

November 15, 2021

Via Electronic Filing

Hon. Aida Camacho-Welch Secretary Board of Public Utilities 44 South Clinton Ave, 9th Floor P.O. Box 350 Trenton, NJ 08625-0350

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

("DSIC") – Second Surcharge Filing BPU Docket No. WR20030256

Dear Secretary Camacho-Welch:

Enclosed for filing on behalf of New Jersey-American Water Company, Inc. (the "Company" or "NJAWC") in the above-referenced matter (the "Fourth DSIC Foundational Filing"), please find the Company's Distribution System Improvement Charge ("DSIC") calculation for the May 1, 2021 through October 31, 2021 DSIC Recovery Period, as well as the Company's Eleventh Revised Tariff Sheet No. 37, effective December 30, 2021.

The filing consists of Schedule A, the calculation of the second surcharge under the Fourth DSIC Foundational Filing; Schedule B, the DSIC surcharge bill impact and the proof of revenue; Schedule B1, the DSIC surcharge reconciliation calculation for the prior period; Schedule C, the detailed main replacement and rehabilitation list; and Schedule D, the breakdown of blanket valves, hydrants and services, unscheduled main replacements, and the plant comprising the base spending for the first full DSIC year under the Company's Fourth DSIC Foundational Filing. Schedule E, the Company's confidential Earnings Test for the twelve months ended October 31, 2021, is being provided in redacted form. The confidential version will be filed separately, along with a request for confidential treatment of this information.

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

Respectfully submitted,

Christopher M. Arfaa

CMA:dlc Enc.

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

Eleventh Revised Sheet: No. 37 Superseding Tenth Revised Sheet: No. 37

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 December 30, 2021.

RATE

This charge is in addition to Rate Schedules A-1 through A-16, C, D, E, F, H, I and J.

Size of Meter	Non-Exempt Per Month	Exempt Per Month
5/8"	\$2.44	\$2.11
3/4"	3.67	3.17
1"	6.11	5.28
1 1/2"	12.22	10.55
2"	19.55	16.89
3"	36.66	31.66
4"	61.10	52.77
6"	122.20	105.54
8"	195.52	168.87
10"	244.39	211.08
12"	305.49	263.85
16"	488.79	422.16

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 October 28, 2020. 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.

SPECIAL PROVISION

*Non-Exempt consumption charges reflect a water tax of \$.01 per 1,000 gallons of water consumed pursuant to N.J.S.A. 58:12A-21(a). Exempt consumption charges reflect a water tax of \$.01 multiplied by 0.8636945 per 1,000 gallons. This water tax is not applicable for sales for resale service.

Issued: November 15, 2021 Effective: December 30, 2021

By: Mark K. McDonough, President

One Water Street, Camden, NJ 08102

Filed pursuant to Order of the Board of Public Utilities entered in

Docket No. WR20030256 dated October 28, 2020.

I/M/O the Petition of New Jersey-American Water Company, Inc. for Authorization to Implement a Tariff Supplement Establishing a Distribution System Improvement Charge BPU Docket No. WR20030256 Service List

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John Tomac Senior Director of Rates & Regulation New Jersey American Water One Water Street Camden, NJ 08102

I/M/O the Petition of New Jersey-American Water Company, Inc. for Authorization to Implement a Tariff Supplement Establishing a Distribution System Improvement Charge BPU Docket No. WR20030256 Service List

Jamie Hawn Senior Manager of Rates & Regulation New Jersey American Water One Water Street Camden, NJ 08102

Donald C. Shields, P.E. Vice President, Engineering New Jersey American Water One Water Street Camden, NJ 08102

Vince Monaco, P.E. New Jersey American Water One Water Street Camden, NJ 08102

Frank B. Cook New Jersey American Water 149 Yellowbrook Road, Suite 109 Farmingdale, NJ 07727 New Jersey - American Water Company, Inc. 4th Foundational Filing - WR20030256 **DSIC Recovery Surcharge Filing**

DSIC Recovery Surcharge Filing				
		DSIC Surcharge Filing #1	DSIC Surcharge Filing #2	
		7/1/2020 to 4/30/2021	5/1/2021 to 10/31/2021	Total
Total Proposed DSIC Additions		\$ 141,560,088	\$ 131,592,568 \$	273,152,656
Less: Base Expenditures		(18,331,883)	(22,910,577)	(41,242,460)
Eligible Investment (Qualified DSIC Additions to UPIS During DSIC Period)	_	123,228,205	108,681,991	231,910,196 (A)
Less: Accum Depr		(798,416)	(1,380,601)	(2,179,017) (B)
Less: Deferred Tax	_	(263,631)	(455,865)	(719,496) (C)
Eligible Net Investment (net DSIC Additions to UPIS During DSIC Period)		122,166,158	106,845,526	229,011,683
Times Pre-Tax ROR	X	8.4152%	8.4152%	8.4152% (D)
Pre-Tax Return on Investment		10,280,526	8,991,265	19,271,791
Add: Depreciation	_	1,916,199	1,690,005	3,606,204
Revenue Recovery		12,196,725	10,681,270	22,877,995
Revenue Factor	_	\$1.167243	\$1.167243	\$1.167243 (E)
DSIC Revenue Requirement Recovery Amount - Annual		14,236,536	12,467,632	26,704,168
Deduct: over-collection from prior DSIC period (Sch. B1)		(\$466,130)	(60,229)	(526,359)
Total DSIC Surcharge Recovery Amount - Annual		13,770,406	12,407,403	26,177,809

DSIC Revenue Requirement Recovery Amount - Monthly

\$2,181,484

UPIS ADDITIONS SUMMARY

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

Asset Category
Main Replacements & Rehab
Blanket Hydrant & Valve Replacements
Blanket Service Replacements
Unscheduled Main Replacements
Base Spend
Subtotal

7/1/2020 to 4/30/2021	5/1/2021 to 10/31/2021	Schedule
75,950,499	57,050,378	Schedule C
14,000,871	7,651,825	Schedule D
24,262,524	24,262,524	Schedule D
9,014,311	19,717,264	Schedule D
18,331,883	22,910,577	Schedule D
\$141,560,088	131,592,568	

\$108,681,991

7/1/2020 to 4/30/2021 5/1/2021 to 10/31/2021

\$123,228,205

(B) - Accumulated Depreciation: DSIC Eligible projects closed to UPIS Composite Depreciation rate Annual Depreciation Expense

Annual Depreciation Expense	1,916,199	1,690,005
Cumulative Depreciation Expense	798,416	1,380,601
(C) - Deferred Taxes:		
DSIC Eligible projects closed to UPIS	\$123,228,205	\$108,681,991
MACRS Rate	4.00%	4.00%
Annual Tax Depreciation	4,929,128	4,347,280
Cumulative Tax Depreciation	2,053,803	3,551,384
Less: Book Depreciation	798,416	1,380,601
Tax Depr Greater than Book	1,255,387	2,170,783
Deferred Taxes at 21%	\$263,631	\$455,865

(D) - Pre-Tax Rate of Return:

(b) The ran hate of hetarm			Maighted Average	Dec Tou
	Ratios	Cost Rate	Weighted Average Cost of Capital	Pre-Tax ROR
Long Term Debt ¹	45.44%	3.93%	1.7851%	1.7851%
Common Equity	54.56%	9.60%	5.2378%	6.6301%
Subtotal Return on Rate Base	100.00%		7.0229%	8.4152%

 $^{^{\}rm 1}$ Cost Rate of Long Term Debt as of 10/31/2021

(E)	- Revenu	e Factor:

Dollar of Revenue \$1.000000 (0.136306) Less: GRT Tax Less: Bad Debts & Reg Assessments (0.004285) (0.002154) From latest bill Less: BPU Assessment (0.000535) From latest bill Less: DRC Assessment Revenue remaining after taxes, bad debts, and assessments 0.856720

Revenue [Gross-up] Factor \$1.167243

(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

Total annual revenues from most recent base rate case of $$100,000,000 \times 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 \$764,877,189

\$2.44
1.80%

DSIC Surcharge Bill Impact

New Jersey-American Water

$\underline{\textbf{Basis for Allocating Meter Costs to Customer Classifications}}$

		G	MS	Re	sale	Ex	empt	Total		
Meter	5/8"	Number		Number		Number		Number		
Size	Equivalent	of Meters*	Weighting	of Meters*	Weighting	of Meters*	Weighting**	of Meters*	Weighting	
5/8	1.0	566,278	566,278	2	2	10	9	566,290	566,289	
3/4	1.5	17,887	26,831	0	0	2	3	17,889	26,834	
1	2.5	45,213	113,033	2	5	4	9	45,219	113,047	
1-1/2	5.0	4,421	22,105	0	0	0	0	4,421	22,105	
2	8.0	12,689	101,512	3	24	6	41	12,698	101,577	
3	15.0	954	14,310	5	75	2	26	961	14,411	
4	25.0	910	22,750	18	450	8	173	936	23,373	
6	50.0	211	10,550	26	1,300	1	43	238	11,893	
8	80.0	87	6,960	14	1,120	2	138	103	8,218	
10	100.0	36	3,600	2	200	4	345	42	4,145	
12	125.0	3	375	1	125	2	216	6	716	
16	200.0	0	0	0	0	0	0	0	0	
Total		648,689	888,304	73	3,301	41	1,003	648,803	892,608	
	***		•	•				•	(c)	

Proof of Revenue (Monthly Charge)

\$26,177,809 Annual Revenue (a) Monthly Revenue 2,181,484 (b)=(a)/12Weighted No of Meters 892,608 (c) 5/8" Meter Monthly Charge \$2.44 (d)=(b)/(c)

Meter 5/8' Size Equival	- 4-11		iMS	Res	sale	Ex		
	5/8" Equivalent	Charge	Charge x Meters	Charge	Charge x Meters	Charge	Charge x Meters	Total Revenue
5/8	1.0	\$2.44	\$1,383,951.81	\$2.44	\$4.89	\$2.11	\$21.10	\$1,383,977.80
3/4	1.5	3.67	65,572.24	3.67	0.00	3.17	6.34	65,578.58
1	2.5	6.11	276,245.12	6.11	12.22	5.28	21.12	276,278.46
1-1/2	5.0	12.22	54,023.39	12.22	0.00	10.55	0.00	54,023.39
2	8.0	19.55	248,089.66	19.55	58.65	16.89	101.34	248,249.65
3	15.0	36.66	34,972.84	36.66	183.30	31.66	63.32	35,219.46
4	25.0	61.10	55,599.73	61.10	1,099.77	52.77	422.16	57,121.66
6	50.0	122.20	25,783.61	122.20	3,177.13	105.54	105.54	29,066.28
8	80.0	195.52	17,009.85	195.52	2,737.22	168.87	337.74	20,084.81
10	100.0	244.39	8,798.20	244.39	488.79	211.08	844.32	10,131.31
12	125.0	305.49	916.48	305.49	305.49	263.85	527.70	1,749.67
16	200.0	488.79	0.00	488.79	0.00	422.16	0.00	0.00
Total			\$2.170.962.93		\$8,067.46		\$2,450.68	\$2,181,481.07

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

^{*}Meter Count as of 10/31/2021 **Weighting deducts impact of GRAFT of .8636939

Schedule B1

New Jersey - American Water Company, Inc.
4th Foundational Filing - WR20030256
DSIC Surcharge Reconciliation Calculation - Prior Period

Effective Date	DSIC Surcharge	Approved Amount ¹	Monthly Amount	Months in Place	Allowed Revenues				
6/28/2021	Filing #1	\$14,208,872	\$1,184,073	6	\$7,104,436				
Total Allowed Revenue	e				\$7,104,436				
Over-Collection Prior D	OSIC Period	(\$466,130)	(\$38,844)	6	(\$233,065)				
Total Billed - 7/1/21 th Total DSIC Shortfall / (1 ²			\$6,929,545 (\$58,174)				
Weighted Average Cos Interest per day Total Interest for perio	·	Annual 7.0229% hrough December 3	31, 2021	<u>Daily</u> 0.0192% (\$11)	(\$2,055)				
Total DSIC (Overage) with Interest - Credit against Surcharge									

¹ Approved Amount excludes any reconcilation amounts

² November & December estimated by using October billed amount.

