Tuesday, May 13, 2025

Re: Flow Rights Utilization Report - April 2025

Attached for your use please find Flow Rights Utilization Report for April 2025. The results are summarized below by town. The last column indicates each Municipality's total excess usage in millions of gallons above its Flow Right for the 2025 measuring year.

Measuring Year to Date includes the period from 10/1/2024 through 04/30/2025

Member	Flow Rights (MGD)	Flow Rate (MGD)				No. of Days above Limit (3)				Excess Usage for 2025 Measuring Year (Millions of Gallons)		
		Current Month		Year to Date		Current Month	Year to Date	Days Waived	Total For 2025	Total To Date	Waived Usage (3)(4)	Final Usage To Date
		Avg	Max	Avg	Max							
Clark	4.95	1.23	5.75	1.04	5.75	1	1	0	0	0.01663	0	0
Cranford	9.19	3.50	7.25	2.22	9.44	0	1	0	0	0.00256	0	0
Garwood	3.69	0.74	1.66	0.59	2.32	0	0	0	0	0.00000	0	0
Kenilworth	2.75	0.91	2.10	0.79	2.41	0	0	0	0	0.00000	0	0
Mountainside	3.15	0.82	1.42	0.79	2.01	0	0	0	0	0.00000	0	0
Rahway	17.26	5.79	13.00	5.07	19.30	0	1	0	0	0.10866	0	0
Roselle Park	1.94	0.44	1.49	0.31	1.53	0	0	0	0	0.00000	0	0
Scotch Plains	4.73	1.50	2.47	1.44	3.14	0	0	0	0	0.00000	0	0
Springfield	4.39	2.80	4.07	2.46	5.08	0	3	0	0	0.12870	0	0
Westfield	10.94	3.40	8.45	2.77	10.24	0	0	0	0	0.00000	0	0
Woodbridge	3.49	1.24	4.56	0.84	5.74	1	4	0	0	0.80233	0	0

Notes:
(1) All meters are recorded every 15 minutes.
(2) All flow rates are calculated for each 15-minute interval utilizing the estimated time of travel as per Resolution #20-33.
(3) Per Resolution #24-09, Peak Flow Right Exceedances on days where six (6) or more Members exceed their Peak Flow Rights shall be waived.

FLOW RIGHTS UTILIZATION REPORT

Month/Year: April 2025
MEMBER: Clark
FORMULA: METER NO. RV11 + RV17 - RV09 - RV10

FLOW RIGHTS AVAILABLE (mgd): 4.95
No. OF DAYS WITH EXCEEDANCE: 1
MAX. FLOW: 5.75 AVG. FLOW 2.99

Day of Month	Rainfall (in)	Time of Day at Max Flow	METERED FLOW RATE (mgd) AT PEAK UTILIZATION								Peak Flow Rights Utilization (mgd)	STATUS	Duration of Exceedance (Hr:Min)	Volume of Exceedance (Million Gallons)
			OUTFLOW METERS				INFLOW METERS							
			RV11	RV17			RV09 (-30 min)	RV10 (-30 min)						
4/01	0.18	21:45	19.81	0.62			5.49	11.80			3.14	OK	0	0
4/02	0	19:00	15.85	0.59			3.47	9.83			3.13	OK	0	0
4/03	0.06	17:30	15.21	0.64			3.56	9.39			2.90	OK	0	0
4/04	0.14	20:45	16.11	0.58			3.93	9.47			3.29	OK	0	0
4/05	0.05	12:15	16.10	0.57			4.79	9.40			2.48	OK	0	0
4/06	0.41	10:45	17.21	0.66			4.84	9.43			3.62	OK	0	0
4/07	0.21	23:15	17.35	0.51			4.44	11.03			2.39	OK	0	0
4/08	0	18:00	15.64	0.59			3.74	9.45			3.05	OK	0	0
4/09	0	11:45	16.46	0.55			4.24	10.18			2.58	OK	0	0
4/10	0	18:45	14.63	0.57			3.78	8.81			2.61	OK	0	0
4/11	0.56	11:45	16.30	0.52			4.06	9.33			3.44	OK	0	0
4/12	0.78	10:30	26.29	0.94			6.94	14.55			5.75	Exceedance	0:45	0.01663
4/13	0.02	01:15	22.75	0.62			5.67	13.58			4.12	OK	0	0
4/14	0	19:30	18.86	0.61			4.44	11.48			3.55	OK	0	0
4/15	0.02	21:15	17.45	0.65			5.03	9.81			3.25	OK	0	0
4/16	0	12:00	17.09	0.56			4.60	9.77			3.28	OK	0	0
4/17	0	12:30	16.54	0.58			4.10	10.58			2.43	OK	0	0
4/18	0	16:15	15.89	0.53			3.78	9.68			2.95	OK	0	0
4/19	0	17:45	15.74	0.57			3.57	8.96			3.78	OK	0	0
4/20	0	12:15	17.07	0.65			4.46	10.52			2.75	OK	0	0
4/21	0	18:45	14.61	0.59			3.02	8.95			3.23	OK	0	0
4/22	0	22:30	16.32	0.53			4.06	10.58			2.20	OK	0	0
4/23	0	20:00	13.73	0.53			3.55	8.44			2.27	OK	0	0
4/24	0	14:45	13.51	0.44			3.05	8.58			2.33	OK	0	0
4/25	0	17:45	13.56	0.54			3.48	8.21			2.41	OK	0	0
4/26	0.3	20:45	17.06	0.57			3.46	10.46			3.71	OK	0	0
4/27	0	23:45	15.16	0.57			4.16	9.01			2.55	OK	0	0
4/28	0	23:00	15.60	0.53			4.16	9.68			2.29	OK	0	0
4/29	0	20:00	13.63	0.54			3.30	8.90			1.97	OK	0	0
4/30	0	12:30	13.96	0.49			3.78	8.48			2.20	OK	0	0
TOTAL	2.73												Total 0:45	0.01663
	AVERAGE PEAK FLOW		16.52	0.58	0.00	0.00	4.17	9.94	0.00	0.00				

