Tuesday, July 18, 2023

Re: Flow Rights Utilization Report - June 2023

Attached for your use please find Flow Rights Utilization Report for June 2023. 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 2023 measuring year.

Member	Flow Rights (MGD)	Current Month		Measuring Year to Date		No. of Days Above Limit (2)		Total Excess Usage for 2023 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 2023 Measuring Year	
Clark	4.95	0.50	2.19	1.09	8.73	0	7	1.59931
Cranford	9.19	2.42	6.89	2.72	15.57	0	5	6.13583
Garwood	3.69	0.67	3.04	1.02	8.89	0	4	0.89297
Kenilworth	2.75	0.85	1.51	0.94	3.07	0	2	0.00746
Mountainside	3.15	0.67	1.49	0.77	2.46	0	0	0
Rahway	17.26	2.81	12.42	4.30	33.81	0	4	3.3846
Roselle Park	1.94	0.26	0.98	0.32	1.93	0	0	0
Scotch Plains	4.73	1.10	2.33	1.22	4.63	0	0	0
Springfield	4.39	2.50	3.54	2.71	7.93	0	13	7.59658
Westfield	10.94	2.63	5.29	3.35	16.80	0	4	3.305
Woodbridge	3.49	0.53	0.99	0.92	6.45	0	9	6.3285

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) The Flow Rights shown above reflect a 5% increase, effective October 1, 2014, per Resolution #14-24 as approved by RVSA Commissioners at their May 15, 2014 Regular Meeting.
(4) Garwood and Springfield Flow Rights reflect a sale of 300,000 GPD effective August 1, 2022 as per Resolution #22-26.

FLOW RIGHTS UTILIZATION REPORT

Month/Year: June 2023
MEMBER: Clark
FORMULA: METER NO. RV11 + RV17 - RV09 - RV10

FLOW RIGHTS AVAILABLE (mgd): 4.95
No. OF DAYS WITH EXCEEDANCE: 0
MAX. FLOW: 2.19 AVG. FLOW 1.51

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)						
6/01	0	10:45	14.25	0.39			3.99	9.11			1.55	OK	0	0
6/02	0	12:00	14.53	0.38			3.69	9.89			1.33	OK	0	0
6/03	0	13:30	14.89	0.42			3.88	9.94			1.49	OK	0	0
6/04	0	13:00	14.83	0.46			4.04	9.92			1.33	OK	0	0
6/05	0	11:45	14.30	0.39			3.50	9.68			1.50	OK	0	0
6/06	0.1	03:30	7.79	0.25			1.81	4.83			1.40	OK	0	0
6/07	0	11:30	14.22	0.40			3.43	9.82			1.36	OK	0	0
6/08	0	23:00	14.11	0.40			3.71	9.55			1.24	OK	0	0
6/09	0	11:45	13.18	0.36			3.54	8.78			1.22	OK	0	0
6/10	0.01	13:30	14.86	0.43			3.63	10.05			1.61	OK	0	0
6/11	0	14:15	14.50	0.46			3.60	9.99			1.37	OK	0	0
6/12	0.34	22:15	16.25	0.54			4.43	10.17			2.19	OK	0	0
6/13	0	11:15	14.47	0.40			3.46	9.66			1.75	OK	0	0
6/14	0.11	20:30	13.25	0.37			3.57	8.74			1.31	OK	0	0
6/15	0	14:15	12.20	0.33			3.08	8.10			1.36	OK	0	0
6/16	0.28	15:30	14.14	0.41			3.74	9.28			1.52	OK	0	0
6/17	0	13:15	14.48	0.42			3.80	9.53			1.57	OK	0	0
6/18	0	12:30	13.54	0.42			3.68	8.88			1.40	OK	0	0
6/19	0	13:30	13.98	0.38			3.25	9.78			1.33	OK	0	0
6/20	0	22:15	12.95	0.40			3.75	8.37			1.23	OK	0	0
6/21	0	13:30	12.57	0.34			3.07	8.53			1.31	OK	0	0
6/22	0	13:45	12.20	0.32			3.19	8.23			1.10	OK	0	0
6/23	0.06	12:30	13.05	0.38			3.43	8.74			1.26	OK	0	0
6/24	0.12	15:15	15.33	0.39			3.55	10.41			1.77	OK	0	0
6/25	0.57	17:00	16.24	0.44			4.28	10.26			2.15	OK	0	0
6/26	0.6	22:45	15.71	0.49			4.04	10.36			1.80	OK	0	0
6/27	0.39	22:00	17.39	0.55			5.17	10.88			1.90	OK	0	0
6/28	0	00:45	16.50	0.41			4.26	10.78			1.88	OK	0	0
6/29	0	12:15	14.18	0.40			3.22	10.00			1.36	OK	0	0
6/30	0	15:30	12.42	0.37			2.83	8.20			1.75	OK	0	0
TOTAL	2.58												Total 0	0
	AVERAGE PEAK FLOW		14.08	0.40	0.00	0.00	3.62	9.35	0.00	0.00				