10354

7789

7786

7788

7795

6171

7726

6979

7726

10510

8102

7158

PROSPECT AVE - AP PHASE 1

COMSTOCK ST BET 1ST & 2ND - AP

7TH AVE BET MAIN & GRAND AP

ROOSEVELT AVE-OT PHASE

5TH AVENUE PHASE 1 - RR

5TH AVENUE PHASE 2 - BB

BLACKBERRY BAY RD-OF

GILLESPIE AVE-FH

ALLEN AVENUE - AF

7TH AVE BET KINGSLEY & GRAND AP

CEDAR AVE- AH PHASE II-RR X-ING

COMSTOCK STREET AP

CENTRAL AVENUE - AF

Schedule C

DSIC Recovery Surcharge Filing #2 - November 2021 FF= Foundational Filina DSIC#1 Actual Actual Length Actual Dia. Actual. Pipe Existing Dia. Existing Pipe Secondary Asset Investment FF Comparis Paving Comparisor Project Title elerated Investment Categor Category 383, 7292 Bridgeport-Logan Syst Consolidation 3,000 Q3 2016 Replace 4760 System Flows and Pressures System Flows and Pressures 500,000 WR17111183 9706-9711 36-inch CI-Rumson PI-Little Silver - Ph 1 Replace 1600 1920 Crossing Risk Reduction Safety and Reliability/Structural 4/30/2021 4 572 072 109.245 534 743 04 2021 7.200.000 WR17111183 Tinton Ave 24" Main Replacement System Flows and Pressures Replace 10/1/2023 5.083.551 390,525 Q4 2021 WR20030256 Replace Replace 10106 Tinton Ave 24" Renl - Phase 1/3c/3e 1250 DIP 1950 System Flows and Pressures 10/1/2021 404 909 04 2021 400 000 WR20030256 System Flows and Pressures 8102 River Rd Main Repl 13884 1900 Safety and Reliability/Structural 10/27/2023 4,392,072 Q1 2021 300,000 WR20030256 9270, 9271 Clark C&L Rehab 16329 CI 1950 CI System Flows and Pressures Water Quality 10/31/2021 2.915.748 Q4 2020 3.340.000 WR20030256 6314, 6527,6530,6531,6532 Somers Point-Village, Dogwood, V System Flows and Pressures 12/22/2020 1.401.565 (70.016 510.725 Q4 2020 1.607.750 WR15060724 Replace 5508, 6064, 6065 Absecon- Osage Lane, West 12th Stre Replace 2020 DIP 1910 CI System Flows and Pressures Water Quality 12/22/2020 637,571 11,110 186,810 Q4 2020 550,000 WR15060724 6395, 6416 OC- Delancey Place and 3rd Street Replace 2240 1910 Safety and Reliability/Structura System Flows and Pressures 11/30/2020 1,112,548 (36,552) 423,032 Q4 2020 479,250 WR15060724 6397, 6275 OC- St. James Place and 1st Avenue Replace 2020 DIP 1910 Safety and Reliability/Structural System Flows and Pressures 12/9/2020 1.391.359 (440.032) 423.032 Q4 2020 565,200 WR15060724 Safety and Reliability/Structura 1,068,918 183,030 Q4 2020 WR15060724 6249 OC- Bay Ave 18th to 22nd PVC PVC System Flows and Pressure 11/30/2020 185,002 590.000 8634 OC Bay Ave- 22 to 26th Replace 2600 1940 12 AC System Flows and Pressures 11/30/2020 1,042,109 (170,672) 305,600 Q4 2020 592,750 WR17111183 6313 6315 DIP Safety and Reliability/Structura 1,089,670 436,125 Q4 2020 Somers Point- Violet Avenue and Vil Replace 4200 1950 System Flows and Pressure 12/22/2020 105,972 1,018,750 WR15060724 8517, 8514, 5386 OC-Seacrest.Seaview, Secliff Replace 2620 1940 System Flows and Pressures 2/19/2021 693.258 (57,794) 136.050 Q4 2021 633.250 WR19121516 6251, 10403 OC- West Ave (26th -31st) Replace 2775 PVC PVC 1940 System Flows and Pressures 3/31/2021 1 262 089 161.923 163 700 04 2021 811.750 WR15060724 OC- Asbury Ave 34 to 39th Replace 2836 1950 System Flows and Pressures 4/16/2021 1,162,232 305,547 326,750 Q4 2021 766,000 WR19121516 12 6453 6456 Pleasantville- Franklin Collins M Replace 2655 DIP 1930 Safety and Reliability/Structura System Flows and Pressures 4/30/2021 672 198 265 721 316 800 02 2021 384 500 WR15060724 6454, 6457 Pleasantville- E. Adams Avenue 1600 DIP 1930 Safety and Reliability/Structura System Flows and Pressures 4/30/2021 290,604 222,192 164,125 Q4 2021 590,600 WR15060724 Replace 6553 8305 Linwood- Shore Road Phase 7 Replace 2952 DIP 1970 Safety and Reliability/Structura System Flows and Pressures 9/9/2021 1.244.015 321 575 03 2021 1.246.250 WR17111183 12 CI DIP 135,543 14,441 Q3 2021 WR17111183 Pleasantville- Doughty Road Replace 1600 1930 System Flows and Pressures 10/29/2021 596,000 8760 Ocean City- 32nd Street (Asbury to Replace 275 DIP 1940 System Flows and Pressures 10/27/2021 15,747 Q4 2021 69,000 WR20030256 Somers Point- Bala Ave and Amble 341,550 Q4 2021 1950 Safety and Reliability/Structura System Flows and Pressures 10/27/2021 Replace 4200 817,930 875,000 WR20030256 7603 Lindenwold- Aston Martin Rentley Replace 6340 DIP 1950 Safety and Reliability/Structura 1/4/2021 1 474 662 155 844 371 652 04 2020 1.500.000 WR17111183 5864, 5868, 5894 Camden- Dudley Park Area 1910 System Flows and Pressure 4/28/2021 1,221,118 451,643 461,960 Q3 2024 266.000 9816 Audubon- East Graisbury Avenue Replace 2300 DIP 1900 Safety and Reliability System Flows and Pressures 2/19/2021 801.977 11.475 269.825 Q4 2020 480.000 WR17111183 CI Carneys Point- South Golfwood Rd Replace Safety and Reliability/Structura 64,151 WR17111183 500 1950 1/14/2023 (322) 8,010 Q4 2020 50,000 9752 Cherry Hill-Windsor Dr. Windsor Ct. Replace 3360 DIP 1960 CI Safety and Reliability 1/4/2021 833 751 97.277 182 195 O4 2020 810,000 WR17111183 Lindenwold- Columbus Avenu 460 1950 Safety and Reliability/Structura 12/9/2020 129,547 5.697 31.800 Q4 2020 WR15060724 5920 em Flows and Pressure: 95.000 8362 Palmyra- W. Charles, W. Henry, Hubbs Replace 6220 DIP 1950 AC Safety and Reliability/Structural System Flows and Pressures 12/9/2020 1.268,430 (1.577) 368.310 Q4 2020 1.569.400 WR17111183 5960 Haddon Heights- 8th Avenue Replace 860 700 DIP 1900 System Flows and Pressures Safety and Reliability/Structural 10/28/2020 221,496 3,608 50,550 Q4 2020 163,400 WR15060724 HH- Narberth Avenue 1920 System Flows and Pressures Safety and Reliability/Structural 232,954 (9,851) Replace 10/30/2020 47,404 Q4 2020 129,200 WR15060724 9918 9717 5731 Oaklyn- Beechwood, Johnson, E. Lak Replace 2680 DIE 1900 System Flows and Pressures Safety and Reliability/Structural 10/26/2020 556,599 203 774 04 2020 431 400 WR19121516 (102) Oaklyn- White Horse Pike DIP 1,743,380 542,800 Q4 2020 WR17111183 9716 Replace 4680 1900 Safety and Reliability/Structura System Flows and Pressures 9/10/2021 1,200,000 8577 6200 7560 DIP DIP Safety and Reliability/Structura Safety and Reliability 3/12/2021 1 371 305 262 310 04 2021 1.349.000 WR19121516 Delran- Edgewood Avenu Replace 1950 1950 4.062 Safety and Reliability/Structural Delran- Junita, Brown, Ithaca and 5 8577 Replace Safety and Reliability 4/5/2023 1,048,629 500,571 331,500 Q4 2021 1,349,000 WR19121516 8622 Cherry HIL Pennsylvania Avenue Replace 6520 DIE 1950 Safety and Reliability/Structura Sustam Flows and Pressure 4/28/2021 1.129.355 222 594 335 170 O4 2024 870 200 WR19121516 ΔC 5856, 7708, 9745 Camden- South Dudley Park 4100 1910 Safety and Reliability/Structural 4/28/2021 662,927 172,823 253,600 Q3 2021 2,540,700 WR15060724 System Flows and Pressures Replace GT- Jefferson Drive, Valley Forge Place 8688 Replace 6360 DIP DIP 1960 Safety and Reliability/Structura System Flows and Pressures 10/25/2021 1 045 516 402.820. 