FLOW RIGHTS UTILIZATION REPORT

Month/Year: April 2025
MEMBER: Cranford
FORMULA: METER NO. RV10 + RV13 + RV30 - RV02 - RV03 - RV29

FLOW RIGHTS AVAILABLE (mgd): 9.19
No. OF DAYS WITH EXCEEDANCE: 0
MAX. FLOW: 7.25 AVG. FLOW 4.91

Day of Month	Rainfall (in)	Time of Day at Max Flow	METERED FLOW RATE (mgd) AT PEAK UTILIZATION								Peak Flow Rights Utilization (mgd)	STATUS	Duration of Exceedance (Hr:Min)	Volume of Exceedance (Million Gallons)
			OUTFLOW METERS				INFLOW METERS							
			RV10	RV13	RV30 (-90 min)		RV02 (-90 min)	RV03 (-60 min)	RV29 (-75 min)					
4/01	0.18	01:45	13.27	1.06	0.25		4.52	2.49	1.20		6.38	OK	0	0
4/02	0	08:45	10.06	0.84	0.28		3.26	1.94	1.13		4.84	OK	0	0
4/03	0.06	13:30	10.99	0.87	0.27		4.13	1.92	1.40		4.68	OK	0	0
4/04	0.14	09:00	10.04	0.91	0.26		3.44	1.96	1.18		4.64	OK	0	0
4/05	0.05	17:15	11.51	0.85	0.24		4.51	1.98	1.71		4.40	OK	0	0
4/06	0.41	11:45	13.31	1.01	0.30		4.99	2.39	1.30		5.94	OK	0	0
4/07	0.21	12:30	13.14	1.02	0.30		4.70	2.32	1.93		5.51	OK	0	0
4/08	0	08:00	10.13	0.85	0.24		3.38	1.75	1.05		5.04	OK	0	0
4/09	0	19:30	10.66	0.83	0.26		4.33	1.72	1.04		4.65	OK	0	0
4/10	0	11:45	11.85	0.80	0.25		4.35	1.80	1.93		4.82	OK	0	0
4/11	0.56	23:00	11.22	0.86	0.26		4.52	2.09	1.08		4.66	OK	0	0
4/12	0.78	10:30	15.75	1.31	0.35		5.42	3.02	1.73		7.25	OK	0	0
4/13	0.02	13:45	15.28	1.11	0.33		5.38	2.78	1.72		6.84	OK	0	0
4/14	0	21:15	12.54	0.93	0.30		4.39	2.33	1.32		5.72	OK	0	0
4/15	0.02	10:00	11.12	0.95	0.29		3.73	2.16	1.26		5.21	OK	0	0
4/16	0	14:15	10.72	0.91	0.24		3.96	1.93	1.10		4.87	OK	0	0
4/17	0	09:00	9.42	0.83	0.22		3.07	1.60	1.02		4.79	OK	0	0
4/18	0	21:45	10.97	0.77	0.22		3.98	1.89	1.48		4.61	OK	0	0
4/19	0	10:45	9.69	0.84	0.27		3.29	1.82	1.19		4.50	OK	0	0
4/20	0	11:30	10.15	0.82	0.25		3.81	1.94	1.08		4.40	OK	0	0
4/21	0	10:15	9.71	0.77	0.27		3.32	1.82	0.98		4.63	OK	0	0
4/22	0	21:30	10.21	0.80	0.25		3.78	1.83	0.95		4.70	OK	0	0
4/23	0	10:00	9.50	0.74	0.25		3.30	1.79	0.89		4.51	OK	0	0
4/24	0	10:45	9.78	0.73	0.26		3.88	1.71	1.01		4.17	OK	0	0
4/25	0	10:15	9.43	0.71	0.31		3.46	1.90	1.02		4.08	OK	0	0
4/26	0.3	20:30	11.04	0.77	0.17		3.69	1.94	1.13		5.21	OK	0	0
4/27	0	10:45	8.45	0.78	0.23		2.92	1.68	0.96		3.91	OK	0	0
4/28	0	20:45	9.55	0.71	0.24		3.53	1.72	0.96		4.29	OK	0	0
4/29	0	22:30	9.95	0.73	0.25		3.98	1.95	0.98		4.03	OK	0	0
4/30	0	09:15	8.55	0.68	0.27		2.97	1.64	1.00		3.90	OK	0	0
TOTAL	2.73												Total 0	0
	AVERAGE PEAK FLOW		10.93	0.86	0.26	0.00	3.93	1.99	1.22	0.00				

