



Monday, December 13, 2021

Re: Flow Rights Utilization Report - November 2021

Attached for your use please find Flow Rights Utilization Report for November 2021. 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	1.31	3.72	1.32	13.56	0	2	1.23963
Cranford	9.19	2.53	4.28	2.57	13.52	0	1	0.60572
Garwood	3.99	0.72	1.25	0.77	5.84	0	1	0.06846
Kenilworth	2.75	0.89	1.41	0.94	2.94	0	1	0.00216
Mountainside	3.15	0.71	1.18	0.72	2.12	0	0	0
Rahway	17.26	3.93	7.81	4.27	26.95	0	1	0.36865
Roselle Park	1.94	0.22	1.03	0.23	1.34	0	0	0
Scotch Plains	4.73	1.07	1.78	1.11	5.43	0	1	0.02669
Springfield	4.09	2.54	3.64	2.61	6.71	0	2	1.07081
Westfield	10.94	3.21	5.68	3.42	14.54	0	1	0.42782
Woodbridge	3.49	0.81	1.79	0.85	6.71	0	2	1.77856

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

MEMBER

FORMULA

FLOW RIGHTS AVAILABLE (mgd):

No. OF DAYS WITH EXCEEDANCE:

MAX. FLOW: AVG. FLOW

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)						
11/01	0	22:00	18.64	0.47			5.19	10.97			2.95	OK	0	0
11/02	0	22:45	17.32	0.45			4.88	10.16			2.74	OK	0	0
11/03	0	11:00	16.55	0.40			4.72	9.47			2.76	OK	0	0
11/04	0	15:30	15.84	0.37			4.00	9.70			2.52	OK	0	0
11/05	0	12:00	16.37	0.42			4.39	9.82			2.59	OK	0	0
11/06	0	12:45	15.91	0.48			4.45	9.67			2.28	OK	0	0
11/07	0	12:45	16.83	0.47			4.62	9.99			2.69	OK	0	0
11/08	0	22:00	15.53	0.41			4.32	9.62			2.00	OK	0	0
11/09	0	10:30	15.15	0.41			4.46	8.99			2.11	OK	0	0
11/10	0	22:00	15.44	0.40			4.37	9.41			2.07	OK	0	0
11/11	0	22:30	15.11	0.39			4.06	9.11			2.33	OK	0	0
11/12	0.47	13:45	19.00	0.53			4.59	11.23			3.72	OK	0	0
11/13	0.2	19:00	16.32	0.47			4.13	9.57			3.09	OK	0	0
11/14	0	12:30	15.88	0.50			4.58	9.11			2.69	OK	0	0
11/15	0	10:15	14.68	0.38			4.29	8.48			2.29	OK	0	0
11/16	0	21:45	15.98	0.46			4.23	9.63			2.58	OK	0	0
11/17	0	21:15	14.98	0.42			3.90	8.98			2.51	OK	0	0
11/18	0.02	10:45	15.00	0.39			4.03	8.94			2.42	OK	0	0
11/19	0	13:00	14.23	0.37			3.65	8.34			2.61	OK	0	0
11/20	0	12:45	15.36	0.49			4.09	9.35			2.40	OK	0	0
11/21	0	13:30	15.43	0.51			4.39	9.56			1.99	OK	0	0
11/22	0.02	21:00	15.41	0.42			3.99	9.47			2.36	OK	0	0
11/23	0	11:00	14.05	0.38			4.04	8.24			2.14	OK	0	0
11/24	0	19:45	14.51	0.43			3.81	8.85			2.28	OK	0	0
11/25	0	13:30	17.96	0.53			4.98	10.62			2.89	OK	0	0
11/26	0.05	14:30	15.88	0.43			4.36	9.64			2.31	OK	0	0
11/27	0	13:45	15.65	0.46			4.33	9.41			2.38	OK	0	0
11/28	0	21:00	14.62	0.38			4.07	8.65			2.29	OK	0	0
11/29	0	12:30	14.17	0.36			3.70	8.66			2.17	OK	0	0
11/30	0	22:30	14.79	0.39			3.98	9.09			2.11	OK	0	0

TOTAL

Total

AVERAGE PEAK FLOW



FLOW RIGHTS UTILIZATION REPORT

Month/Year

MEMBER

FORMULA

FLOW RIGHTS AVAILABLE (mgd):

