

**MIDDLESEX WATER COMPANY
PURCHASED WATER ADJUSTMENT CLAUSE
PROPOSED COST PER UNIT OF VOLUME
BPU DOCKET NO. WR2410XXXX**

PURCHASED WATER COSTS PURSUANT TO BPU DOCKET NO. WR23050292		\$ 7,145,545
NEW COST OF PURCHASED WATER (EXHIBIT E, PAGE 2 OF 3)		7,448,785
INCREASE IN BASE PURCHASED WATER COST		<u>\$ 303,240.00</u>
RATE PROCEEDINGS COSTS (EXHIBIT G)		\$ 27,918
INCREMENTAL PURCHASED WATER COSTS (EXHIBIT E, PAGE 3 OF 3)		\$ 153,007
REVENUE TAX FACTOR @ (EXHIBIT I)	14.0871%	\$ 79,389
SUM OF ALLOWABLE EXPENSES		<u><u>\$ 563,554</u></u>
BASE CONSUMPTION - MILLION GALLONS (MG)		
		<u>MG</u>
BASE CONSUMPTION PURSUANT TO BPU DOCKET NO. WR23050292		12,347.1
LESS: EAST BRUNSWICK PURSUANT TO BPU DOCKET NO. WR23050292		(2,647.4)
BASE CONSUMPTION FOR RECOVERY OF PWAC		<u><u>9,699.8</u></u>
CURRENT PWAC RATE PER TCF (RATE SCHEDULE NO. 1, SHEET NO. 33A)		\$0.0000
CURRENT PWAC RATE PER MG (RATE SCHEDULE NO. 5, SHEET NO. 40A)		\$0.0000
PROPOSED PWAC RATE PER TCF (RATE SCHEDULE NO. 1, SHEET NO. 33A)		\$0.5557
PROPOSED PWAC RATE PER MG (RATE SCHEDULE NO. 5, SHEET NO. 40A)		\$21.7500

MIDDLESEX WATER COMPANY
PURCHASED WATER ADJUSTMENT CLAUSE
BPU DOCKET NO. WR2410XXXX

**SCHEDULE OF BASE COSTS OF PURCHASED WATER
PER MWC BPU DOCKET NO. WR23050292**

<u>PURVEYOR</u>	<u>RATE PER MG</u>	<u>RATE PER MONTH</u>	<u>MINIMUM TAKE OR PAY AMOUNTS (MG)</u>	<u>COST</u>
<u>NEW JERSEY AMERICAN WATER</u>				
BASE RATE TARIFF SCHEDULE G (BPU DOCKET NO. 22010019)	\$2,699.20		1,095.0	\$2,955,624
PWAC RATE SCHEDULE O-1 (BPU DOCKET NO. WR22110693)	\$473.10			\$518,045
TOTAL NEW JERSEY AMERICAN WATER COST PER MG	\$3,172.30			
BASELINE ADDITIONAL WATER PURCHASES	\$3,172.30		23.5	\$74,549
LSLRC FIXED CHARGE PER MONTH (BPU DOCKET NO. WR22010017)		\$21.05		\$252.60
TOTAL NEW JERSEY AMERICAN WATER				\$3,548,470
<u>NEW JERSEY WATER SUPPLY AUTHORITY</u>				
BASE RATE - TIER 1 (27 MGD)	\$365.00		9,855.0	\$3,597,075
BASE RATE - TIER 2 (Purchases Above Base Contract)	\$438.00			\$0
TOTAL NEW JERSEY WATER SUPPLY AUTHORITY				\$3,597,075
			10,973.5	\$7,145,545

SCHEDULE OF PROJECTED REVISED PURCHASED WATER COSTS

<u>PURVEYOR</u>	<u>RATE PER MG</u>		<u>MINIMUM TAKE OR PAY AMOUNTS (MG)</u>	<u>COST</u>
<u>NEW JERSEY AMERICAN WATER</u>				
BASE RATE TARIFF SCHEDULE G (BPU DOCKET WR24010056)	\$2,986.60		1,095.0	\$3,270,327
PWAC RATE SCHEDULE O-1 (BPU DOCKET NO. WR23110791)	\$456.80			\$500,196
TOTAL NEW JERSEY AMERICAN WATER COST PER MG	\$3,443.40			
BASELINE ADDITIONAL WATER PURCHASES	\$3,443.40		23.5	\$80,920
LSLRC FIXED CHARGE PER MONTH (BPU DOCKET NO. WR22010017) (Fixed Service Charge Effective 7/1/2024)		\$21.24		\$254.88
SPECIAL PROGRAM CHARGE (BPU DOCKET NO. WR23050275) (Fixed Service Charge Effective 6/1/2024)		\$0.99		\$11.88
TOTAL NEW JERSEY AMERICAN WATER				\$3,851,710
<u>NEW JERSEY WATER SUPPLY AUTHORITY</u>				
BASE RATE - TIER 1 (27 MGD)	\$365.00		9,855.0	\$3,597,075
BASE RATE - TIER 2 (Purchases Above Base Contract)	\$438.00			\$0
TOTAL NEW JERSEY WATER SUPPLY AUTHORITY				\$3,597,075
			10,973.5	\$7,448,785

