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TRENTON, NJ

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CASE MANAGEMENT

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BOARD OF PUBLIC UTILITIES
TRENTON, NJ

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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

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MAY 16 2019

BOARD OF PUBLIC UTILITIES
TRENTON, NJ

Re: New Jersey-American Water Company, Inc.
Distribution System Improvement Charge
BPU Docket No. WR17111183

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.

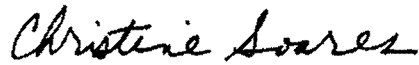
Please be advised that recovery of the costs of projects categorized as "Emergent" or "Unscheduled" in Schedule C are being sought as previously approved projects in the Company's 2015 Foundational Filing under the DSIC carry-over regulations. See *N.J.A.C. 14:9-10.7*; see also *I/M/O the Petition of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

Case mgmt
D. Patroude, Esq.
R. Welch
M. Kammer
C. Keshier

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

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

**New Jersey American Water
DSIC Surcharge Filing #1**

Schedule A
Filed 5/15/2019

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:

	Ratios	Cost Rate	Weighted Average Cost of Capital	Pre-Tax 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 -	\$1.46
DSIC Revenue as a % of total Water Revenue \$739,384,237	2.05%



DSIC SURCHARGE BILL IMPACT

NEW JERSEY-AMERICAN WATER COMPANY

BASIS FOR ALLOCATING METER COSTS TO CUSTOMER CLASSIFICATIONS

Meter Size	5/8" Equivalent	GMS		Resale		Exempt		Total	
		Number of Meters*	Weighting	Number of Meters*	Weighting	Number of Meters*	Weighting**	Number of Meters*	Weighting
5/8	1.0	553,259	553,259	1	1	20	17	553,280	553,277
3/4	1.5	18,139	27,209	0	0	2	3	18,141	27,212
1	2.5	44,006	110,015	0	0	3	6	44,009	110,021
1-1/2	5.0	4,256	21,280	0	0	0	0	4,256	21,280
2	8.0	12,191	97,528	1	8	4	28	12,196	97,564
3	15.0	931	13,965	3	45	2	26	936	14,036
4	25.0	823	20,575	16	400	4	86	843	21,061
6	50.0	199	9,950	24	1,200	0	0	223	11,150
8	80.0	67	5,360	11	880	2	138	80	6,378
10	100.0	30	3,000	2	200	2	172	34	3,372
12	125.0	6	750	0	0	0	0	6	750
16	200.0	0	0	0	0	0	0	0	0
Total		633,907	862,891	58	2,734	39	476	634,004	866,101

(c)

*Meter Count: as of 04/30/19
 **Weighting deducts impact of GRAFT of .862317

PROOF OF REVENUE (Monthly Charge)

Annual Revenue	15,150,178	(a)
Monthly Revenue	1,262,515	(b)=(a)/12
Weighted No of Meters	866,101	(c)
5/8" Meter Monthly Charge	1.46	(d)=(b)/(c)

Meter Size	5/8" Equivalent	GMS		Resale		Exempt		Total Revenue
		Charge	Charge x Meters	Charge	Charge x Meters	Charge	Charge x Meters	
5/8	1.0	\$1.46	\$806,485	\$1.46	\$ 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

