Monday, June 10, 2024

Re: Flow Rights Utilization Report - May 2024

Attached for your use please find Flow Rights Utilization Report for May 2024. 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 2024 measuring year.

Member	Flow Rights (MGD)	Current Month		Measuring Year to Date		No. of Days Above Limit (2)		Total Excess Usage for 2024 Measuring Year (Millions of Gallons)
		Avg Flow Rate (MGD)	Max Flow Rate (MGD)	Avg Flow Rate (MGD)	Max Flow Rate (MGD)	Current Month	Total for 2024 Measuring Year	
Clark	4.95	0.85	2.60	1.15	10.37	0	10	0.84269
Cranford	9.19	3.03	7.52	4.57	23.84	0	24	43.66679
Garwood	3.69	0.72	2.10	0.85	7.91	0	6	0.65768
Kenilworth	2.75	0.96	1.76	1.16	4.56	0	10	0.596
Mountainside	3.15	0.71	1.38	0.86	2.45	0	0	0
Rahway	17.26	5.12	13.78	5.69	28.55	0	12	4.26651
Roselle Park	1.94	0.32	0.82	0.33	2.09	0	1	0.00157
Scotch Plains	4.73	1.84	2.67	1.86	6.16	0	5	0.36253
Springfield	4.39	2.82	4.07	3.23	7.70	0	33	16.34529
Westfield	10.94	2.83	5.12	4.01	13.95	0	7	1.88175
Woodbridge	3.49	0.68	1.42	1.20	6.43	0	19	11.39377

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 Motion #2024-01 passed on February 15, 2024, the Board has waived Flow Exceedances for 1/11/2024, 1/18/2024, 1/28/2024; and for 12/8/2023 through 12/13/2023, and 12/28/2023. This will be reflected in the final Measuring Year Report.
(4) Per Resolution #24-09, Peak Flow Right Exceedances on days where six (6) or more Members exceed their Peak Flow Rights shall be waived. This will be reflected in the final Measuring Year Report.

FLOW RIGHTS UTILIZATION REPORT

Month/Year: May 2024
MEMBER: Clark
FORMULA: METER NO. RV11 + RV17 - RV09 - RV10

FLOW RIGHTS AVAILABLE (mgd): 4.95
No. OF DAYS WITH EXCEEDANCE: 0
MAX. FLOW: 2.60 AVG. FLOW 1.91

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							
			RV11	RV17			RV09 (-30 min)	RV10 (-30 min)						
5/01	0.02	11:00	16.22	0.46			4.47	10.40			1.82	OK	0	0
5/02	0	21:00	15.08	0.43			4.15	9.90			1.46	OK	0	0
5/03	0	12:15	15.44	0.42			4.09	10.17			1.61	OK	0	0
5/04	0	13:45	16.52	0.50			4.07	11.33			1.62	OK	0	0
5/05	0.35	19:30	18.12	0.53			4.34	11.89			2.43	OK	0	0
5/06	0.01	10:45	16.44	0.50			4.71	10.09			2.14	OK	0	0
5/07	0	10:30	15.84	0.44			4.69	9.94			1.64	OK	0	0
5/08	0.04	12:15	15.44	0.44			4.09	10.16			1.62	OK	0	0
5/09	0	20:30	14.85	0.45			4.16	9.56			1.59	OK	0	0
5/10	0.45	19:45	16.44	0.59			4.63	10.40			2.00	OK	0	0
5/11	0	11:00	15.44	0.52			4.71	8.98			2.27	OK	0	0
5/12	0.43	19:45	16.43	0.54			3.99	10.61			2.36	OK	0	0
5/13	0	10:45	16.26	0.53			4.66	10.22			1.90	OK	0	0
5/14	0.01	21:15	15.76	0.48			4.46	9.22			2.56	OK	0	0
5/15	0.33	00:00	15.68	0.42			4.36	9.13			2.60	OK	0	0
5/16	0.02	20:30	15.34	0.43			4.22	9.67			1.89	OK	0	0
5/17	0	13:00	15.45	0.37			4.30	9.63			1.88	OK	0	0
5/18	0.05	13:00	16.50	0.48			4.58	10.62			1.78	OK	0	0
5/19	0	13:45	16.25	0.44			4.32	10.53			1.85	OK	0	0
5/20	0	13:00	15.52	0.38			4.17	9.63			2.10	OK	0	0
5/21	0	21:15	15.05	0.43			4.36	9.66			1.46	OK	0	0
5/22	0	22:30	15.53	0.45			4.49	10.03			1.47	OK	0	0
5/23	0.64	12:30	19.95	0.54			5.62	12.39			2.49	OK	0	0
5/24	0	11:45	15.31	0.43			4.40	9.96			1.38	OK	0	0
5/25	0	12:15	14.74	0.42			4.16	9.20			1.80	OK	0	0
5/26	0	14:00	14.37	0.42			4.07	9.42			1.30	OK	0	0
5/27	0.39	20:00	16.64	0.49			4.75	10.35			2.04	OK	0	0
5/28	0	21:15	15.13	0.44			4.46	9.45			1.66	OK	0	0
5/29	0.71	21:45	16.13	0.58			4.71	9.74			2.26	OK	0	0
5/30	0.16	10:45	18.44	0.51			5.09	11.40			2.45	OK	0	0
5/31	0	00:15	15.71	0.40			4.34	10.09			1.67	OK	0	0
TOTAL	3.61												Total 0	0
	AVERAGE PEAK FLOW		16.00	0.47	0.00	0.00	4.44	10.12	0.00	0.00				

