



Monday, November 13, 2023

Re: Flow Rights Utilization Report - October 2023

Attached for your use please find Flow Rights Utilization Report for October 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 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	
Cranford	9.19	3.51	7.47	3.51	7.47	0	0	0
Garwood	3.69	0.60	1.64	0.60	1.64	0	0	0
Kenilworth	2.75	0.85	1.58	0.85	1.58	0	0	0
Mountainside	3.15	0.70	1.36	0.70	1.36	0	0	0
Rahway	17.26	4.82	14.48	4.82	14.48	0	0	0
Roselle Park	1.94	0.31	1.33	0.31	1.33	0	0	0
Scotch Plains	4.73	1.25	2.58	1.25	2.58	0	0	0
Springfield	4.39	2.78	4.08	2.78	4.08	0	0	0
Westfield	10.94	3.16	6.17	3.16	6.17	0	0	0
Woodbridge	3.49	0.85	2.35	0.85	2.35	0	0	0

Notes:

(1) All meters are recorded every 15 minutes.

(2) All flow rates are calculated for each 15-minute interval utilizing the estimated time of travel as per Resolution #20-33.



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)						
10/01	0	00:45	19.43	0.53			4.81	12.85			2.31	OK	0	0
10/02	0	13:00	18.89	0.45			4.58	12.55			2.21	OK	0	0
10/03	0	00:15	17.20	0.49			4.36	11.54			1.80	OK	0	0
10/04	0	23:45	16.10	0.46			4.12	10.45			2.00	OK	0	0
10/05	0	20:30	14.78	0.53			3.72	9.30			2.29	OK	0	0
10/06	0.01	14:45	15.08	0.42			3.36	10.76			1.37	OK	0	0
10/07	0.24	17:45	16.70	0.58			3.74	11.14			2.40	OK	0	0
10/08	0	11:45	16.23	0.49			3.91	10.04			2.77	OK	0	0
10/09	0	14:45	15.75	0.48			3.52	10.82			1.89	OK	0	0
10/10	0.01	11:30	14.94	0.43			3.57	9.91			1.90	OK	0	0
10/11	0	21:30	14.98	0.51			3.69	10.04			1.76	OK	0	0
10/12	0	12:00	15.13	0.44			3.52	10.15			1.90	OK	0	0
10/13	0	11:45	14.49	0.44			3.51	9.66			1.76	OK	0	0
10/14	0.67	18:15	20.19	0.61			4.90	13.35			2.55	OK	0	0
10/15	0.02	13:30	18.39	0.55			4.40	12.45			2.09	OK	0	0
10/16	0	11:30	15.01	0.47			3.51	10.07			1.90	OK	0	0
10/17	0	11:00	14.61	0.37			3.51	9.48			1.99	OK	0	0
10/18	0	21:45	15.55	0.47			3.94	10.59			1.48	OK	0	0
10/19	0	22:45	15.06	0.44			4.01	9.87			1.62	OK	0	0
10/20	0.49	21:30	15.46	0.54			3.73	10.36			1.91	OK	0	0
10/21	0.25	15:30	18.11	0.61			4.33	12.25			2.14	OK	0	0
10/22	0	13:00	16.85	0.58			4.29	11.12			2.03	OK	0	0
10/23	0	11:45	14.78	0.40			3.80	9.44			1.94	OK	0	0
10/24	0	22:30	15.91	0.48			3.92	10.76			1.71	OK	0	0
10/25	0	23:00	14.93	0.46			3.77	9.70			1.93	OK	0	0