FLOW RIGHTS UTILIZATION REPORT

Month/Year: April 2025
MEMBER: Garwood
FORMULA: METER NO. RV03 - RV04 - RV05 - RV06

FLOW RIGHTS AVAILABLE (mgd): 3.69
No. OF DAYS WITH EXCEEDANCE: 0
MAX. FLOW: 1.66 AVG. FLOW 1.05

Day of Month	Rainfall (in)	Time of Day at Max Flow	METERED FLOW RATE (mgd) AT PEAK UTILIZATION								Peak Flow Rights Utilization (mgd)	STATUS	Duration of Exceedance (Hr:Min)	Volume of Exceedance (Million Gallons)
			OUTFLOW METERS				INFLOW METERS							
			RV03				RV04 (-45 min)	RV05 (-45 min)	RV06 (-60 min)					
4/01	0.18	01:30	2.67				0.23	0.36	0.59		1.48	OK	0	0
4/02	0	07:30	1.90				0.21	0.27	0.38		1.04	OK	0	0
4/03	0.06	08:00	2.21				0.26	0.32	0.45		1.17	OK	0	0
4/04	0.14	07:45	2.06				0.21	0.23	0.41		1.21	OK	0	0
4/05	0.05	18:45	2.07				0.22	0.36	0.45		1.04	OK	0	0
4/06	0.41	10:00	2.38				0.27	0.38	0.60		1.14	OK	0	0
4/07	0.21	19:30	2.46				0.25	0.43	0.62		1.16	OK	0	0
4/08	0	07:30	2.02				0.21	0.30	0.42		1.09	OK	0	0
4/09	0	08:00	1.98				0.27	0.42	0.39		0.91	OK	0	0
4/10	0	07:15	1.59				0.16	0.22	0.28		0.94	OK	0	0
4/11	0.56	23:00	2.28				0.21	0.38	0.62		1.07	OK	0	0
4/12	0.78	03:45	3.17				0.22	0.53	0.77		1.66	OK	0	0
4/13	0.02	08:45	2.61				0.27	0.40	0.66		1.28	OK	0	0
4/14	0	18:15	2.38				0.22	0.35	0.62		1.19	OK	0	0
4/15	0.02	07:45	2.13				0.22	0.30	0.51		1.10	OK	0	0
4/16	0	08:30	2.01				0.25	0.36	0.48		0.92	OK	0	0
4/17	0	20:15	1.90				0.18	0.30	0.49		0.93	OK	0	0
4/18	0	10:00	2.04				0.23	0.38	0.46		0.97	OK	0	0
4/19	0	13:30	2.10				0.20	0.32	0.57		1.01	OK	0	0
4/20	0	12:30	2.21				0.30	0.41	0.55		0.95	OK	0	0
4/21	0	19:30	2.07				0.25	0.40	0.45		0.98	OK	0	0
4/22	0	07:30	1.59				0.17	0.23	0.29		0.91	OK	0	0
4/23	0	07:30	1.46				0.14	0.20	0.27		0.85	OK	0	0
4/24	0	07:45	1.61				0.19	0.21	0.30		0.91	OK	0	0
4/25	0	07:45	1.58				0.14	0.22	0.29		0.92	OK	0	0
4/26	0.3	19:45	2.16				0.24	0.38	0.43		1.11	OK	0	0
4/27	0	10:15	2.00				0.23	0.36	0.47		0.95	OK	0	0
4/28	0	07:45	1.55				0.18	0.19	0.29		0.89	OK	0	0
4/29	0	08:00	1.68				0.23	0.24	0.33		0.88	OK	0	0
4/30	0	07:30	1.40				0.13	0.20	0.24		0.83	OK	0	0
TOTAL	2.73												Total 0	0
	AVERAGE PEAK FLOW		2.04		0.00	0.00	0.22	0.32	0.46	0.00				

FLOW RIGHTS UTILIZATION REPORT

Month/Year: April 2025
MEMBER: Kenilworth
FORMULA: METER NO. RV02 + RV07 - RV01 - RV20