FLOW RIGHTS UTILIZATION REPORT

Month/Year: May 2024
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: 7.52 AVG. FLOW 4.56

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)					
5/01	0.02	22:15	11.28	0.68	0.36		4.48	1.95	1.52		4.38	OK	0	0
5/02	0	21:15	10.52	0.69	0.32		4.07	1.85	1.39		4.21	OK	0	0
5/03	0	09:30	9.90	0.68	0.31		3.53	1.77	1.41		4.18	OK	0	0
5/04	0	12:00	11.35	0.70	0.34		4.30	1.98	1.56		4.55	OK	0	0
5/05	0.35	20:30	12.71	0.79	0.31		4.82	1.99	1.51		5.50	OK	0	0
5/06	0.01	09:15	10.18	0.72	0.34		3.44	1.92	1.51		4.38	OK	0	0
5/07	0	09:30	10.03	0.71	0.33		3.52	1.86	1.45		4.25	OK	0	0
5/08	0.04	09:00	9.88	0.71	0.33		3.22	1.71	1.40		4.59	OK	0	0
5/09	0	10:00	10.39	0.69	0.32		3.65	1.90	1.77		4.08	OK	0	0
5/10	0.45	10:00	11.15	0.74	0.32		4.02	2.03	1.51		4.66	OK	0	0
5/11	0	12:00	11.17	0.73	0.37		4.34	2.01	1.53		4.39	OK	0	0
5/12	0.43	12:00	13.54	0.93	0.36		4.43	2.57	1.62		6.21	OK	0	0
5/13	0	10:45	10.68	0.71	0.33		4.27	1.88	1.31		4.27	OK	0	0
5/14	0.01	08:45	9.14	0.70	0.28		3.32	1.65	1.35		3.81	OK	0	0
5/15	0.33	11:45	12.17	0.83	0.33		4.84	2.16	1.50		4.82	OK	0	0
5/16	0.02	08:30	9.17	0.69	0.29		3.04	1.57	1.33		4.22	OK	0	0
5/17	0	09:15	9.36	0.63	0.31		3.24	1.69	1.24		4.13	OK	0	0
5/18	0.05	12:00	10.51	0.74	0.34		4.07	1.96	1.33		4.23	OK	0	0
5/19	0	21:15	10.55	0.76	0.33		4.18	1.89	1.31		4.26	OK	0	0
5/20	0	20:45	10.11	0.67	0.30		4.08	1.72	1.28		4.01	OK	0	0
5/21	0	09:30	9.63	0.71	0.32		3.40	1.80	1.31		4.15	OK	0	0
5/22	0	21:30	10.19	0.70	0.33		4.08	1.88	1.32		3.95	OK	0	0
5/23	0.64	11:00	13.55	0.95	0.33		4.06	2.01	1.24		7.52	OK	0	0
5/24	0	10:45	10.02	0.72	0.32		3.78	1.90	1.30		4.08	OK	0	0
5/25	0	11:00	9.10	0.66	0.31		3.32	1.76	1.29		3.68	OK	0	0
5/26	0	12:30	9.38	0.73	0.28		3.73	1.87	1.23		3.55	OK	0	0
5/27	0.39	21:15	11.28	0.86	0.31		4.63	2.11	1.38		4.34	OK	0	0
5/28	0	21:30	10.29	0.73	0.28		3.86	1.93	1.33		4.17	OK	0	0
5/29	0.71	22:15	12.26	0.78	0.28		4.17	2.26	1.27		5.61	OK	0	0
5/30	0.16	08:30	10.83	0.76	0.25		3.49	1.96	1.36		5.04	OK	0	0
5/31	0	09:45	11.85	0.70	0.29		3.54	2.01	1.28		6.00	OK	0	0
TOTAL	3.61												Total 0	0
	AVERAGE PEAK FLOW		10.71	0.74	0.32	0.00	3.90	1.92	1.39	0.00				