04.2024 1.200.000 WR20030256 10217 Cherry Hill- Fox Chase Lane 1200 1960 Safety and Reliability/Structura 33,527 63.680 Q4 2023 WR19121516 4/16/2023 200,000 Replace 10205 Cherry Hill- Old Town Circle F&W Replace 760 DIP 1960 CI Safety and Reliability/Structura 4/16/2021 14.228 188 650 43 560 O2 2021 300,000 WR19121516 10233 Safety and Reliability/Structural Somerdale- Lynwood Lane Replace 1950 7/30/2023 193,059 61,140 Q4 2024 250,000 WR20030256 10194 Audubon- W. Merchant Street Replace 1180 DIP 1900 Safety and Reliability/Structural 4/16/2021 423.978 135.326 234.060 Q2 2021 300.000 WR19121516 10220 Cherry Hill- Pebble, Meryl, Orchid Replace 4940 Safety and Reliability/Structura 7/29/2021 1,037,460 228,850 Q4 2023 1,000,000 WR19121516 10197 Haddonfield- Lane of Acres Replace 4900 DIP 1790 Safety and Reliability/Structura 10/1/2021 1,177,335 286,350 Q4 2021 800,000 WR20030256 10258 Delran- Norte Dame Drive DIP DIP Safety and Reliability/Structura 189,440 Q4 2023 600,000 WR20030256 Replace 10238, 10237 Belmont Ct., Pennbrook Ct., Whitman Ct., Hawthorne Ct., Heritage Road and Hillside Road Replace 4530 8/6 1960 Safety and Reliability/Structura 10/27/2021 612.065 234,500 Q4 2024 770.000 WR20030256 10271 6816 Somerdale- Dartmouth Rd Replace 1100 1950 Safety and Reliability/Structura 7/29/2021 226,997 41,620 Q4 2021 250.000 WR20030256 DIP Safety and Reliability/Structural Runnymeade Pkwy, N. Providenc Replace 2200 None Selected Safety and Reliability 11/18/2020 534,158 133,946 97,290 Q4 2020 440,000 WR15060724 Rerkeley Ave., Berkeley Heights 6768 Replace 300 DIP None Selected Safety and Reliability 9/26/2020 67.018 2 000 04 2020 60,000 WR15060724 6228 DIP Safety and Reliability/Structural 229.734 38.095 14.368 Q4 2020 Bradley Terrace, W. Orange Replace 690 1950 11/26/2020 138.000 WR15060724 Jones Place, W. Orange 10129 Replace 467 DIP 1980 Relocation/Opportunity Safety and Reliability 12/16/2020 194.336 42,461 4.000 04.2020 125,000 WR19121516 9780 147,478 Q2 2021 Mendham Rd. Ph1, Bernardsville Replace 2150 DIP 1990 System Flows and Pressure 3/2/2021 741,580 17,677 1,144,000 WR17111183 6810 Auduhon- W. Merchant Street Replace 2240 DIR 1930 CI Safety and Reliability/Structural Safety and Reliability 4/7/2021 1 034 366 43 558 309 201 02 2021 630,000 WR10121516 6865 Safety and Reliability 202,942 Q2 2021 River Rd. Ph 1, Fairmont-Henry, Cha 3900 DIP 1930 4/23/2021 1,081,451 321,213 740.000 WR15060724 Replace Water Quality 6676 River Rd. Ph 2. Henry to Club. Chat. Replace Replace 960 12 DIP DIP 1940 Safety and Reliability/Structural Water Quality 4/29/2021 260.307 107.814 63 370 04 2021 280 125 WR15060724 9764 Mendham Rd. E, Cold Hill to Hope Fa 1260 1920 System Flows and Pressure 5/18/202 330,439 57,750 Q4 202 6330 E. Main St. Mendham, Cold Hill-Moun Replace 5160 12 DIP None Selected System Flows and Pressure 7/12/2021 2.070.163 258.990 Q4 2021 1.732.500 WR15060724 CI 191,605 Q4 2021 Timber Rock Trail, Bernardsville Replace 1950 System Flows and Pressure Saftey and Reliability 8/12/2023 1,435,388 1,628,000 WR20030256 6713 Rt 206 Somerville Rd to Lamington Replace 1500 DIP 1950 CI Safety and Reliability/Structura 10/31/2021 462 620 106 488 O4 2021 300,000 WR15060724 Deer Haven Rd, Old Dutch Rd. to Dea Replace 1950 Safety and Reliability/Structura 95,640 Q4 2021 WR15060724 6765 Conservation 10/15/2023 697,962 260.000 6846 Southgate Ed., N. Providence Replace 2740 12 DIP 1960 CI Safety and Reliability/Structural Safety and Reliability/Structural 10/26/2021 720.391 117.005 Q2 2022 560.000 WR15060724 5756 Wyoming Ave., Washington Bore 1250 DIF Pre-1900 System Flows and Pressure Safety and Reliability/Structura 1/13/2023 348,526 47,577 63,500 Q1 2021 225,000 WR15060724 5764 Valley View Rd., Washington Two Replace 690 DIP 1960's AC System Flows and Pressure None 1/5/2021 183 880 46.880 29 325 04 2020 138 000 WR15060724 397,645 113,897 54,500 Q4 2020 25,575 Q4 2020 5767 Pohatcong Drive, Washington Two Replace 1535 DIP 1960's System Flows and Pressure 12/31/2020 35,318 WR15060724 307.000 5768 Jackson Parkway, Washington Twp Replace 450 1960's System Flows and Pressure None 12/30/2020 1,785 100,000 WR15060724 5765 Pohatcong Terrace, Washington Twp Replace 615 DIP DIP 1960's System Flows and Pressure 12/30/2020 117,966 8,704 20.700 04.2020 123,000 WR15060724 5740 Flower Ave. Ph 1, Sunrise to Hardin Replace 1620 1970 Safety and Reliability/Structural 4/9/2021 379,196 118,610 51,288 Q2 2021 341.000 WR15060724 Flower Ave. Ph2, Harding to E.Washi E. Johnson St, Belvidere Ave to Dea Replace 1620 DIP DIP Safety and Reliability/Structural 4/23/2021 434,655 15.483 56.650 02.2021 360,000 WR15060724 1960 14,069 Q4 2021 5736 630 1890 WR15060724 Replace System Flows and Pressure 9/13/2021 105,435 126,000 5745 W. Johnson St., Grand Ave to Relvid Replace 1565 200 DIP HDPE 1890 System Flows and Pressure 9/13/2021 444 598 53.418 04.2021 113,000 WR15060724 McClees Creek/Navesink River Rd HDD 1950 Safety and Reliability/Structural Crossing Risk Reduction 2/26/2021 1.264.287 457,432 Replace 37.000 Q4 2021 550.000 WR15060724 8103 EAIR HAVEN RD EH Replace 2536 DIP DIP 1920 Safety and Reliability/Structural Sustam Flows and Prossures 12/8/2020 616.114 27 316 91 000 02 2020 520,000 WR17111183 7781 3rd AVE PHASE 1 AP Replace 2466 1920 Safety and Reliability/Structura System Flows and Pressures 4/29/2021 596,272 169,044 77,000 Q4 2021 560,000 WR17111183 8132 SALEM LANE LS Replace 1293 DIP 1930 Safety and Reliability/Structura System Flows and Pressures 12/10/2020 225.830 4.002 151.000 Q4 2020 325.000 Oct 2019 Substitute 8133, 8131 STANDISH RD LS Safety and Reliability/Structura vstem Flows and Pressures 12/10/2020 93.716 4.289 50.000 Q4 2020 WR17111183 Replace 7781 3RD AVENUE PHASE 2 AP Replace 1950 DIP 1920 Safety and Reliability/Structura System Flows and Pressures 4/26/2021 579,265 154,064 37,000 Q4 2021 560,000 WR17111183 8332 SUNSET AVENUE AP PHASE Replace 3320 1920 Safety and Reliability/Structura System Flows and Pressures 4/28/2021 802,224 272,606 92,000 Q4 2021 870,000 WR17111183 8332 SUNSET AVENUE AP PHASE 2 Replace 2445 DIP 1920 Safety and Reliability/Structura System Flows and Pressures 4/26/2021 854,508 88.551 160.000 Q4 2021 870,000 WR17111183 7783 7785 DUNLEWY ST- AP 1920 Safety and Reliability/Structura ystem Flows and Pressure 4/20/202 264,674 30,789 30,000 Q4 2021 110,000 WR17111183 DRUMMOND AVE-AP Replace 1700 DIP 1930 Safety and Reliability/Structura System Flows and Pressures 4/19/2021 329,981 123,386 266,095 Q4 2021 70,000 WR17111183 8333 CENTRAL AVE - AP Replace 1220 1920 Safety and Reliability/Structura Sustam Flows and Pressure 4/26/2021 368,904 89.967 45.000 Q4 2021 280,000 WR17111183 8327 SUNSET DRIVE - AP Safety and Reliability/Structural Replace 525 DIP 1920 CI System Flows and Pressures 4/20/2021 154,549 (38,751) 25.000 Q4 2021 120.000 WR17111183 10347 LANGEORD STREET - AR Replace 458 DIP 1970 Safety and Reliability 4/19/2021 176.618 23.104 20,000 04 2021 95,600 WR19121516