Project ID	Project Name	Project Type	Actual Length (feet)	Actual Dia (inches)	Actual Pipe Material	Decision Date	Starting Date (month)	Existing Pipe Material	Accelerated Investment Category	Secondary Asset Investment Category	Service	DSIC Actual Cost	Restoration Costs for Project	Functional Filings Projected In-Svc Date	Foundational Filings Projected Cost	Foundational Filings Approval
6036	Galloway - Moss Hill Rd (Smithville)	Replacement	600	8	DI	2018	4	CI	Safety/Reliability	System Flows	8/28/2018	6,841		TBD	114,000	WR15060724
6094, 6095	OC - 7th, Haven and Aldrich	Replacement	1,020	16	PVC	2018	6	CI	Relocation	Safety/Reliability	8/17/2018	730,226	145,912	TBD	613,100	WR15060724
9557	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 - Florence Avenue	Replacement	350	8	DI	2018	2	GALV	Water Quality	None	6/22/2018	40,298		Emergent	-	WR15060724
6390, 6253, 6274, 6417	OC - 2nd, Bay Ave, 6th Street	Replacement	2,320	12	PVC	2018	4	CI	Safety	System Flows	12/17/2018	1,140,779	156,056	TBD	1,107,925	WR15060724
9582	OC - West Ave between 5th - 6th	Replacement	680	8	PVC	2018	6	CI	System Flows and Pressure	None	12/17/2018	190,322	14,054	Emergent	-	WR15060724
6265, 6446	OC - 53th Street & Central Avenue	Replacement	2,709	12	PVC	2018	4	CI	Safety/Reliability	System Flows and Pressure	12/17/2018	1,352,730	126,935	TBD	781,225	WR15060724
5495	OC - West Ave (55th - 59th)	Replacement	2,230	12	DI	1950	6	AC	Safety and Reliability/Structural	System Flows and Pressure	3/20/2019	643,501	75,200	2019Q3	587,500	WR15060724
6148, 6149, 6150, 6508, 6509	Upper Township - Sawview, Saechif	Replacement	2,225	8	PVC	1970	8	CI	System Flows/Pressure	None	2/27/2018	938,549	201,580	TBD	782,555	WR15060724
6537, 6503	Linwood - Frances and Grammercy	Replacement	2,850	8	PVC	1950	4	CI	System Flows/Pressure	Conservation	2/27/2019	609,894	164,800	TBD	570,500	WR15060724
9382	Linwood - Edgewood Avenue	Replacement	3,555	8 & 12	DI	1950	6	AC	Safety and Reliability/Structural	System Flows and Pressures	3/22/2019	774,387	198,083	TBD	703,000	WR15060724
9787, 9788	OC - Simpson, Haven and 56th	Replacement	1,270	8	DI	1950	6	AC	System Flows/Pressures	Water Quality	4/9/2019	307,858	83,930	2019Q3	305,000	WR17111183
231, 232	OC - 10th and Little Atlantic	Replacement	4,000	8 & 12	PVC	1970	8	AC	System Flows/Pressures	None	4/15/2019	348,847	98,375	2019Q1	280,000	WR17111183
5515	OC - 10th and Little Atlantic	Replacement	1,085	12	PVC	1970	6	AC	System Flows/Pressure	None	4/9/2019	356,203	37,570	2019Q1	276,875	WR17111183
7545	OC - 10th and Little Atlantic	Replacement	2,635	12	DI	2018	6	CI	System Flows	Water Quality	8/10/2018	1,183,102	495,398	TBD	600,000	WR17111183
7952	Beverly - Magnolia Dr and 3rd Street	Replacement	1,926	12	DI	2018	6	CI	Safety/Reliability	System Flows/Pressure	9/5/2018	107,800		2018Q4	500,000	WR17111183
8913	Delanco - Walters and Washington	Replacement	930	8	DI	1930	4	CI	Relocation/Opportunity	System Flows/Pressure	2/21/2019	425,533	102,600	Unscheduled	-	WR15060724
9469	Delanco - Union, Poplar, Laurel, Wa	Replacement	1,680	8	DI	1930	4	CI	Safety and Reliability/Structural	System Flows and Pressure	4/30/2019	293,499	100,851	2019Q3	410,000	WR17111183
505, 6727, 6728	Palmyra - 5th, 6th, Race, Vine, Weart	Replacement	3,155	8	DI	1930	4	CI	Sustained Economic Growth	Safety and Reliability/Structural	4/24/2019	404,311	141,500	2019Q3	600,000	WR17111183
347	Cinnaminson - Plum Lane	Replacement	1,200	12	DI	1910	8	CI	Safety and Reliability/Structural	Relocation	9/5/2018	1,051,245	320,000	2020Q4	570,000	WR17111183