FLOW RIGHTS AVAILABLE (mgd): 2.75
No. OF DAYS WITH EXCEEDANCE: 0
MAX. FLOW: 2.10 AVG. FLOW 1.46

Day of Month	Rainfall (in)	Time of Day at Max Flow	METERED FLOW RATE (mgd) AT PEAK UTILIZATION								Peak Flow Rights Utilization (mgd)	STATUS	Duration of Exceedance (Hr:Min)	Volume of Exceedance (Million Gallons)
			OUTFLOW METERS				INFLOW METERS							
			RV02	RV07			RV01 (-15 min)	RV20						
4/01	0.18	20:30	4.93	0.63			2.90	0.92			1.74	OK	0	0
4/02	0	07:30	3.56	0.68			2.04	0.48			1.71	OK	0	0
4/03	0.06	07:15	3.25	0.60			2.00	0.49			1.36	OK	0	0
4/04	0.14	19:45	4.92	0.62			3.02	0.81			1.71	OK	0	0
4/05	0.05	10:00	4.32	0.62			2.52	0.84			1.58	OK	0	0
4/06	0.41	02:00	4.10	0.49			2.52	0.76			1.31	OK	0	0
4/07	0.21	19:30	5.38	0.71			3.33	0.98			1.78	OK	0	0
4/08	0	21:00	5.25	0.67			3.21	1.01			1.70	OK	0	0
4/09	0	07:30	3.86	0.70			2.29	0.54			1.74	OK	0	0
4/10	0	17:15	4.37	0.61			2.81	0.76			1.42	OK	0	0
4/11	0.56	07:30	3.23	0.62			1.96	0.47			1.42	OK	0	0
4/12	0.78	12:45	6.57	0.90			3.98	1.39			2.10	OK	0	0
4/13	0.02	15:00	5.46	0.81			3.48	1.14			1.66	OK	0	0
4/14	0	07:45	4.08	0.69			2.53	0.64			1.60	OK	0	0
4/15	0.02	18:30	4.50	0.63			2.89	0.80			1.44	OK	0	0
4/16	0	07:30	3.55	0.63			2.22	0.54			1.41	OK	0	0
4/17	0	08:15	3.58	0.62			2.28	0.60			1.33	OK	0	0
4/18	0	08:30	3.50	0.62			2.25	0.57			1.30	OK	0	0
4/19	0	09:30	3.43	0.67			2.20	0.70			1.21	OK	0	0
4/20	0	11:45	4.66	0.62			2.91	1.00			1.38	OK	0	0
4/21	0	18:45	4.17	0.64			2.72	0.87			1.22	OK	0	0
4/22	0	20:30	4.19	0.55			2.66	0.87			1.21	OK	0	0
4/23	0	21:15	4.37	0.56			2.82	0.94			1.17	OK	0	0
4/24	0	19:30	3.79	0.53			2.41	0.77			1.14	OK	0	0
4/25	0	13:30	4.05	0.63			2.56	0.92			1.20	OK	0	0
4/26	0.3	19:30	4.42	0.64			2.57	0.92			1.57	OK	0	0
4/27	0	22:00	4.52	0.60			2.74	1.09			1.29	OK	0	0
4/28	0	07:15	2.87	0.60			1.65	0.46			1.37	OK	0	0
4/29	0	07:15	2.90	0.55			1.67	0.34			1.45	OK	0	0
4/30	0	07:30	2.91	0.55			1.73	0.42			1.32	OK	0	0
TOTAL	2.73											Total	0	0
	AVERAGE PEAK FLOW		4.16	0.63	0.00	0.00	2.56	0.77	0.00	0.00				

FLOW RIGHTS UTILIZATION REPORT

Month/Year: April 2025
MEMBER: Mountainside
FORMULA: METER NO. RV20

FLOW RIGHTS AVAILABLE (mgd): 3.15
No. OF DAYS WITH EXCEEDANCE: 0
MAX. FLOW: 1.42 AVG. FLOW 1.15

Day of Month	Rainfall (in)	Time of Day at Max Flow	METERED FLOW RATE (mgd) AT PEAK UTILIZATION								Peak Flow Rights Utilization (mgd)	STATUS	Duration of Exceedance (Hr:Min)	Volume of Exceedance (Million Gallons)
			OUTFLOW METERS				INFLOW METERS							
			RV20											
4/01	0.18	10:45	1.21								1.21	OK	0	0
4/02	0	22:15	1.13								1.13	OK	0	0
4/03	0.06	22:15	1.13								1.13	OK	0	0
4/04	0.14	10:30	1.15								1.15	OK	0	0
4/05	0.05	13:45	1.07								1.07	OK	0	0
4/06	0.41	22:00	1.27								1.27	OK	0	0
4/07	0.21	21:30	1.27								1.27	OK	0	0
4/08	0	21:45	1.19								1.19	OK	0	0
4/09	0	22:45	1.13								1.13	OK	0	0
4/10	0	09:15	1.14								1.14	OK	0	0
4/11	0.56	10:45	1.08								1.08	OK	0	0
4/12	0.78	12:15	1.42								1.42	OK	0	0
4/13	0.02	13:45	1.24								1.24	OK	0	0
4/14	0	10:45	1.19								1.19	OK	0	0
4/15	0.02	12:15	1.15								1.15	OK	0	0
4/16	0	10:30	1.12								1.12	OK	0	0
4/17	0	10:30	1.16								1.16	OK	0	0
4/18	0	11:30	1.12								1.12	OK	0	0
4/19	0	13:00	1.09								1.09	OK	0	0
4/20	0	13:45	1.11								1.11	OK	0	0
4/21	0	22:30	1.18								1.18	OK	0	0
4/22	0	09:30	1.09								1.09	OK	0	0
4/23	0	09:45	1.07								1.07	OK	0	0
4/24	0	10:15	1.03								1.03	OK	0	0
4/25	0	11:45	1.04								1.04	OK	0	0
4/26	0.3	21:00	1.31								1.31	OK	0	0
4/27	0	22:30	1.18								1.18	OK	0	0
4/28	0	10:00	1.07								1.07	OK	0	0
4/29	0	22:15	1.08								1.08	OK	0	0
4/30	0	10:30	1.05								1.05	OK	0	0
TOTAL	2.73											Total	0	0
	AVERAGE PEAK FLOW		1.15		0.00	0.00	0.00	0.00	0.00	0.00				

