



2025 FIVE YEAR MOVING AVERAGE STATUSREPORT

December, 2024

MEMBER	Fractional Share of the Contribution ("Percent Share")						5 Year Moving Average	
	MEASURING YEAR (Oct-Sep)						Current Average (2)	Previous Average (3)
	2020	2021	2022	2023	2024	2025 (1)		
Clark	8.02%	7.49%	7.88%	5.65%	5.19%	6.09%	6.46%	6.85%
Cranford	11.08%	11.79%	10.19%	10.24%	12.30%	5.86%	10.07%	11.12%
Garwood	2.22%	2.23%	3.19%	3.71%	2.66%	2.88%	2.93%	2.80%
Kenilworth	3.62%	3.59%	3.62%	3.77%	3.64%	3.92%	3.71%	3.65%
Mountainside	2.44%	2.35%	2.71%	2.66%	2.55%	3.32%	2.72%	2.54%
Rahway	22.27%	21.64%	17.77%	18.31%	19.66%	22.41%	19.96%	19.93%
Roselle Park	2.08%	1.73%	0.87%	1.24%	1.14%	0.98%	1.19%	1.41%
Scotch Plains	4.23%	3.86%	4.01%	4.40%	5.76%	6.25%	4.85%	4.45%
Springfield	9.25%	9.20%	10.34%	10.49%	10.22%	10.79%	10.21%	9.90%
Westfield	14.32%	14.46%	15.74%	14.96%	14.05%	13.75%	14.59%	14.71%
Woodbridge	20.47%	21.66%	23.68%	24.56%	22.83%	23.76%	23.30%	22.64%
	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	99.99%	100.00%

Notes:

- (1) Figures computed based on Flow, BOD and TSS data received as of reporting month.
- (2) Five year moving average consisting of 2021, 2022, 2023, 2024, and month to date for 2025
- (3) Five year moving average consisting of 2020, 2021, 2022, 2023, and 2024



2024 Town Annual Percent Share December, 2024

Member	Average Daily Flow (MGD)		Biochemical Oxygen Demand (Tons/Day)		Total Suspended Solids (Tons/Day)		Annual Percent Share	
	2024	2025	2024	2025	2024	2025	2024	2025
Clark	1.13	1.06	1.13	1.23	1.05	1.20	5.19%	6.09%
Cranford	3.62	1.30	2.04	0.95	2.56	1.14	12.30%	5.86%
Garwood	0.76	0.59	0.45	0.49	0.56	0.58	2.66%	2.88%
Kenilworth	1.03	0.80	0.62	0.67	0.77	0.79	3.64%	3.92%
Mountainside	0.76	0.71	0.42	0.55	0.53	0.66	2.55%	3.32%
Rahway	5.43	4.49	3.40	3.88	4.19	4.56	19.66%	22.41%
Roselle Park	0.32	0.21	0.20	0.17	0.24	0.19	1.14%	0.98%
Scotch Plains	1.68	1.32	0.96	1.05	1.20	1.24	5.76%	6.25%
Springfield	2.92	2.22	1.73	1.84	2.15	2.17	10.22%	10.79%
Westfield	3.77	2.66	2.48	2.44	3.02	2.83	14.05%	13.75%
Woodbridge (1)(2)	6.54	4.84	3.83	4.05	4.83	4.84	22.83%	23.76%
Totals:	27.96	20.19	17.26	17.32	21.10	20.20	100.00%	100.00%

Equations:

Assumptions: 200 gpd flow per unit at 200 mg/L BOD and TSS concentrations

- (a) Flow Adj: [Total Adjusted Dwelling Units] x (0.0002 MGD)
- (b) BOD Adj: [Total Adjusted Dwelling Units] x (0.0002 MGD) x (200 mg/L) x (8.34 lbs/g) / (2000 lbs/ton)
- (c) TSS Adj: [Total Adjusted Dwelling Units] x (0.0002 MGD) x (200 mg/L) x (8.34 lbs/g) / (2000 lbs/ton)

Notes:

- (1) Woodbridge MGD Adjustment includes a 0.50 MGD flow credit, per section 11.5 of the 2021 Agreement
- (2) Woodbridge BOD and TSS Adjustment includes a 833 lbs/day credit, per section 11.5 of the 2021 Agreement