FLOW RIGHTS UTILIZATION REPORT

Month/Year: June 2023
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: 6.89 AVG. FLOW 3.81

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)					
6/01	0	22:45	10.60	0.64	0.28		4.17	1.88	1.76		3.70	OK	0	0
6/02	0	20:00	9.76	0.62	0.30		3.86	1.65	1.75		3.42	OK	0	0
6/03	0	15:00	9.46	0.60	0.28		4.06	1.73	0.99		3.55	OK	0	0
6/04	0	13:30	10.07	0.64	0.34		4.22	1.85	1.14		3.83	OK	0	0
6/05	0	21:30	9.28	0.61	0.29		3.92	1.84	0.99		3.44	OK	0	0
6/06	0.1	21:45	9.62	0.65	0.30		4.04	1.84	0.96		3.72	OK	0	0
6/07	0	21:45	9.51	0.59	0.32		4.04	1.76	1.00		3.62	OK	0	0
6/08	0	11:30	10.26	0.63	0.29		4.21	1.79	1.73		3.46	OK	0	0
6/09	0	10:15	8.79	0.59	0.31		3.88	1.72	0.96		3.13	OK	0	0
6/10	0.01	14:00	10.39	0.63	0.28		4.20	1.79	1.87		3.44	OK	0	0
6/11	0	22:30	9.70	0.60	0.26		4.09	1.84	0.97		3.67	OK	0	0
6/12	0.34	21:00	10.28	0.78	0.28		3.96	1.85	1.05		4.48	OK	0	0
6/13	0	10:30	10.03	0.62	0.31		4.05	1.69	1.73		3.48	OK	0	0
6/14	0.11	22:30	9.58	0.64	0.28		4.21	1.78	1.01		3.49	OK	0	0
6/15	0	09:15	8.26	0.60	0.29		3.12	1.61	0.95		3.47	OK	0	0
6/16	0.28	15:15	9.71	0.67	0.25		3.88	1.68	0.97		4.09	OK	0	0
6/17	0	12:15	9.47	0.62	0.33		3.88	1.87	1.02		3.65	OK	0	0
6/18	0	20:45	8.86	0.56	0.25		3.49	1.58	0.85		3.74	OK	0	0
6/19	0	12:45	10.08	0.62	0.34		4.04	1.72	1.65		3.63	OK	0	0
6/20	0	22:15	8.93	0.59	0.29		3.83	1.67	0.89		3.42	OK	0	0
6/21	0	21:45	8.99	0.59	0.28		3.69	1.57	1.39		3.21	OK	0	0
6/22	0	10:45	8.77	0.60	0.28		3.76	1.64	0.94		3.31	OK	0	0
6/23	0.06	14:30	9.87	0.62	0.29		3.73	1.66	1.62		3.77	OK	0	0
6/24	0.12	13:45	10.09	0.63	0.30		4.24	1.81	0.98		4.01	OK	0	0
6/25	0.57	14:30	13.03	0.60	0.26		4.04	2.05	0.90		6.89	OK	0	0
6/26	0.6	19:15	10.44	0.69	0.24		3.91	1.95	0.92		4.60	OK	0	0
6/27	0.39	21:45	12.05	0.67	0.25		4.19	2.50	0.96		5.33	OK	0	0
6/28	0	12:00	10.64	0.65	0.24		4.29	1.83	1.69		3.71	OK	0	0
6/29	0	23:15	10.05	0.60	0.27		4.01	1.72	1.65		3.54	OK	0	0
6/30	0	10:15	8.40	0.62	0.31		3.17	1.69	0.90		3.57	OK	0	0
TOTAL	2.58												Total 0	0
	AVERAGE PEAK FLOW		9.83	0.62	0.29	0.00	3.94	1.79	1.21	0.00				

FLOW RIGHTS UTILIZATION REPORT

Month/Year: June 2023
MEMBER: Garwood
FORMULA: METER NO. RV03 - RV04 - RV05 - RV06

