Monday, April 18, 2022

Re: Flow Rights Utilization Report - March 2022

Attached for your use please find Flow Rights Utilization Report for March 2022. 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 2022 measuring year.

Member	Flow Rights (MGD)	Current Month		Measuring Year to Date		No. of Days Above Limit (2)		Total Excess Usage for 2022 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 2022 Measuring Year	
Clark	4.95	1.80	4.36	1.60	13.56	0	4	1.6917
Cranford	9.19	3.13	5.44	2.78	13.52	0	2	0.60644
Garwood	3.99	0.80	1.66	0.76	5.84	0	1	0.06846
Kenilworth	2.75	0.79	1.41	0.82	2.94	0	1	0.00216
Mountainside	3.15	0.72	1.13	0.74	2.12	0	0	0
Rahway	17.26	3.81	14.51	4.02	26.95	0	3	0.38524
Roselle Park	1.94	0.16	0.95	0.20	1.36	0	0	0
Scotch Plains	4.73	1.23	1.77	1.12	5.43	0	1	0.02669
Springfield	4.09	2.57	3.78	2.56	6.71	0	6	1.69081
Westfield	10.94	3.36	5.95	3.33	14.54	0	1	0.42782
Woodbridge	3.49	1.03	2.15	0.93	6.71	0	4	1.99216

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 100,000 GPD effective July 1, 2020 as per Resolution #20-24.

FLOW RIGHTS UTILIZATION REPORT

Month/Year: March 2022
MEMBER: Clark
FORMULA: METER NO. RV11 + RV17 - RV09 - RV10

FLOW RIGHTS AVAILABLE (mgd): 4.95
No. OF DAYS WITH EXCEEDANCE: 0
MAX. FLOW: 4.36 AVG. FLOW 3.06

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)						
3/01	0	19:45	15.46	0.46			4.02	8.71			3.19	OK	0	0
3/02	0	18:30	15.31	0.41			3.45	8.38			3.89	OK	0	0
3/03	0.1	17:30	14.63	0.37			3.43	8.25			3.32	OK	0	0
3/04	0	11:30	16.48	0.44			4.21	9.98			2.73	OK	0	0
3/05	0	14:15	17.00	0.46			4.41	10.18			2.87	OK	0	0
3/06	0.04	14:45	16.73	0.47			4.32	9.64			3.24	OK	0	0
3/07	0.07	13:00	15.04	0.42			3.72	9.15			2.59	OK	0	0
3/08	0	11:45	14.98	0.39			3.85	8.73			2.79	OK	0	0
3/09	0.59	17:45	19.65	0.56			4.88	11.53			3.81	OK	0	0
3/10	0.02	10:00	17.34	0.53			4.68	10.22			2.97	OK	0	0
3/11	0	13:00	16.09	0.43			4.19	9.27			3.06	OK	0	0
3/12	0.31	15:30	22.23	0.63			5.70	12.80			4.36	OK	0	0
3/13	0.06	13:45	18.48	0.54			4.98	10.25			3.79	OK	0	0
3/14	0.01	15:00	15.74	0.48			3.98	8.83			3.41	OK	0	0
3/15	0	00:00	16.08	0.50			4.28	9.04			3.26	OK	0	0
3/16	0	11:30	16.04	0.47			4.32	9.49			2.69	OK	0	0
3/17	0.12	21:15	16.55	0.50			4.43	9.59			3.03	OK	0	0
3/18	0	14:30	15.34	0.41			3.83	9.09			2.84	OK	0	0
3/19	0.1	15:00	16.89	0.56			4.29	10.06			3.10	OK	0	0
3/20	0	13:45	17.30	0.52			4.56	10.18			3.08	OK	0	0
3/21	0	23:45	15.38	0.42			4.09	9.00			2.71	OK	0	0
3/22	0	20:30	15.07	0.47			3.71	8.97			2.86	OK	0	0
3/23	0.08	21:00	14.75	0.45			3.92	8.79			2.48	OK	0	0
3/24	0.69	10:30	19.17	0.52			5.21	11.43			3.06	OK	0	0
3/25	0.09	10:45	17.77	0.52			4.97	10.19			3.14	OK	0	0
3/26	0	11:15	16.60	0.49			4.52	9.75			2.84	OK	0	0
3/27	0	17:00	16.34	0.47			3.82	10.18			2.82	OK	0	0
3/28	0	22:45	16.07	0.46			4.34	9.32			2.87	OK	0	0
3/29	0	00:00	14.75	0.44			3.86	8.72			2.62	OK	0	0
3/30	0	11:15	15.67	0.42			4.07	9.42			2.59	OK	0	0
3/31	0.12	12:00	15.13	0.43			3.78	9.01			2.77	OK	0	0
TOTAL	2.40											Total	0	0
	AVERAGE PEAK FLOW		16.45	0.47	0.00	0.00	4.25	9.62	0.00	0.00				