FLOW RIGHTS UTILIZATION REPORT

Month/Year: May 2024
MEMBER: Garwood
FORMULA: METER NO. RV03 - RV04 - RV05 - RV06

FLOW RIGHTS AVAILABLE (mgd): 3.69
No. OF DAYS WITH EXCEEDANCE: 0
MAX. FLOW: 2.10 AVG. FLOW 1.04

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)					
5/01	0.02	07:30	1.62				0.16	0.15	0.33		0.97	OK	0	0
5/02	0	21:30	1.98				0.25	0.31	0.53		0.90	OK	0	0
5/03	0	18:45	1.83				0.22	0.21	0.50		0.91	OK	0	0
5/04	0	09:15	1.81				0.21	0.21	0.39		1.01	OK	0	0
5/05	0.35	15:45	2.32				0.24	0.34	0.56		1.18	OK	0	0
5/06	0.01	20:15	2.07				0.24	0.29	0.51		1.02	OK	0	0
5/07	0	21:30	2.06				0.25	0.33	0.54		0.94	OK	0	0
5/08	0.04	08:30	1.94				0.24	0.30	0.46		0.93	OK	0	0
5/09	0	08:00	1.76				0.20	0.23	0.38		0.94	OK	0	0
5/10	0.45	21:00	2.10				0.24	0.31	0.60		0.96	OK	0	0
5/11	0	10:15	2.08				0.24	0.35	0.51		0.97	OK	0	0
5/12	0.43	11:45	2.68				0.32	0.41	0.71		1.25	OK	0	0
5/13	0	08:00	1.80				0.24	0.24	0.39		0.92	OK	0	0
5/14	0.01	08:00	1.81				0.22	0.25	0.39		0.95	OK	0	0
5/15	0.33	08:45	2.36				0.33	0.37	0.58		1.08	OK	0	0
5/16	0.02	08:00	1.88				0.22	0.26	0.37		1.03	OK	0	0
5/17	0	17:30	1.76				0.15	0.23	0.51		0.88	OK	0	0
5/18	0.05	09:15	1.72				0.18	0.19	0.36		0.99	OK	0	0
5/19	0	09:15	1.72				0.19	0.22	0.35		0.97	OK	0	0
5/20	0	08:30	1.89				0.24	0.30	0.45		0.91	OK	0	0
5/21	0	08:00	1.68				0.21	0.23	0.36		0.87	OK	0	0
5/22	0	08:15	1.90				0.22	0.27	0.40		1.01	OK	0	0
5/23	0.64	10:30	3.26				0.26	0.32	0.59		2.10	OK	0	0
5/24	0	08:00	1.69				0.14	0.16	0.36		1.03	OK	0	0
5/25	0	12:00	1.97				0.20	0.25	0.53		0.99	OK	0	0
5/26	0	10:00	1.78				0.17	0.17	0.36		1.07	OK	0	0
5/27	0.39	11:30	2.07				0.22	0.28	0.51		1.06	OK	0	0
5/28	0	10:00	2.02				0.23	0.29	0.52		0.98	OK	0	0
5/29	0.71	21:45	2.81				0.30	0.47	0.63		1.42	OK	0	0
5/30	0.16	06:45	1.87				0.15	0.20	0.43		1.09	OK	0	0
5/31	0	08:30	2.02				0.26	0.34	0.47		0.96	OK	0	0
TOTAL	3.61												Total 0	0
	AVERAGE PEAK FLOW		2.01		0.00	0.00	0.22	0.27	0.47	0.00				

FLOW RIGHTS UTILIZATION REPORT

Month/Year: May 2024
MEMBER: Kenilworth
FORMULA: METER NO. RV02 + RV07 - RV01 - RV20