FLOW RIGHTS AVAILABLE (mgd): 3.69
No. OF DAYS WITH EXCEEDANCE: 0
MAX. FLOW: 3.04 AVG. FLOW 1.01

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)					
6/01	0	08:15	1.83				0.20	0.31	0.32		1.00	OK	0	0
6/02	0	08:30	1.83				0.22	0.31	0.34		0.95	OK	0	0
6/03	0	11:00	1.86				0.20	0.25	0.47		0.95	OK	0	0
6/04	0	11:30	2.11				0.21	0.26	0.48		1.15	OK	0	0
6/05	0	08:30	1.75				0.19	0.31	0.35		0.90	OK	0	0
6/06	0.1	07:45	1.61				0.16	0.15	0.28		1.02	OK	0	0
6/07	0	08:00	1.66				0.18	0.24	0.28		0.96	OK	0	0
6/08	0	20:00	1.81				0.21	0.29	0.43		0.89	OK	0	0
6/09	0	07:45	1.39				0.14	0.15	0.23		0.86	OK	0	0
6/10	0.01	10:30	1.78				0.23	0.25	0.39		0.91	OK	0	0
6/11	0	11:45	1.86				0.22	0.26	0.47		0.91	OK	0	0
6/12	0.34	20:30	2.06				0.25	0.31	0.43		1.08	OK	0	0
6/13	0	07:45	1.40				0.16	0.14	0.25		0.85	OK	0	0
6/14	0.11	19:30	1.66				0.20	0.21	0.42		0.84	OK	0	0
6/15	0	08:00	1.59				0.20	0.22	0.32		0.85	OK	0	0
6/16	0.28	15:00	1.92				0.21	0.27	0.45		1.00	OK	0	0
6/17	0	10:15	1.83				0.20	0.33	0.38		0.92	OK	0	0
6/18	0	10:30	1.80				0.23	0.21	0.37		0.99	OK	0	0
6/19	0	08:45	1.68				0.21	0.26	0.31		0.91	OK	0	0
6/20	0	08:45	1.78				0.23	0.32	0.37		0.85	OK	0	0
6/21	0	08:30	1.62				0.17	0.26	0.33		0.87	OK	0	0
6/22	0	20:00	1.67				0.20	0.22	0.38		0.88	OK	0	0
6/23	0.06	09:30	1.69				0.19	0.24	0.37		0.89	OK	0	0
6/24	0.12	09:45	1.75				0.24	0.23	0.34		0.94	OK	0	0
6/25	0.57	14:00	3.99				0.27	0.25	0.44		3.04	OK	0	0
6/26	0.6	19:15	2.13				0.23	0.29	0.51		1.11	OK	0	0
6/27	0.39	20:00	2.26				0.29	0.34	0.46		1.17	OK	0	0
6/28	0	07:30	1.59				0.13	0.15	0.36		0.95	OK	0	0
6/29	0	09:00	1.78				0.34	0.26	0.38		0.80	OK	0	0
6/30	0	09:30	1.74				0.26	0.26	0.39		0.83	OK	0	0
TOTAL	2.58												Total 0	0
	AVERAGE PEAK FLOW		1.85		0.00	0.00	0.21	0.25	0.38	0.00				

FLOW RIGHTS UTILIZATION REPORT

Month/Year: June 2023
MEMBER: Kenilworth
FORMULA: METER NO. RV02 + RV07 - RV01 - RV20