No. OF DAYS WITH EXCEEDANCE:

MAX. FLOW: AVG. FLOW

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)					
11/01	0	20:45	10.83	0.84	0.36		4.16	2.30	1.40		4.17	OK	0	0
11/02	0	21:00	10.57	0.80	0.35		4.17	2.28	1.30		3.97	OK	0	0
11/03	0	20:15	9.70	0.77	0.33		3.88	2.00	1.24		3.68	OK	0	0
11/04	0	11:45	10.41	0.78	0.34		4.19	2.15	1.51		3.67	OK	0	0
11/05	0	12:15	10.47	0.75	0.35		3.75	2.09	2.02		3.71	OK	0	0
11/06	0	12:00	9.73	0.75	0.36		3.13	2.09	1.32		4.28	OK	0	0
11/07	0	11:30	9.66	0.77	0.38		3.58	2.15	1.17		3.90	OK	0	0
11/08	0	09:15	8.69	0.73	0.31		2.80	2.00	1.21		3.71	OK	0	0
11/09	0	08:45	8.87	0.65	0.29		2.65	1.66	1.78		3.72	OK	0	0
11/10	0	09:00	8.45	0.70	0.33		2.81	1.86	1.12		3.70	OK	0	0
11/11	0	09:15	7.88	0.69	0.30		2.68	1.78	0.97		3.44	OK	0	0
11/12	0.47	10:15	9.47	0.87	0.34		3.41	2.20	0.98		4.09	OK	0	0
11/13	0.2	15:15	10.32	0.86	0.32		4.33	2.09	1.10		3.98	OK	0	0
11/14	0	12:15	9.56	0.79	0.34		3.85	2.17	1.19		3.50	OK	0	0
11/15	0	10:30	9.27	0.70	0.29		3.64	2.01	1.12		3.49	OK	0	0
11/16	0	09:00	7.84	0.64	0.31		2.58	1.85	1.14		3.21	OK	0	0
11/17	0	08:45	7.48	0.68	0.27		2.49	1.66	1.06		3.22	OK	0	0
11/18	0.02	08:30	7.34	0.64	0.27		2.37	1.33	0.88		3.67	OK	0	0
11/19	0	09:00	7.73	0.64	0.31		2.55	1.72	1.33		3.08	OK	0	0
11/20	0	11:45	9.62	0.73	0.34		3.51	2.08	1.22		3.87	OK	0	0
11/21	0	12:00	9.23	0.74	0.32		3.30	2.07	1.29		3.63	OK	0	0
11/22	0.02	09:30	8.10	0.67	0.28		2.80	1.89	1.03		3.33	OK	0	0
11/23	0	09:15	7.94	0.65	0.30		2.57	1.83	1.08		3.41	OK	0	0
11/24	0	08:45	7.47	0.61	0.26		2.34	1.43	0.98		3.58	OK	0	0
11/25	0	14:15	11.18	0.80	0.39		4.58	2.28	1.28		4.22	OK	0	0
11/26	0.05	11:15	9.04	0.70	0.31		3.18	2.00	1.19		3.68	OK	0	0
11/27	0	11:45	9.02	0.70	0.32		3.29	2.09	1.08		3.57	OK	0	0
11/28	0	13:00	9.48	0.71	0.35		3.80	2.04	1.13		3.56	OK	0	0
11/29	0	09:30	8.15	0.66	0.29		2.72	1.88	0.95		3.56	OK	0	0
11/30	0	22:00	9.09	0.64	0.32		3.83	2.00	1.08		3.14	OK	0	0

TOTAL

Total

AVERAGE PEAK FLOW



FLOW RIGHTS UTILIZATION REPORT

Month/Year

MEMBER

FORMULA

FLOW RIGHTS AVAILABLE (mgd):

No. OF DAYS WITH EXCEEDANCE:

MAX. FLOW: AVG. FLOW

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)					
11/01	0	08:45	2.48				0.31	0.48	0.70		0.99	OK	0	0
11/02	0	21:00	2.54				0.29	0.50	0.65		1.10	OK	0	0
11/03	0	08:45	2.20				0.29	0.40	0.49		1.02	OK	0	0
11/04	0	09:15	2.13				0.24	0.36	0.49		1.03	OK	0	0
11/05	0	18:30	1.88				0.22	0.25	0.41		1.01	OK	0	0
11/06	0	11:45	2.25				0.31	0.36	0.59		1.01	OK	0	0
11/07	0	10:00	2.10				0.25	0.29	0.48		1.08	OK	0	0
11/08	0	21:45	2.17				0.27	0.29	0.57		1.05	OK	0	0
11/09	0	08:00	1.83				0.23	0.22	0.35		1.03	OK	0	0
11/10	0	20:15	2.18				0.39	0.26	0.51		1.02	OK	0	0
11/11	0	08:30	1.99				0.23	0.28	0.40		1.07	OK	0	0
11/12	0.47	12:00	2.46				0.29	0.30	0.62		1.25	OK	0	0
11/13	0.2	10:00	2.10				0.20	0.33	0.44		1.13	OK	0	0
11/14	0	10:45	2.20				0.21	0.32	0.51		1.16	OK	0	0
11/15	0	08:00	1.87				0.26	0.23	0.39		0.99	OK	0	0
11/16	0	08:00	1.85				0.20	0.23	0.33		1.08	OK	0	0
11/17	0	08:00	1.84				0.25	0.23	0.31		1.04	OK	0	0
11/18	0.02	08:00	1.79				0.19	0.22	0.32		1.06	OK	0	0
11/19	0	08:00	1.72				0.18	0.20	0.33		1.01	OK	0	0
11/20	0	10:45	2.08				0.26	0.29	0.48		1.06	OK	0	0
11/21	0	10:15	2.00				0.24	0.27	0.40		1.10	OK	0	0
11/22	0.02	08:15	1.85				0.26	0.23	0.34		1.02	OK	0	0
11/23	0	08:15	1.83				0.21	0.26	0.32		1.04	OK	0	0
11/24	0	08:30	1.88				0.22	0.29	0.31		1.06	OK	0	0
11/25	0	10:30	2.13				0.27	0.35	0.45		1.05	OK	0	0
11/26	0.05	10:00	1.95				0.22	0.28	0.44		1.01	OK	0	0
11/27	0	11:00	2.16				0.31	0.36	0.54		0.95	OK	0	0
11/28	0	10:15	1.95				0.21	0.37	0.42		0.95	OK	0	0
11/29	0	08:15	1.83				0.21	0.28	0.35		0.97	OK	0	0
11/30	0	08:00	1.67				0.17	0.19	0.34		0.97	OK	0	0

TOTAL

Total

AVERAGE PEAK FLOW



FLOW RIGHTS UTILIZATION REPORT

Month/Year

MEMBER

FORMULA

FLOW RIGHTS AVAILABLE (mgd):

No. OF DAYS WITH EXCEEDANCE:

MAX. FLOW: AVG. FLOW

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						
11/01	0	07:45	3.24	0.87			2.21	0.49			1.41	OK	0	0
11/02	0	20:15	4.33	0.83			2.96	0.87			1.33	OK	0	0
11/03	0	07:45	3.01	0.79			2.02	0.48			1.30	OK	0	0
11/04	0	10:15	4.19	0.84			2.77	0.98			1.29	OK	0	0
11/05	0	13:45	4.44	0.78			2.99	0.91			1.32	OK	0	0
11/06	0	02:00	3.42	0.59			2.11	0.57			1.33	OK	0	0
11/07	0	10:45	4.10	0.83			2.80	0.87			1.27	OK	0	0
11/08	0	17:30	3.71	0.76			2.57	0.70			1.19	OK	0	0
11/09	0	07:45	2.89	0.76			1.94	0.49			1.22	OK	0	0
11/10	0	07:30	2.81	0.71			1.92	0.43			1.18	OK	0	0
11/11	0	18:00	3.80	0.73			2.54	0.77			1.21	OK	0	0
11/12	0.47	17:00	4.36	0.81			3.14	0.83			1.20	OK	0	0
11/13	0.2	14:15	4.50	0.74			3.20	0.89			1.15	OK	0	0
11/14	0	10:45	3.85	0.78			2.57	0.86			1.21	OK	0	0
11/15	0	07:45	2.82	0.76			1.88	0.46			1.23	OK	0	0
11/16	0	18:30	3.75	0.71			2.44	0.74			1.28	OK	0	0
11/17	0	19:30	3.91	0.72			2.54	0.77			1.32	OK	0	0
11/18	0.02	20:00	3.93	0.67			2.57	0.85			1.18	OK	0	0
11/19	0	09:30	3.92	0.65			2.39	0.98			1.19	OK	0	0
11/20	0	10:45	3.82	0.75			2.33	0.96			1.28	OK	0	0
11/21	0	09:45	2.90	0.66			1.88	0.57			1.11	OK	0	0
11/22	0.02	13:15	3.87	0.61			2.44	0.89			1.14	OK	0	0
11/23	0	07:30	2.47	0.64			1.63	0.39			1.09	OK	0	0
11/24	0	07:45	2.62	0.70			1.79	0.40			1.13	OK	0	0
11/25	0	12:30	4.69	0.74			3.11	1.06			1.26	OK	0	0
11/26	0.05	08:45	2.50	0.61			1.62	0.48			1.02	OK	0	0
11/27	0	10:45	3.69	0.79			2.46	0.82			1.21	OK	0	0
11/28	0	17:15	3.89	0.64			2.65	0.82			1.06	OK	0	0
11/29	0	07:30	2.49	0.64			1.68	0.35			1.11	OK	0	0
11/30	0	07:30	2.34	0.64			1.57	0.35			1.06	OK	0	0