10/26	0	22:15	14.79	0.49			4.00	9.53			1.75	OK	0	0
10/27	0	21:30	14.40	0.39			3.89	9.44			1.47	OK	0	0
10/28	0	12:45	15.12	0.51			4.06	9.84			1.73	OK	0	0
10/29	0.41	14:45	16.60	0.54			3.86	11.37			1.92	OK	0	0
10/30	0.59	09:30	22.38	0.61			6.18	14.61			2.20	OK	0	0
10/31	0	23:00	15.03	0.48			4.01	9.80			1.70	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)					
10/01	0	13:30	15.44	1.11	0.30		5.03	2.96	2.02		6.83	OK	0	0
10/02	0	09:15	11.77	1.03	0.29		3.54	2.44	1.49		5.62	OK	0	0
10/03	0	21:00	12.43	0.93	0.27		4.18	2.27	1.38		5.82	OK	0	0
10/04	0	20:00	11.53	0.87	0.25		4.07	2.01	1.35		5.23	OK	0	0
10/05	0	08:30	9.48	0.82	0.23		2.84	1.72	1.09		4.89	OK	0	0
10/06	0.01	09:45	11.21	0.82	0.27		3.49	2.03	1.33		5.46	OK	0	0
10/07	0.24	14:00	13.00	0.89	0.32		4.67	2.35	1.37		5.81	OK	0	0
10/08	0	21:00	11.57	0.78	0.27		4.01	1.98	1.92		4.70	OK	0	0
10/09	0	21:30	11.13	0.81	0.33		4.23	2.02	1.21		4.81	OK	0	0
10/10	0.01	09:15	10.34	0.74	0.29		3.05	1.90	1.95		4.47	OK	0	0
10/11	0	10:00	9.85	0.72	0.31		3.51	1.94	1.11		4.32	OK	0	0
10/12	0	09:15	9.91	0.71	0.27		2.94	1.81	1.86		4.29	OK	0	0
10/13	0	09:30	9.08	0.72	0.29		3.00	1.86	1.04		4.19	OK	0	0
10/14	0.67	15:45	12.97	0.93	0.32		4.56	2.49	1.16		6.01	OK	0	0
10/15	0.02	12:00	12.42	0.87	0.31		4.12	2.25	1.90		5.33	OK	0	0
10/16	0	20:45	10.32	0.78	0.30		3.81	1.97	1.10		4.51	OK	0	0
10/17	0	21:15	10.41	0.74	0.31		3.90	1.96	1.11		4.50	OK	0	0
10/18	0	22:00	11.20	0.70	0.28		4.19	2.01	1.95		4.03	OK	0	0
10/19	0	21:15	9.91	0.70	0.32		3.74	1.98	1.12		4.10	OK	0	0
10/20	0.49	10:45	10.45	0.72	0.29		3.94	2.09	1.15		4.28	OK	0	0
10/21	0.25	11:15	12.20	0.94	0.34		3.90	2.42	1.49		5.67	OK	0	0
10/22	0	12:45	11.32	0.74	0.32		4.16	2.07	1.55		4.61	OK	0	0
10/23	0	21:15	9.93	0.72	0.31		3.81	2.05	1.11		3.99	OK	0	0
10/24	0	21:15	9.90	0.73	0.25		3.83	1.85	1.07		4.13	OK	0	0
10/25	0	08:45	8.48	0.67	0.24		2.53	1.54	1.26		4.06	OK	0	0
10/26	0	10:15	9.52	0.71	0.30		3.58	1.74	1.02		4.19	OK	0	0
10/27	0	09:00	8.05	0.67	0.25		2.63	1.48	1.05		3.81	OK	0	0
10/28	0	13:15	10.17	0.73	0.34		4.16	1.91	1.11		4.06	OK	0	0
10/29	0.41	19:15	11.63	0.79	0.27		4.55	2.12	1.11		4.91	OK	0	0
10/30	0.59	07:45	13.79	0.95	0.25		2.97	2.50	2.04		7.47	OK	0	0
10/31	0	08:45	9.42	0.71	0.25		2.80	1.63	1.19		4.76	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)					