FLOW RIGHTS UTILIZATION REPORT

Month/Year: April 2025
MEMBER: Rahway
FORMULA: METER NO. RV14 + RV31 - RV11 - RV13 - RV15 - RV17

FLOW RIGHTS AVAILABLE (mgd): 17.26
No. OF DAYS WITH EXCEEDANCE: 0
MAX. FLOW: 13.00 AVG. FLOW 7.69

Day of Month	Rainfall (in)	Time of Day at Max Flow	METERED FLOW RATE (mgd) AT PEAK UTILIZATION								Peak Flow Rights Utilization (mgd)	STATUS	Duration of Exceedance (Hr:Min)	Volume of Exceedance (Million Gallons)
			OUTFLOW METERS				INFLOW METERS							
			RV14	RV31			RV11 (-60 min)	RV13 (-75 min)	RV15 (-105 min)	RV17 (-60 min)				
4/01	0.18	05:00	32.24	0.00			16.17	0.94	2.63	0.80	11.71	OK	0	0
4/02	0	00:30	27.90	0.00			16.60	0.91	1.89	0.64	7.86	OK	0	0
4/03	0.06	23:45	25.78	0.00			15.60	0.82	1.55	0.57	7.23	OK	0	0
4/04	0.14	12:45	25.34	0.00			14.65	0.88	1.35	0.57	7.88	OK	0	0
4/05	0.05	15:45	25.25	0.00			15.27	0.87	1.45	0.54	7.13	OK	0	0
4/06	0.41	17:45	28.93	0.00			18.34	0.94	1.56	0.53	7.57	OK	0	0
4/07	0.21	12:45	27.57	1.25			17.66	0.95	1.53	0.55	8.13	OK	0	0
4/08	0	12:00	28.15	0.00			17.34	0.89	1.58	0.58	7.77	OK	0	0
4/09	0	11:00	24.52	0.00			14.46	0.90	1.40	0.54	7.23	OK	0	0
4/10	0	22:00	25.16	0.00			15.34	0.85	1.17	0.55	7.25	OK	0	0
4/11	0.56	23:45	28.91	0.00			16.77	0.88	1.62	0.51	9.13	OK	0	0
4/12	0.78	10:15	41.53	0.00			22.94	1.23	3.50	0.86	13.00	OK	0	0
4/13	0.02	18:00	32.74	0.00			18.42	1.02	2.25	0.64	10.41	OK	0	0
4/14	0	23:45	29.63	0.00			17.10	0.94	1.86	0.53	9.20	OK	0	0
4/15	0.02	00:15	29.30	0.00			16.81	0.87	1.90	0.53	9.19	OK	0	0
4/16	0	11:45	25.87	0.00			14.86	0.87	1.73	0.59	7.82	OK	0	0
4/17	0	14:45	23.96	0.00			14.63	0.79	1.33	0.57	6.65	OK	0	0
4/18	0	13:30	24.60	0.00			14.42	0.84	1.36	0.61	7.38	OK	0	0
4/19	0	16:45	24.01	0.00			14.38	0.75	1.35	0.62	6.91	OK	0	0
4/20	0	15:30	24.46	0.00			14.78	0.80	1.48	0.55	6.86	OK	0	0
4/21	0	14:30	23.94	0.00			14.86	0.77	1.05	0.54	6.72	OK	0	0
4/22	0	13:30	22.71	0.00			14.02	0.72	1.03	0.46	6.49	OK	0	0
4/23	0	00:00	23.09	0.00			14.91	0.74	1.04	0.48	5.93	OK	0	0
4/24	0	11:45	21.12	0.00			12.71	0.75	1.00	0.53	6.14	OK	0	0
4/25	0	15:00	20.55	0.00			12.23	0.68	0.91	0.55	6.19	OK	0	0
4/26	0.3	14:45	23.70	0.00			14.67	0.76	1.14	0.55	6.58	OK	0	0
4/27	0	14:30	23.48	0.00			14.46	0.73	1.16	0.53	6.60	OK	0	0
4/28	0	23:30	22.54	0.00			13.62	0.70	0.93	0.56	6.74	OK	0	0
4/29	0	12:45	20.67	0.00			12.08	0.68	0.92	0.51	6.48	OK	0	0
4/30	0	00:00	22.41	0.00			13.57	0.73	1.07	0.54	6.52	OK	0	0
TOTAL	2.73											Total	0	0
	AVERAGE PEAK FLOW		26.00	0.04	0.00	0.00	15.45	0.84	1.49	0.57				

FLOW RIGHTS UTILIZATION REPORT

Month/Year: April 2025
MEMBER: Roselle Park
FORMULA: METER NO. RV29 - RV30 - RV07