5330	Cherry Hill - Utah Ave	Replacement	441	4	DI	2018	4	CI	Safety/Reliability	System Flows/Pressure	6/7/2018	99,543	23,850	TBD	95,000	WR15060724
5334, 8961	Haddon Heights - 4th Ave & High St	Replacement	400	4	DI	2018	2	CI	System Flows	Water Quality	11/29/2018	135,877	24,609	TBD	87,400	WR15060724
6030, 6011, 6012	Haddon Heights - 4th Ave & High St	Replacement	4,860	8	DI	2018	6	CI	Safety/Reliability	Sustained Economic Growth	9/5/2018	1,047,354	234,961	TBD	949,500	WR15060724
9963	Lumberton - Moore, Chambers, Ross	Replacement	675	8	DI	2018	4	CI	System Flows	Safety/Reliability	6/7/2018	288,722	63,950	TBD	281,250	WR17111183
9969	Haddon Heights - Sylvan Drive	Replacement	3,224	8	DI	2018	6	AC	System Flows	Safety/Reliability	9/5/2018	1,012,266	236,650	TBD	582,000	WR15060724
9925	Somerdale - Warwick Road	Replacement	3,888	12	DI	2018	8	CI	System Flows and Pressure	Relocation	9/5/2018	1,765,132	502,560	Emergent	-	WR15060724
488	Cherry Hill - Plymouth Drive	Replacement	2,506	8	DI	2018	6	CI	Safety/Reliability	None	6/7/2018	478,662	90,267	TBD	247,000	WR15060724
5936, 6108, 5938	Laurel Springs - Glen Park, Tomlinson	Replacement	3,792	8	DI	2018	4	CI	System Flows and Pressure	Safety/Reliability	9/5/2018	1,105,015	205,550	TBD	760,000	WR15060724
335	Cherry Hill - Morris Drive & Morris	Replacement	3,568	12	DI	2018	8	CI	Safety/Reliability	None	6/7/2018	1,033,270	142,771	2020Q4	794,200	WR15060724
6000; 5997, 5998, 5996, 5999, 6002	Eastampton - Dauby, Kenil, Surrey, York, P	Replacement	606	4	DI	2018	2	PVC	System Flows and Pressure	None	9/5/2018	517,195	30,690	TBD	521,500	WR15060724
9628	Eastampton - Smithville Road	Replacement	6250	8	DI	2018	6	AC	Relocation	Safety/Reliability	9/5/2018	143,401	14,000	Emergent	-	WR15060724
5866, 5880	Camden - River Ave & State Street	Replacement	2,050	12	DI	1900	6	CI	Safety and Reliability/Structural	System Flows and Pressure	4/16/2019	728,603	235,650	TBD	738,000	WR15060724
9638	Stratford - Warwick Road	Replacement	1,224	12	DI	2018	8	AC	Relocation	Safety/Reliability	9/5/2018	332,239	84,680	Emergent	-	WR15060724
9869	Mount Holly - Hillside Road	Replacement	502	16	DIP	1920's	12	CIP	System Flows and Pressure	Safety and Reliability	9/5/2018	217,649	61,831	Emergent	-	WR15060724
9703	Audubon - Merchant/Lecato/Taylor	Replacement	1,980	6	DIP	1900	6	CI	System Flows and Pressure	Safety and Reliability/Structural	3/15/2019	504,827	126,350	2019Q1	450,000	WR17111183
5313	Audubon - Haviland Avenue	Replacement	2,100	8	DI	2018	4	CI	Water Quality	System Flows	12/17/2018	579,568	190,277	2020Q4	570,000	WR15060724
9854	Oldmans Twp - Crown Point Rd (Rt133)	Replacement	1,200	12	DI	1910	8	CI	Safety and Reliability/Structural	Relocation	4/26/2019	254,324	30,720	Emergent	-	WR15060724
7673	Laurel Springs - Lindsay, Maple, Elma, L	Replacement	4,060	8	DI	1930	4	CI	Safety and Reliability/Structural	System Flows and Pressures	3/21/2019	546,141	193,075	2017Q6	525,000	WR17111183
110	Audubon - South Logan Avenue	Replacement	2,020	8	DI	1910	4	GALV	System Flows and Pressure	Safety and Reliability	3/15/2019	154,995	469,088	2021Q1	361,000	WR17111183
9751	Cherry Hill - Macklin Dr.	Replacement	1,210	8	DI	1960	6	CI	Safety and Reliability	None	2/21/2019	239,885	56,400	3/21/2019	230,000	WR17111183
5922	Riverside - Heulings Avenue	Replacement	2,500	8	DI	1930	6	CI	Water Quality	System Flows and Pressure	4/22/2019	400,931	124,900	2018Q3	494,000	WR17111183
518, 520	Palmyra - Walnut Street and Pear St	Replacement	1,700	8	DI	1950	4	CI	Safety and Reliability/Structural	System Flows and Pressures	3/21/2019	575,579	121,700	2020Q1	511,100	WR17111183