FLOW RIGHTS AVAILABLE (mgd): 2.75
No. OF DAYS WITH EXCEEDANCE: 0
MAX. FLOW: 1.51 AVG. FLOW 1.28

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						
6/01	0	07:15	2.82	0.64			1.91	0.40			1.15	OK	0	0
6/02	0	07:30	3.14	0.65			2.06	0.40			1.33	OK	0	0
6/03	0	09:15	3.54	0.64			2.33	0.61			1.25	OK	0	0
6/04	0	09:15	3.31	0.62			2.20	0.45			1.29	OK	0	0
6/05	0	07:45	3.29	0.65			2.11	0.42			1.41	OK	0	0
6/06	0.1	08:00	3.38	0.63			2.20	0.51			1.30	OK	0	0
6/07	0	07:30	3.06	0.65			1.92	0.38			1.40	OK	0	0
6/08	0	08:00	3.33	0.65			2.02	0.49			1.48	OK	0	0
6/09	0	07:45	3.28	0.61			1.96	0.41			1.51	OK	0	0
6/10	0.01	11:00	4.28	0.73			2.90	0.81			1.29	OK	0	0
6/11	0	09:30	3.33	0.64			2.26	0.49			1.22	OK	0	0
6/12	0.34	08:00	3.28	0.66			2.17	0.47			1.30	OK	0	0
6/13	0	07:30	3.07	0.67			1.97	0.40			1.37	OK	0	0
6/14	0.11	08:00	3.43	0.66			2.11	0.47			1.51	OK	0	0
6/15	0	07:45	3.12	0.64			1.94	0.42			1.40	OK	0	0
6/16	0.28	15:00	4.14	0.72			2.73	0.88			1.25	OK	0	0
6/17	0	13:15	4.31	0.72			2.97	0.83			1.23	OK	0	0
6/18	0	12:45	4.28	0.64			2.89	0.83			1.20	OK	0	0
6/19	0	15:15	3.93	0.60			2.58	0.81			1.14	OK	0	0
6/20	0	17:30	3.61	0.64			2.41	0.68			1.16	OK	0	0
6/21	0	07:45	2.71	0.66			1.77	0.37			1.24	OK	0	0
6/22	0	21:45	4.07	0.61			2.56	0.84			1.28	OK	0	0
6/23	0.06	07:45	2.56	0.58			1.70	0.34			1.10	OK	0	0
6/24	0.12	17:15	3.98	0.56			2.67	0.72			1.15	OK	0	0
6/25	0.57	14:00	4.31	0.62			2.83	0.79			1.30	OK	0	0
6/26	0.6	18:00	4.20	0.67			2.83	0.75			1.30	OK	0	0
6/27	0.39	19:15	3.94	0.65			2.53	0.74			1.31	OK	0	0
6/28	0	18:45	3.95	0.59			2.49	0.75			1.30	OK	0	0
6/29	0	12:30	4.20	0.63			2.79	0.83			1.21	OK	0	0
6/30	0	19:45	3.93	0.53			2.64	0.71			1.11	OK	0	0
TOTAL	2.58												Total 0	0
	AVERAGE PEAK FLOW		3.59	0.64	0.00	0.00	2.35	0.60	0.00	0.00				

FLOW RIGHTS UTILIZATION REPORT

Month/Year: June 2023
MEMBER: Mountainside
FORMULA: METER NO. RV20

FLOW RIGHTS AVAILABLE (mgd): 3.15
No. OF DAYS WITH EXCEEDANCE: 0
MAX. FLOW: 1.49 AVG. FLOW 1.00

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											
6/01	0	23:00	0.99								0.99	OK	0	0
6/02	0	20:30	1.02								1.02	OK	0	0
6/03	0	13:30	0.92								0.92	OK	0	0
6/04	0	13:45	0.95								0.95	OK	0	0
6/05	0	09:45	0.98								0.98	OK	0	0
6/06	0.1	22:15	0.98								0.98	OK	0	0
6/07	0	09:45	0.99								0.99	OK	0	0
6/08	0	10:00	0.99								0.99	OK	0	0
6/09	0	10:00	0.97								0.97	OK	0	0
6/10	0.01	12:30	0.90								0.90	OK	0	0
6/11	0	21:45	0.97								0.97	OK	0	0
6/12	0.34	22:00	1.15								1.15	OK	0	0
6/13	0	10:00	0.98								0.98	OK	0	0
6/14	0.11	09:45	0.97								0.97	OK	0	0
6/15	0	10:15	0.94								0.94	OK	0	0
6/16	0.28	16:15	1.04								1.04	OK	0	0
6/17	0	12:00	0.88								0.88	OK	0	0
6/18	0	22:15	0.88								0.88	OK	0	0
6/19	0	12:30	0.95								0.95	OK	0	0
6/20	0	10:00	0.94								0.94	OK	0	0
6/21	0	10:45	0.88								0.88	OK	0	0
6/22	0	21:00	1.03								1.03	OK	0	0
6/23	0.06	13:00	0.93								0.93	OK	0	0
6/24	0.12	11:30	0.89								0.89	OK	0	0
6/25	0.57	21:30	1.25								1.25	OK	0	0
6/26	0.6	15:15	1.05								1.05	OK	0	0
6/27	0.39	21:30	1.49								1.49	OK	0	0
6/28	0	13:15	1.07								1.07	OK	0	0
6/29	0	11:15	1.10								1.10	OK	0	0
6/30	0	11:15	0.85								0.85	OK	0	0
TOTAL	2.58												Total 0	0
	AVERAGE PEAK FLOW		1.00		0.00	0.00	0.00	0.00	0.00	0.00				

FLOW RIGHTS UTILIZATION REPORT

Month/Year: June 2023
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: 12.42 AVG. FLOW 5.72