FLOW RIGHTS AVAILABLE (mgd): 1.94
No. OF DAYS WITH EXCEEDANCE: 0
MAX. FLOW: 1.49 AVG. FLOW 1.27

Day of Month	Rainfall (in)	Time of Day at Max Flow	METERED FLOW RATE (mgd) AT PEAK UTILIZATION								Peak Flow Rights Utilization (mgd)	STATUS	Duration of Exceedance (Hr:Min)	Volume of Exceedance (Million Gallons)
			OUTFLOW METERS				INFLOW METERS							
			RV29				RV30 (-15 min)	RV07 (-30 min)						
4/01	0.18	06:15	2.05				0.21	0.58			1.25	OK	0	0
4/02	0	17:45	2.04				0.25	0.60			1.19	OK	0	0
4/03	0.06	07:00	2.20				0.24	0.48			1.49	OK	0	0
4/04	0.14	12:45	2.06				0.27	0.57			1.21	OK	0	0
4/05	0.05	22:15	1.97				0.20	0.49			1.27	OK	0	0
4/06	0.41	05:45	2.01				0.16	0.54			1.32	OK	0	0
4/07	0.21	06:00	1.94				0.18	0.44			1.33	OK	0	0
4/08	0	00:45	1.95				0.17	0.52			1.26	OK	0	0
4/09	0	19:30	1.92				0.22	0.60			1.10	OK	0	0
4/10	0	19:45	2.16				0.24	0.56			1.36	OK	0	0
4/11	0.56	23:15	2.04				0.23	0.59			1.23	OK	0	0
4/12	0.78	06:00	2.36				0.22	0.69			1.45	OK	0	0
4/13	0.02	00:30	2.31				0.28	0.69			1.34	OK	0	0
4/14	0	06:45	2.08				0.26	0.59			1.23	OK	0	0
4/15	0.02	06:00	2.08				0.20	0.52			1.36	OK	0	0
4/16	0	02:15	1.88				0.15	0.43			1.31	OK	0	0
4/17	0	04:45	1.75				0.15	0.37			1.23	OK	0	0
4/18	0	21:15	2.10				0.22	0.58			1.30	OK	0	0
4/19	0	04:00	1.79				0.13	0.38			1.28	OK	0	0
4/20	0	04:45	1.80				0.18	0.35			1.27	OK	0	0
4/21	0	22:30	2.01				0.23	0.61			1.18	OK	0	0
4/22	0	05:00	1.71				0.17	0.33			1.21	OK	0	0
4/23	0	17:00	1.88				0.21	0.57			1.09	OK	0	0
4/24	0	18:15	2.03				0.26	0.52			1.26	OK	0	0
4/25	0	05:45	1.87				0.16	0.31			1.40	OK	0	0
4/26	0.3	18:00	2.14				0.22	0.55			1.37	OK	0	0
4/27	0	05:45	1.64				0.14	0.33			1.17	OK	0	0
4/28	0	02:45	1.68				0.13	0.30			1.25	OK	0	0
4/29	0	18:00	1.99				0.19	0.55			1.25	OK	0	0
4/30	0	04:00	1.72				0.13	0.32			1.27	OK	0	0
TOTAL	2.73												Total 0	0
	AVERAGE PEAK FLOW		1.97		0.00	0.00	0.20	0.50	0.00	0.00				

FLOW RIGHTS UTILIZATION REPORT

Month/Year: April 2025
MEMBER: Scotch Plains
FORMULA: METER NO. RV18 + RV19

FLOW RIGHTS AVAILABLE (mgd): 4.73
No. OF DAYS WITH EXCEEDANCE: 0
MAX. FLOW: 2.47 AVG. FLOW 2.12

Day of Month	Rainfall (in)	Time of Day at Max Flow	METERED FLOW RATE (mgd) AT PEAK UTILIZATION								Peak Flow Rights Utilization (mgd)	STATUS	Duration of Exceedance (Hr:Min)	Volume of Exceedance (Million Gallons)
			OUTFLOW METERS				INFLOW METERS							
			RV18	RV19										
4/01	0.18	20:15	1.25	0.83							2.08	OK	0	0
4/02	0	09:30	1.36	0.79							2.14	OK	0	0
4/03	0.06	09:30	1.28	0.77							2.06	OK	0	0
4/04	0.14	10:15	1.38	0.83							2.21	OK	0	0
4/05	0.05	12:15	1.30	0.86							2.16	OK	0	0
4/06	0.41	20:15	1.30	0.83							2.13	OK	0	0
4/07	0.21	20:45	1.38	0.84							2.23	OK	0	0
4/08	0	09:00	1.17	0.95							2.12	OK	0	0
4/09	0	10:30	1.23	0.79							2.03	OK	0	0
4/10	0	10:00	1.24	0.80							2.04	OK	0	0
4/11	0.56	23:45	1.27	0.98							2.24	OK	0	0
4/12	0.78	02:00	1.34	1.13							2.47	OK	0	0
4/13	0.02	15:45	1.35	0.86							2.21	OK	0	0
4/14	0	09:45	1.28	0.91							2.20	OK	0	0
4/15	0.02	11:15	1.20	0.77							1.97	OK	0	0
4/16	0	09:15	1.15	0.83							1.97	OK	0	0
4/17	0	09:15	1.23	0.76							1.99	OK	0	0
4/18	0	10:30	1.19	0.79							1.98	OK	0	0
4/19	0	11:45	1.18	1.02							2.20	OK	0	0
4/20	0	11:30	1.22	0.84							2.06	OK	0	0
4/21	0	21:00	1.21	0.95							2.16	OK	0	0
4/22	0	08:45	1.28	0.83							2.11	OK	0	0
4/23	0	21:45	1.11	1.03							2.14	OK	0	0
4/24	0	21:00	1.16	0.97							2.13	OK	0	0
4/25	0	08:30	1.13	0.98							2.10	OK	0	0
4/26	0.3	11:45	1.30	1.04							2.33	OK	0	0
4/27	0	11:15	1.20	1.05							2.24	OK	0	0
4/28	0	07:30	1.19	0.83							2.01	OK	0	0
4/29	0	18:15	0.94	1.01							1.95	OK	0	0
4/30	0	20:30	1.20	0.89							2.09	OK	0	0
TOTAL	2.73											Total	0	0
	AVERAGE PEAK FLOW		1.23	0.89	0.00	0.00	0.00	0.00	0.00	0.00				