9959	Haddon Heights - 3rd Avenue	Replacement	2,690	8	DI	1940	4	CI	System Flows and Pressure	Safety and Reliability/Structural	3/29/2019	237,817	78,565	2020Q4	305,000	WR17111183
9722	Lumberton - Lexington Avenue	Replacement	1,160	12	DI	1990	6	DI	System Flows and Pressure	Safety and Reliability/Structural	3/22/2019	209,920	56,300	2019Q4	600,000	WR17111183
9542	Farmington - Riman, Morris, W line	Replacement	2,150	8	DI	1910	6	CI	Safety and Reliability/Structural	System Flows and Pressures	4/8/2019	309,781	35,925	2021Q3	425,000	WR17111183
530	PennGrove - 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	1,800	8	DI	1950	6	CI	System Flows and Pressure	Relocation	4/15/2019	350,636	71,350	2019Q3	351,500	WR17111183
9880	Lindenwood - Lake Avenue	Replacement	3,500	8	DI	1970	6	CI	Relocation/Opportunity	Safety and Reliability	4/8/2019	515,929	57,270	4/30/2019	650,000	March 2019 Substitute
9753	Cherry Hill - Brookwood, Grass, Par	Replacement	1,175	8	DI	1930	6	AC	Safety and Reliability/Structural	Water Quality	4/24/2019	155,052	58,750	2021Q1	225,000	WR17111183
8509	Palmyra - Maryland, Oregon, Leconoy	Replacement	4,090	8	DI	1930	6	AC	Safety and Reliability/Structural	Water Quality	4/26/2019	521,982	171,900	2020Q1	600,000	WR17111183
9743	Riverton - Shrewsbury Rd & Cherry L	Replacement	800	8	DI	1920	4	CI	System Flows and Pressure	Safety and Reliability/Structural	4/17/2019	120,752	40,850	2020Q4	160,000	WR17111183
9737	Riverside - Delaware Ave & 8th St	Replacement	4,000	8	DI	1930	4	CI	System Flows and Pressure	Looping	4/22/2019	466,313	202,450	2020Q4	775,000	WR17111183
7519	Oakland Road, Maplewood	Replacement	850	16	DI	1920	12	CI	System Flows and Pressure	Safety and Reliability	8/1/2018	345,775	40,000	Emergent	-	WR15060724
8978	Parsonage Hill Rd. Main Replacement	Replacement	1,700	30	DI	1920	24	CI	Safety and Reliability/Structural	Conservation	5/25/2018	2,145,137	142,764	Emergent	-	WR15060724
8880	Essex Street, Millburn	Replacement	600	8	DI	1890	2	CI	Safety and Reliability	Conservation	8/25/2018	179,481	28,767	Unscheduled	-	WR15060724
6887	Old Short Hills Rd, Ph 1, Millburn	Replacement	3,700	8	DI	1930	6 & 8	CI	Safety and Reliability	Water Quality	7/3/2018	719,365	16,944	TBD	740,000	WR17111183
6888	Old Short Hills Rd, Ph 2, Millburn	Replacement	2,600	8	DI	1930	4 & 6	CI	Safety and Reliability	Water Quality	7/3/2018	654,071	19,057	TBD	520,000	WR17111183
557	Uvington Ave., New Providence	Replacement	3,280	8	DI	1950	4 & 6	CI	Safety and Reliability/Structural	None	8/3/2018	916,295	30,316	TBD	1,200,000	WR17111183
599	S. Maple Ave. Ph 1, Bernards	Replacement	5,100	20	PVC	1980	12	CI	Safety and Reliability/Structural	None	7/27/2018	1,786,067	3,800	TBD	1,500,000	WR17111183
6798	S. Maple Ave. Ph 2, Bernards	Replacement	2,800	8	PVC	1950	8	CI	Safety and Reliability	Conservation	5/16/2018	554,781	1,949	TBD	605,000	WR17111183
8717	Old Indian Rd, Ph 1, W. Orange	Replacement	3,300	8	DI	1950	6	CI	Safety and Reliability/Structural	Safety and Reliability	5/23/2019	438,907	49,660	TBD	500,000	WR17111183
6526	Essex Street, Long Hill	Replacement	3,975	8	DI	1950	6	CI	Safety and Reliability/Structural	Water Quality	8/9/2019	471,961	93,375	TBD	650,000	WR17111183
9804	Parsonage Hill Rd, Ph 2, Millburn	Replacement	5,500	30	DI	1920	24	CI	Safety and Reliability/Structural	Conservation	12/10/2018	2,679,046		Emergent	-	WR15060724
5312	Mountain Ave., Maplewood	Replacement	990	8	DI	1960	4	CI	Safety/Reliability	None	4/16/2019	234,286	44,320	2019Q3	231,000	WR15060724
5705	Maplewood Ave. Jefferson to Beach P	Replacement	2,100	8	DI	1960	6	CI	Safety/Reliability	None	4/7/2019					