FLOW RIGHTS AVAILABLE (mgd): 2.75
No. OF DAYS WITH EXCEEDANCE: 0
MAX. FLOW: 1.76 AVG. FLOW 1.37

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							
			RV02	RV07			RV01 (-15 min)	RV20						
5/01	0.02	21:15	4.74	0.76			3.26	0.90			1.34	OK	0	0
5/02	0	18:45	4.12	0.65			2.70	0.74			1.32	OK	0	0
5/03	0	07:15	3.06	0.64			2.14	0.39			1.16	OK	0	0
5/04	0	11:15	4.62	0.77			3.13	0.92			1.34	OK	0	0
5/05	0.35	11:45	4.42	0.76			3.05	0.88			1.25	OK	0	0
5/06	0.01	19:30	4.34	0.71			2.97	0.72			1.36	OK	0	0
5/07	0	20:15	4.36	0.70			2.97	0.78			1.30	OK	0	0
5/08	0.04	07:30	3.22	0.84			2.22	0.44			1.41	OK	0	0
5/09	0	13:45	4.15	0.71			2.65	0.79			1.43	OK	0	0
5/10	0.45	08:00	3.81	0.86			2.67	0.60			1.40	OK	0	0
5/11	0	10:15	4.19	0.90			2.78	0.87			1.43	OK	0	0
5/12	0.43	10:45	4.71	1.01			3.14	0.94			1.65	OK	0	0
5/13	0	08:15	3.84	0.69			2.55	0.64			1.34	OK	0	0
5/14	0.01	07:45	3.56	0.71			2.43	0.54			1.31	OK	0	0
5/15	0.33	20:00	4.70	0.73			3.23	0.86			1.34	OK	0	0
5/16	0.02	07:30	3.38	0.73			2.29	0.47			1.36	OK	0	0
5/17	0	07:45	3.24	0.66			2.24	0.43			1.23	OK	0	0
5/18	0.05	09:45	3.83	0.81			2.62	0.70			1.31	OK	0	0
5/19	0	10:15	3.95	0.84			2.73	0.71			1.36	OK	0	0
5/20	0	22:00	4.69	0.71			3.02	0.95			1.44	OK	0	0
5/21	0	22:00	4.74	0.79			3.26	0.92			1.34	OK	0	0
5/22	0	18:45	4.03	0.72			2.42	0.68			1.64	OK	0	0
5/23	0.64	10:30	4.91	0.97			3.26	0.90			1.72	OK	0	0
5/24	0	18:00	3.99	0.69			2.76	0.63			1.29	OK	0	0
5/25	0	11:30	4.11	0.72			2.84	0.72			1.27	OK	0	0
5/26	0	10:15	3.43	0.67			2.40	0.58			1.11	OK	0	0
5/27	0.39	11:30	4.34	0.76			2.65	0.91			1.54	OK	0	0
5/28	0	20:00	3.86	0.74			2.72	0.71			1.17	OK	0	0
5/29	0.71	22:15	5.01	1.00			3.27	0.98			1.76	OK	0	0
5/30	0.16	07:30	3.71	0.83			2.60	0.57			1.37	OK	0	0
5/31	0	07:45	3.24	0.66			2.11	0.48			1.31	OK	0	0
TOTAL	3.61												Total 0	0
	AVERAGE PEAK FLOW		4.07	0.77	0.00	0.00	2.74	0.72	0.00	0.00				

FLOW RIGHTS UTILIZATION REPORT

Month/Year: May 2024
MEMBER: Mountainside
FORMULA: METER NO. RV20

FLOW RIGHTS AVAILABLE (mgd): 3.15
No. OF DAYS WITH EXCEEDANCE: 0
MAX. FLOW: 1.38 AVG. FLOW 1.03

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											
5/01	0.02	09:45	1.03								1.03	OK	0	0
5/02	0	23:15	1.13								1.13	OK	0	0
5/03	0	09:45	0.99								0.99	OK	0	0
5/04	0	11:45	0.96								0.96	OK	0	0
5/05	0.35	21:15	1.09								1.09	OK	0	0
5/06	0.01	10:00	1.04								1.04	OK	0	0
5/07	0	09:30	1.00								1.00	OK	0	0
5/08	0.04	09:45	1.02								1.02	OK	0	0
5/09	0	09:45	0.97								0.97	OK	0	0
5/10	0.45	10:00	0.95								0.95	OK	0	0
5/11	0	11:30	0.94								0.94	OK	0	0
5/12	0.43	12:15	1.14								1.14	OK	0	0
5/13	0	22:15	1.33								1.33	OK	0	0
5/14	0.01	00:00	1.24								1.24	OK	0	0
5/15	0.33	10:15	1.09								1.09	OK	0	0
5/16	0.02	09:45	1.00								1.00	OK	0	0
5/17	0	10:15	0.95								0.95	OK	0	0
5/18	0.05	13:30	0.99								0.99	OK	0	0
5/19	0	23:00	0.99								0.99	OK	0	0
5/20	0	22:30	0.97								0.97	OK	0	0
5/21	0	22:45	0.96								0.96	OK	0	0
5/22	0	10:00	0.97								0.97	OK	0	0
5/23	0.64	11:45	1.27								1.27	OK	0	0
5/24	0	13:30	0.91								0.91	OK	0	0
5/25	0	16:30	0.84								0.84	OK	0	0
5/26	0	13:00	0.79								0.79	OK	0	0
5/27	0.39	11:15	0.93								0.93	OK	0	0
5/28	0	09:30	0.92								0.92	OK	0	0
5/29	0.71	23:45	1.38								1.38	OK	0	0
5/30	0.16	00:00	1.36								1.36	OK	0	0
5/31	0	09:45	0.90								0.90	OK	0	0
TOTAL	3.61												Total 0	0
	AVERAGE PEAK FLOW		1.03		0.00	0.00	0.00	0.00	0.00	0.00				