**MIDDLESEX WATER COMPANY
PURCHASED WATER ADJUSTMENT CLAUSE
BPU DOCKET NO. WR2410XXXX**

Incremental Purchased Water Costs (Contract Requirement)

	Base Rate	Take/Pay Volume (MGD)	Days in Period	Total Cost
NJAWC - 9/15/24 thru 4/1/25 ¹				
Base Rate (Effective 9/15/24)	\$ 2,986.60	3.0	198	\$ 1,774,040
Base Rate (In MWC Rates Effective 1/1/24)	<u>\$ 2,699.20</u>	3.0	198	<u>\$ 1,603,325</u>
Change	\$ 287.40			\$ 170,715
	PWAC Rate	Take/Pay Volume (MGD)	Days in Period	Total Cost
NJAWC - 4/1/24 thru 4/1/25 ¹				
PWAC Rate (Effective 4/1/24)	\$ 456.80	3.0	365	\$ 500,196
PWAC Rate (In MWC Rates Effective 1/1/24)	<u>\$ 473.10</u>	3.0	365	<u>\$ 518,045</u>
Change	\$ (16.30)			\$ (17,849)
	Fixed Charge per Month	Months in Period	Total Cost	
NJAWC - 7/1/24 thru 4/1/25 ¹				
LSLRC (Effective 7/1/24)	\$ 254.88	9	\$ 2,328	
LSLRC (In MWC Rates Effective 1/1/24)	<u>\$ 252.60</u>	9	<u>\$ 2,307</u>	
Change	\$ 2.28		\$ 21	
	Fixed Charge per Month	Months in Period	Total Cost	
NJAWC - 6/1/24 thru 4/1/25 ¹				
Special Program Charge (Effective 6/1/2024)	\$ 11.88	10	\$ 120	
Special Program Charge (In MWC Rates Effective 1/1/24)	<u>\$ -</u>	10	<u>\$ -</u>	
Change	\$ 11.88		\$ 120	
Total Deferred Purchased Water Costs			<u>\$ 153,007</u>	

¹ Assumes MWC PWAC rate effective date of 4/1/25.

MIDDLESEX WATER COMPANY
Sheet No. 33A

~~Eighteenth~~~~Seventeenth~~ Revised

B.P.U. No. 1 - WATER
No. 33A

Cancelling
~~Seventeenth~~~~sixteenth~~ Revised Sheet

RATE SCHEDULE NO. 1 (Continued)

GENERAL WATER SERVICE – GS

PURCHASED WATER ADJUSTMENT CLAUSE (PWAC) CHARGES

A charge of \$ 0.~~55570000~~ per thousand cubic feet will be made to recover the increased purchased water costs.

Date of Issue: ~~October~~~~March~~ 15, 2024~~2~~

Effective for service
Rendered on and after:

Issued by: ~~Nadine Leslie~~~~Dennis W. Doll~~, President
485C Route 1 South
Suite 400
Iselin, New Jersey 08830-0452

October 9, 2023

Filed pursuant to an Order of the Board of Public Utilities, State of New Jersey, dated August 16, 2023, in Docket No. WR24102030138_____.

MIDDLESEX WATER COMPANY
Sheet No. 40A

~~Eighteenth~~~~Seventeenth~~ Revised

B.P.U. No. 1 - WATER
No. 40A

Cancelling
~~Seventeenth~~~~sixteenth~~ Revised Sheet

RATE SCHEDULE NO. 5

SERVICE UNDER CONTRACT - SC

PURCHASED WATER ADJUSTMENT CLAUSE (PWAC) CHARGES

A charge of \$~~210.7500~~ per million gallons will be made to recover the increased purchased water costs.