Project ID	Project Title	Project Type	Actual Length (Feet)	Actual Dia (Inches)	Actual Pipe Material	Declare Installed	Existing Dia (Inches)	Existing Pipe Material	Asset Investment Category	Secondary Asset Investment Category	As of Date	Actual Cost	Estimated Costs to Complete	Estimated Costs to Complete	Estimated Costs to Complete	Estimated Costs to Complete	Estimated Costs to Complete	Estimated Costs to Complete
8042	BLACK POINT ROAD - BU	Replacement	1,400	8	DI	1920	1	GALV	Safety and Reliability/Structural	System Flows and Pressure	4/17/2018	181,571	48,257	Unschedule	-	WR15060724	-	WR15060724
7740	FRANKLIN AVE - OG	Replacement	2,100	8	DI	1920	4	CI	Safety and Reliability/Structural	System Flows and Pressure	8/16/2018	459,576	175,852	Unschedule	-	WR15060724	-	WR15060724
7745	OJIN STREET - OCEAN GROVE	Replacement	1,200	8	DI	1920	4	CI	Safety and Reliability/Structural	System Flows and Pressure	7/20/2018	70,534	28,138	Unschedule	-	WR15060724	-	WR15060724
252	SHORE DR - LB PHASE 2	Replacement	851	8	PVC	1980	12	DI	Safety and Reliability/Structural	None	4/22/2019	200,507	58,000	2019Q1	2017Q4	WR17111183	88,000	WR17111183
8260	WOODLAND AVE - NEPT CITY	Replacement	440	6	DI	1920	2	GALV	Safety and Reliability/Structural	System Flows and Pressure	8/23/2018	143,378	138,260	Emergent	-	WR15060724	-	WR15060724
7745	GLJM STREET PH#2	Replacement	634	12	DI	1920	4	CI	Safety and Reliability/Structural	System Flows and Pressure	1/27/2019	56,420	10,000	2019Q1	2019Q1	WR17111183	30,000	WR17111183
6021	JORDAN PLACE - AB	Replacement	720	6	PVC	1960	6	AC	Safety and Reliability/Structural	Safety and Reliability/Structural	8/23/2018	174,572	30,000	2019Q1	2019Q1	WR17111183	112,500	WR17111183
6279	JUNE PLACE - AB	Replacement	800	8	PVC	1960	6	AC	Safety and Reliability/Structural	Safety and Reliability/Structural	4/23/2019	347,721	53,000	2019Q1	2019Q1	WR17111183	225,000	WR17111183
6285	JUNIPER PLACE - AB	Replacement	1,500	8	PVC	1960	6	AC	Safety and Reliability/Structural	Safety and Reliability/Structural	3/28/2019	271,980	40,000	2019Q1	2019Q1	WR17111183	165,000	WR17111183
6084	JUBILEE CIRCLE - AB	Replacement	1,045	8	PVC	1960	6	AC	Safety and Reliability/Structural	Safety and Reliability/Structural	8/23/2018	158,809	-	2018Q4	2018Q4	WR17111183	104,000	WR17111183
8088	ST. JAMES AVE - UB	Replacement	523	8	DI	1950	6	CI	Safety and Reliability/Structural	System Flows and Pressure	8/23/2018	82,389	-	2018Q4	2018Q4	WR17111183	96,000	WR17111183
9556	NEWARK AVE - UB	Replacement	426	6	DI	1930	6	AC	Safety and Reliability/Structural	None	8/31/2018	89,135	-	2018Q4	2018Q4	WR17111183	96,000	WR17111183
9555	ARLINGTON AVE - UB	Replacement	497	6	DI	1930	6	AC	Safety and Reliability/Structural	None	3/28/2019	248,566	60,000	2018Q4	2018Q4	WR17111183	188,000	WR17111183