2024 Intermunicipal Adjustments Report

December, 2024

Member	Dwelling Unit Quantity			Average Daily Flow (MGD)			Average BOD (Tons/Day)			Average TSS (Tons/Day)		
	Bill To	Credit To	Total Adjustment	Average Flow	Adjustment (a)	Final Flow	Average BOD	Adjustment (b)	Final BOD	Average TSS	Adjustment (c)	Final TSS
Clark	479	0	479	0.96	0.0958	1.06	1.15	0.0799	1.23	1.12	0.0799	1.20
Cranford	242	1,092	-850	1.47	-0.1700	1.30	1.09	-0.1418	0.95	1.28	-0.1418	1.14
Garwood	54	110	-56	0.61	-0.0112	0.59	0.50	-0.0093	0.49	0.59	-0.0093	0.58
Kenilworth	62	38	24	0.80	0.0048	0.80	0.67	0.0040	0.67	0.79	0.0040	0.79
Mountainside	106	339	-233	0.75	-0.0466	0.71	0.59	-0.0389	0.55	0.70	-0.0389	0.66
Rahway	13	15	-2	4.49	-0.0004	4.49	3.88	-0.0003	3.88	4.56	-0.0003	4.56
Roselle Park	38	117	-79	0.22	-0.0158	0.21	0.18	-0.0132	0.17	0.20	-0.0132	0.19
Scotch Plains	66	413	-347	1.39	-0.0694	1.32	1.11	-0.0579	1.05	1.30	-0.0579	1.24
Springfield	0	187	-187	2.26	-0.0374	2.22	1.87	-0.0312	1.84	2.20	-0.0312	2.17
Westfield	1,425	175	1,250	2.41	0.2500	2.66	2.23	0.2085	2.44	2.62	0.2085	2.83
Woodbridge (1)(2)	10	9	1	5.34	-0.4998	4.84	4.47	-0.4163	4.05	5.26	-0.4163	4.84
Totals:	2,495	2,495	0	20.69	-0.5000	20.19	17.74	-0.4165	17.32	20.62	-0.4165	20.20

Equations:

Assumptions: 200 gpd flow per unit at 200 mg/L BOD and TSS concentrations

- (a) Flow Adj: [Total Adjusted Dwelling Units] x (0.0002 MGD)
- (b) BOD Adj: [Total Adjusted Dwelling Units] x (0.0002 MGD) x (200 mg/L) x (8.34 lbs/g) / (2000 lbs/ton)
- (c) TSS Adj: [Total Adjusted Dwelling Units] x (0.0002 MGD) x (200 mg/L) x (8.34 lbs/g) / (2000 lbs/ton)

Notes:

- (1) Woodbridge MGD Adjustment includes a 0.50 MGD flow credit, per section 11.5 of the 2021 Agreement
- (2) Woodbridge BOD and TSS Adjustment includes a 833 lbs/day credit, per section 11.5 of the 2021 Agreement



Member BOD and TSS Loading Contribution December, 2024

Member	Average Daily Industrial Loading (1)		Average Daily Flow (MGD)	Inter-Mun Adj (2) (MGD)	Adj. Avg. Daily Flow (MGD)	Member Contribution			
	BOD (Tons/Day)	TSS (Tons/Day)				Domestic Loading		Total Loading	
						BOD (Tons/Day)	TSS (Tons/Day)	BOD (Tons/Day)	TSS (Tons/Day)
Clark	0.27	0.08	0.96	0.0958	1.06	0.88	1.04	1.15	1.12
Cranford	0.00	0.00	1.47	-0.1700	1.30	1.09	1.28	1.09	1.28
Garwood	0.00	0.00	0.61	-0.0112	0.59	0.50	0.59	0.50	0.59
Kenilworth	0.00	0.00	0.80	0.0048	0.80	0.67	0.79	0.67	0.79
Mountainside	0.00	0.00	0.75	-0.0466	0.71	0.59	0.70	0.59	0.70
Rahway	0.12	0.14	4.49	-0.0004	4.49	3.76	4.42	3.88	4.56
Roselle Park	0.01	0.00	0.22	-0.0158	0.21	0.17	0.20	0.18	0.20
Scotch Plains	0.00	0.00	1.39	-0.0694	1.32	1.11	1.30	1.11	1.30
Springfield	0.01	0.01	2.26	-0.0374	2.22	1.86	2.19	1.87	2.20
Westfield	0.00	0.00	2.41	0.2500	2.66	2.23	2.62	2.23	2.62
Woodbridge	0.00	0.00	5.34	0.0002	5.34	4.47	5.26	4.47	5.26
Totals:	0.41	0.23	20.69	0.00	20.69	17.34	20.38	17.74	20.62

Notes:

- (1) As measured and reported by the RVSA SIU IPP Industrial Loading
- (2) Does not include the 0.50 MGD Woodbridge Credit



2025 Plant Influent Loading December, 2024

2024			2025									Average T/D
Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	

Plant Influent Flow and Sample Data

Avg. Daily Flow (MGD) (1)	18.62	20.02	23.4										20.68
Avg. BOD (mg/L) (2)	199	236	185										207
Avg. TSS (mg/L) (2)	234	293	197										242

Total Influent Loading (a)(b)

BOD (Tons/Day)	15.45	19.70	18.05										17.74
TSS (Tons/Day)	18.17	24.46	19.22										20.62

Total Industrial Contribution (3)

IPP BOD (Tons/Day)	0.40
IPP TSS (Tons/Day)	0.24

Total Domestic Influent Loading

BOD (Tons/Day)	17.34
TSS (Tons/Day)	20.38

Equations:

- (a) $BOD \text{ Loading (Tons/Day)} = \text{Average Daily Flow (MGD)} \times \text{Avg BOD (mg/L)} \times (8.34 \text{ lbs/gal}) / (2000 \text{ lbs/ton})$
- (b) $TSS \text{ Loading (Tons/Day)} = \text{Average Daily Flow (MGD)} \times \text{Avg TSS (mg/L)} \times (8.34 \text{ lbs/gal}) / (2000 \text{ lbs/ton})$