Date of Issue: ~~October~~~~March~~ 15, 202~~42~~

Effective for service
Rendered on and after:

Issued by: ~~Nadine Leslie~~~~Dennis W. Doll~~, President
485C Route 1 South
Suite 400
Iselin, New Jersey 08830-0452

October 9, 2023

Filed pursuant to an Order of the Board of Public Utilities, State of New Jersey dated August 16,
202~~53~~, in Docket No. WR2~~410~~ 2030138.

**MIDDLESEX WATER COMPANY
PURCHASED WATER ADJUSTMENT CLAUSE
BPU DOCKET NO. WR2410XXXX**

			<u>PROPOSED RATES</u>	
			<u>PWAC RATE</u>	<u>REVENUE</u>
RESIDENTIAL	USAGE (CCF)	476,023,598	0.0005557	264,526
COMMERCIAL	USAGE (CCF)	257,381,992	0.0005557	143,027
INDUSTRIAL	USAGE (CCF)	139,923,203	0.0005557	77,755
SUBTOTAL				<u>485,309</u>
PRIVATE FIRE	USAGE (CCF)	12,923,447	0.0005557	7,182
PUBLIC FIRE	USAGE (CCF)		0.0005557	
SUBTOTAL				<u>7,182</u>
SUB-TOTAL				<u>492,490</u>
EAST BRUNSWICK	USAGE (MG)	2,647.359	N/A	0
EDISON / HIGHLAND PARK	USAGE (MG)	979.505	21.75	21,304
RAHWAY	USAGE (MG)	194.802	21.75	4,237
OLD BRIDGE MUA	USAGE (MG)	998.539	21.75	21,718
MARLBORO	USAGE (MG)	1,092.568	21.75	23,763
SUBTOTAL				<u>71,023</u>
ROUNDING				41
TOTAL PWAC REVENUE				<u><u>563,554</u></u>