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)				
6/01	0	19:15	17.11	1.02			11.05	0.63	0.50	0.35	5.60	OK	0	0
6/02	0	11:45	20.74	0.01			13.26	0.66	0.68	0.38	5.77	OK	0	0
6/03	0	12:15	19.28	0.00			12.45	0.64	0.67	0.41	5.12	OK	0	0
6/04	0	05:15	9.73	5.98			7.33	0.39	0.29	0.25	7.45	OK	0	0
6/05	0	23:00	20.27	0.06			12.72	0.63	0.66	0.42	5.91	OK	0	0
6/06	0.1	12:15	19.19	0.58			13.73	0.62	0.60	0.39	4.43	OK	0	0
6/07	0	11:30	19.28	1.06			13.46	0.65	0.69	0.37	5.18	OK	0	0
6/08	0	21:30	16.05	1.86			11.75	0.61	0.59	0.38	4.57	OK	0	0
6/09	0	09:45	15.22	0.72			9.43	0.56	0.47	0.38	5.09	OK	0	0
6/10	0.01	13:00	18.33	1.31			12.89	0.64	0.73	0.44	4.94	OK	0	0
6/11	0	15:15	20.18	2.86			14.50	0.59	0.80	0.46	6.69	OK	0	0
6/12	0.34	20:30	21.19	1.61			12.34	0.61	0.58	0.39	8.89	OK	0	0
6/13	0	09:00	13.62	0.00			7.64	0.50	0.39	0.38	4.72	OK	0	0
6/14	0.11	14:00	20.16	0.01			12.01	0.59	0.60	0.33	6.64	OK	0	0
6/15	0	11:30	18.12	0.00			12.39	0.62	0.69	0.36	4.06	OK	0	0
6/16	0.28	15:30	19.55	0.21			13.57	0.61	0.63	0.38	4.58	OK	0	0
6/17	0	11:30	16.26	0.00			10.05	0.60	0.68	0.42	4.52	OK	0	0
6/18	0	14:00	20.16	0.00			13.24	0.60	0.87	0.41	5.04	OK	0	0
6/19	0	12:00	18.42	0.00			12.12	0.60	0.56	0.35	4.78	OK	0	0
6/20	0	00:15	20.93	0.00			14.28	0.54	0.69	0.40	5.02	OK	0	0
6/21	0	12:15	17.50	0.54			12.18	0.59	0.69	0.35	4.24	OK	0	0
6/22	0	22:00	17.30	3.37			12.08	0.58	0.54	0.36	7.11	OK	0	0
6/23	0.06	00:45	17.55	1.58			11.47	0.52	0.52	0.33	6.29	OK	0	0
6/24	0.12	14:45	20.81	1.07			14.63	0.65	0.78	0.45	5.38	OK	0	0
6/25	0.57	18:00	21.07	9.35			16.24	0.59	0.73	0.44	12.42	OK	0	0
6/26	0.6	13:30	18.65	1.17			12.76	0.63	0.67	0.36	5.41	OK	0	0
6/27	0.39	12:15	20.53	1.00			13.43	0.66	0.74	0.41	6.30	OK	0	0
6/28	0	09:30	15.12	1.53			9.88	0.53	0.50	0.39	5.35	OK	0	0
6/29	0	17:45	16.63	0.00			10.69	0.61	0.57	0.35	4.42	OK	0	0
6/30	0	15:30	18.41	1.80			13.04	0.56	0.66	0.37	5.58	OK	0	0
TOTAL	2.58												Total 0	0
	AVERAGE PEAK FLOW		18.24	1.29	0.00	0.00	12.22	0.59	0.63	0.38				