Notes:

- (1) Average Daily Flow = RV12 + RV14 + RV31
- (2) BOD and TSS Concentrations measured at the RVSA Raw Influent Sampler as reported to the NJDEP
- (3) As measured and reported by the RVSA SIU IPP Industrial Loading



2025 Average Daily Flow Report December, 2024

Meter #	2024			2025									Average To Date
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
RV01	2.12	2.16	2.49										2.26
RV02	3.11	3.33	3.64										3.36
RV03	1.32	1.33	1.54										1.40
RV04	0.17	0.18	0.19										0.18
RV05	0.22	0.22	0.26										0.23
RV06	0.35	0.37	0.41										0.38
RV07	0.45	0.43	0.46										0.45
RV09	2.68	2.94	3.39										3.01
RV10	5.96	6.04	7.23										6.41
RV11	9.14	9.51	11.27										9.97
RV12	4.32	4.62	5.21										4.72
RV13	0.48	0.42	0.55										0.48
RV14	14.29	15.40	18.16										15.95
RV15	0.50	0.54	0.81										0.62
RV16A	18.71	20.14	23.53										20.79
RV17	0.33	0.39	0.47										0.40
RV18	0.70	0.75	0.79										0.74
RV19	0.61	0.66	0.67										0.64
RV20	0.66	0.73	0.87										0.75
RV27	0.00	0.00	0.00										0.00
RV28	0.00	0.00	0.00										0.00
RV29	0.83	0.78	0.94										0.85
RV30	0.17	0.17	0.18										0.18
RV31	0.01	0.01	0.02										0.01
RV32	4.76	4.73	5.32										4.94



2025 Average Industrial TSS Loading Report

December, 2024

Town	SIU Name	Average Daily TSS Loading (Tons/Day)											Average T/D	
		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug		Sep
Clark	Kerry 1	0.001	0.001											0.0010
	Kerry 2	0.006	0.008											0.0070
	Kerry 3	0.034	0.026											0.0300
	Kerry 4	0.022	0.058											0.0400
Clark Total:													0.078	
Kenilworth	B&M Finishers	0.000	0.000											0.0000
	Kenilworth Anodizing	0.000	0.000											0.0000
Kenilworth Total:													0.000	
Mountainside	American Aluminum	0.000	0.001											0.0005
Mountainside Total:													0.001	
Rahway	Clean Haven													0.0000
	Guest Packaging 02	0.001	0.003											0.0020
	Guest Packaging 03	0.008	0.002											0.0050
	Merck 007	0.043	0.003											0.0230
	Merck 012	0.103	0.071											0.0870
	Quala Systems	0.009	0.009											0.0090
	Veolia Water Rahway	0.020	0.003											0.0115
Rahway Total:													0.138	
Roselle Park	Crossfield Products	0.002												0.0020
	Kenilworth Corporate Prop	0.003	0.002											0.0025
Roselle Park Total:													0.005	
Springfield	Valcor Engineering	0.010	0.018											0.0140
Springfield Total:													0.014	
Woodbridge	BASF 1	0.001	0.001											0.0010
	BASF 2	0.002	0.003											0.0025
	Gentek Building Products	0.000	0.000											0.0000
Woodbridge Total:													0.004	

Note: Municipalities without Significant Industrial Users ("SIU") are excluded from this report.



2025 Average Industrial BOD Loading Report

December, 2024

Town	SIU Name	Average Daily BOD Loading (Tons/Day)											Average T/D	
		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug		Sep
Clark	Kerry 1	0.001	0.001											0.0010
	Kerry 2	0.021	0.043											0.0320
	Kerry 3	0.175	0.134											0.1545
	Kerry 4	0.045	0.119											0.0820
Clark Total:													0.270	
Kenilworth	B&M Finishers	0.000	0.000											0.0000
	Kenilworth Anodizing	0.000	0.000											0.0000
Kenilworth Total:													0.000	
Mountainside	American Aluminum	0.000	0.000											0.0000
Mountainside Total:													0.000	
Rahway	Clean Haven													0.0000
	Guest Packaging 02	0.018	0.037											0.0275
	Guest Packaging 03	0.007	0.013											0.0100
	Merck 007	0.013	0.005											0.0090
	Merck 012	0.067	0.019											0.0430
	Quala Systems	0.025	0.020											0.0225
	Veolia Water Rahway	0.005	0.002											0.0035
Rahway Total:													0.116	
Roselle Park	Crossfield Products	0.000												0.0000
	Kenilworth Corporate Prop	0.011	0.002											0.0065
Roselle Park Total:													0.007	
Springfield	Valcor Engineering	0.006	0.010											0.0080
Springfield Total:													0.008	
Woodbridge	BASF 1	0.001	0.001											0.0010
	BASF 2	0.002	0.002											0.0020
	Gentek Building Products	0.000	0.000											0.0000
Woodbridge Total:													0.003	

Note: Municipalities without Significant Industrial Users ("SIU") are excluded from this report.