8671	ALBANY ROAD - NT	Replacement	2,330	8	DI	1960	6	CI	Safety and Reliability/Structural	System Flows and Pressure	9/21/2018	99,082	19,694	2018Q4	2018Q4	WR17111183	92,000	WR17111183
8668	NEW YORK ROAD - NT	Replacement	460	8	DI	1960	6	CI	Safety and Reliability/Structural	System Flows and Pressure	9/25/2018	89,539	28,591	2018Q4	2018Q4	WR17111183	68,000	WR17111183
8670	WATERVIEW COURT - NT	Replacement	340	8	DI	1960	6	CI	Safety and Reliability/Structural	System Flows and Pressure	11/28/2018	82,187	16,000	2018Q4	2018Q4	WR17111183	70,000	WR17111183
6023	AUDREY PLACE - NT	Replacement	226	8	DI	1960	2	GALV	Safety and Reliability/Structural	Water Quality	12/11/2018	158,185	43,000	2018Q4	2018Q4	WR17111183	150,000	WR17111183
5980	CLAYTON AVE - NT	Replacement	804	8	DI	1940	4	CI	Safety and Reliability/Structural	System Flows and Pressure	10/22/2018	200,647	-	2018Q4	2018Q4	WR17111183	180,000	WR17111183
8256	3RD AVE - NC	Replacement	723	8	DI	1960	2	DI	Safety and Reliability/Structural	System Flows and Pressure	10/22/2018	480,215	-	2018Q4	2018Q4	WR17111183	200,000	WR17111183
8619	UNION AVE - NC	Replacement	2,455	8	DI	1970	6	DI	Safety and Reliability/Structural	System Flows and Pressure	4/9/2019	31,166	30,000	2019Q1	2019Q1	WR17111183	153,750	WR17111183
5815	N LIOVETT AVE - LS	Replacement	1,040	8	DI	1920	2	CI	System Flows and Pressure	Safety and Reliability	12/31/2018	512,847	97,000	2018Q4	2018Q4	WR17111183	105,000	WR17111183
5816	WOODLAND ST - LS	Replacement	700	6	DI	1930	2	CI	System Flows and Pressure	Safety and Reliability	10/30/2018	145,254	29,420	2018Q4	2018Q4	WR17111183	105,000	WR17111183
581	PROSPECT AVE - NT	Replacement	3,731	8	DI	1940	2	CI	Safety and Reliability/Structural	None	10/30/2018	91,803	18,137	2018Q4	2018Q4	WR17111183	73,500	WR17111183
5928	BAKER DR - WS	Replacement	643	8	DI	1950	2	CI	System Flows and Pressure	Safety and Reliability	10/25/2018	62,328	15,259	2018Q4	2018Q4	WR17111183	60,000	WR17111183
6073	PINE AVE - WB	Replacement	474	6	DI	1920	2	CI	System Flows and Pressure	Safety and Reliability	10/30/2018	134,330	34,370	2018Q4	2018Q4	WR17111183	105,000	WR17111183
6189	POPLAR AVE - WB	Replacement	403	6	DI	1950	2	CI	Safety and Reliability/Structural	Safety and Reliability/Structural	9/25/2018	421,734	170,000	2018Q4	2018Q4	WR17111183	190,260	WR17111183
5927	WOOLLEY PLACE - WB	Replacement	693	6	DI	1950	2	CI	System Flows and Pressure	Safety and Reliability	3/28/2019	93,135	15,000	2018Q4	2018Q4	WR17111183	56,250	WR17111183
9566	Neptune Blvd - Neptune	Replacement	1,857	8	DI	1990	6	AC	Safety and Reliability/Structural	Safety and Reliability/Structural	4/9/2019	156,095	30,000	2019Q1	2019Q1	WR17111183	114,750	WR17111183
5296	Alden Ct - AB	Replacement	400	6	PVC	1960	6	DI	Safety and Reliability/Structural	Safety and Reliability/Structural	12/11/2018	238,594	43,000	2018Q4	2018Q4	WR17111183	131,000	WR17111183