FLOW RIGHTS UTILIZATION REPORT

Month/Year: June 2023
MEMBER: Roselle Park
FORMULA: METER NO. RV29 - RV30 - RV07

FLOW RIGHTS AVAILABLE (mgd): 1.94
No. OF DAYS WITH EXCEEDANCE: 0
MAX. FLOW: 0.98 AVG. FLOW 0.91

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							
			RV29				RV30 (-15 min)	RV07 (-30 min)						
6/01	0	03:15	1.46				0.18	0.40			0.88	OK	0	0
6/02	0	19:15	1.90				0.32	0.63			0.95	OK	0	0
6/03	0	10:15	1.89				0.30	0.67			0.92	OK	0	0
6/04	0	10:00	1.86				0.30	0.64			0.91	OK	0	0
6/05	0	02:15	1.48				0.19	0.39			0.90	OK	0	0
6/06	0.1	23:45	1.69				0.25	0.53			0.92	OK	0	0
6/07	0	09:15	1.78				0.28	0.60			0.90	OK	0	0
6/08	0	01:45	1.55				0.20	0.41			0.94	OK	0	0
6/09	0	06:45	1.58				0.20	0.44			0.94	OK	0	0
6/10	0.01	13:15	1.90				0.30	0.66			0.93	OK	0	0
6/11	0	20:30	1.78				0.27	0.58			0.94	OK	0	0
6/12	0.34	03:00	1.41				0.16	0.37			0.89	OK	0	0
6/13	0	08:15	1.78				0.28	0.64			0.87	OK	0	0
6/14	0.11	07:30	1.72				0.25	0.55			0.93	OK	0	0
6/15	0	14:30	1.67				0.24	0.59			0.84	OK	0	0
6/16	0.28	21:30	1.78				0.28	0.63			0.87	OK	0	0
6/17	0	07:00	1.50				0.21	0.42			0.87	OK	0	0
6/18	0	08:45	1.64				0.22	0.50			0.92	OK	0	0
6/19	0	12:00	1.75				0.31	0.57			0.87	OK	0	0
6/20	0	06:45	1.50				0.19	0.47			0.84	OK	0	0
6/21	0	22:15	1.77				0.25	0.62			0.91	OK	0	0
6/22	0	08:30	1.76				0.27	0.60			0.88	OK	0	0
6/23	0.06	21:00	1.69				0.25	0.55			0.90	OK	0	0
6/24	0.12	13:45	1.86				0.26	0.63			0.97	OK	0	0
6/25	0.57	08:30	1.54				0.17	0.40			0.97	OK	0	0
6/26	0.6	23:15	1.74				0.24	0.59			0.91	OK	0	0
6/27	0.39	22:30	1.84				0.25	0.61			0.98	OK	0	0
6/28	0	20:45	1.76				0.26	0.55			0.95	OK	0	0
6/29	0	05:45	1.51				0.16	0.42			0.94	OK	0	0
6/30	0	06:30	1.47				0.18	0.39			0.91	OK	0	0
TOTAL	2.58												Total 0	0
	AVERAGE PEAK FLOW		1.69		0.00	0.00	0.24	0.53	0.00	0.00				

FLOW RIGHTS UTILIZATION REPORT

Month/Year: June 2023
MEMBER: Scotch Plains
FORMULA: METER NO. RV18 + RV19

FLOW RIGHTS AVAILABLE (mgd): 4.73
No. OF DAYS WITH EXCEEDANCE: 0
MAX. FLOW: 2.33 AVG. FLOW 1.84

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										
6/01	0	08:45	1.03	0.41							1.44	OK	0	0
6/02	0	19:45	0.88	0.52							1.41	OK	0	0
6/03	0	13:00	1.01	0.60							1.61	OK	0	0
6/04	0	21:00	1.14	0.60							1.74	OK	0	0
6/05	0	09:30	1.02	0.77							1.79	OK	0	0
6/06	0.1	08:30	1.03	0.75							1.78	OK	0	0
6/07	0	23:15	1.01	0.66							1.68	OK	0	0
6/08	0	21:45	1.01	0.75							1.76	OK	0	0
6/09	0	10:00	1.02	0.73							1.75	OK	0	0
6/10	0.01	11:45	1.01	0.80							1.81	OK	0	0
6/11	0	22:15	1.08	0.71							1.78	OK	0	0
6/12	0.34	19:30	1.00	0.94							1.94	OK	0	0
6/13	0	20:45	1.15	0.74							1.89	OK	0	0
6/14	0.11	09:15	1.10	0.82							1.92	OK	0	0
6/15	0	09:15	1.19	0.77							1.95	OK	0	0
6/16	0.28	08:45	1.13	0.77							1.90	OK	0	0
6/17	0	13:30	1.11	0.72							1.83	OK	0	0
6/18	0	12:15	1.13	0.83							1.96	OK	0	0
6/19	0	10:00	1.08	0.73							1.81	OK	0	0
6/20	0	10:15	1.03	0.77							1.80	OK	0	0
6/21	0	08:45	1.00	0.77							1.77	OK	0	0
6/22	0	10:15	1.06	0.74							1.80	OK	0	0
6/23	0.06	13:30	1.12	0.77							1.89	OK	0	0
6/24	0.12	13:30	1.19	0.84							2.03	OK	0	0
6/25	0.57	13:45	1.08	1.25							2.33	OK	0	0
6/26	0.6	22:30	1.14	0.94							2.08	OK	0	0
6/27	0.39	20:15	1.19	0.86							2.05	OK	0	0
6/28	0	09:30	1.15	0.85							2.00	OK	0	0
6/29	0	09:00	1.17	0.79							1.96	OK	0	0
6/30	0	10:30	1.06	0.80							1.86	OK	0	0
TOTAL	2.58												Total 0	0
	AVERAGE PEAK FLOW		1.08	0.77	0.00	0.00	0.00	0.00	0.00	0.00				