FLOW RIGHTS UTILIZATION REPORT

Month/Year: March 2022
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: 5.44 AVG. FLOW 4.29

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)					
3/01	0	21:00	9.94	0.81	0.28		3.82	2.15	1.05		4.02	OK	0	0
3/02	0	21:15	10.15	0.81	0.35		3.84	2.05	1.13		4.28	OK	0	0
3/03	0.1	09:15	9.06	0.80	0.29		2.92	2.03	1.02		4.17	OK	0	0
3/04	0	09:45	8.89	0.77	0.30		2.98	2.04	0.93		4.01	OK	0	0
3/05	0	11:15	9.61	0.84	0.32		3.31	2.05	1.29		4.12	OK	0	0
3/06	0.04	20:00	9.77	0.75	0.30		3.54	1.97	1.03		4.29	OK	0	0
3/07	0.07	09:15	8.74	0.73	0.31		2.67	1.95	1.07		4.09	OK	0	0
3/08	0	21:30	9.78	0.74	0.29		3.62	1.96	1.07		4.16	OK	0	0
3/09	0.59	19:15	12.26	0.97	0.35		4.43	2.46	1.26		5.44	OK	0	0
3/10	0.02	09:00	9.67	0.81	0.34		2.85	2.16	1.12		4.69	OK	0	0
3/11	0	10:00	9.94	0.82	0.33		3.42	2.21	1.44		4.04	OK	0	0
3/12	0.31	13:45	12.76	1.05	0.39		4.63	2.95	1.26		5.36	OK	0	0
3/13	0.06	12:45	10.87	0.87	0.34		3.74	2.31	1.89		4.15	OK	0	0
3/14	0.01	09:00	8.37	0.80	0.31		2.68	1.82	1.01		3.98	OK	0	0
3/15	0	21:15	9.88	0.81	0.35		3.75	2.18	1.03		4.08	OK	0	0
3/16	0	15:00	9.48	0.76	0.27		3.63	1.88	0.91		4.09	OK	0	0
3/17	0.12	12:45	10.35	0.82	0.32		3.97	2.13	1.00		4.38	OK	0	0
3/18	0	12:45	9.88	0.76	0.33		3.96	2.06	0.90		4.05	OK	0	0
3/19	0.1	11:30	9.43	0.79	0.34		3.30	2.08	1.02		4.16	OK	0	0
3/20	0	14:15	10.76	0.81	0.33		4.09	2.23	1.10		4.48	OK	0	0
3/21	0	11:45	9.97	0.74	0.31		3.82	2.05	1.25		3.91	OK	0	0
3/22	0	21:30	9.76	0.75	0.31		3.69	2.10	1.10		3.94	OK	0	0
3/23	0.08	09:00	8.15	0.71	0.31		2.53	1.80	0.95		3.89	OK	0	0
3/24	0.69	09:00	11.33	0.91	0.31		3.31	2.47	1.99		4.78	OK	0	0
3/25	0.09	09:15	9.80	0.93	0.32		3.02	2.23	1.14		4.65	OK	0	0
3/26	0	12:00	11.07	0.95	0.37		3.71	2.44	1.34		4.91	OK	0	0
3/27	0	14:00	10.70	0.87	0.33		4.01	2.37	1.03		4.48	OK	0	0
3/28	0	10:30	9.35	0.82	0.30		3.30	2.16	0.99		4.02	OK	0	0
3/29	0	20:45	9.43	0.79	0.32		3.31	2.11	1.08		4.03	OK	0	0
3/30	0	08:45	8.16	0.76	0.26		2.36	1.69	0.88		4.24	OK	0	0
3/31	0.12	20:30	9.70	0.76	0.29		3.59	1.83	1.19		4.14	OK	0	0
TOTAL	2.40											Total	0	0
	AVERAGE PEAK FLOW		9.90	0.82	0.32	0.00	3.48	2.13	1.14	0.00				

FLOW RIGHTS UTILIZATION REPORT

Month/Year: March 2022
MEMBER: Garwood
FORMULA: METER NO. RV03 - RV04 - RV05 - RV06