10/01	0	11:00	3.11				0.46	0.48	0.89		1.28	OK	0	0
10/02	0	08:30	2.54				0.40	0.40	0.68		1.06	OK	0	0
10/03	0	08:15	2.30				0.35	0.33	0.64		0.99	OK	0	0
10/04	0	08:30	2.22				0.42	0.37	0.61		0.83	OK	0	0
10/05	0	08:00	1.99				0.32	0.30	0.54		0.83	OK	0	0
10/06	0.01	08:45	2.03				0.36	0.31	0.58		0.78	OK	0	0
10/07	0.24	12:15	2.57				0.35	0.41	0.74		1.07	OK	0	0
10/08	0	09:30	1.90				0.23	0.22	0.53		0.92	OK	0	0
10/09	0	08:45	1.88				0.34	0.23	0.54		0.77	OK	0	0
10/10	0.01	08:00	1.80				0.23	0.22	0.53		0.82	OK	0	0
10/11	0	20:45	2.08				0.35	0.31	0.59		0.83	OK	0	0
10/12	0	08:00	1.78				0.23	0.24	0.47		0.85	OK	0	0
10/13	0	20:30	1.82				0.30	0.26	0.51		0.75	OK	0	0
10/14	0.67	17:45	2.84				0.34	0.41	0.80		1.30	OK	0	0
10/15	0.02	09:30	2.07				0.27	0.23	0.48		1.09	OK	0	0
10/16	0	08:00	1.86				0.24	0.23	0.44		0.96	OK	0	0
10/17	0	08:00	1.82				0.27	0.21	0.47		0.86	OK	0	0
10/18	0	08:00	1.75				0.24	0.21	0.42		0.89	OK	0	0
10/19	0	08:00	1.84				0.33	0.22	0.43		0.87	OK	0	0
10/20	0.49	08:00	1.91				0.27	0.25	0.50		0.89	OK	0	0
10/21	0.25	09:00	2.16				0.20	0.22	0.48		1.26	OK	0	0
10/22	0	11:00	2.15				0.30	0.32	0.66		0.87	OK	0	0
10/23	0	19:00	1.87				0.26	0.21	0.55		0.85	OK	0	0
10/24	0	07:45	1.72				0.22	0.19	0.43		0.88	OK	0	0
10/25	0	07:45	1.54				0.21	0.18	0.42		0.74	OK	0	0
10/26	0	07:45	1.55				0.21	0.17	0.41		0.76	OK	0	0
10/27	0	08:00	1.48				0.23	0.16	0.38		0.70	OK	0	0
10/28	0	11:45	1.90				0.29	0.29	0.61		0.72	OK	0	0
10/29	0.41	18:45	2.17				0.31	0.32	0.65		0.89	OK	0	0
10/30	0.59	07:30	3.04				0.30	0.38	0.72		1.64	OK	0	0
10/31	0	08:00	1.79				0.24	0.22	0.45		0.87	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						
10/01	0	11:15	4.91	0.96			3.39	0.94			1.53	OK	0	0
10/02	0	19:45	4.56	0.89			3.20	0.79			1.45	OK	0	0
10/03	0	20:15	4.47	0.87			3.15	0.80			1.39	OK	0	0
10/04	0	07:30	3.22	0.85			2.26	0.44			1.36	OK	0	0
10/05	0	21:00	4.57	0.81			3.16	0.87			1.35	OK	0	0
10/06	0.01	07:45	3.14	0.81			2.25	0.47			1.24	OK	0	0
10/07	0.24	12:15	4.62	0.82			3.26	0.94			1.24	OK	0	0
10/08	0	11:45	4.34	0.84			3.04	0.88			1.26	OK	0	0
10/09	0	21:00	4.54	0.77			3.20	0.89			1.22	OK	0	0
10/10	0.01	18:45	3.84	0.70			2.63	0.71			1.21	OK	0	0
10/11	0	07:30	2.88	0.73			1.98	0.41			1.23	OK	0	0
10/12	0	18:45	3.73	0.76			2.63	0.68			1.18	OK	0	0