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Replace

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FF= Foundational Filing

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Project ID	Project Title	Project Type	Actual Length (feet)	Actual Dia. (inches)	Actual. Pipe Material	Decade Installed	Existing Dia. (inches)	Existing Pipe Material	Accelerated Investment Category	Secondary Asset Investment Category	In Service	DSIC#1 Actual Cost	DSIC#2 Actual Cost	Paving FF Comparison Included Date	n Comparison Cost	FF Approval
7723	MADISON AVENUE - BB	Replace	2137	8	DIP	1920	2	CI	Safety and Reliability/Structural	System Flows and Pressures	4/15/2021	464,355	252,283	95,000 Q4 2021	700,000	WR17111183
7725	4TH AVE-BB PHASE I	Replace	1431	8	DIP	1920	6	CI	Safety and Reliability/Structural	System Flows and Pressures	4/16/2021	361,552	161,068	100,000 Q4 2021	575,000	WR17111183
7725	4TH AVE-BB PHASE II	Replace	1560	8	DIP	1920	6	CI	Safety and Reliability/Structural	System Flows and Pressures	4/27/2021	422,769	9,866	80,000 Q4 2021	575,000	WR17111183
10354 2759	PROSPECT AVE PHASE 2 - AP FLORENCE AVENUE - UB	Replace Replace	1976 1519	12 12	DIP	1950 1990	10 12	CI PVC	Safety and Reliability Safety and Reliability/Structural	System Flows and Pressures	10/19/2021 8/19/2021		900,802 524,964	140,000 Q4 2021 - Q4 2021	135,200 283,000	WR20030256 WR12070669
8354	West Lake Avenue - Bay Head	Replace	997	8&6	DIP	1930	4	CI	Safety and Reliability/Structural	System Flows and Pressures	7/1/2020	234,748	524,964	82,699 Q1 2019	360,000	WR17111183
8997	12th St (Forest-Rt9) Lakewood	Replace	560	8	DIP	1960	6	CI	Safety and Reliability/Structural	System Flows and Pressures	4/23/2021	101,319	24,617	28,088 Q2 2020	120,000	WR17111183
9006	15th St (Forest-Rt 9) - Lakewood	Replace	380	8	DIP	1930	6	AC	Safety and Reliability/Structural	System Flows and Pressures	4/26/2021	91,028	5,719	23,524 Q2 2020	80,000	WR17111183
7428	Stockport Way - Howell	Replace	470	8	DIP	1930	6	AC	Safety and Reliability/Structural		4/23/2021	117,826	30,518	55,633 Q4 2020	130,000	WR17111183
7430 9060	Westbrook Circle - Howell Beacon Drive - Howell	Replace Replace	365 1545	8	DIP	1970 2010	6	AC AC	Safety and Reliability/Structural Safety and Reliability/Structural	Water Quality	4/26/2021 4/26/2021	127,347 277.961	23,902 967	61,825 Q3 2020 82.052 Q3 2021	80,000 208.000	WR17111183 WR17111183
9061	Meadowbrook Drive - Howell	Replace Replace	1545 1545	8	DIP	1970	6	AC AC	Safety and Reliability/Structural	System Flows and Pressures System Flows and Pressures	4/26/2021	332,979	967	114,074 Q3 2021	300,000	WR17111183 WR17111183
9062	Putnam Road - Howell	Replace	872	8	DIP	1970	6	AC	Safety and Reliability/Structural	System Flows and Pressures	4/26/2021	189.299	90	71.791 Q3 2021	180.000	WR17111183
7429	Westbrook Road - Howell	Replace	3129	8	DIP	1970	6	AC	Safety and Reliability/Structural	Water Quality	4/26/2021	647,376	(22,218)	222,025 Q3 2020	800,000	WR17111183
8993	10th St_Rt9 to Lawrence - Lakewood	Replace	2872	8	DIP	1930	6	CI	Safety and Reliability/Structural	System Flows and Pressures	4/26/2021	564,428	117,120	145,338 Q3 2021	648,000	WR17111183
8995 8987	11th St_Forest to Princeton - Lakew	Replace	2708	8	DIP	1930	6	CI	Safety and Reliability/Structural	System Flows and Pressures	4/29/2021	686,239	136,296	141,182 Q3 2021	800,000	WR17111183
8987 8736	Lakewood - 7th St (RT9-Lexington) Lakewood - Cardinal Ct - Regent to	Replace Replace	878 411	8	DIP	1930 1980	6	AC CI	Safety and Reliability/Structural Safety and Reliability/Structural	System Flows and Pressures System Flows and Pressures	4/29/2021 4/23/2021	374,880 115,356	26,367 29,632	86,787 Q3 2021 32,722 Q2 2020	780,000 84,000	WR19121516 WR17111183
271	Lakewood - Lincoln - MLK to Arlingt	Replace	689	8	DIP	1960	8	CI	Relocation/Oppurtunity	System Flows and Pressures	4/23/2021	230.504	6,686	43,784 Q1 2021	138,000	WR15060724
273	Lakewood - Maple Ln - E7th to Hacke	Replace	530	8	DIP	1990	6	DI	Safety and Reliability/Structural		4/26/2021	180,181	9,464	43,390 Q1 2021	150,000	WR15060724
6200	Lakewood - E 9th St - Madison to Cl	Replace	533	8	DIP	1930	6	CI	Safety and Reliability/Structural	System Flows and Pressures	4/29/2021	154,312	29,993	42,070 Q4 2020	103,600	WR15060724
6924	Lakewood - 14th St (Hope Chapel-Mad	Replace	7863	12	DIP	1980	6	AC	System Flows and Pressures		4/29/2021	1,535,885	113,006	22,580 Q4 2020	285,000	WR15060724
7994 9041	Park Ave Lakewood - Roselle Ct: From 14th -	Replace Replace	994 1319	8 12	DIP	1950 1930	6	CI	Safety and Reliability/Structural	System Flows and Pressures System Flows and Pressures	4/29/2021 10/4/2021	224,353	107,437 273,239	66,543 Q2 2020 82,456 Q4 2022	80,000 268.000	WR17111183 WR20030256
10252	Lakewood - Walden St: Kimberly - Ce	Replace	1044	8	DIP	1930	6	CI	Safety and Reliability/Structural Safety and Reliability	System Flows and Pressures	10/4/2021		152,879	65.000 Q4 2022	236,500	WR20030256
10251	Lakewood - Kimberly Dr: 14th - Wald	Replace	856	8	DIP	1930	6	CI	Safety and Reliability		10/19/2021		194,339	65,000 Q4 2021	204,500	WR20030256
10375	Lakewood - Autumn Rd: Case - Lake	Replace	2040	8	DIP	1930	6	CI	Safety and Reliability/Structural		6/1/2021		508,265	113,290 Q4 2021	430,000	WR20030256
10371	Lakewood - Oak Knoll Rd: N Lake - C	Replace	1280	8	DIP	1930	6	CI	Safety and Reliability/Structural		10/1/2021		268,169	61,345 Q4 2021	250,000	WR20030256
9036 9034	Lakewood - Cedarview Ave: County In	Replace	138 138	6	DIP	1930	6	CI	Safety and Reliability/Structural	System Flows and Pressures	10/20/2021		77,351	50,000 Q4 2021 - Q4 2021	300,000 322,500	WR20030256 WR20030256