FLOW RIGHTS AVAILABLE (mgd): 3.99
No. OF DAYS WITH EXCEEDANCE: 0
MAX. FLOW: 1.66 AVG. FLOW 1.12

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							
			RV03				RV04 (-45 min)	RV05 (-45 min)	RV06 (-60 min)					
3/01	0	12:15	2.31				0.19	0.29	0.60		1.23	OK	0	0
3/02	0	08:00	1.89				0.18	0.27	0.40		1.04	OK	0	0
3/03	0.1	07:45	1.88				0.17	0.26	0.39		1.07	OK	0	0
3/04	0	08:00	1.83				0.21	0.24	0.38		1.00	OK	0	0
3/05	0	11:15	2.22				0.30	0.37	0.53		1.03	OK	0	0
3/06	0.04	11:00	2.15				0.24	0.33	0.52		1.06	OK	0	0
3/07	0.07	07:45	1.77				0.16	0.17	0.35		1.09	OK	0	0
3/08	0	08:00	1.90				0.19	0.27	0.40		1.03	OK	0	0
3/09	0.59	14:45	2.54				0.21	0.33	0.69		1.31	OK	0	0
3/10	0.02	08:00	2.16				0.21	0.30	0.49		1.16	OK	0	0
3/11	0	08:00	2.06				0.20	0.27	0.46		1.14	OK	0	0
3/12	0.31	13:45	3.22				0.29	0.45	0.83		1.66	OK	0	0
3/13	0.06	10:30	2.22				0.23	0.32	0.49		1.18	OK	0	0
3/14	0.01	13:30	2.34				0.26	0.29	0.64		1.16	OK	0	0
3/15	0	08:15	2.04				0.21	0.28	0.46		1.09	OK	0	0
3/16	0	08:00	1.90				0.19	0.22	0.42		1.07	OK	0	0
3/17	0.12	21:30	2.33				0.27	0.39	0.59		1.08	OK	0	0
3/18	0	08:45	2.17				0.23	0.31	0.48		1.15	OK	0	0
3/19	0.1	10:45	2.21				0.25	0.27	0.58		1.12	OK	0	0
3/20	0	10:30	2.28				0.25	0.36	0.55		1.12	OK	0	0
3/21	0	07:45	1.72				0.17	0.17	0.38		1.00	OK	0	0
3/22	0	20:15	2.13				0.25	0.31	0.56		1.00	OK	0	0
3/23	0.08	08:00	1.80				0.16	0.26	0.36		1.01	OK	0	0
3/24	0.69	08:15	2.66				0.32	0.38	0.62		1.34	OK	0	0
3/25	0.09	08:15	2.23				0.23	0.35	0.49		1.16	OK	0	0
3/26	0	10:00	2.27				0.25	0.32	0.51		1.19	OK	0	0
3/27	0	10:45	2.22				0.24	0.36	0.49		1.14	OK	0	0
3/28	0	08:15	1.90				0.22	0.31	0.42		0.96	OK	0	0
3/29	0	08:00	1.87				0.19	0.22	0.40		1.07	OK	0	0
3/30	0	08:15	2.03				0.21	0.30	0.42		1.09	OK	0	0
3/31	0.12	08:00	1.83				0.19	0.24	0.36		1.05	OK	0	0
TOTAL	2.40												Total 0	0
	AVERAGE PEAK FLOW		2.13		0.00	0.00	0.22	0.30	0.49	0.00				

FLOW RIGHTS UTILIZATION REPORT

Month/Year: March 2022
MEMBER: Kenilworth
FORMULA: METER NO. RV02 + RV07 - RV01 - RV20