10/13	0	07:30	2.80	0.69			1.89	0.42			1.18	OK	0	0
10/14	0.67	15:45	4.85	0.87			3.22	1.00			1.50	OK	0	0
10/15	0.02	10:45	4.24	0.82			3.01	0.84			1.21	OK	0	0
10/16	0	21:00	4.33	0.70			2.94	0.87			1.22	OK	0	0
10/17	0	20:00	4.12	0.73			2.97	0.79			1.09	OK	0	0
10/18	0	18:00	3.69	0.69			2.52	0.67			1.19	OK	0	0
10/19	0	20:30	4.06	0.93			2.94	0.78			1.26	OK	0	0
10/20	0.49	16:45	4.17	0.87			3.01	0.79			1.25	OK	0	0
10/21	0.25	09:00	3.29	0.88			2.37	0.49			1.32	OK	0	0
10/22	0	10:15	3.62	0.80			2.67	0.67			1.09	OK	0	0
10/23	0	18:30	3.60	0.73			2.58	0.74			1.01	OK	0	0
10/24	0	18:15	3.57	0.76			2.53	0.69			1.12	OK	0	0
10/25	0	20:30	4.11	0.72			2.89	0.78			1.15	OK	0	0
10/26	0	13:45	3.74	0.74			2.67	0.77			1.04	OK	0	0
10/27	0	14:00	3.88	0.65			2.72	0.79			1.02	OK	0	0
10/28	0	11:00	4.19	0.76			3.00	0.87			1.08	OK	0	0
10/29	0.41	16:00	4.62	0.73			3.39	0.95			1.02	OK	0	0
10/30	0.59	07:00	3.87	1.14			2.73	0.70			1.58	OK	0	0
10/31	0	07:30	3.03	0.74			2.23	0.47			1.07	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											
10/01	0	22:30	1.07							1.07	OK	0	0	
10/02	0	13:30	1.08							1.08	OK	0	0	
10/03	0	12:30	1.24							1.24	OK	0	0	
10/04	0	09:45	1.00							1.00	OK	0	0	
10/05	0	22:15	0.99							0.99	OK	0	0	
10/06	0.01	09:45	0.91							0.91	OK	0	0	
10/07	0.24	13:15	1.02							1.02	OK	0	0	
10/08	0	12:30	0.93							0.93	OK	0	0	
10/09	0	21:45	0.98							0.98	OK	0	0	
10/10	0.01	10:15	0.98							0.98	OK	0	0	
10/11	0	09:30	0.95							0.95	OK	0	0	
10/12	0	10:15	0.94							0.94	OK	0	0	
10/13	0	11:00	0.96							0.96	OK	0	0	
10/14	0.67	16:30	1.06							1.06	OK	0	0	
10/15	0.02	13:00	1.00							1.00	OK	0	0	
10/16	0	10:45	0.95							0.95	OK	0	0	
10/17	0	22:15	0.98							0.98	OK	0	0	
10/18	0	22:00	0.96							0.96	OK	0	0	
10/19	0	10:00	1.00							1.00	OK	0	0	
10/20	0.49	10:00	1.02							1.02	OK	0	0	
10/21	0.25	12:15	1.12							1.12	OK	0	0	
10/22	0	22:00	1.00							1.00	OK	0	0	
10/23	0	10:00	1.01							1.01	OK	0	0	
10/24	0	22:00	1.00							1.00	OK	0	0	
10/25	0	09:45	0.99							0.99	OK	0	0	
10/26	0	10:00	0.95							0.95	OK	0	0	
10/27	0	09:45	0.96							0.96	OK	0	0	
10/28	0	12:00	0.92							0.92	OK	0	0	
10/29	0.41	14:15	1.06							1.06	OK	0	0	
10/30	0.59	08:45	1.36							1.36	OK	0	0	
10/31	0	10:00	0.99							0.99	OK	0	0	