MIDDLESEX WATER COMPANY
PURCHASED WATER ADJUSTMENT CLAUSE
BPU DOCKET NO. WR2410XXXX

			PRESENT RATES (BPU DOCKET NO. WR23050292)			REVENUE WITH PROPOSED PWAC RATES				
RESIDENTIAL	MONTHLY BILLS	QTRLY BILLS	MONTHLY RATE	QTRLY RATE	REVENUE	MONTHLY RATE	QTRLY RATE	REVENUE		
5/8"		182,472		\$ 70.29	\$ 12,825,957		\$ 70.29	\$ 12,825,957	0.00%	\$ -
3/4"		31,364		105.51	3,309,216		105.51	3,309,216	0.00%	\$ -
1"		5,264		175.80	925,411		175.80	925,411	0.00%	\$ -
1 1/2"		452		351.54	158,896		351.54	158,896	0.00%	\$ -
2"		180		562.50	101,250		562.50	101,250	0.00%	\$ -
					17,320,730			17,320,730	0.00%	\$ -
USAGE (CCF)		476,023,598	Base Rate	0.0771066	36,704,561	Base Rate	0.0771066	36,704,561	0.00%	\$ -
			PWAC Rate	-	0	PWAC Rate	0.0005557	264,526	0.00%	\$ -
					<u>\$ 54,025,291</u>			<u>\$ 54,289,617</u>	0.49%	\$ 264,526
COMMERCIAL	MONTHLY BILLS	QTRLY BILLS	MONTHLY RATE	QTRLY RATE	REVENUE	MONTHLY RATE	QTRLY RATE	REVENUE		
5/8"	12,192		\$ 23.43		\$ 285,659	\$ 23.43		\$ 285,659	0.00%	\$ -
3/4"	4,716		35.17		165,862	35.17		165,862	0.00%	\$ -
1"	6,144		58.60		360,038	58.60		360,038	0.00%	\$ -
1 1/2"	4,812		117.18		563,870	117.18		563,870	0.00%	\$ -
2"	12,168		187.50		2,281,500	187.50		2,281,500	0.00%	\$ -
3"	2,808		351.55		987,152	351.55		987,152	0.00%	\$ -
4"	744		585.92		435,924	585.92		435,924	0.00%	\$ -
6"	96		1,171.82		112,495	1,171.82		112,495	0.00%	\$ -
8"	156		1,874.90		292,484	1,874.90		292,484	0.00%	\$ -
10"	48		2,695.16		129,368	2,695.16		129,368	0.00%	\$ -
12"	12		5,038.75		60,465	5,038.75		60,465	0.00%	\$ -
					5,674,818			5,674,818	0.00%	\$ -
USAGE (CCF)		257,381,992	Base Rate	0.0771066	19,845,850	Base Rate	0.0771066	19,845,850	0.00%	\$ -
			PWAC Rate	-	0	PWAC Rate	0.0005557	143,027	0.00%	\$ -
					<u>\$ 25,520,668</u>			<u>\$ 25,663,695</u>	0.56%	\$ 143,027
INDUSTRIAL	MONTHLY BILLS	QTRLY BILLS	MONTHLY RATE	QTRLY RATE	REVENUE	MONTHLY RATE	QTRLY RATE	REVENUE		
5/8"	0		\$ 23.43		\$ -	\$ 23.43		\$ -		\$ -
3/4"	24		35.17		844	35.17		844	0.00%	\$ -
1"	96		58.60		5,626	58.60		5,626	0.00%	\$ -
1 1/2"	240		117.18		28,123	117.18		28,123	0.00%	\$ -
2"	456		187.50		85,500	187.50		85,500	0.00%	\$ -
3"	456		351.55		160,307	351.55		160,307	0.00%	\$ -
4"	960		585.92		562,483	585.92		562,483	0.00%	\$ -
6"	624		1,171.82		731,216	1,171.82		731,216	0.00%	\$ -
8"	204		1,874.90		382,480	1,874.90		382,480	0.00%	\$ -
10"	96		2,695.16		258,735	2,695.16		258,735	0.00%	\$ -
					2,215,314			2,215,314	0.00%	\$ -
USAGE (CCF)		139,923,203	Base Rate	0.0771066	10,789,002	Base Rate	0.0771066	10,789,002	0.00%	\$ -
			PWAC Rate	-	0	PWAC Rate	0.0005557	77,755	0.00%	\$ -
					<u>\$ 13,004,316</u>			<u>\$ 13,082,071</u>	0.60%	\$ 77,755
GENERAL METERED SERVICE REVENUE					<u>\$ 92,550,275</u>					
								<u>\$ 93,035,584</u>	0.52%	\$ 485,309
PRIVATE FIRE WITH HOSE	MONTHLY BILLS	QTRLY BILLS	MONTHLY RATE	QTRLY RATE	REVENUE	MONTHLY RATE	QTRLY RATE	REVENUE		
1"	0	0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -
2"	12	8	82.13	246.39	2,957	82.13	246.39	2,957	0.00%	\$ -
3"	0	0	180.67	542.01	0	180.67	542.01	0	0.00%	\$ -
4"	120	24	301.61	904.83	57,909	301.61	904.83	57,909	0.00%	\$ -
6"	924	4	617.19	1,851.57	577,690	617.19	1,851.57	577,690	0.00%	\$ -
8"	1,512	0	883.72	2,651.16	1,336,185	883.72	2,651.16	1,336,185	0.00%	\$ -
10"	540	0	1,417.51	4,252.53	765,455	1,417.51	4,252.53	765,455	0.00%	\$ -
					2,740,196			2,740,196	0.00%	\$ -
PRIVATE FIRE WITHOUT HOSE	MONTHLY BILLS	QTRLY BILLS	MONTHLY RATE	QTRLY RATE	REVENUE	MONTHLY RATE	QTRLY RATE	REVENUE		
1"	12	44	\$ 27.40	\$ 82.20	\$ 3,946	\$ 27.40	\$ 82.20	\$ 3,946	0.00%	\$ -
2"	324	92	67.76	203.28	40,656	67.76	203.28	40,656	0.00%	\$ -
3"	396	32	135.67	407.01	66,750	135.67	407.01	66,750	0.00%	\$ -
4"	2,796	168	225.11	675.33	742,863	225.11	675.33	742,863	0.00%	\$ -
6"	2,268	192	457.52	1,372.56	1,301,187	457.52	1,372.56	1,301,187	0.00%	\$ -
8"	1,788	8	654.13	1,962.39	1,185,284	654.13	1,962.39	1,185,284	0.00%	\$ -
10"	144	0	1,047.45	3,142.35	150,833	1,047.45	3,142.35	150,833	0.00%	\$ -
12"	12	0	1,548.05	4,644.15	18,577	1,548.05	4,644.15	18,577	0.00%	\$ -
					3,510,094			3,510,094	0.00%	\$ -
USAGE (CCF)		12,923,447	Base Rate	0.0771066	6,250,290	Base Rate	0.0771066	6,250,290	0.00%	\$ -
			PWAC Rate	-	0	PWAC Rate	0.0005557	7,182	0.00%	\$ -
					<u>\$ 7,246,773</u>			<u>\$ 7,253,954</u>	0.10%	\$ 7,182
PUBLIC FIRE	INCH FEET	HYDRANTS	RATE	HYD. CHG	REVENUE	RATE	HYD. CHG	REVENUE		
	35,217,412	4,775	\$ 0.040560	\$ 936.40	\$ 5,899,728	\$ 0.040560	\$ 936.40	\$ 5,899,728	0.00%	\$ -
USAGE (MG)	BASE RATE	PWAC RATE	TRANSMISSION RATE	REVENUE	BASE RATE	PWAC RATE	TRANSMISSION RATE	REVENUE		
WHOLESALE E. Brunswick	2,647,359	\$ 2,127.61	\$ -	\$ 5,632,548	\$ 2,127.61	\$ -	\$ -	\$ 5,632,548	0.00%	\$ -
WHOLESALE Edison/Hld Pk	979,505	\$ 3,017.88	\$ -	\$ 2,956,029	\$ 3,017.88	\$ 21.75	\$ -	\$ 2,977,333	0.72%	\$ 21,304
WHOLESALE Rahway (A)	194,802	\$ 3,017.88	\$ -	\$ 1,593,86	\$ 3,017.88	\$ 21.75	\$ 1,593.86	\$ 902,613	0.47%	\$ 4,237
WHOLESALE Old Bridge	998,539	\$ 3,017.88	\$ -	\$ 4,497,429	\$ 3,017.88	\$ 21.75	\$ 1,486.13	\$ 4,519,147	0.48%	\$ 21,718
WHOLESALE Marlboro	1,092,568	\$ 3,017.88	\$ -	\$ 3,297,239	\$ 3,017.88	\$ 21.75	\$ -	\$ 3,321,003	0.41%	\$ 23,763
WHOLESALE Marlboro	1,642,500		\$ 1,486.13	\$ 2,440,969			\$ 1,486.13	\$ 2,440,969		
	<u>7,555,274</u>			<u>\$ 19,722,590</u>				<u>\$ 19,793,613</u>	0.36%	\$ 71,023
MISCELLANEOUS ROUNDING				237,331				237,331		\$ -
				(69)				(28)		\$ 41
				<u>\$ 125,656,628</u>				<u>\$ 126,220,182</u>	0.45%	\$ 563,554
Less: WHOLESALE 3 (Rahway) (A)				<u>\$ (898,376) (A)</u>						
REVENUE REQUIREMENT PER BPU DOCKET NO. WR23050292				<u>\$ 124,758,252</u>						