FLOW RIGHTS AVAILABLE (mgd): 2.75
No. OF DAYS WITH EXCEEDANCE: 0
MAX. FLOW: 1.41 AVG. FLOW 1.13

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						
3/01	0	07:45	2.97	0.74			2.19	0.46			1.06	OK	0	0
3/02	0	07:30	2.83	0.69			1.94	0.40			1.17	OK	0	0
3/03	0.1	07:45	2.92	0.68			2.17	0.48			0.96	OK	0	0
3/04	0	07:30	2.55	0.69			1.81	0.45			0.98	OK	0	0
3/05	0	12:30	4.33	0.74			3.01	0.97			1.09	OK	0	0
3/06	0.04	14:30	4.29	0.73			3.02	0.93			1.07	OK	0	0
3/07	0.07	20:15	4.12	0.65			2.87	0.85			1.05	OK	0	0
3/08	0	07:15	2.40	0.62			1.55	0.41			1.06	OK	0	0
3/09	0.59	14:00	4.20	0.90			2.82	0.95			1.32	OK	0	0
3/10	0.02	18:00	3.74	0.73			2.78	0.73			0.96	OK	0	0
3/11	0	07:30	2.76	0.71			1.94	0.42			1.10	OK	0	0
3/12	0.31	12:45	4.84	0.93			3.43	1.09			1.24	OK	0	0
3/13	0.06	12:15	4.25	0.79			2.99	0.96			1.09	OK	0	0
3/14	0.01	21:45	4.29	0.79			3.03	0.96			1.07	OK	0	0
3/15	0	08:00	2.93	0.79			2.11	0.50			1.11	OK	0	0
3/16	0	07:30	2.50	0.75			1.82	0.40			1.03	OK	0	0
3/17	0.12	11:45	4.57	0.79			2.98	0.97			1.41	OK	0	0
3/18	0	15:30	3.73	0.73			2.39	0.82			1.24	OK	0	0
3/19	0.1	08:45	2.59	0.69			1.76	0.41			1.12	OK	0	0
3/20	0	12:00	4.12	0.88			2.88	0.95			1.17	OK	0	0
3/21	0	08:00	2.78	0.77			1.94	0.48			1.13	OK	0	0
3/22	0	08:00	2.83	0.69			1.67	0.48			1.37	OK	0	0
3/23	0.08	19:00	3.54	0.76			2.46	0.69			1.15	OK	0	0
3/24	0.69	07:45	3.46	0.92			2.53	0.62			1.23	OK	0	0
3/25	0.09	07:45	3.02	0.82			2.22	0.51			1.10	OK	0	0
3/26	0	09:15	3.06	0.80			2.15	0.55			1.17	OK	0	0
3/27	0	11:45	4.07	0.83			2.83	0.88			1.19	OK	0	0
3/28	0	07:45	2.75	0.71			1.85	0.46			1.15	OK	0	0
3/29	0	19:00	3.55	0.74			2.55	0.72			1.02	OK	0	0
3/30	0	07:45	2.64	0.77			1.89	0.42			1.10	OK	0	0
3/31	0.12	20:00	3.80	0.75			2.68	0.82			1.06	OK	0	0
TOTAL	2.40											Total	0	0
	AVERAGE PEAK FLOW		3.43	0.76	0.00	0.00	2.39	0.67	0.00	0.00				

FLOW RIGHTS UTILIZATION REPORT

Month/Year: March 2022
MEMBER: Mountainside
FORMULA: METER NO. RV20

FLOW RIGHTS AVAILABLE (mgd): 3.15
No. OF DAYS WITH EXCEEDANCE: 0
MAX. FLOW: 1.13 AVG. FLOW 1.02

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											
3/01	0	09:45	1.04								1.04	OK	0	0
3/02	0	09:45	1.01								1.01	OK	0	0
3/03	0.1	09:30	1.06								1.06	OK	0	0
3/04	0	10:15	1.05								1.05	OK	0	0
3/05	0	12:30	0.97								0.97	OK	0	0
3/06	0.04	12:45	1.01								1.01	OK	0	0
3/07	0.07	10:15	1.05								1.05	OK	0	0
3/08	0	09:45	1.02								1.02	OK	0	0
3/09	0.59	21:15	1.11								1.11	OK	0	0
3/10	0.02	09:30	1.02								1.02	OK	0	0
3/11	0	09:45	1.05								1.05	OK	0	0
3/12	0.31	15:00	1.13								1.13	OK	0	0
3/13	0.06	13:45	1.04								1.04	OK	0	0
3/14	0.01	09:45	1.00								1.00	OK	0	0
3/15	0	10:15	1.00								1.00	OK	0	0
3/16	0	10:00	1.00								1.00	OK	0	0
3/17	0.12	11:15	1.00								1.00	OK	0	0
3/18	0	10:15	1.01								1.01	OK	0	0
3/19	0.1	13:00	0.98								0.98	OK	0	0
3/20	0	12:30	1.00								1.00	OK	0	0
3/21	0	10:45	0.99								0.99	OK	0	0
3/22	0	10:00	0.97								0.97	OK	0	0
3/23	0.08	09:45	0.97								0.97	OK	0	0
3/24	0.69	09:45	1.08								1.08	OK	0	0
3/25	0.09	10:00	1.06								1.06	OK	0	0
3/26	0	12:45	0.99								0.99	OK	0	0
3/27	0	22:00	0.97								0.97	OK	0	0
3/28	0	10:30	1.01								1.01	OK	0	0
3/29	0	09:45	0.99								0.99	OK	0	0
3/30	0	09:30	1.02								1.02	OK	0	0
3/31	0.12	10:15	1.00								1.00	OK	0	0
TOTAL	2.40											Total	0	0
	AVERAGE PEAK FLOW		1.02		0.00	0.00	0.00	0.00	0.00	0.00				

FLOW RIGHTS UTILIZATION REPORT

Month/Year: March 2022
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: 14.51 AVG. FLOW 5.94