FLOW RIGHTS UTILIZATION REPORT

Month/Year: May 2024
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: 13.78 AVG. FLOW 9.74

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)				
5/01	0.02	13:15	21.01	3.08			15.39	0.69	0.74	0.45	6.82	OK	0	0
5/02	0	17:30	19.49	3.11			13.58	0.66	0.67	0.43	7.27	OK	0	0
5/03	0	18:45	19.62	3.59			13.47	0.63	0.68	0.37	8.07	OK	0	0
5/04	0	11:00	18.95	4.88			11.48	0.64	0.69	0.48	10.55	OK	0	0
5/05	0.35	21:30	27.09	3.21			18.54	0.79	1.03	0.56	9.39	OK	0	0
5/06	0.01	09:45	19.79	4.32			12.45	0.65	0.76	0.43	9.83	OK	0	0
5/07	0	21:30	22.37	3.76			14.02	0.69	0.75	0.45	10.22	OK	0	0
5/08	0.04	08:45	16.46	2.50			9.20	0.56	0.51	0.43	8.25	OK	0	0
5/09	0	12:00	24.13	4.51			15.67	0.68	0.77	0.40	11.12	OK	0	0
5/10	0.45	17:15	23.85	3.63			15.02	0.69	0.80	0.44	10.54	OK	0	0
5/11	0	22:30	21.57	4.78			14.56	0.63	0.77	0.49	9.90	OK	0	0
5/12	0.43	13:45	29.55	6.34			19.99	0.95	1.39	0.61	12.97	OK	0	0
5/13	0	17:45	20.65	4.79			13.92	0.66	0.76	0.40	9.70	OK	0	0
5/14	0.01	20:30	21.32	2.18			14.08	0.68	0.71	0.41	7.63	OK	0	0
5/15	0.33	14:00	25.47	2.48			17.63	0.82	0.93	0.47	8.10	OK	0	0
5/16	0.02	20:30	21.99	4.63			14.40	0.71	0.78	0.42	10.30	OK	0	0
5/17	0	14:45	21.66	4.62			15.35	0.70	0.71	0.39	9.13	OK	0	0
5/18	0.05	10:15	16.89	3.69			9.45	0.60	0.58	0.33	9.62	OK	0	0
5/19	0	19:00	21.66	4.14			14.08	0.62	0.72	0.39	9.99	OK	0	0
5/20	0	19:15	19.77	5.18			13.48	0.60	0.58	0.35	9.95	OK	0	0
5/21	0	12:45	21.13	4.06			14.59	0.68	0.71	0.38	8.85	OK	0	0
5/22	0	22:45	22.82	4.70			14.89	0.70	0.65	0.43	10.84	OK	0	0
5/23	0.64	10:45	25.05	3.38			12.85	0.65	0.76	0.39	13.78	OK	0	0
5/24	0	10:45	20.14	2.39			12.60	0.70	0.80	0.38	8.06	OK	0	0
5/25	0	16:30	20.63	4.87			13.40	0.60	0.73	0.37	10.41	OK	0	0
5/26	0	13:15	21.81	5.13			13.23	0.72	0.82	0.43	11.74	OK	0	0
5/27	0.39	00:30	19.87	5.20			12.73	0.65	0.66	0.35	10.69	OK	0	0
5/28	0	19:15	20.67	3.10			12.78	0.64	0.71	0.37	9.27	OK	0	0
5/29	0.71	21:45	24.68	2.50			13.89	0.63	0.73	0.42	11.51	OK	0	0
5/30	0.16	01:15	27.01	2.60			18.89	0.73	1.00	0.49	8.50	OK	0	0
5/31	0	13:30	21.97	3.87			14.92	0.69	0.78	0.38	9.07	OK	0	0
TOTAL	3.61												Total 0	0
	AVERAGE PEAK FLOW		21.91	3.91	0.00	0.00	14.21	0.68	0.76	0.42				