FLOW RIGHTS UTILIZATION REPORT

Month/Year: June 2023
MEMBER: Springfield
FORMULA: METER NO. RV01

FLOW RIGHTS AVAILABLE (mgd): 4.39
No. OF DAYS WITH EXCEEDANCE: 0
MAX. FLOW: 3.54 AVG. FLOW 3.17

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											
6/01	0	22:30	3.28								3.28	OK	0	0
6/02	0	11:45	3.31								3.31	OK	0	0
6/03	0	12:30	3.19								3.19	OK	0	0
6/04	0	22:30	3.24								3.24	OK	0	0
6/05	0	22:30	3.17								3.17	OK	0	0
6/06	0.1	21:30	3.15								3.15	OK	0	0
6/07	0	11:45	3.23								3.23	OK	0	0
6/08	0	21:45	3.12								3.12	OK	0	0
6/09	0	10:15	3.11								3.11	OK	0	0
6/10	0.01	11:30	3.11								3.11	OK	0	0
6/11	0	13:30	3.19								3.19	OK	0	0
6/12	0.34	21:45	3.37								3.37	OK	0	0
6/13	0	00:00	3.27								3.27	OK	0	0
6/14	0.11	21:45	3.14								3.14	OK	0	0
6/15	0	09:45	3.17								3.17	OK	0	0
6/16	0.28	16:30	3.26								3.26	OK	0	0
6/17	0	12:45	3.21								3.21	OK	0	0
6/18	0	13:00	3.07								3.07	OK	0	0
6/19	0	11:45	3.08								3.08	OK	0	0
6/20	0	10:00	3.01								3.01	OK	0	0
6/21	0	10:15	2.92								2.92	OK	0	0
6/22	0	10:15	2.94								2.94	OK	0	0
6/23	0.06	14:00	3.04								3.04	OK	0	0
6/24	0.12	13:15	3.22								3.22	OK	0	0
6/25	0.57	21:45	3.11								3.11	OK	0	0
6/26	0.6	20:15	3.46								3.46	OK	0	0
6/27	0.39	23:15	3.54								3.54	OK	0	0
6/28	0	00:00	3.34								3.34	OK	0	0
6/29	0	10:15	2.97								2.97	OK	0	0
6/30	0	10:15	2.99								2.99	OK	0	0
TOTAL	2.58												Total 0	0
	AVERAGE PEAK FLOW		3.17		0.00	0.00	0.00	0.00	0.00	0.00				

FLOW RIGHTS UTILIZATION REPORT

Month/Year: June 2023
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: 5.29 AVG. FLOW 3.78