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	RV17 (-60 min)				
3/01	0	09:30	18.59	0.00			9.40	0.78	1.05	0.39	6.97	OK	0	0
3/02	0	09:30	18.89	0.00			9.45	0.73	1.00	0.39	7.33	OK	0	0
3/03	0.1	10:00	20.57	0.00			10.82	0.79	1.16	0.41	7.39	OK	0	0
3/04	0	08:45	14.86	0.00			8.48	0.60	0.77	0.38	4.62	OK	0	0
3/05	0	10:00	15.09	0.00			9.09	0.64	0.75	0.35	4.25	OK	0	0
3/06	0.04	14:15	23.02	0.00			15.97	0.81	1.29	0.49	4.46	OK	0	0
3/07	0.07	09:30	17.70	0.00			10.84	0.68	0.87	0.39	4.92	OK	0	0
3/08	0	09:45	17.17	0.00			10.87	0.71	0.84	0.39	4.37	OK	0	0
3/09	0.59	16:30	24.93	0.00			16.77	0.92	1.29	0.54	5.41	OK	0	0
3/10	0.02	09:30	20.16	0.00			12.95	0.73	1.12	0.45	4.92	OK	0	0
3/11	0	09:30	18.07	0.00			11.45	0.75	0.94	0.42	4.52	OK	0	0
3/12	0.31	17:00	30.32	2.21			21.95	0.96	2.02	0.59	7.02	OK	0	0
3/13	0.06	01:15	21.58	11.42			15.92	0.76	1.33	0.48	14.51	OK	0	0
3/14	0.01	20:45	21.82	1.84			15.53	0.80	1.16	0.51	5.66	OK	0	0
3/15	0	12:45	22.38	3.01			16.54	0.80	1.13	0.43	6.49	OK	0	0
3/16	0	14:00	21.07	1.75			14.77	0.81	1.05	0.42	5.78	OK	0	0
3/17	0.12	11:15	23.96	2.36			14.91	0.80	1.12	0.42	9.07	OK	0	0
3/18	0	09:30	18.68	1.60			11.41	0.70	0.91	0.43	6.84	OK	0	0
3/19	0.1	11:15	19.04	0.15			11.09	0.68	0.92	0.45	6.05	OK	0	0
3/20	0	11:45	21.66	0.00			13.45	0.79	1.04	0.48	5.90	OK	0	0
3/21	0	09:00	15.76	0.00			9.22	0.63	0.71	0.44	4.77	OK	0	0
3/22	0	08:45	15.52	0.00			8.99	0.61	0.70	0.38	4.83	OK	0	0
3/23	0.08	10:30	19.26	0.00			12.50	0.71	0.94	0.39	4.72	OK	0	0
3/24	0.69	07:15	19.51	0.00			11.63	0.79	0.86	0.41	5.81	OK	0	0
3/25	0.09	01:30	25.28	0.00			15.77	0.86	1.34	0.50	6.81	OK	0	0
3/26	0	11:30	22.44	0.00			14.42	0.89	1.25	0.50	5.38	OK	0	0
3/27	0	11:00	19.22	0.00			10.96	0.79	0.97	0.44	6.06	OK	0	0
3/28	0	19:30	19.49	0.00			12.74	0.76	1.01	0.41	4.57	OK	0	0
3/29	0	19:15	19.40	0.00			11.95	0.74	0.93	0.39	5.39	OK	0	0
3/30	0	09:00	15.27	0.00			9.04	0.66	0.74	0.42	4.40	OK	0	0
3/31	0.12	14:00	21.26	0.00			14.26	0.76	0.99	0.42	4.83	OK	0	0
TOTAL	2.40												Total 0	0
	AVERAGE PEAK FLOW		20.06	0.79	0.00	0.00	12.68	0.76	1.04	0.44				

FLOW RIGHTS UTILIZATION REPORT

Month/Year: March 2022
MEMBER: Roselle Park
FORMULA: METER NO. RV29 - RV30 - RV07