FLOW RIGHTS UTILIZATION REPORT

Month/Year: May 2024
MEMBER: Roselle Park
FORMULA: METER NO. RV29 - RV30 - RV07

FLOW RIGHTS AVAILABLE (mgd): 1.94
No. OF DAYS WITH EXCEEDANCE: 0
MAX. FLOW: 0.82 AVG. FLOW 0.46

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							
			RV29				RV30 (-15 min)	RV07 (-30 min)						
5/01	0.02	07:15	1.46				0.27	0.58			0.62	OK	0	0
5/02	0	11:15	1.79				0.33	0.64			0.82	OK	0	0
5/03	0	07:30	1.38				0.28	0.60			0.51	OK	0	0
5/04	0	09:00	1.46				0.31	0.60			0.55	OK	0	0
5/05	0.35	11:15	1.56				0.35	0.65			0.57	OK	0	0
5/06	0.01	07:30	1.44				0.31	0.61			0.52	OK	0	0
5/07	0	08:00	1.54				0.33	0.71			0.50	OK	0	0
5/08	0.04	07:30	1.32				0.29	0.60			0.43	OK	0	0
5/09	0	10:15	1.83				0.31	0.71			0.81	OK	0	0
5/10	0.45	07:30	1.53				0.26	0.75			0.52	OK	0	0
5/11	0	01:00	1.29				0.20	0.66			0.43	OK	0	0
5/12	0.43	22:30	1.31				0.30	0.73			0.28	OK	0	0
5/13	0	20:15	1.43				0.33	0.67			0.43	OK	0	0
5/14	0.01	21:45	1.38				0.28	0.63			0.47	OK	0	0
5/15	0.33	19:45	1.54				0.31	0.68			0.56	OK	0	0
5/16	0.02	06:45	1.23				0.24	0.50			0.49	OK	0	0
5/17	0	07:00	1.09				0.24	0.48			0.37	OK	0	0
5/18	0.05	07:00	0.93				0.21	0.41			0.32	OK	0	0
5/19	0	21:15	1.30				0.28	0.59			0.43	OK	0	0
5/20	0	06:45	1.12				0.24	0.48			0.40	OK	0	0
5/21	0	07:30	1.20				0.26	0.65			0.30	OK	0	0
5/22	0	22:00	1.30				0.31	0.66			0.34	OK	0	0
5/23	0.64	10:15	1.51				0.38	0.66			0.46	OK	0	0
5/24	0	06:45	1.04				0.20	0.47			0.37	OK	0	0
5/25	0	20:30	1.14				0.24	0.49			0.41	OK	0	0
5/26	0	10:15	1.23				0.26	0.60			0.37	OK	0	0
5/27	0.39	11:45	1.49				0.33	0.73			0.44	OK	0	0
5/28	0	21:15	1.35				0.28	0.68			0.40	OK	0	0
5/29	0.71	22:15	1.51				0.31	0.77			0.43	OK	0	0
5/30	0.16	18:00	1.28				0.21	0.65			0.43	OK	0	0
5/31	0	21:15	1.28				0.27	0.59			0.42	OK	0	0
TOTAL	3.61												Total 0	0
	AVERAGE PEAK FLOW		1.36		0.00	0.00	0.28	0.62	0.00	0.00				

FLOW RIGHTS UTILIZATION REPORT

Month/Year: May 2024
MEMBER: Scotch Plains
FORMULA: METER NO. RV18 + RV19

FLOW RIGHTS AVAILABLE (mgd): 4.73
No. OF DAYS WITH EXCEEDANCE: 0
MAX. FLOW: 2.67 AVG. FLOW 2.42

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										
5/01	0.02	09:00	1.12	1.25							2.37	OK	0	0
5/02	0	08:45	1.09	1.18							2.27	OK	0	0
5/03	0	21:45	0.96	1.24							2.20	OK	0	0
5/04	0	10:15	0.95	1.27							2.21	OK	0	0
5/05	0.35	20:45	1.16	1.30							2.46	OK	0	0
5/06	0.01	09:30	1.07	1.30							2.37	OK	0	0
5/07	0	08:45	1.13	1.30							2.43	OK	0	0
5/08	0.04	09:00	1.14	1.28							2.41	OK	0	0
5/09	0	08:45	1.13	1.30							2.43	OK	0	0
5/10	0.45	09:30	1.15	1.33							2.48	OK	0	0
5/11	0	11:15	1.10	1.32							2.42	OK	0	0
5/12	0.43	11:30	1.34	1.32							2.66	OK	0	0
5/13	0	21:45	1.15	1.31							2.46	OK	0	0
5/14	0.01	22:30	1.12	1.30							2.42	OK	0	0
5/15	0.33	08:45	1.19	1.32							2.51	OK	0	0
5/16	0.02	08:45	1.14	1.29							2.43	OK	0	0
5/17	0	09:00	1.13	1.29							2.42	OK	0	0
5/18	0.05	13:00	1.04	1.31							2.35	OK	0	0
5/19	0	22:00	1.14	1.30							2.44	OK	0	0
5/20	0	22:00	1.10	1.31							2.42	OK	0	0
5/21	0	08:45	1.16	1.27							2.43	OK	0	0
5/22	0	22:30	1.07	1.29							2.37	OK	0	0
5/23	0.64	09:45	1.03	1.50							2.53	OK	0	0
5/24	0	10:00	1.03	1.34							2.36	OK	0	0
5/25	0	11:45	1.00	1.31							2.31	OK	0	0
5/26	0	11:30	0.95	1.29							2.24	OK	0	0
5/27	0.39	12:15	1.12	1.33							2.45	OK	0	0
5/28	0	22:15	1.16	1.30							2.46	OK	0	0
5/29	0.71	22:00	1.36	1.30							2.67	OK	0	0
5/30	0.16	09:15	1.25	1.28							2.52	OK	0	0
5/31	0	09:00	1.13	1.28							2.41	OK	0	0
TOTAL	3.61												Total 0	0
	AVERAGE PEAK FLOW		1.12	1.30	0.00	0.00	0.00	0.00	0.00	0.00				