9034 10125	Lakewood - Fernwood Ave: 14th - DE Thompson Ave (Phase II) - Bridgewat	Replace Replace	138 1890	6 24	DIP	1930 1950	6 10 & 14	CI	Safety and Reliability/Structural Safety and Reliability	System Flows and Pressures System Flows and Pressures	10/19/2021	1 191 506	25,901 173,365	- Q4 2021 - Q4 2021		WR20030256 Jan 2020 Substitute
10125	Thompson Ave (Phase III) - Bridge Thompson Ave (Phase III) - Bridge	Replace	2600	24	DIP	1960	10 & 14	CI	Safety and Reliability	System Flows and Pressures	4/1/2021	1,140,267	13,351	40,000 Q4 2021		Jan 2020 Substitute
7553	Clover Ln - Princeton	Replace	3360	8	DIP	1930	6	CI	Safety and Reliability/Strcutural	System Flows and Pressures	11/24/2020	312,384	19,047	215,734 Q4 2020	650,000	WR17111183
7066	Marie- Ave-Bridgewater	Replace	2720	8	DIP	1930	6	CI	Safety and Reliability/Strcutural	System Flows and Pressures	2/1/2021	689,912	(427)	193,125 Q1 2021	475,000	WR15060724
9283	Metape Cir- Bound Brook	Replace	2400	8	DIP	1950	6	CI	Safety and Reliability/Strcutural	System Flows and Pressures	2/1/2021	130,148	(134,714)	- Q4 2021	600,000	WR19121516
9288 9288	Farm Lane- Bound Brook School House Ln- Round Brook	Replace Replace	580 700	8	DIP	1950 1950	6	CI	Safety and Reliability/Strcutural Safety and Reliability/Strcutural	System Flows and Pressures System Flows and Pressures	3/19/2021 4/26/2021	779,017 230,427	142,186 9.664	38,500 Q4 2022 40 425 Q4 2022	148,000 148,000	WR19121516 WR19121516
9287	SCROOL HOUSE LI- BOURD BROOK Meadow Rd- Round Brook	Replace	700 3746	8	DIP	1950	6	CI	Safety and Reliability/Strcutural Safety and Reliability/Strcutural	System Flows and Pressures System Flows and Pressures	4/26/2021	929.013	9,664	40,425 Q4 2022 221 375 Q4 2022	148,000 800,000	WR19121516 WR19121516
10609	South 4th Ave-Manville	Replace	1500	8	DIP	1950	6	AC	Safety and Reliability/Strcutural	System Flows and Pressures	4/1/2021	469.124	39.584	138.250 Q4 2021	1.600.000	WR19121516
9077	North 5th Ave-Manville	Replace	1800	8	DIP	1950	6	AC	Safety and Reliability/Strcutural	System Flows and Pressures	4/1/2021	497,305	169,983	62,450 Q4 2021	400,000	WR19121516
9186	South 5th Ave-Manville	Replace	1875	8	DIP	1950	6	CI	Safety and Reliability/Strcutural	System Flows and Pressures	4/15/2021	527,356	193,482	175,370 Q4 2024	450,000	WR19121516
9166	South 16th Ave-Manville	Replace	890	8	DIP	1950	6	CI	Safety and Reliability/Strcutural	System Flows and Pressures	4/1/2021	138,098	3,564	24,610 Q1 2020	300,000	WR17111183
9187 9185	South 6th St-Manville Pope St-Manville	Replace Replace	1700 930	8	DIP	1950 1950	6	AC CI	Safety and Reliability/Strcutural Safety and Reliability/Strcutural	System Flows and Pressures System Flows and Pressures	4/27/2021 4/28/2021	428,076 276,640	119,241 89,721	139,775 Q4 2024 116.000 Q4 2022	400,000 350.000	WR19121516 WR19121516
10192	Eastern States Pkwy-Somerville	Replace	1700	8	DIP	1930	6	CI	Safety and Reliability	System Flows and Pressures	4/28/2021	764.312	148.333	162.850 Q4 2021	510,000	WR19121516 WR19121516
10604	Madison St-Somerville	Replace	1063	8	DIP	1930	6	CI	Safety and Reliability	System Flows and Pressures	4/10/2021	181,882	36,855	44,905 Q4 2021	250,000	WR19121516
10183	Spring St-Somerville	Replace	2422	8	DIP	1930	6	CI	Safety and Reliability	System Flows and Pressures	4/23/2021	775,078	144,438	159,780 Q4 2021	550,000	WR19121516
9171	South 15th Ave-Manville	Replace	910	8	DIP	1950	6	CI	Safety and Reliability/Strcutural	System Flows and Pressures	4/1/2021	125,350	33,998	18,405 Q1 2021	300,000	WR17111183
9298 10608	E High St-Somerville	Replace	2400 1140	8	DIP	1920	6	CI	Safety and Reliability/Strcutural	System Flows and Pressures	10/10/2021		550,260 386,804	141,835 Q4 2021	400,000	WR20030256 WR20030256
5424	Demond PI-Somerville S Gaston Ave-Somerville	Replace Replace	800	8	DIP	1910 1930	4	CI	Safety and Reliability/Strcutural Safety and Reliability/Strcutural	System Flows and Pressures System Flows and Pressures	10/1/2021		386,804 147,986	19,756 Q4 2021 66,180 Q4 2021	360,000 250,000	WR15060724
10191	Ivanhoe Ave-Somerville	Replace	1060	8	DIP	1950	6	CI	Safety and Reliability/Streutural	System Flows and Pressures	10/16/2021		309.152	74.845 Q4 2021	3.500.000	WR20030256
10606	E&W Brown St-Somerville	Replace	2400	8	DIP	1930	6	CI	Safety and Reliability/Strcutural	System Flows and Pressures	10/1/2021		771,529	113,611 Q4 2022	300,000	WR20030256
9351	Fisher Ave-Princeton Boro	Replace	800	8	DIP	1920	6	CI	Safety and Reliability/Strcutural	System Flows and Pressures	10/8/2021		253,964	68,868 Q4 2022	168,000	WR20030256
9352 9353	Stanley Ave-Princeton Boro	Replace	660 1100	8	DIP	1920	6	CI	Safety and Reliability/Strcutural	System Flows and Pressures	10/8/2021		231,546 362,306	72,400 Q3 2022 96.035 Q4 2022	128,000	WR20030256 WR20030256
9353 9366	Leavitt Ln-Princeton Boro Deerpath Ln-Princeton Twp	Replace Replace	1000	8	DIP	1920 1920	6	CI	Safety and Reliability/Strcutural Safety and Reliability/Strcutural	System Flows and Pressures System Flows and Pressures	9/1/2021		362,306 338,067	96,035 Q4 2022 55,900 Q4 2021	220,000 160,000	WR20030256 WR20030256
10225	Fairmount Ave-Bridgewater	Replace	2020	8	DIP	1950	6	CI	Safety and Reliability/Strcutural	System Flows and Pressures	10/13/2021		813,507	171,951 Q4 2021	600.000	WR20030256
6659	Williams St. Main Replacement	Rehab	464	12	Steel	NA	12	Steel	Safety and Reliability/Strcutural	System Flows and Pressures	7/24/2020	319,259	-	- Q3 2020	500,000	WR15060724
9146	Summit St- Linden	Replace	2120	8	DIP	1920	6	CI	System Flows and Pressure	Water Quality	10/28/2020	559,116	5,470	45,955 Q4 2021	341,850	WR17111183
9148	Anisworth St- Linden	Replace	1540	12	DIP	1920	6	CI	System Flows and Pressure	Water Quality	10/16/2020	484,233	(11,705)	69,075 Q4 2021	330,240	WR17111183
9162	Knopf St- Linden	Replace	2260	8	DIP	1930	6	CI	System Flows and Pressure	Water Quality	12/1/2020	905,286	(2,748)	12,110 Q4 2024	584,800	WR17111183