FLOW RIGHTS AVAILABLE (mgd): 1.94
No. OF DAYS WITH EXCEEDANCE: 0
MAX. FLOW: 0.95 AVG. FLOW 0.83

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)						
3/01	0	15:00	1.78				0.26	0.67			0.85	OK	0	0
3/02	0	19:00	1.87				0.31	0.72			0.85	OK	0	0
3/03	0.1	10:45	1.82				0.28	0.67			0.86	OK	0	0
3/04	0	17:00	1.72				0.27	0.67			0.79	OK	0	0
3/05	0	23:30	1.68				0.25	0.58			0.85	OK	0	0
3/06	0.04	00:00	1.67				0.23	0.57			0.87	OK	0	0
3/07	0.07	19:30	1.88				0.31	0.70			0.87	OK	0	0
3/08	0	18:45	1.73				0.27	0.61			0.86	OK	0	0
3/09	0.59	17:00	1.97				0.31	0.79			0.87	OK	0	0
3/10	0.02	09:45	1.88				0.34	0.69			0.85	OK	0	0
3/11	0	07:45	1.80				0.30	0.65			0.86	OK	0	0
3/12	0.31	16:30	2.01				0.36	0.82			0.83	OK	0	0
3/13	0.06	10:45	1.98				0.35	0.69			0.95	OK	0	0
3/14	0.01	10:15	1.87				0.30	0.70			0.86	OK	0	0
3/15	0	23:00	1.79				0.25	0.72			0.82	OK	0	0
3/16	0	08:00	1.91				0.32	0.75			0.85	OK	0	0
3/17	0.12	07:45	1.77				0.31	0.68			0.78	OK	0	0
3/18	0	07:45	1.78				0.30	0.70			0.78	OK	0	0
3/19	0.1	18:00	1.79				0.28	0.74			0.77	OK	0	0
3/20	0	18:00	1.79				0.28	0.69			0.82	OK	0	0
3/21	0	22:45	1.69				0.30	0.66			0.74	OK	0	0
3/22	0	18:45	1.70				0.26	0.68			0.76	OK	0	0
3/23	0.08	16:45	1.64				0.26	0.66			0.72	OK	0	0
3/24	0.69	07:15	1.99				0.27	0.82			0.89	OK	0	0
3/25	0.09	19:00	1.91				0.29	0.74			0.88	OK	0	0
3/26	0	09:30	1.89				0.32	0.74			0.82	OK	0	0
3/27	0	14:45	1.85				0.30	0.71			0.84	OK	0	0
3/28	0	06:30	1.56				0.21	0.52			0.84	OK	0	0
3/29	0	12:00	1.78				0.29	0.70			0.79	OK	0	0
3/30	0	02:00	1.44				0.20	0.52			0.72	OK	0	0
3/31	0.12	13:00	1.68				0.28	0.61			0.79	OK	0	0
TOTAL	2.40											Total	0	0
	AVERAGE PEAK FLOW		1.79		0.00	0.00	0.29	0.68	0.00	0.00				

FLOW RIGHTS UTILIZATION REPORT

Month/Year: March 2022
MEMBER: Scotch Plains
FORMULA: METER NO. RV18 + RV19

FLOW RIGHTS AVAILABLE (mgd): 4.73
No. OF DAYS WITH EXCEEDANCE: 0
MAX. FLOW: 1.77 AVG. FLOW 1.67

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										
3/01	0	20:45	1.08	0.57							1.65	OK	0	0
3/02	0	21:00	1.02	0.57							1.59	OK	0	0
3/03	0.1	09:15	1.06	0.53							1.59	OK	0	0
3/04	0	09:30	1.02	0.57							1.59	OK	0	0
3/05	0	12:45	1.02	0.57							1.58	OK	0	0
3/06	0.04	10:45	0.98	0.69							1.67	OK	0	0
3/07	0.07	09:00	1.06	0.56							1.62	OK	0	0
3/08	0	20:45	1.06	0.57							1.62	OK	0	0
3/09	0.59	19:00	1.14	0.64							1.77	OK	0	0
3/10	0.02	21:00	1.09	0.56							1.65	OK	0	0
3/11	0	08:30	0.96	0.59							1.55	OK	0	0
3/12	0.31	15:00	1.15	0.62							1.77	OK	0	0
3/13	0.06	15:00	1.11	0.62							1.72	OK	0	0
3/14	0.01	22:00	1.09	0.55							1.64	OK	0	0
3/15	0	20:30	1.04	0.61							1.65	OK	0	0
3/16	0	21:15	1.10	0.60							1.70	OK	0	0
3/17	0.12	21:15	1.13	0.57							1.69	OK	0	0
3/18	0	09:30	1.08	0.52							1.61	OK	0	0
3/19	0.1	13:30	1.15	0.57							1.72	OK	0	0
3/20	0	12:15	1.15	0.59							1.74	OK	0	0
3/21	0	11:30	1.12	0.57							1.69	OK	0	0
3/22	0	20:45	1.08	0.57							1.65	OK	0	0
3/23	0.08	09:30	1.09	0.54							1.62	OK	0	0
3/24	0.69	20:30	1.19	0.56							1.75	OK	0	0
3/25	0.09	09:30	1.19	0.58							1.77	OK	0	0
3/26	0	11:15	1.09	0.63							1.73	OK	0	0
3/27	0	11:15	1.08	0.63							1.71	OK	0	0
3/28	0	09:30	1.09	0.57							1.66	OK	0	0
3/29	0	21:30	1.07	0.63							1.70	OK	0	0
3/30	0	22:00	1.09	0.47							1.56	OK	0	0
3/31	0.12	10:00	1.09	0.57							1.66	OK	0	0
TOTAL	2.40											Total	0	0
	AVERAGE PEAK FLOW		1.09	0.58	0.00	0.00	0.00	0.00	0.00	0.00				