TOTAL

Total

AVERAGE PEAK FLOW



FLOW RIGHTS UTILIZATION REPORT

Month/Year

MEMBER

FORMULA

FLOW RIGHTS AVAILABLE (mgd):

No. OF DAYS WITH EXCEEDANCE:

MAX. FLOW: AVG. FLOW

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										
11/01	0	14:15	1.18							1.18	OK	0	0
11/02	0	10:00	1.01							1.01	OK	0	0
11/03	0	10:00	1.02							1.02	OK	0	0
11/04	0	10:45	0.99							0.99	OK	0	0
11/05	0	11:45	0.99							0.99	OK	0	0
11/06	0	11:45	0.95							0.95	OK	0	0
11/07	0	21:00	0.97							0.97	OK	0	0
11/08	0	10:00	1.02							1.02	OK	0	0
11/09	0	10:00	1.05							1.05	OK	0	0
11/10	0	09:45	1.02							1.02	OK	0	0
11/11	0	10:00	1.03							1.03	OK	0	0
11/12	0.47	11:15	1.10							1.10	OK	0	0
11/13	0.2	11:45	0.99							0.99	OK	0	0
11/14	0	12:15	1.01							1.01	OK	0	0
11/15	0	09:45	1.00							1.00	OK	0	0
11/16	0	09:30	1.02							1.02	OK	0	0
11/17	0	10:00	1.00							1.00	OK	0	0
11/18	0.02	10:30	1.01							1.01	OK	0	0
11/19	0	09:45	1.01							1.01	OK	0	0
11/20	0	12:00	1.01							1.01	OK	0	0
11/21	0	13:00	0.99							0.99	OK	0	0
11/22	0.02	10:00	1.00							1.00	OK	0	0
11/23	0	10:00	1.00							1.00	OK	0	0
11/24	0	11:00	1.00							1.00	OK	0	0
11/25	0	13:45	1.18							1.18	OK	0	0
11/26	0.05	13:30	1.01							1.01	OK	0	0
11/27	0	13:00	0.99							0.99	OK	0	0
11/28	0	13:00	1.02							1.02	OK	0	0
11/29	0	10:15	1.00							1.00	OK	0	0
11/30	0	10:00	0.96							0.96	OK	0	0

TOTAL

Total

AVERAGE PEAK FLOW



FLOW RIGHTS UTILIZATION REPORT

Month/Year

MEMBER

FORMULA

FLOW RIGHTS AVAILABLE (mgd):

No. OF DAYS WITH EXCEEDANCE:

MAX. FLOW: AVG. FLOW

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)				
11/01	0	08:30	18.57	0.00			10.86	0.79	1.12	0.39	5.41	OK	0	0
11/02	0	09:00	17.60	0.00			10.25	0.66	0.91	0.40	5.38	OK	0	0
11/03	0	21:45	22.76	0.00			15.05	0.76	1.19	0.47	5.30	OK	0	0
11/04	0	10:30	19.49	0.00			12.23	0.70	0.92	0.40	5.24	OK	0	0
11/05	0	10:45	19.23	0.00			11.65	0.72	0.84	0.38	5.64	OK	0	0
11/06	0	10:45	18.37	0.00			10.57	0.62	0.68	0.38	6.12	OK	0	0
11/07	0	11:30	20.75	0.00			12.16	0.75	0.95	0.42	6.47	OK	0	0
11/08	0	20:15	19.42	0.00			11.90	0.70	0.87	0.39	5.56	OK	0	0
11/09	0	12:45	21.64	0.00			14.29	0.71	0.89	0.41	5.34	OK	0	0
11/10	0	20:45	19.27	0.00			12.11	0.66	0.84	0.39	5.26	OK	0	0
11/11	0	18:15	18.21	0.00			11.35	0.65	0.74	0.36	5.10	OK	0	0
11/12	0.47	10:00	20.56	0.00			10.96	0.64	0.76	0.39	7.81	OK	0	0
11/13	0.2	16:00	26.42	0.00			16.70	0.78	1.06	0.40	7.48	OK	0	0
11/14	0	18:45	21.43	0.00			13.78	0.67	1.01	0.45	5.52	OK	0	0
11/15	0	20:00	19.00	0.00			11.71	0.70	0.85	0.38	5.35	OK	0	0
11/16	0	19:30	19.01	0.00			11.80	0.66	0.79	0.39	5.37	OK	0	0
11/17	0	19:30	18.26	0.00			11.72	0.68	0.78	0.35	4.72	OK	0	0
11/18	0.02	09:15	16.42	0.00			9.26	0.63	0.65	0.40	5.49	OK	0	0
11/19	0	09:45	16.69	0.00			10.01	0.60	0.75	0.38	4.96	OK	0	0
11/20	0	12:15	21.11	0.00			14.28	0.70	0.92	0.45	4.75	OK	0	0
11/21	0	12:00	19.83	0.00			12.37	0.68	0.81	0.42	5.55	OK	0	0
11/22	0.02	17:15	18.30	0.00			11.91	0.64	0.78	0.32	4.66	OK	0	0
11/23	0	20:30	18.99	0.00			12.03	0.64	0.80	0.39	5.13	OK	0	0
11/24	0	10:15	17.58	0.00			10.89	0.62	0.81	0.37	4.91	OK	0	0
11/25	0	11:30	19.22	0.00			12.37	0.66	0.81	0.43	4.95	OK	0	0
11/26	0.05	11:30	17.89	0.00			10.61	0.65	0.76	0.40	5.47	OK	0	0
11/27	0	12:00	18.35	0.00			11.86	0.70	0.80	0.41	4.59	OK	0	0
11/28	0	11:45	16.94	0.00			10.31	0.60	0.68	0.38	4.97	OK	0	0
11/29	0	09:45	16.14	0.00			9.43	0.59	0.69	0.36	5.07	OK	0	0
11/30	0	20:15	18.72	0.00			11.15	0.62	0.68	0.37	5.90	OK	0	0