9584 9586	Harvard Ave- Hillside Rutgers Ave- Hillside	Replace Replace	1550 1020	8 12	DIP	1930 1930	6	CI	System Flows and Pressure System Flows and Pressure	Water Quality Water Quality	6/18/2021 6/26/2021		673,016 464,488	67,605 Q4 2023 55.072 Q4 2023	400,000 275,000	WR20030256 WR20030256
9261	Martin PI- Union Twp	Replace	420	8	DIP	1940	6	CI	Safety and Reliability/Strcutural	System Flows and Pressures	4/1/2021	171,501	(50,146)	12,075 Q4 2024	84,000	WR17111183
9262	Colonial Arm Rd- Union Twp	Replace	3320	8	DIP	1930	6	CI	Safety and Reliability/Strcutural	System Flows and Pressures	11/30/2020	957,847	(83,964)	97,201 Q4 2024	660,000	WR17111183
9263	Martin Rd- Union Twp	Replace	1420	8	DIP	1940	6	CI	Safety and Reliability/Strcutural	System Flows and Pressures	4/1/2021	408,442	(25,567)	25,152 Q4 2024	284,000	WR17111183
9239	Sherwood Rd- Union Twp	Replace	1640	8	DIP	1930	6	CI	Safety and Reliability/Strcutural	System Flows and Pressures	10/13/2020	433,896	(5,254)	4,573 Q4 2025	320,000	WR17111183
9305 7544	Forest Rd- Union Twp Mabel St- Piscataway	Replace Replace	1100 1120	8	DIP	1930 1930	6	CI	System Flows and Pressure System Flows and Pressure	Water Quality Water Quality	12/23/2020	534,657 335.241	(22,112)	44,742 Q4 2021 34,500 Q4 2025	273,265 181.675	WR17111183 WR19121516
7544 9260	Mabel St- Piscataway Nixon Road, Union TWP	Replace Replace	1120 952	8	DIP	1930 1950	6	CI	System Flows and Pressure Safety and Reliability/Strcutural	Water Quality System Flows and Pressures	10/1/2020 2/9/2021	335,241 287,240	401	34,500 Q4 2025 11,700 Q4 2022	181,675 200,000	WR19121516 WR19121516
9506	Brookside Aveue, Union TWP	Replace	680	8	DIP	1960	6	CI	System Flows and Pressure	Water Quality	2/8/2021	151,514	1,728	7,800 Q4 2021	130,935	WR17111183
9509	Faitoute Ave, Union TWP	Replace	592	8	DIP	1960	6	CI	System Flows and Pressure	Water Quality	2/25/2021	151,442	148	8,050 Q4 2021	120,400	WR17111183
9507	Gray Ave, UNION TWP	Replace	610	8	DIP	1960	6	CI	System Flows and Pressure	Water Quality	2/8/2021	160,978	280	21,312 Q4 2021	131,150	WR17111183
9238	Minute Arms Rd. , Union TWP	Replace	1930	8	DIP	1940	6	CI	Safety and Reliability/Strcutural	System Flows and Pressures	2/17/2021	583,563	(86,425)	11,890 Q4 2022	372,000	WR19121516
9510 9505	Marcela Dr., Union TWP	Replace	1465	8	DIP	1960	6	CI	System Flows and Pressure	Water Quality	3/8/2021	330,062	1,546 280	4,680 Q4 2021	298,635	WR17111183
9505 9508	Biscayne Way, Union TWP Roger Avenue, Union TWP	Replace Replace	2010 680	8	DIP	1960 1960	6	CI	System Flows and Pressure System Flows and Pressure	Water Quality Water Quality	4/1/2021 3/12/2021	438,669 166,398	280 618	7,800 Q4 2021 7.895 Q4 2021	374,315 145,125	WR17111183 WR17111183
9386	3rd Avenue, Linden City	Replace	365	8	DIP	1920	8	CI	System Flows and Pressure	Water Quality Water Quality	10/28/2021	100,398	147,607	35,750 Q4 2023	78,475	WR20030256
9350	Baldwin Avenue, Liden City	Replace	1200	8	DIP	1920	6	CI	System Flows and Pressure	Water Quality	10/22/2021		308,670	91,900 Q4 2023	256,280	WR20030256
9176	Brook St, Lindne City	Replace	1690	8	DIP	1930	6	CI	System Flows and Pressure	Water Quality	10/28/2021		637,139	90,065 Q4 2021	391,730	WR20030256
9384	Sherman St, Linden City	Replace	340	8	DIP	1920	6	CI	System Flows and Pressure	Water Quality	7/1/2021		127,740	29,250 Q4 2023	73,315	WR20030256
9180 10029	W Blancke St, Linden City	Replace	2400 3300	8	DIP	1930 1910	6	CI	System Flows and Pressure	Water Quality	7/30/2021 4/1/2021	720,889	1,175,782	154,490 Q4 2021 101,619 Q4 2023	499,875 838,750	WR20030256 WR19121516
10029 9520	Westervelt Ave, North Plainfield Bo Corhett PL North Plainfield Roro	Replace Replace	3300 720	8	DIP	1910 1930	6	CI	System Flows and Pressure System Flows and Pressure	Water Quality Water Quality	4/1/2021 3/1/2021	720,889 173.152	(20,286)	101,619 Q4 2023 8.094 Q4 2021	838,750 174.580	WR19121516 WR17111183
10030	Delacy Dr., North Plainfield Boro	Replace	1300	8 and 12	DIP	1910	6	CI	System Flows and Pressure	Water Quality Water Quality	3/16/2021	369,610	1,034	23,085 Q4 2023	237,500	WR19121516
9769	Greenbrook Rd, North Plainfield Bor	Replace	5600	12	DIP	1930	6	CI	System Flows and Pressure	Water Quality Water Quality	4/28/2021	1,664,352	1,102,821	449,352 Q4 2022	1,060,000	WR19121516
9938	Wilson Ave , North Plainfield Borou	Replace	1700	8	DIP	1910	6	CI	System Flows and Pressure	Water Quality	4/9/2021	433,732	77,126	77,426 Q4 2023	455,000	WR19121516
9590	McMichael PI , Hillside	Replace	680	8	DIP	1930	6	CI	System Flows and Pressure	Water Quality	3/1/2021	223,749	101	36,010 Q4 2023	170,000	WR19121516
9598	Orchard Terr, Hillside	Replace	660	8	DIP	1930	6	CI	System Flows and Pressure	Water Quality	1/26/2021	265,339	152	39,325 Q4 2023	165,000	WR19121516
9589 9604	Locust Ave, Hillside Clark St. Hillside	Replace Replace	660 3800	8	DIP	1930 1920	6	CI	System Flows and Pressure System Flows and Pressure	Water Quality Water Quality	2/22/2021 4/28/2021	206,954 760.654	(148) 649.452	39,195 Q4 2023 200.102 Q4 2023	165,000 950.000	WR19121516 WR19121516
9604 9606	Clark St , Hillside Winans Ave, Hillside	Replace Replace	3800 2800	8	DIP	1920 1920	6	CI	System Flows and Pressure System Flows and Pressure	Water Quality Water Quality	4/28/2021 4/16/2021	760,654 893,730	649,452 454 324	200,102 Q4 2023 150 175 Q4 2023	950,000 722 500	WR19121516 WR19121516
	Millard Ave . Hillside	Replace	460	8	DIP	1930	6	CI	System Flows and Pressure	Water Quality Water Quality	4/14/2021	239.153	(9.337)	62.490 Q4 2023	130.000	WR19121516 WR19121516
9594																
9594 9596	Maple Avenue, Hillside	Replace	2700	12	DIP	1930	6	CI	System Flows and Pressure	Water Quality	4/16/2021	973,032	334,317	377,760 Q4 2023	810,000	WR19121516