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)						
6/01	0	10:00	0.23	0.30	0.51	4.07	0.99	0.34			3.78	OK	0	0
6/02	0	09:45	0.21	0.36	0.51	4.02	0.97	0.41			3.71	OK	0	0
6/03	0	11:45	0.20	0.29	0.53	3.88	0.98	0.17			3.74	OK	0	0
6/04	0	22:15	0.22	0.32	0.40	4.13	1.10	0.00			3.98	OK	0	0
6/05	0	09:45	0.25	0.31	0.48	3.86	1.05	0.00			3.85	OK	0	0
6/06	0.1	09:45	0.19	0.27	0.46	3.87	1.05	0.00			3.75	OK	0	0
6/07	0	09:30	0.22	0.32	0.47	4.10	1.03	0.38			3.70	OK	0	0
6/08	0	21:00	0.27	0.32	0.46	3.73	0.97	0.00			3.81	OK	0	0
6/09	0	10:15	0.20	0.29	0.45	3.76	1.03	0.00			3.68	OK	0	0
6/10	0.01	12:00	0.22	0.30	0.47	3.75	1.02	0.00			3.72	OK	0	0
6/11	0	11:45	0.22	0.28	0.44	3.82	1.02	0.05			3.69	OK	0	0
6/12	0.34	21:45	0.26	0.40	0.55	4.43	1.14	0.39			4.11	OK	0	0
6/13	0	09:45	0.21	0.28	0.46	3.81	1.14	0.01			3.61	OK	0	0
6/14	0.11	10:00	0.24	0.28	0.43	3.76	1.10	0.00			3.61	OK	0	0
6/15	0	09:30	0.21	0.32	0.44	3.76	1.07	0.00			3.66	OK	0	0
6/16	0.28	16:30	0.23	0.27	0.48	3.87	1.06	0.00			3.79	OK	0	0
6/17	0	13:45	0.26	0.23	0.49	3.64	1.09	0.06			3.48	OK	0	0
6/18	0	13:00	0.21	0.26	0.51	3.80	1.13	0.00			3.66	OK	0	0
6/19	0	21:30	0.26	0.31	0.45	3.96	0.97	0.19			3.82	OK	0	0
6/20	0	22:00	0.18	0.29	0.43	3.65	1.02	0.00			3.53	OK	0	0
6/21	0	09:30	0.25	0.32	0.43	3.43	1.00	0.00			3.43	OK	0	0
6/22	0	10:30	0.23	0.33	0.40	3.40	1.05	0.00			3.31	OK	0	0
6/23	0.06	10:45	0.27	0.30	0.48	3.49	1.00	0.10			3.44	OK	0	0
6/24	0.12	13:15	0.23	0.31	0.44	3.89	1.21	0.15			3.51	OK	0	0
6/25	0.57	14:45	0.26	0.30	0.65	4.74	1.08	0.26			4.61	OK	0	0
6/26	0.6	20:30	0.30	0.36	0.76	4.24	1.04	0.11			4.52	OK	0	0
6/27	0.39	21:00	0.39	0.47	0.79	5.10	1.19	0.26			5.29	OK	0	0
6/28	0	09:45	0.27	0.32	0.53	4.06	1.13	0.00			4.06	OK	0	0
6/29	0	21:15	0.25	0.30	0.44	3.54	1.18	0.04			3.30	OK	0	0
6/30	0	11:15	0.26	0.23	0.47	3.48	1.06	0.00			3.37	OK	0	0
TOTAL	2.58												Total 0	0
	AVERAGE PEAK FLOW		0.24	0.31	0.49	3.90	1.06	0.10	0.00	0.00				

FLOW RIGHTS UTILIZATION REPORT

Month/Year: June 2023
MEMBER: Woodbridge
FORMULA: METER NO. RV15

FLOW RIGHTS AVAILABLE (mgd): 3.49
No. OF DAYS WITH EXCEEDANCE: 0
MAX. FLOW: 0.99 AVG. FLOW 0.77

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											
6/01	0	22:30	0.69								0.69	OK	0	0
6/02	0	09:30	0.71								0.71	OK	0	0
6/03	0	12:45	0.78								0.78	OK	0	0
6/04	0	13:00	0.80								0.80	OK	0	0
6/05	0	22:30	0.67								0.67	OK	0	0
6/06	0.1	22:30	0.73								0.73	OK	0	0
6/07	0	09:15	0.72								0.72	OK	0	0
6/08	0	22:15	0.70								0.70	OK	0	0
6/09	0	10:00	0.72								0.72	OK	0	0
6/10	0.01	12:30	0.79								0.79	OK	0	0
6/11	0	12:15	0.82								0.82	OK	0	0
6/12	0.34	22:30	0.99								0.99	OK	0	0
6/13	0	09:15	0.74								0.74	OK	0	0
6/14	0.11	23:00	0.72								0.72	OK	0	0
6/15	0	09:15	0.74								0.74	OK	0	0
6/16	0.28	16:15	0.81								0.81	OK	0	0
6/17	0	13:30	0.92								0.92	OK	0	0
6/18	0	12:15	0.87								0.87	OK	0	0
6/19	0	11:00	0.96								0.96	OK	0	0
6/20	0	22:30	0.74								0.74	OK	0	0
6/21	0	09:45	0.74								0.74	OK	0	0
6/22	0	10:45	0.60								0.60	OK	0	0
6/23	0.06	11:30	0.69								0.69	OK	0	0
6/24	0.12	12:00	0.84								0.84	OK	0	0
6/25	0.57	12:15	0.84								0.84	OK	0	0
6/26	0.6	14:00	0.79								0.79	OK	0	0
6/27	0.39	21:30	0.91								0.91	OK	0	0
6/28	0	00:00	0.75								0.75	OK	0	0
6/29	0	21:15	0.68								0.68	OK	0	0
6/30	0	12:00	0.71								0.71	OK	0	0
TOTAL	2.58												Total 0	0
	AVERAGE PEAK FLOW		0.77		0.00	0.00	0.00	0.00	0.00	0.00				