TOTAL

Total

AVERAGE PEAK FLOW



FLOW RIGHTS UTILIZATION REPORT

Month/Year

FLOW RIGHTS AVAILABLE (mgd):

MEMBER

No. OF DAYS WITH EXCEEDANCE:

FORMULA

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)				
10/01	0	16:30	32.60	0.00			20.28	1.09	1.96	0.57	8.71	OK	0	0
10/02	0	00:15	30.41	0.00			19.36	1.03	1.71	0.57	7.75	OK	0	0
10/03	0	22:15	26.46	0.00			16.81	0.93	1.39	0.55	6.77	OK	0	0
10/04	0	12:30	25.52	0.00			16.47	0.87	1.17	0.49	6.52	OK	0	0
10/05	0	21:30	23.34	0.00			14.78	0.84	1.07	0.53	6.12	OK	0	0
10/06	0.01	10:00	21.47	0.00			12.72	0.81	0.91	0.46	6.57	OK	0	0
10/07	0.24	14:45	27.56	2.28			18.72	0.90	1.22	0.54	8.46	OK	0	0
10/08	0	11:00	19.03	0.00			9.87	0.74	0.78	0.45	7.20	OK	0	0
10/09	0	20:30	21.34	0.00			13.19	0.79	0.86	0.50	5.99	OK	0	0
10/10	0.01	21:45	22.85	2.86			14.56	0.78	0.85	0.49	9.03	OK	0	0
10/11	0	19:30	20.18	0.00			11.94	0.69	0.76	0.41	6.37	OK	0	0
10/12	0	20:30	19.65	0.00			11.53	0.71	0.81	0.43	6.17	OK	0	0
10/13	0	22:00	20.96	0.00			12.81	0.69	0.73	0.44	6.28	OK	0	0
10/14	0.67	16:30	29.11	0.00			18.31	0.91	1.13	0.58	8.18	OK	0	0
10/15	0.02	10:45	19.13	0.00			10.87	0.72	0.76	0.45	6.34	OK	0	0
10/16	0	20:15	20.71	0.00			12.48	0.73	0.77	0.42	6.32	OK	0	0
10/17	0	10:15	20.72	8.92			13.29	0.71	0.77	0.39	14.48	OK	0	0
10/18	0	01:00	19.48	4.36			13.45	0.62	0.78	0.37	8.62	OK	0	0
10/19	0	09:00	16.61	0.00			8.73	0.62	0.53	0.40	6.33	OK	0	0
10/20	0.49	16:15	23.01	2.89			14.82	0.69	0.84	0.40	9.14	OK	0	0
10/21	0.25	13:45	28.45	2.02			19.28	0.90	1.48	0.61	8.20	OK	0	0
10/22	0	12:00	21.89	0.00			13.54	0.77	0.89	0.48	6.21	OK	0	0
10/23	0	08:45	15.86	0.00			8.56	0.59	0.52	0.34	5.86	OK	0	0
10/24	0	09:00	15.42	0.00			8.16	0.62	0.56	0.36	5.71	OK	0	0
10/25	0	22:15	21.57	0.00			14.08	0.74	0.86	0.45	5.45	OK	0	0
10/26	0	20:45	19.06	0.00			12.00	0.70	0.76	0.44	5.18	OK	0	0
10/27	0	08:45	14.66	0.00			7.45	0.59	0.48	0.40	5.76	OK	0	0
10/28	0	09:45	15.11	0.00			7.82	0.54	0.40	0.35	6.01	OK	0	0
10/29	0.41	17:00	23.33	1.52			16.02	0.73	0.95	0.49	6.65	OK	0	0
10/30	0.59	07:30	20.56	0.00			8.85	0.64	0.47	0.40	10.19	OK	0	0
10/31	0	13:30	22.01	1.54			14.84	0.72	0.84	0.41	6.74	OK	0	0