6153	Duda Ln - AB	Replacement	730	8	PVC	1960	6	AC	Safety and Reliability/Structural	Safety and Reliability/Structural	12/13/2018	187,068	45,000	2018Q4	2018Q4	WR17111183	130,000	WR17111183
7044	Shadow Brook Rd - Shrewsbury	Replacement	1,939	8	DI	1960	2	GALV	Safety and Reliability/Structural	None	12/11/2018	280,530	44,000	2018Q4	2018Q4	WR17111183	187,500	WR17111183
5784	Oceanport Ave - DP	Replacement	770	8	DI	1980	2	CI	Safety and Reliability/Structural	Water Quality	12/10/2018	127,446	25,000	2018Q4	2018Q4	WR17111183	60,000	WR17111183
255	Werah Pl - OP	Replacement	1,186	8	PVC	1960	2	GALV	Safety and Reliability/Structural	None	12/10/2018	100,571	25,000	2018Q4	2018Q4	WR17111183	120,000	WR17111183
7041	Greenwood Ave - NT	Replacement	444	6	DI	1890	2	GALV	Safety and Reliability/Structural	System Flows and Pressure	12/10/2018	127,446	25,000	2018Q4	2018Q4	WR17111183	175,000	WR17111183
6037	Park Pl - NT	Replacement	546	8	DI	1940	4	CI	Safety and Reliability/Structural	System Flows and Pressure	12/10/2018	156,138	20,000	2018Q4	2018Q4	WR17111183	135,000	WR17111183
5975	Verona Ave - NT	Replacement	1,052	8	DI	1940	4	CI	Safety and Reliability/Structural	Safety and Reliability/Structural	12/11/2018	51,478	27,000	2018Q4	2018Q4	WR17111183	175,000	WR17111183
5427	Chestrut/Oak St - Highlands	Replacement	600	6	DI	1940	2	CI	Safety and Reliability/Structural	Safety and Reliability/Structural	12/10/2018	158,404	32,000	2018Q4	2018Q4	WR17111183	135,000	WR17111183
5843	Waterloch Ave - Highlands	Replacement	292	8	DI	1920	2	GALV	System Flows and Pressure	Safety and Reliability	12/10/2018	138,944	-	2018Q4	2018Q4	WR17111183	78,750	WR17111183
9564	W. Lake Ave - NT	Replacement	751	6	DI	1950	6	CI	Safety and Reliability/Structural	None	9/24/2018	168,936	-	Emergent	-	WR15060724	-	WR15060724
9565	Embury Ave - Nep	Replacement	917	8	DI	1930	4	CI	Safety and Reliability/Structural	None	9/24/2018	146,518	-	2018Q4	2018Q4	WR17111183	180,000	WR17111183
8497	Robin Rd - Nep	Replacement	900	8	DI	1930	6	CI	Safety and Reliability/Structural	System Flows and Pressure	9/24/2018	104,703	-	Emergent	-	WR15060724	-	WR15060724
9581	Bridge Rd - Asbury	Replacement	741	8	DI	1890	6	CI	Safety and Reliability/Structural	System Flows and Pressure	10/31/2018	202,087	-	Emergent	-	WR15060724	-	WR15060724
9580	Deal Lake Dr - Asbury	Replacement	1,358	12	DI	1940	6	CI	Safety and Reliability/Structural	System Flows and Pressure	4/22/2019	345,045	56,000	2020Q3	2020Q3	WR17111183	223,000	WR17111183
573	Forman - FH	Replacement	1,500	8	DI	1920	2	GALV	Safety and Reliability/Structural	None	12/10/2018	45,533	-	Unschedule	-	WR15060724	-	WR15060724