FLOW RIGHTS UTILIZATION REPORT

Month/Year: May 2024
MEMBER: Springfield
FORMULA: METER NO. RV01

FLOW RIGHTS AVAILABLE (mgd): 4.39
No. OF DAYS WITH EXCEEDANCE: 0
MAX. FLOW: 4.07 AVG. FLOW 3.45

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											
5/01	0.02	21:45	3.52								3.52	OK	0	0
5/02	0	22:45	3.45								3.45	OK	0	0
5/03	0	10:15	3.34								3.34	OK	0	0
5/04	0	12:00	3.41								3.41	OK	0	0
5/05	0.35	21:30	3.80								3.80	OK	0	0
5/06	0.01	22:15	3.46								3.46	OK	0	0
5/07	0	22:45	3.48								3.48	OK	0	0
5/08	0.04	22:00	3.33								3.33	OK	0	0
5/09	0	10:30	3.29								3.29	OK	0	0
5/10	0.45	10:15	3.47								3.47	OK	0	0
5/11	0	12:15	3.54								3.54	OK	0	0
5/12	0.43	13:30	4.07								4.07	OK	0	0
5/13	0	22:00	3.59								3.59	OK	0	0
5/14	0.01	21:30	3.42								3.42	OK	0	0
5/15	0.33	10:45	3.62								3.62	OK	0	0
5/16	0.02	10:15	3.47								3.47	OK	0	0
5/17	0	10:30	3.30								3.30	OK	0	0
5/18	0.05	14:15	3.36								3.36	OK	0	0
5/19	0	12:30	3.32								3.32	OK	0	0
5/20	0	10:00	3.30								3.30	OK	0	0
5/21	0	22:30	3.36								3.36	OK	0	0
5/22	0	10:45	3.30								3.30	OK	0	0
5/23	0.64	11:45	3.76								3.76	OK	0	0
5/24	0	11:30	3.22								3.22	OK	0	0
5/25	0	12:45	3.05								3.05	OK	0	0
5/26	0	13:15	3.06								3.06	OK	0	0
5/27	0.39	20:30	3.43								3.43	OK	0	0
5/28	0	22:30	3.31								3.31	OK	0	0
5/29	0.71	23:00	3.92								3.92	OK	0	0
5/30	0.16	00:00	3.80								3.80	OK	0	0
5/31	0	10:30	3.20								3.20	OK	0	0
TOTAL	3.61												Total 0	0
	AVERAGE PEAK FLOW		3.45		0.00	0.00	0.00	0.00	0.00	0.00				

FLOW RIGHTS UTILIZATION REPORT

Month/Year: May 2024
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: 5.12 AVG. FLOW 3.98