TOTAL	2.69											Total	0	0
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AVERAGE PEAK FLOW	21.87	0.85	0.00	0.00	13.41	0.75	0.90	0.46
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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								
			RV29				RV30 (-15 min)	RV07 (-30 min)							
10/01	0	09:45	2.50					0.26	0.91			1.33	OK	0	0
10/02	0	10:00	2.32					0.29	0.87			1.16	OK	0	0
10/03	0	10:30	2.21					0.29	0.78			1.15	OK	0	0
10/04	0	11:00	2.10					0.30	0.74			1.06	OK	0	0
10/05	0	02:15	1.86					0.17	0.60			1.09	OK	0	0
10/06	0.01	19:15	2.15					0.28	0.75			1.12	OK	0	0
10/07	0.24	11:30	2.15					0.33	0.80			1.03	OK	0	0
10/08	0	18:45	2.07					0.25	0.73			1.09	OK	0	0
10/09	0	13:30	2.12					0.28	0.80			1.03	OK	0	0
10/10	0.01	08:30	2.00					0.27	0.71			1.02	OK	0	0
10/11	0	17:45	1.86					0.27	0.62			0.98	OK	0	0
10/12	0	06:30	1.73					0.19	0.50			1.04	OK	0	0
10/13	0	05:45	1.55					0.17	0.43			0.95	OK	0	0
10/14	0.67	19:15	2.10					0.29	0.84			0.97	OK	0	0
10/15	0.02	12:00	2.14					0.30	0.82			1.02	OK	0	0
10/16	0	22:30	1.84					0.24	0.64			0.96	OK	0	0
10/17	0	07:30	1.92					0.27	0.65			1.00	OK	0	0
10/18	0	21:00	1.99					0.27	0.70			1.02	OK	0	0
10/19	0	07:30	1.96					0.25	0.66			1.06	OK	0	0
10/20	0.49	05:30	1.78					0.18	0.46			1.14	OK	0	0
10/21	0.25	16:00	2.12					0.27	0.78			1.07	OK	0	0
10/22	0	10:00	2.09					0.29	0.73			1.08	OK	0	0
10/23	0	06:00	1.66					0.19	0.48			0.99	OK	0	0
10/24	0	21:45	1.97					0.27	0.71			0.99	OK	0	0
10/25	0	08:45	1.97					0.28	0.68			1.01	OK	0	0
10/26	0	06:30	1.74					0.21	0.49			1.04	OK	0	0
10/27	0	04:45	1.59					0.18	0.39			1.02	OK	0	0
10/28	0	07:00	1.60					0.20	0.41			0.99	OK	0	0
10/29	0.41	13:45	1.89					0.26	0.69			0.94	OK	0	0
10/30	0.59	07:00	2.31					0.29	0.86			1.16	OK	0	0
10/31	0	18:00	1.90					0.25	0.67			0.98	OK	0	0