FLOW RIGHTS UTILIZATION REPORT

Month/Year: April 2025
MEMBER: Springfield
FORMULA: METER NO. RV01

FLOW RIGHTS AVAILABLE (mgd): 4.39
No. OF DAYS WITH EXCEEDANCE: 0
MAX. FLOW: 4.07 AVG. FLOW 3.37

Day of Month	Rainfall (in)	Time of Day at Max Flow	METERED FLOW RATE (mgd) AT PEAK UTILIZATION								Peak Flow Rights Utilization (mgd)	STATUS	Duration of Exceedance (Hr:Min)	Volume of Exceedance (Million Gallons)
			OUTFLOW METERS				INFLOW METERS							
			RV01											
4/01	0.18	09:00	3.46								3.46	OK	0	0
4/02	0	22:30	3.46								3.46	OK	0	0
4/03	0.06	22:45	3.47								3.47	OK	0	0
4/04	0.14	11:15	3.52								3.52	OK	0	0
4/05	0.05	16:00	3.46								3.46	OK	0	0
4/06	0.41	14:30	4.06								4.06	OK	0	0
4/07	0.21	22:45	3.77								3.77	OK	0	0
4/08	0	00:00	3.63								3.63	OK	0	0
4/09	0	22:00	3.45								3.45	OK	0	0
4/10	0	21:30	3.38								3.38	OK	0	0
4/11	0.56	22:15	3.33								3.33	OK	0	0
4/12	0.78	11:00	4.07								4.07	OK	0	0
4/13	0.02	00:45	3.85								3.85	OK	0	0
4/14	0	22:15	3.60								3.60	OK	0	0
4/15	0.02	22:30	3.47								3.47	OK	0	0
4/16	0	14:30	3.33								3.33	OK	0	0
4/17	0	11:30	3.36								3.36	OK	0	0
4/18	0	11:15	3.27								3.27	OK	0	0
4/19	0	13:15	3.12								3.12	OK	0	0
4/20	0	13:30	3.33								3.33	OK	0	0
4/21	0	21:30	3.22								3.22	OK	0	0
4/22	0	22:15	3.13								3.13	OK	0	0
4/23	0	21:15	3.08								3.08	OK	0	0
4/24	0	10:30	3.00								3.00	OK	0	0
4/25	0	11:45	2.99								2.99	OK	0	0
4/26	0.3	12:15	3.12								3.12	OK	0	0
4/27	0	11:45	3.02								3.02	OK	0	0
4/28	0	23:00	3.16								3.16	OK	0	0
4/29	0	11:15	2.90								2.90	OK	0	0
4/30	0	22:45	3.01								3.01	OK	0	0
TOTAL	2.73												Total 0	0
	AVERAGE PEAK FLOW		3.37		0.00	0.00	0.00	0.00	0.00	0.00				

FLOW RIGHTS UTILIZATION REPORT

Month/Year: April 2025
MEMBER: Westfield
FORMULA: METER NO. RV04 + RV05 + RV06 + RV09 - RV18 - RV19