(A) At the time of the Company's most recent base rate matter (BPU Docket No. WR23050292), Rahway was not an active customer. Rahway started purchasing water again in November, 2023.

**MIDDLESEX WATER COMPANY
PURCHASED WATER ADJUSTMENT CLAUSE
RATE PROCEEDINGS COSTS
BPU DOCKET NO. WR2410XXXX**

MWC 2024 PWAC Proceeding Costs

Court Reporter	\$650
Public Hearing Notices	750
Public Hearing Rental Space	150
Misc Supplies	100
Total	<u>\$1,650</u>

50% Sharing	<u>50%</u>	\$825
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NJAWC Base Rate Case Intervention Costs (1)	<u>\$27,093</u>
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Total Costs	<u><u>\$27,918</u></u>
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(1) Costs incurred as an active intervenor in the New Jersey American Water Company (NJAWC) base rate proceeding (BPU Docket No. WR24010056).

**MIDDLESEX WATER COMPANY
PURCHASED WATER ADJUSTMENT CLAUSE
TAX GROSS UP CALCULATION
BPU DOCKET NO. WR2410XXXX**

	Total Tax Rates	@ 7/1/2024 <u>89.952618%</u> Public/Private ROW Adjustment
Franchise - Excise	0.6250%	0.5622%
Franchise	5.0000%	4.4976%
Gross Receipts - Excise	0.9375%	0.9375%
Gross Receipts	7.5000%	7.5000%
Total GRAFT Rate	<u>14.0625%</u>	<u>13.4973%</u>
NJBPU/RC Assessment (A)	0.2631%	0.2631%
Bad Debt	0.3267%	0.3267%
Total		<u>14.0871%</u>

(A)

NJBPU:	0.00217589228476	2024 Assessment Invoice
Rate Counsel:	<u>0.000455380760000</u>	2024 Assessment Invoice
	0.002631273044760	