/7/2018 156.205 · E	200000 attacker areather	10/1/2018 417,485	nomic Growth \$/7/2018 225,099 16,500	7/11/2018 168,525 93,397	7/11/2018 500,281 180,270	B/1/2018 462,871 135,180	9/15/2018 95,659	5/8/2018 242,181 BZ,008	67.7018 97.7018 17.7018 97.701	5/7/2018 263,057 5,495	10/17/2018 169,545	10/1/2018 200,188 8,670	4/1/2019 270,407 42,360	4/1/2019 454,147 161,300	4/1/2019 647.856	2/12/2023 276/242 e1/102 2/12/2023 276/242 e1/102	ural 4/25/2019 314,225	8/8/2018 136/222 55,000	ural 1/16/2019 475,087 110,520 2	4/3/2019 169,231 78,440	ural 4/1/2019 1,355	ural 4/2/2019 136,346 68,355	4/4/2019 174,097 39,961	8/31/2016 170,492	ural 8/8/2018 246,814 57,043	1/26/2019 235,585 44,507	Water Duality 12/17/2018 128.567 22.323	25,557 56,507 6102/6/1	17717018 760166	12/21/2018 13/,504 5/,210	12/21/2018 180,091	d Pressure 12/71/2018 177,846 50,932	4/1/2019 217,954 61,143 1	4/1/2019 279,154 110,938	4/1/2019 507,998

Valve & Hydrant Replacements												
Project (WBS)	District	UPIS	# Valves	# Hydrants								
R18-01F2	Large Valves	\$1,861,116	7	-								
R18-12F1	Atlantic / Cape May	1,075,710	203	73								
R18-13F1	Burlington / Camden	2,173,378	320	230								
R18-15F1	Essex / Passiac	2,243,436	201	27								
R18-17F1	Hunterdon / Warren	162,097	5	6								
R18-18F1	Monmouth	1,390,916	358	103								
R18-19F1	Ocean / Middlesex	335,625	178	34								
R18-25F1	Somerset/ Mercer	747,479	72	17								
R18-26F1	Union	4,243,996	323	40								
R18-33F1	Shorelands	60,271	-	3								
	Total Valve & Hydrants Replacements	\$14,294,024	1,667	533								

Service Replacements					
Project (WBS)	District	UPIS	# Services		
R18-12H1	Atlantic / Cape May	\$439,676	1,404		
R18-13H1	Burlington / Camden	1,802,675	2,586		
R18-15H1	Essex / Passiac	7,753,270	1,033		
R18-17H1	Hunterdon / Warren	381,571	56		
R18-18H1	Monmouth	2,228,928	1,188		
R18-19H1	Ocean / Middlesex	1,567,356	379		
R18-25H1	Somerset/ Mercer	1,389,418	462		
R18-26H1	Union	12,637,115	1,917		
R18-33H1	Shorelands	70,370	59		
	Total Service Replacements	\$28,270,379	9,084		

Base Utility Plant in Service				
Project (WBS)	District	UPIS		
R18-12A1	Atlantic / Cape May	\$1,126,259		
R18-13A1	Burlington / Camden	168,729		
R18-15A1	Essex / Passiac	137,842		
R18-18A1	Monmouth	874,886		
R18-25A1	Somerset/ Mercer	545,588		
R18-26A1	Union	270,847		
R18-01B1-0001	Various Replacements	236,043		
118-190031	Lakewood- Lakewood Transmission	13,021,318		
118-130100-02	Evergreen Tank Improvements - Main	209,017		
118-150072	NRW Management - Passaic	714,366		
	Total Base UPIS Spend	\$17,304,894		

RATE SCHEDULE K DISTRIBUTION SYSTEM IMPROVEMENT CHARGE

Applicable to all general metered service and sales for resale customers throughout the entire territory served.

CHARACTER

Continuous, except as limited by the "Standard Terms and Conditions".

DISTRIBUTION SYSTEM IMPROVEMENT CHARGE (DSIC)

In addition to all other charges for general metered service (GMS) and sales for resale customers throughout the entire territory served, the following charges will be assessed on a fixed, per meter basis for each monthly bill, commencing July 1, 2019.

RATE

This charge is in addition to Rate Schedules A-1 through A-15, C, D, E, F, H, I and J.

Size of Meter	Non-Exempt Per Month	Exempt Per Month
5/8"	\$1.46	\$1.26
3/4"	2.19	1.89
1"	3.64	3.14
1 1/2"	7.29	6.28
2"	11.66	10.06
3"	21.87	18.85
4"	36.44	31.42
6"	72.88	62.85
8"	116.62	100.56
10"	145.77	125.70
12"	182.21	157.12
16"	291,54	251.40

FILING

The DSIC is authorized pursuant to N.J.A.C. 14:9-10.1 et seq. and the procedures for filing, reviewing, approving and implementing the DSIC are set forth therein. The DSIC is a based on the Company's Foundational Filing, which was reviewed and approved by the Board of Public Utilities on September 11, 2015. The approval process included public notice and four public hearings. The notice included proposed surcharge amounts, which were estimated based on projected construction schedules, costs and other factors. Pursuant to the approved Foundational Filing, the Company shall endeavor to make semi-annual DSIC filings at approximately six-month intervals. The DSIC is subject to a maximum amount and other limitations in N.J.A.C. 14:9-10.1 et seq.

TERMS OF PAYMENT

See Rate Schedules for applicable customer classes.

CONDITIONS

Subject to the "Standard Terms and Conditions" except as otherwise set forth in this Schedule.

Issued: May 15, 2019 Effective: July 1, 2019

By: Cheryl Norton, President
One Water Street, Camden, NJ 08102
Filed pursuant to Order of the Board of Public Utilities entered in Docket No. WR17111183 dated October 29, 2018.