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)						
5/01	0.02	21:00	0.26	0.39	0.54	4.57	0.94	0.93			3.89	OK	0	0
5/02	0	09:30	0.28	0.34	0.57	4.75	1.09	0.97			3.87	OK	0	0
5/03	0	10:15	0.22	0.34	0.54	4.56	0.99	0.93			3.73	OK	0	0
5/04	0	11:30	0.25	0.31	0.60	4.70	0.93	1.10			3.84	OK	0	0
5/05	0.35	21:30	0.31	0.36	0.58	5.48	1.16	1.02			4.55	OK	0	0
5/06	0.01	21:30	0.25	0.36	0.58	4.79	0.96	0.94			4.08	OK	0	0
5/07	0	09:30	0.23	0.31	0.50	4.82	1.13	0.91			3.82	OK	0	0
5/08	0.04	09:15	0.32	0.29	0.58	4.79	1.03	0.99			3.97	OK	0	0
5/09	0	22:15	0.38	0.28	0.52	4.59	1.05	1.02			3.70	OK	0	0
5/10	0.45	09:45	0.27	0.36	0.62	5.11	1.16	1.03			4.16	OK	0	0
5/11	0	10:45	0.26	0.41	0.65	4.87	0.99	1.02			4.19	OK	0	0
5/12	0.43	12:30	0.31	0.34	0.72	5.89	1.29	1.02			4.94	OK	0	0
5/13	0	22:00	0.24	0.35	0.58	4.97	1.12	1.04			3.97	OK	0	0
5/14	0.01	21:15	0.27	0.33	0.59	4.64	1.01	1.00			3.83	OK	0	0
5/15	0.33	09:00	0.33	0.38	0.69	5.09	1.03	1.04			4.42	OK	0	0
5/16	0.02	09:30	0.22	0.32	0.56	4.95	1.14	0.98			3.93	OK	0	0
5/17	0	09:45	0.22	0.29	0.56	4.81	1.13	1.01			3.74	OK	0	0
5/18	0.05	12:00	0.22	0.31	0.57	4.66	1.05	1.01			3.70	OK	0	0
5/19	0	21:30	0.26	0.33	0.58	4.87	1.09	1.01			3.94	OK	0	0
5/20	0	21:00	0.30	0.34	0.54	4.64	0.97	1.02			3.84	OK	0	0
5/21	0	21:30	0.28	0.33	0.51	4.61	1.01	1.02			3.70	OK	0	0
5/22	0	21:15	0.30	0.33	0.55	4.40	0.93	1.03			3.64	OK	0	0
5/23	0.64	11:00	0.28	0.32	0.76	5.35	1.02	1.33			4.36	OK	0	0
5/24	0	11:30	0.25	0.33	0.61	4.50	1.02	0.98			3.69	OK	0	0
5/25	0	12:45	0.20	0.20	0.54	4.22	0.97	0.94			3.25	OK	0	0
5/26	0	11:45	0.21	0.26	0.52	4.15	0.96	0.99			3.19	OK	0	0
5/27	0.39	21:00	0.34	0.39	0.57	4.81	1.10	1.01			3.99	OK	0	0
5/28	0	22:15	0.29	0.35	0.58	4.81	1.11	1.03			3.88	OK	0	0
5/29	0.71	22:45	0.44	0.43	0.73	5.88	1.36	0.99			5.12	OK	0	0
5/30	0.16	09:15	0.36	0.39	0.68	5.45	1.20	1.00			4.68	OK	0	0
5/31	0	10:00	0.26	0.34	0.59	4.76	1.15	0.98			3.81	OK	0	0
TOTAL	3.61												Total: 0	0
	AVERAGE PEAK FLOW		0.28	0.34	0.59	4.85	1.07	1.01	0.00	0.00				

FLOW RIGHTS UTILIZATION REPORT

Month/Year: May 2024
MEMBER: Woodbridge
FORMULA: METER NO. RV15

FLOW RIGHTS AVAILABLE (mgd): 3.49
No. OF DAYS WITH EXCEEDANCE: 0
MAX. FLOW: 1.42 AVG. FLOW 0.98

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											
5/01	0.02	09:00	0.87								0.87	OK	0	0
5/02	0	21:45	0.85								0.85	OK	0	0
5/03	0	09:45	0.83								0.83	OK	0	0
5/04	0	12:45	0.95								0.95	OK	0	0
5/05	0.35	20:45	1.12								1.12	OK	0	0
5/06	0.01	09:15	0.97								0.97	OK	0	0
5/07	0	09:15	0.90								0.90	OK	0	0
5/08	0.04	09:30	0.89								0.89	OK	0	0
5/09	0	08:45	0.81								0.81	OK	0	0
5/10	0.45	09:45	1.11								1.11	OK	0	0
5/11	0	12:45	1.08								1.08	OK	0	0
5/12	0.43	13:00	1.42								1.42	OK	0	0
5/13	0	09:30	0.93								0.93	OK	0	0
5/14	0.01	09:15	0.90								0.90	OK	0	0
5/15	0.33	09:30	1.12								1.12	OK	0	0
5/16	0.02	09:30	1.07								1.07	OK	0	0
5/17	0	09:30	0.90								0.90	OK	0	0
5/18	0.05	12:15	0.96								0.96	OK	0	0
5/19	0	13:00	0.96								0.96	OK	0	0
5/20	0	22:00	0.78								0.78	OK	0	0
5/21	0	22:00	0.79								0.79	OK	0	0
5/22	0	10:00	0.77								0.77	OK	0	0
5/23	0.64	11:00	1.27								1.27	OK	0	0
5/24	0	10:30	1.19								1.19	OK	0	0
5/25	0	12:00	0.92								0.92	OK	0	0
5/26	0	12:00	0.89								0.89	OK	0	0
5/27	0.39	17:15	1.07								1.07	OK	0	0
5/28	0	14:00	1.04								1.04	OK	0	0
5/29	0.71	22:15	1.09								1.09	OK	0	0
5/30	0.16	09:15	1.11								1.11	OK	0	0
5/31	0	09:30	0.93								0.93	OK	0	0
TOTAL	3.61												Total 0	0
	AVERAGE PEAK FLOW		0.98		0.00	0.00	0.00	0.00	0.00	0.00				