FLOW RIGHTS AVAILABLE (mgd): 10.94
No. OF DAYS WITH EXCEEDANCE: 0
MAX. FLOW: 8.45 AVG. FLOW 4.70

Day of Month	Rainfall (in)	Time of Day at Max Flow	METERED FLOW RATE (mgd) AT PEAK UTILIZATION								Peak Flow Rights Utilization (mgd)	STATUS	Duration of Exceedance (Hr:Min)	Volume of Exceedance (Million Gallons)
			OUTFLOW METERS				INFLOW METERS							
			RV04	RV05	RV06	RV09	RV18 (-45 min)	RV19 (-30 min)						
4/01	0.18	08:45	0.31	0.44	0.74	6.15	1.07	0.84			5.73	OK	0	0
4/02	0	09:00	0.30	0.37	0.57	5.23	1.15	0.74			4.57	OK	0	0
4/03	0.06	21:45	0.24	0.35	0.59	4.98	1.00	0.59			4.56	OK	0	0
4/04	0.14	11:15	0.22	0.34	0.57	5.00	1.06	0.58			4.49	OK	0	0
4/05	0.05	11:45	0.26	0.39	0.61	4.79	1.08	0.63			4.35	OK	0	0
4/06	0.41	13:15	0.29	0.41	0.70	5.78	1.08	0.68			5.43	OK	0	0
4/07	0.21	21:00	0.35	0.55	0.71	5.68	1.22	0.73			5.34	OK	0	0
4/08	0	21:45	0.25	0.50	0.63	5.37	0.95	0.64			5.16	OK	0	0
4/09	0	09:00	0.30	0.40	0.59	5.02	0.94	0.63			4.73	OK	0	0
4/10	0	09:30	0.31	0.36	0.57	4.93	1.24	0.57			4.36	OK	0	0
4/11	0.56	22:00	0.23	0.42	0.62	5.20	1.01	0.60			4.87	OK	0	0
4/12	0.78	10:15	0.38	0.70	1.10	8.34	1.32	0.74			8.45	OK	0	0
4/13	0.02	11:30	0.34	0.53	0.88	6.84	1.12	0.61			6.86	OK	0	0
4/14	0	10:30	0.26	0.45	0.73	6.13	1.28	0.55			5.75	OK	0	0
4/15	0.02	10:00	0.29	0.41	0.60	5.30	0.93	0.42			5.26	OK	0	0
4/16	0	12:30	0.22	0.37	0.65	4.81	0.93	0.41			4.72	OK	0	0
4/17	0	10:15	0.25	0.38	0.50	4.90	1.09	0.42			4.52	OK	0	0
4/18	0	11:30	0.25	0.36	0.65	4.46	1.03	0.38			4.30	OK	0	0
4/19	0	11:45	0.22	0.34	0.63	4.52	0.93	0.79			4.00	OK	0	0
4/20	0	12:00	0.32	0.43	0.59	4.85	1.08	0.84			4.27	OK	0	0
4/21	0	22:15	0.31	0.36	0.50	4.30	1.12	0.50			3.85	OK	0	0
4/22	0	21:15	0.26	0.42	0.54	4.24	1.09	0.40			3.97	OK	0	0
4/23	0	09:15	0.25	0.38	0.52	4.39	1.04	0.42			4.08	OK	0	0
4/24	0	08:30	0.27	0.39	0.54	3.81	0.78	0.47			3.77	OK	0	0
4/25	0	12:30	0.19	0.24	0.55	4.07	1.00	0.37			3.68	OK	0	0
4/26	0.3	11:45	0.28	0.37	0.58	4.16	1.11	0.52			3.76	OK	0	0
4/27	0	20:45	0.29	0.44	0.61	4.45	1.18	0.53			4.09	OK	0	0
4/28	0	22:00	0.27	0.39	0.48	4.51	1.17	0.39			4.08	OK	0	0
4/29	0	09:45	0.25	0.33	0.45	4.55	1.12	0.45			4.01	OK	0	0
4/30	0	10:30	0.22	0.31	0.53	4.35	1.02	0.31			4.07	OK	0	0
TOTAL	2.73											Total	0	0
	AVERAGE PEAK FLOW		0.27	0.40	0.62	5.04	1.07	0.56	0.00	0.00				

FLOW RIGHTS UTILIZATION REPORT

Month/Year: April 2025
MEMBER: Woodbridge
FORMULA: METER NO. RV15

FLOW RIGHTS AVAILABLE (mgd): 3.49
No. OF DAYS WITH EXCEEDANCE: 1
MAX. FLOW: 4.56 AVG. FLOW 1.69

Day of Month	Rainfall (in)	Time of Day at Max Flow	METERED FLOW RATE (mgd) AT PEAK UTILIZATION								Peak Flow Rights Utilization (mgd)	STATUS	Duration of Exceedance (Hr:Min)	Volume of Exceedance (Million Gallons)
			OUTFLOW METERS				INFLOW METERS							
			RV15											
4/01	0.18	02:00	2.86								2.86	OK	0	0
4/02	0	08:45	1.85								1.85	OK	0	0
4/03	0.06	09:00	1.70								1.70	OK	0	0
4/04	0.14	10:00	2.03								2.03	OK	0	0
4/05	0.05	12:00	1.65								1.65	OK	0	0
4/06	0.41	12:15	1.87								1.87	OK	0	0
4/07	0.21	21:30	1.76								1.76	OK	0	0
4/08	0	09:15	1.83								1.83	OK	0	0
4/09	0	09:30	1.42								1.42	OK	0	0
4/10	0	10:00	1.36								1.36	OK	0	0
4/11	0.56	23:30	1.70								1.70	OK	0	0
4/12	0.78	10:15	4.56								4.56	Exceedance	10:15	0.13583
4/13	0.02	11:15	2.76								2.76	OK	0	0
4/14	0	08:30	2.19								2.19	OK	0	0
4/15	0.02	09:00	2.00								2.00	OK	0	0
4/16	0	09:45	1.78								1.78	OK	0	0
4/17	0	23:15	1.60								1.60	OK	0	0
4/18	0	13:30	1.60								1.60	OK	0	0
4/19	0	11:45	1.57								1.57	OK	0	0
4/20	0	11:45	1.58								1.58	OK	0	0
4/21	0	12:30	1.11								1.11	OK	0	0
4/22	0	10:30	1.12								1.12	OK	0	0
4/23	0	12:30	1.05								1.05	OK	0	0
4/24	0	10:15	1.04								1.04	OK	0	0
4/25	0	10:45	1.05								1.05	OK	0	0
4/26	0.3	12:15	1.22								1.22	OK	0	0
4/27	0	12:15	1.21								1.21	OK	0	0
4/28	0	22:00	1.04								1.04	OK	0	0
4/29	0	22:15	1.07								1.07	OK	0	0
4/30	0	09:00	1.08								1.08	OK	0	0
TOTAL	2.73												Total 10:15	0.13583
	AVERAGE PEAK FLOW		1.69		0.00	0.00	0.00	0.00	0.00	0.00				