TOTAL

Total

AVERAGE PEAK FLOW



FLOW RIGHTS UTILIZATION REPORT

Month/Year November 2021

MEMBER Roselle Park

FORMULA METER NO. RV29 - RV30 - RV07

FLOW RIGHTS AVAILABLE (mgd): 1.94

No. OF DAYS WITH EXCEEDANCE: 0

MAX. FLOW: 1.03 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)						
11/01	0	07:45	1.99				0.35	0.81			0.83	OK	0	0
11/02	0	19:00	2.08				0.34	0.82			0.92	OK	0	0
11/03	0	10:45	2.06				0.36	0.81			0.89	OK	0	0
11/04	0	10:00	1.99				0.34	0.82			0.83	OK	0	0
11/05	0	11:00	2.02				0.35	0.76			0.91	OK	0	0
11/06	0	08:30	1.88				0.25	0.63			1.00	OK	0	0
11/07	0	07:15	1.75				0.24	0.57			0.94	OK	0	0
11/08	0	06:45	1.77				0.25	0.60			0.92	OK	0	0
11/09	0	21:30	1.92				0.32	0.71			0.89	OK	0	0
11/10	0	07:00	1.71				0.27	0.60			0.84	OK	0	0
11/11	0	06:30	1.52				0.24	0.54			0.75	OK	0	0
11/12	0.47	12:00	2.16				0.35	0.80			1.01	OK	0	0
11/13	0.2	22:15	1.77				0.26	0.68			0.83	OK	0	0
11/14	0	23:45	1.80				0.23	0.63			0.94	OK	0	0
11/15	0	20:30	2.01				0.31	0.67			1.03	OK	0	0
11/16	0	19:30	1.97				0.27	0.70			1.01	OK	0	0
11/17	0	03:15	1.52				0.16	0.42			0.94	OK	0	0
11/18	0.02	15:30	1.79				0.27	0.63			0.90	OK	0	0
11/19	0	09:15	2.01				0.36	0.65			1.00	OK	0	0
11/20	0	17:45	1.87				0.29	0.68			0.90	OK	0	0
11/21	0	09:45	1.91				0.31	0.62			0.98	OK	0	0
11/22	0.02	20:30	1.90				0.33	0.66			0.91	OK	0	0
11/23	0	14:45	1.85				0.28	0.65			0.92	OK	0	0
11/24	0	08:30	1.84				0.27	0.69			0.88	OK	0	0
11/25	0	10:00	1.93				0.32	0.68			0.92	OK	0	0
11/26	0.05	20:00	1.80				0.28	0.59			0.93	OK	0	0
11/27	0	22:00	1.68				0.21	0.59			0.88	OK	0	0
11/28	0	15:15	1.79				0.29	0.66			0.84	OK	0	0
11/29	0	01:00	1.55				0.21	0.46			0.88	OK	0	0
11/30	0	19:15	1.82				0.30	0.65			0.87	OK	0	0

TOTAL 0.76

Total 0 0

AVERAGE PEAK FLOW 1.85 0.00 0.00 0.29 0.66 0.00 0.00



FLOW RIGHTS UTILIZATION REPORT

Month/Year November 2021

MEMBER Scotch Plains

FORMULA METER NO. RV18 + RV19

FLOW RIGHTS AVAILABLE (mgd): 4.73

No. OF DAYS WITH EXCEEDANCE: 0

MAX. FLOW: 1.78 AVG. FLOW 1.54

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						
			RV18	RV19									
11/01	0	09:00	1.01	0.57					1.58	OK	0	0	
11/02	0	11:15	0.87	0.61					1.48	OK	0	0	
11/03	0	08:45	0.94	0.57					1.52	OK	0	0	
11/04	0	09:00	0.92	0.54					1.46	OK	0	0	
11/05	0	11:30	0.89	0.57					1.46	OK	0	0	
11/06	0	11:00	0.93	0.60					1.53	OK	0	0	
11/07	0	10:15	0.96	0.66					1.62	OK	0	0	
11/08	0	09:00	1.02	0.50					1.52	OK	0	0	
11/09	0	08:15	0.92	0.52					1.44	OK	0	0	
11/10	0	09:45	0.96	0.56					1.52	OK	0	0	
11/11	0	12:00	1.06	0.43					1.48	OK	0	0	
11/12	0.47	09:15	1.05	0.66					1.71	OK	0	0	
11/13	0.2	12:15	0.97	0.57					1.54	OK	0	0	
11/14	0	11:15	0.99	0.63					1.62	OK	0	0	
11/15	0	09:00	1.01	0.57					1.58	OK	0	0	
11/16	0	09:15	0.95	0.51					1.46	OK	0	0	
11/17	0	08:30	0.97	0.49					1.46	OK	0	0	
11/18	0.02	08:30	0.99	0.57					1.56	OK	0	0	
11/19	0	09:30	1.03	0.56					1.59	OK	0	0	
11/20	0	10:45	0.99	0.58					1.57	OK	0	0	
11/21	0	11:45	1.11	0.56					1.67	OK	0	0	
11/22	0.02	09:30	0.93	0.54					1.47	OK	0	0	
11/23	0	21:30	0.95	0.54					1.49	OK	0	0	
11/24	0	20:00	0.95	0.57					1.52	OK	0	0	
11/25	0	13:15	1.17	0.61					1.78	OK	0	0	
11/26	0.05	12:15	1.03	0.57					1.60	OK	0	0	
11/27	0	12:00	1.03	0.56					1.59	OK	0	0	
11/28	0	13:00	0.97	0.57					1.54	OK	0	0	
11/29	0	21:00	0.92	0.50					1.42	OK	0	0	
11/30	0	21:00	0.88	0.51					1.39	OK	0	0	