FLOW RIGHTS UTILIZATION REPORT

Month/Year: March 2022
MEMBER: Springfield
FORMULA: METER NO. RV01

FLOW RIGHTS AVAILABLE (mgd): 4.09
No. OF DAYS WITH EXCEEDANCE: 0
MAX. FLOW: 3.78 AVG. FLOW 3.15

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							
			RV01											
3/01	0	21:30	3.17								3.17	OK	0	0
3/02	0	21:45	3.12								3.12	OK	0	0
3/03	0.1	10:45	3.14								3.14	OK	0	0
3/04	0	11:30	2.92								2.92	OK	0	0
3/05	0	14:15	3.14								3.14	OK	0	0
3/06	0.04	13:30	3.25								3.25	OK	0	0
3/07	0.07	22:15	3.06								3.06	OK	0	0
3/08	0	21:30	2.97								2.97	OK	0	0
3/09	0.59	21:15	3.72								3.72	OK	0	0
3/10	0.02	00:15	3.27								3.27	OK	0	0
3/11	0	12:15	3.11								3.11	OK	0	0
3/12	0.31	16:30	3.78								3.78	OK	0	0
3/13	0.06	14:45	3.33								3.33	OK	0	0
3/14	0.01	20:15	3.10								3.10	OK	0	0
3/15	0	22:15	3.16								3.16	OK	0	0
3/16	0	21:30	3.04								3.04	OK	0	0
3/17	0.12	21:30	3.07								3.07	OK	0	0
3/18	0	11:30	2.97								2.97	OK	0	0
3/19	0.1	13:30	3.13								3.13	OK	0	0
3/20	0	13:15	3.15								3.15	OK	0	0
3/21	0	21:45	2.99								2.99	OK	0	0
3/22	0	21:45	2.87								2.87	OK	0	0
3/23	0.08	21:45	2.98								2.98	OK	0	0
3/24	0.69	10:30	3.31								3.31	OK	0	0
3/25	0.09	12:00	3.21								3.21	OK	0	0
3/26	0	13:30	3.24								3.24	OK	0	0
3/27	0	13:30	3.13								3.13	OK	0	0
3/28	0	22:00	3.08								3.08	OK	0	0
3/29	0	22:00	3.04								3.04	OK	0	0
3/30	0	22:45	3.10								3.10	OK	0	0
3/31	0.12	22:15	3.02								3.02	OK	0	0
TOTAL	2.40											Total	0	0
	AVERAGE PEAK FLOW		3.15		0.00	0.00	0.00	0.00	0.00	0.00				

FLOW RIGHTS UTILIZATION REPORT

Month/Year: March 2022
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: 5.95 AVG. FLOW 4.54