New Jersey - American Water Company, Inc. 4th Foundational Filing - WR20030256 DSIC Recovery Surcharge Filing #2 - November 2021

USIL NECOVERY SUrcharge Filing #2 - November AV21

FF= Foundational Filing.

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															FF	
			Actual Length	Actual Dia.	Actual. Pipe		Existing Dia.	Existing Pipe		Secondary Asset Investment		DSIC#1 Actual		Paving FF Comparison	Comparison	
Project ID	Project Title	Project Type	(feet)	(inches)	Material	Decade Installed	(inches)	Material	Accelerated Investment Category	Category	In Service	Cost	DSIC#2 Actual Cost	Included Date	Cost	FF Approval
9512	Cornell Place, Union	Replace	675	8	DIP	1930	6	CI	System Flows and Pressure	Water Quality	2/25/2021	152,630	604	- Q4 2021	141,900	WR19121516
10024	Faitoute Ave Phase 1, Roselle Park Borough	Replace	1300	12	DIP	1920	10	CI	System Flows and Pressure	Water Quality	10/30/2021		328,742	60,486 Q4 2022	400,000	WR20030256
9329	Amsterdam Ave, Roselle Park Borough	Replace	960	8	DIP	1920	6	CI	System Flows and Pressure	Water Quality	8/27/2021		270,337	32,775 Q4 2021	154,370	WR20030256
10026	W Colfax Ave (1), Roselle Park Borough	Replace	1500	12	DIP	1940	10	CI	System Flows and Pressure	Water Quality	10/19/2021		484,568	73,584 Q4 2022	480,000	WR20030256
10027	W Cofax Avenue (2), Roselle Park Borough	Replace	1300	12	DIP	1930	10	CI	System Flows and Pressure	Water Quality	10/1/2021		693,353	74,575 Q4 2022	4,980,000	WR20030256
7030	W Colfax Ave (3), Roselle Park Boro	Replace	2900	8 AND 12	DIP	1930	6	CI	System Flows and Pressure	Water Quality	8/16/2021		1,719,268	130,050 Q4 2022	543,800	WR15060724
10025	Faitoute Ave Phase 2, Roselle Park Borough	Replace	1350	12	DIP	1920	10	CI	System Flows and Pressure	Water Quality	10/25/2021		361,537	64,062 Q4 2022	340,000	WR20030256
10021	Roosevelt St, Roselle Park Borough	Replace	550	8	DIP	1920	6	CI	System Flows and Pressure	Water Quality	10/15/2021		154,196	21,010 Q4 2022	150,000	WR20030256
											Total Main Spend	\$75,950,499	\$57,050,378			

Schedule C

Valve & Hydrant Replacements							
Project	District	UPIS	# Valves	# Hydrants			
R18-01F2	Large Valves	\$870,285	6	-			
R18-12F1	Atlantic / Cape May	615,787	34	45			
R18-13F1	Burlington / Camden	780,588	41	32			
R18-15F1	Essex / Passiac	2,184,747	7	34			
R18-17F1	Hunterdon / Warren	149,723	-	1			
R18-18F1	Monmouth	1,004,185	11	47			
R18-19F1	Ocean / Middlesex	71,495	-	5			
R18-25F1	Somerset/ Mercer	537,451	24	18			
R18-26F1	Union	1,437,562	12	67			
	Total Valve & Hydrants Replacements	\$7,651,825	135	249			

Service Replacements						
Project	District	UPIS	# Services			
118-260120	Central (Hillside) LSL Replacements - Ph 1	\$4,562,593	700			
R18-12H1	Atlantic / Cape May	490,362	306			
R18-13H1	Burlington / Camden	453,524	203			
R18-15H1	Essex / Passiac	3,705,221	335			
R18-17H1	Hunterdon / Warren	254,240	49			
R18-18H1	Monmouth	1,399,099	1,140			
R18-19H1	Ocean / Middlesex	358,558	21			
R18-25H1	Somerset/ Mercer	608,472	31			
R18-26H1	Union	5,658,068	247			
R18-33H1	Shorelands	432	48			
	Total Service Replacements	\$17,490,569	3,080			

Unscheduled Main Replacements						
Project	District	UPIS	Feet of Main			
R18-12C1	Atlantic / Cape May	354,679	1,407			
R18-13C1	Burlington / Camden	374,948	665			
R18-15C1	Essex / Passiac	5,315,679	11,405			
R18-17C1	Hunterdon / Warren	957,898	4,380			
R18-18C1	Monmouth	2,317,693	4,209			
R18-19C1	Ocean / Middlesex	262,254	928			
R18-25C1	Somerset/ Mercer	2,681,401	6,300			
R18-26C1	Union	7,452,712	13,390			
	Total Unscheduled Main Replacements	\$19,717,264	42,684			

"Base" Utility Plant in Service						
Project / ID #	District	UPIS				
R18-12A1	Atlantic / Cape May	\$561,778				
R18-15A1	Essex / Passiac	5,518,575				
R18-18A1	Monmouth	730,599				
R18-19A1	Ocean / Middlesex	1,989,711				
R18-25A1	Somerset/ Mercer	698,522				
R18-26A1	Union	3,550,212				
118-190047	Lakewood MUA Interconnection	155,521				
118-180067	Glendola RW Main	4,199,284				
118-190046	Howell-to-Lakewood Trans Ph 2	23,284,202				
R18-19B1.20-P-0049	Bay Head - Woodlawn & Grove	26,573				
10659	Toby Drive, Roxbury Ph1	527,484				
	Subtotal Base UPIS Spend	\$41,242,460				
	Less: Filing #1 Base Spend	(18,331,883)				
	Total Filing #2 Base Spend	22,910,577				

PUBLIC VERSION

New Jersey-American Water Company, Inc. 4th Foundational Filing - WR2003025 Distribution System Improvement Charge (DSIC) Earnings Test - 12 Months Ended 10/31/2021

Schedule E



Operating Income Before Income Taxes Above Less Interest Expense:

Rate Base @ 10/31/2021 Add DSIC Additions* Adjusted Rate Base

Times Weighted Cost of Debt @ 7/31/2021 Interest Expense (CxD)

Taxable Income Times Income Tax Rate Federal Income Tax