8285	Windsor Terr - Neptune City	Replacement	220	8	DI	1970	2	CI	Safety and Reliability/Structural	System Flows and Pressure	12/7/2018	94,521	-	Emergent	-	WR15060724	-	WR15060724
9852	WESTON PL - AB	Replacement	340	8	PVC	1960	6	AC	Safety and Reliability/Structural	Safety and Reliability/Structural	4/22/2019	252,630	85,000	2019Q1	2019Q1	WR17111183	385,000	WR17111183
9576	MAIN STREET - ASH	Replacement	3,768	12	DI	1940	4	CI	Safety and Reliability/Structural	Water Quality	3/28/2019	377,129	-	2019Q1	2019Q1	WR17111183	420,000	WR17111183
5916	CEDAR AVE-AH	Replacement	2,400	8	DI	1980	4	CI	System Flows and Pressure	water Quality	4/22/2019	283,466	54,000	2019Q1	2019Q1	WR17111183	315,000	WR17111183
5935	ELBERON AVE-AH	Replacement	1,499	8	DI	1900	6	CI	Water Quality	System Flows and Pressure	4/22/2019	65,170	-	2019Q1	2019Q1	WR17111183	90,000	WR17111183
6929	CEDAR AVE- PHASE II-AH	Replacement	550	8	DI	un	4	CI	System Flows and Pressure	Safety and Reliability/Structural	4/12/2019	129,404	29,000	2019Q1	2019Q1	WR17111183	120,000	WR17111183
7763	BROUWERIE AVE-IL	Replacement	710	8	DI	1920	4	CI	Safety and Reliability/Structural	System Flows and Pressure	4/12/2019	75,287	14,000	2019Q1	2019Q1	WR17111183	60,000	WR17111183
7757	IVY PLACE - NT	Replacement	600	8	DI	1930	2	CI	Safety and Reliability/Structural	System Flows and Pressure	4/17/2019	53,654	15,000	2019Q1	2019Q1	WR17111183	40,000	WR17111183
7764	INTERLAKEN DR-IL	Replacement	400	8	DI	1930	4	CI	Safety and Reliability/Structural	System Flows and Pressure	4/12/2019	78,460	32,000	2019Q1	2019Q1	WR17111183	100,000	WR17111183
7265	IGNA PL-IL	Replacement	1,000	8	DI	1930	4	CI	Safety and Reliability/Structural	System Flows and Pressure	4/26/2019	46,831	20,000	2019Q1	2019Q1	WR17111183	60,000	WR17111183
7767	SCARBA STREET-IL	Replacement	600	8	DI	1930	2	CI	Safety and Reliability/Structural	System Flows and Pressure	4/26/2019	66,170	17,000	2019Q1	2019Q1	WR17111183	50,000	WR17111183
7769	WOODMERE RD-IL	Replacement	500	8	DI	1900	6	CI	Safety and Reliability/Structural	System Flows and Pressure	4/29/2019	39,621	17,000	2019Q1	2019Q1	WR17111183	160,000	WR17111183
7771	GRASSMERE AV-IL	Replacement	1,600	8	DI	1920	2	CI	Safety and Reliability/Structural	System Flows and Pressure	4/21/2019	86,937	17,000	2019Q1	2019Q1	WR17111183	100,000	WR17111183
7772	HETTRICK POINT RD-IL	Replacement	500	6	DI	1900	2	CI	Safety and Reliability/Structural	System Flows and Pressure	4/21/2019</							

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
I18-190031	Lakewood- Lakewood Transmission	13,021,318
I18-130100-02	Evergreen Tank Improvements - Main	209,017
I18-150072	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.

<u>Size of Meter</u>	<u>Non-Exempt Per Month</u>	<u>Exempt Per Month</u>
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 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.