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)						
3/01	0	21:00	0.25	0.43	0.59	4.67	1.05	0.34			4.56	OK	0	0
3/02	0	21:15	0.31	0.34	0.58	4.54	1.03	0.39			4.34	OK	0	0
3/03	0.1	09:30	0.29	0.44	0.59	4.60	1.00	0.35			4.58	OK	0	0
3/04	0	09:45	0.23	0.36	0.53	4.45	1.00	0.35			4.22	OK	0	0
3/05	0	13:00	0.27	0.33	0.63	4.44	1.01	0.33			4.31	OK	0	0
3/06	0.04	12:45	0.26	0.37	0.62	4.69	1.08	0.44			4.42	OK	0	0
3/07	0.07	20:30	0.23	0.37	0.60	4.25	0.97	0.37			4.11	OK	0	0
3/08	0	21:00	0.42	0.34	0.58	4.35	1.06	0.37			4.26	OK	0	0
3/09	0.59	20:00	0.43	0.50	0.75	5.67	1.14	0.63			5.57	OK	0	0
3/10	0.02	09:00	0.36	0.43	0.64	4.70	0.99	0.36			4.77	OK	0	0
3/11	0	09:15	0.39	0.40	0.63	4.50	0.96	0.37			4.60	OK	0	0
3/12	0.31	13:15	0.44	0.47	0.85	5.73	1.08	0.46			5.95	OK	0	0
3/13	0.06	13:00	0.35	0.40	0.72	4.94	1.02	0.39			4.99	OK	0	0
3/14	0.01	09:30	0.37	0.38	0.55	4.59	1.01	0.33			4.54	OK	0	0
3/15	0	21:45	0.30	0.37	0.64	4.75	1.08	0.41			4.57	OK	0	0
3/16	0	21:30	0.27	0.36	0.61	4.66	1.06	0.33			4.52	OK	0	0
3/17	0.12	21:30	0.24	0.36	0.61	4.63	1.10	0.30			4.45	OK	0	0
3/18	0	09:45	0.28	0.38	0.61	4.53	1.08	0.37			4.36	OK	0	0
3/19	0.1	12:45	0.29	0.27	0.72	4.61	1.11	0.40			4.39	OK	0	0
3/20	0	11:45	0.37	0.40	0.72	4.84	1.08	0.52			4.72	OK	0	0
3/21	0	21:00	0.36	0.40	0.63	4.18	1.05	0.34			4.19	OK	0	0
3/22	0	21:30	0.32	0.36	0.64	4.29	1.08	0.37			4.16	OK	0	0
3/23	0.08	21:00	0.37	0.33	0.61	4.09	1.04	0.34			4.01	OK	0	0
3/24	0.69	09:15	0.30	0.47	0.70	5.21	1.17	0.46			5.05	OK	0	0
3/25	0.09	09:45	0.39	0.37	0.68	5.13	1.14	0.39			5.04	OK	0	0
3/26	0	12:30	0.35	0.40	0.67	4.86	1.10	0.40			4.79	OK	0	0
3/27	0	12:00	0.38	0.36	0.61	4.71	1.08	0.36			4.62	OK	0	0
3/28	0	22:00	0.34	0.39	0.61	4.36	1.07	0.29			4.34	OK	0	0
3/29	0	21:15	0.37	0.38	0.57	4.34	1.03	0.36			4.27	OK	0	0
3/30	0	09:30	0.26	0.33	0.55	4.25	1.04	0.23			4.11	OK	0	0
3/31	0.12	21:30	0.28	0.35	0.58	4.22	1.07	0.32			4.04	OK	0	0
TOTAL	2.40											Total	0	0
	AVERAGE PEAK FLOW		0.32	0.38	0.63	4.64	1.06	0.38	0.00	0.00				

FLOW RIGHTS UTILIZATION REPORT

Month/Year: March 2022
MEMBER: Woodbridge
FORMULA: METER NO. RV15

FLOW RIGHTS AVAILABLE (mgd): 3.49
No. OF DAYS WITH EXCEEDANCE: 0
MAX. FLOW: 2.15 AVG. FLOW 1.35

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											
3/01	0	09:30	1.34								1.34	OK	0	0
3/02	0	09:15	1.23								1.23	OK	0	0
3/03	0.1	09:30	1.26								1.26	OK	0	0
3/04	0	10:30	1.30								1.30	OK	0	0
3/05	0	12:45	1.29								1.29	OK	0	0
3/06	0.04	12:45	1.30								1.30	OK	0	0
3/07	0.07	13:45	1.12								1.12	OK	0	0
3/08	0	09:45	1.10								1.10	OK	0	0
3/09	0.59	19:45	1.81								1.81	OK	0	0
3/10	0.02	09:15	1.38								1.38	OK	0	0
3/11	0	09:45	1.26								1.26	OK	0	0
3/12	0.31	14:45	2.15								2.15	OK	0	0
3/13	0.06	12:30	1.68								1.68	OK	0	0
3/14	0.01	21:15	1.31								1.31	OK	0	0
3/15	0	21:30	1.27								1.27	OK	0	0
3/16	0	22:15	1.23								1.23	OK	0	0
3/17	0.12	21:15	1.25								1.25	OK	0	0
3/18	0	09:30	1.16								1.16	OK	0	0
3/19	0.1	12:30	1.35								1.35	OK	0	0
3/20	0	12:45	1.43								1.43	OK	0	0
3/21	0	21:15	1.09								1.09	OK	0	0
3/22	0	09:30	1.10								1.10	OK	0	0
3/23	0.08	09:30	1.06								1.06	OK	0	0
3/24	0.69	09:30	1.63								1.63	OK	0	0
3/25	0.09	09:00	1.92								1.92	OK	0	0
3/26	0	12:00	1.71								1.71	OK	0	0
3/27	0	13:15	1.60								1.60	OK	0	0
3/28	0	21:45	1.23								1.23	OK	0	0
3/29	0	22:00	1.16								1.16	OK	0	0
3/30	0	22:30	1.16								1.16	OK	0	0
3/31	0.12	21:45	1.10								1.10	OK	0	0
TOTAL	2.40											Total	0	0
	AVERAGE PEAK FLOW		1.35		0.00	0.00	0.00	0.00	0.00	0.00				