TOTAL 0.76

Total 0 0

AVERAGE PEAK FLOW 0.98 0.56 0.00 0.00 0.00 0.00 0.00 0.00 0.00



FLOW RIGHTS UTILIZATION REPORT

Month/Year

MEMBER

FORMULA

FLOW RIGHTS AVAILABLE (mgd):

No. OF DAYS WITH EXCEEDANCE:

MAX. FLOW: AVG. FLOW

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										
11/01	0	21:00	3.36							3.36	OK	0	0
11/02	0	21:30	3.30							3.30	OK	0	0
11/03	0	21:15	3.21							3.21	OK	0	0
11/04	0	21:30	3.23							3.23	OK	0	0
11/05	0	12:15	3.25							3.25	OK	0	0
11/06	0	14:45	3.28							3.28	OK	0	0
11/07	0	12:45	3.32							3.32	OK	0	0
11/08	0	11:15	3.18							3.18	OK	0	0
11/09	0	21:45	3.23							3.23	OK	0	0
11/10	0	22:15	3.13							3.13	OK	0	0
11/11	0	11:00	3.12							3.12	OK	0	0
11/12	0.47	13:00	3.64							3.64	OK	0	0
11/13	0.2	12:30	3.39							3.39	OK	0	0
11/14	0	13:30	3.26							3.26	OK	0	0
11/15	0	21:00	3.15							3.15	OK	0	0
11/16	0	21:30	3.04							3.04	OK	0	0
11/17	0	21:45	2.99							2.99	OK	0	0
11/18	0.02	22:15	3.01							3.01	OK	0	0
11/19	0	10:30	3.05							3.05	OK	0	0
11/20	0	13:30	3.12							3.12	OK	0	0
11/21	0	12:45	3.16							3.16	OK	0	0
11/22	0.02	22:15	3.05							3.05	OK	0	0
11/23	0	21:15	3.08							3.08	OK	0	0
11/24	0	20:30	3.03							3.03	OK	0	0
11/25	0	13:15	3.52							3.52	OK	0	0
11/26	0.05	13:00	3.14							3.14	OK	0	0
11/27	0	13:45	3.20							3.20	OK	0	0
11/28	0	12:30	3.18							3.18	OK	0	0
11/29	0	21:45	2.97							2.97	OK	0	0
11/30	0	22:15	2.88							2.88	OK	0	0

TOTAL

Total

AVERAGE PEAK FLOW



FLOW RIGHTS UTILIZATION REPORT

Month/Year

MEMBER

FORMULA

FLOW RIGHTS AVAILABLE (mgd):

No. OF DAYS WITH EXCEEDANCE:

MAX. FLOW: AVG. FLOW

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)						
11/01	0	10:30	0.32	0.47	0.72	5.40	0.94	0.29			5.68	OK	0	0
11/02	0	20:30	0.35	0.43	0.70	4.77	0.82	0.29			5.14	OK	0	0
11/03	0	10:15	0.25	0.41	0.60	4.83	0.92	0.37			4.80	OK	0	0
11/04	0	11:15	0.28	0.33	0.66	4.58	0.93	0.38			4.54	OK	0	0
11/05	0	11:00	0.34	0.34	0.62	4.41	0.88	0.31			4.52	OK	0	0
11/06	0	13:15	0.28	0.41	0.59	4.53	0.90	0.39			4.52	OK	0	0
11/07	0	11:45	0.40	0.38	0.57	4.74	0.98	0.44			4.66	OK	0	0
11/08	0	21:15	0.41	0.32	0.53	4.42	0.94	0.32			4.42	OK	0	0
11/09	0	09:30	0.37	0.30	0.51	4.58	0.97	0.40			4.40	OK	0	0
11/10	0	21:15	0.35	0.30	0.53	4.39	0.88	0.29			4.39	OK	0	0
11/11	0	20:45	0.47	0.27	0.50	4.26	0.90	0.44			4.17	OK	0	0
11/12	0.47	13:30	0.26	0.37	0.62	4.73	0.99	0.28			4.70	OK	0	0
11/13	0.2	12:30	0.29	0.47	0.58	4.47	0.96	0.37			4.48	OK	0	0
11/14	0	12:45	0.22	0.54	0.60	4.52	0.98	0.37			4.53	OK	0	0
11/15	0	11:00	0.33	0.28	0.56	4.30	0.94	0.35			4.19	OK	0	0
11/16	0	21:00	0.31	0.32	0.56	4.29	0.93	0.38			4.17	OK	0	0
11/17	0	21:45	0.32	0.54	0.55	4.15	0.94	0.36			4.25	OK	0	0
11/18	0.02	20:45	0.36	0.32	0.53	4.06	0.90	0.30			4.07	OK	0	0
11/19	0	09:30	0.24	0.36	0.50	4.16	0.99	0.36			3.91	OK	0	0
11/20	0	12:15	0.30	0.37	0.60	4.09	0.99	0.32			4.04	OK	0	0
11/21	0	12:00	0.28	0.34	0.56	4.54	1.06	0.38			4.27	OK	0	0
11/22	0.02	10:15	0.31	0.33	0.50	4.25	0.93	0.29			4.16	OK	0	0
11/23	0	21:45	0.38	0.29	0.47	4.23	0.94	0.32			4.11	OK	0	0
11/24	0	11:30	0.30	0.33	0.52	4.22	0.90	0.41			4.06	OK	0	0
11/25	0	12:30	0.37	0.56	0.64	5.02	1.08	0.40			5.11	OK	0	0
11/26	0.05	12:15	0.32	0.56	0.62	4.54	0.97	0.52			4.55	OK	0	0
11/27	0	12:45	0.38	0.58	0.63	4.52	1.03	0.45			4.64	OK	0	0
11/28	0	12:00	0.35	0.44	0.61	4.31	0.87	0.38			4.46	OK	0	0
11/29	0	09:45	0.25	0.37	0.53	4.18	0.88	0.29			4.17	OK	0	0
11/30	0	21:15	0.38	0.35	0.59	4.09	0.86	0.33			4.20	OK	0	0

TOTAL

Total

AVERAGE PEAK FLOW



FLOW RIGHTS UTILIZATION REPORT

Month/Year

MEMBER

FORMULA

FLOW RIGHTS AVAILABLE (mgd):

No. OF DAYS WITH EXCEEDANCE:

MAX. FLOW: AVG. FLOW

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										
11/01	0	12:00	1.79							1.79	OK	0	0
11/02	0	13:00	1.45							1.45	OK	0	0
11/03	0	21:30	1.30							1.30	OK	0	0
11/04	0	12:15	1.23							1.23	OK	0	0
11/05	0	12:30	1.13							1.13	OK	0	0
11/06	0	12:45	1.26							1.26	OK	0	0
11/07	0	11:45	1.31							1.31	OK	0	0
11/08	0	10:00	1.05							1.05	OK	0	0
11/09	0	09:45	0.98							0.98	OK	0	0
11/10	0	09:15	0.97							0.97	OK	0	0
11/11	0	11:00	0.93							0.93	OK	0	0
11/12	0.47	13:15	1.31							1.31	OK	0	0
11/13	0.2	15:15	1.28							1.28	OK	0	0
11/14	0	12:30	1.29							1.29	OK	0	0
11/15	0	09:15	1.09							1.09	OK	0	0
11/16	0	09:30	1.01							1.01	OK	0	0
11/17	0	09:15	0.98							0.98	OK	0	0
11/18	0.02	09:30	0.93							0.93	OK	0	0
11/19	0	10:15	0.92							0.92	OK	0	0
11/20	0	12:45	1.09							1.09	OK	0	0
11/21	0	13:45	1.13							1.13	OK	0	0
11/22	0.02	22:00	0.96							0.96	OK	0	0
11/23	0	09:45	0.91							0.91	OK	0	0
11/24	0	10:15	0.90							0.90	OK	0	0
11/25	0	12:45	1.29							1.29	OK	0	0
11/26	0.05	13:30	1.10							1.10	OK	0	0
11/27	0	12:30	1.01							1.01	OK	0	0
11/28	0	13:45	1.06							1.06	OK	0	0
11/29	0	09:15	0.84							0.84	OK	0	0
11/30	0	09:45	0.80							0.80	OK	0	0

TOTAL

Total

AVERAGE PEAK FLOW