TOTAL	2.69											Total	0	0
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AVERAGE PEAK FLOW	1.97	0.00	0.00	0.25	0.67	0.00	0.00
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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							
			RV18	RV19										
10/01	0	12:30	1.68	0.90							2.58	OK	0	0
10/02	0	21:45	1.65	0.87							2.51	OK	0	0
10/03	0	09:00	1.55	0.91							2.46	OK	0	0
10/04	0	08:30	1.42	0.88							2.30	OK	0	0
10/05	0	09:45	1.28	0.87							2.15	OK	0	0
10/06	0.01	09:45	1.31	0.84							2.15	OK	0	0
10/07	0.24	11:30	1.27	0.94							2.21	OK	0	0
10/08	0	12:15	1.34	0.87							2.21	OK	0	0
10/09	0	21:30	1.37	0.80							2.17	OK	0	0
10/10	0.01	09:00	1.43	0.91							2.34	OK	0	0
10/11	0	08:30	1.29	0.90							2.19	OK	0	0
10/12	0	09:30	1.18	0.85							2.02	OK	0	0
10/13	0	10:00	1.14	0.89							2.03	OK	0	0
10/14	0.67	18:15	1.38	0.90							2.28	OK	0	0
10/15	0.02	11:45	1.42	0.88							2.30	OK	0	0
10/16	0	08:45	1.37	0.88							2.25	OK	0	0
10/17	0	08:15	1.27	0.90							2.17	OK	0	0
10/18	0	09:30	1.29	0.90							2.19	OK	0	0
10/19	0	08:30	1.14	0.85							1.99	OK	0	0
10/20	0.49	08:45	1.25	0.86							2.11	OK	0	0
10/21	0.25	11:00	1.40	0.92							2.32	OK	0	0
10/22	0	21:00	1.24	0.89							2.13	OK	0	0
10/23	0	09:45	1.14	0.83							1.97	OK	0	0
10/24	0	20:30	1.07	0.89							1.96	OK	0	0
10/25	0	09:00	1.15	0.90							2.04	OK	0	0
10/26	0	08:30	1.10	0.90							2.01	OK	0	0
10/27	0	10:15	1.08	0.88							1.95	OK	0	0
10/28	0	11:30	1.10	0.88							1.97	OK	0	0
10/29	0.41	21:45	1.16	0.87							2.03	OK	0	0
10/30	0.59	09:00	1.52	0.85							2.37	OK	0	0
10/31	0	08:45	1.15	0.90							2.05	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							
			RV01											
10/01	0	15:00	3.85							3.85	OK	0	0	
10/02	0	23:00	3.68							3.68	OK	0	0	
10/03	0	10:15	3.66							3.66	OK	0	0	
10/04	0	21:45	3.65							3.65	OK	0	0	
10/05	0	11:00	3.51							3.51	OK	0	0	
10/06	0.01	11:00	3.44							3.44	OK	0	0	
10/07	0.24	15:00	3.76							3.76	OK	0	0	
10/08	0	12:30	3.46							3.46	OK	0	0	
10/09	0	22:00	3.39							3.39	OK	0	0	
10/10	0.01	21:30	3.24							3.24	OK	0	0	
10/11	0	21:15	3.25							3.25	OK	0	0	
10/12	0	09:30	3.21							3.21	OK	0	0	
10/13	0	11:30	3.19							3.19	OK	0	0	
10/14	0.67	19:15	3.95							3.95	OK	0	0	
10/15	0.02	13:15	3.63							3.63	OK	0	0	
10/16	0	21:45	3.38							3.38	OK	0	0	
10/17	0	22:00	3.33							3.33	OK	0	0	
10/18	0	09:30	3.23							3.23	OK	0	0	
10/19	0	22:15	3.21							3.21	OK	0	0	
10/20	0.49	21:00	3.43							3.43	OK	0	0	
10/21	0.25	13:30	3.90							3.90	OK	0	0	
10/22	0	13:30	3.43							3.43	OK	0	0	
10/23	0	21:30	3.33							3.33	OK	0	0	
10/24	0	21:15	3.31							3.31	OK	0	0	
10/25	0	22:00	3.18							3.18	OK	0	0	
10/26	0	22:15	3.16							3.16	OK	0	0	
10/27	0	10:00	3.14							3.14	OK	0	0	
10/28	0	12:45	3.34							3.34	OK	0	0	
10/29	0.41	20:30	3.58							3.58	OK	0	0	
10/30	0.59	09:45	4.08							4.08	OK	0	0	
10/31	0	00:30	3.44							3.44	OK	0	0	

TOTAL

Total

AVERAGE PEAK FLOW



FLOW RIGHTS UTILIZATION REPORT

Month/Year

FLOW RIGHTS AVAILABLE (mgd):

MEMBER

No. OF DAYS WITH EXCEEDANCE:

FORMULA

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)						
10/01	0	20:00	0.57	0.51	0.89	5.24	1.33	0.12			5.75	OK	0	0
10/02	0	10:15	0.47	0.40	0.79	5.06	1.61	0.00			5.12	OK	0	0
10/03	0	20:45	0.43	0.47	0.78	4.63	1.16	0.18			4.96	OK	0	0
10/04	0	21:45	0.50	0.38	0.75	4.40	1.23	0.00			4.80	OK	0	0
10/05	0	21:30	0.39	0.44	0.75	4.37	1.21	0.26			4.47	OK	0	0
10/06	0.01	10:00	0.33	0.38	0.71	4.10	1.36	0.00			4.15	OK	0	0
10/07	0.24	13:45	0.50	0.54	0.84	4.44	1.23	0.24			4.85	OK	0	0
10/08	0	13:00	0.32	0.29	0.80	4.09	1.34	0.00			4.16	OK	0	0
10/09	0	20:30	0.40	0.48	0.70	3.96	1.13	0.05			4.36	OK	0	0
10/10	0.01	20:45	0.37	0.42	0.72	3.91	1.07	0.00			4.34	OK	0	0
10/11	0	22:30	0.28	0.42	0.64	3.91	1.28	0.00			3.97	OK	0	0
10/12	0	20:45	0.30	0.50	0.63	3.49	1.05	0.00			3.87	OK	0	0
10/13	0	09:30	0.35	0.40	0.66	3.57	1.13	0.00			3.85	OK	0	0
10/14	0.67	18:30	0.43	0.42	0.82	4.85	1.33	0.00			5.18	OK	0	0
10/15	0.02	12:00	0.45	0.34	0.68	4.65	1.43	0.31			4.38	OK	0	0
10/16	0	21:45	0.32	0.30	0.57	4.05	1.29	0.00			3.95	OK	0	0
10/17	0	21:00	0.36	0.33	0.66	3.98	1.09	0.48			3.76	OK	0	0
10/18	0	21:00	0.42	0.31	0.64	4.13	1.03	0.27			4.19	OK	0	0
10/19	0	20:45	0.44	0.32	0.67	3.65	0.96	0.00			4.13	OK	0	0
10/20	0.49	10:15	0.36	0.35	0.70	4.23	1.24	0.06			4.34	OK	0	0
10/21	0.25	11:15	0.44	0.40	0.80	4.91	1.21	0.13			5.21	OK	0	0
10/22	0	20:30	0.39	0.50	0.71	4.25	1.07	0.00			4.78	OK	0	0
10/23	0	20:45	0.36	0.34	0.59	3.91	1.01	0.00			4.20	OK	0	0
10/24	0	21:15	0.34	0.34	0.67	4.22	1.07	0.11			4.39	OK	0	0
10/25	0	21:30	0.31	0.24	0.67	3.88	1.11	0.00			3.98	OK	0	0
10/26	0	21:00	0.37	0.29	0.65	3.98	1.00	0.11			4.17	OK	0	0
10/27	0	09:45	0.29	0.24	0.66	4.06	1.17	0.00			4.07	OK	0	0
10/28	0	11:45	0.32	0.31	0.62	4.04	1.07	0.12			4.10	OK	0	0
10/29	0.41	20:00	0.35	0.37	0.70	4.67	1.10	0.12			4.87	OK	0	0
10/30	0.59	09:15	0.36	0.42	0.90	6.05	1.57	0.00			6.17	OK	0	0
10/31	0	09:00	0.31	0.29	0.60	4.03	0.92	0.00			4.30	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											
10/01	0	12:15	2.35							2.35	OK	0	0	
10/02	0	09:30	1.86							1.86	OK	0	0	
10/03	0	09:30	1.56							1.56	OK	0	0	
10/04	0	09:00	1.34							1.34	OK	0	0	
10/05	0	09:45	1.19							1.19	OK	0	0	
10/06	0.01	09:45	1.13							1.13	OK	0	0	
10/07	0.24	13:15	1.26							1.26	OK	0	0	
10/08	0	12:15	1.21							1.21	OK	0	0	
10/09	0	21:30	1.02							1.02	OK	0	0	
10/10	0.01	22:00	0.97							0.97	OK	0	0	
10/11	0	09:45	0.96							0.96	OK	0	0	
10/12	0	09:30	0.94							0.94	OK	0	0	
10/13	0	09:30	0.87							0.87	OK	0	0	
10/14	0.67	17:15	1.36							1.36	OK	0	0	
10/15	0.02	12:15	1.28							1.28	OK	0	0	
10/16	0	21:45	0.96							0.96	OK	0	0	
10/17	0	21:30	0.93							0.93	OK	0	0	
10/18	0	21:15	0.90							0.90	OK	0	0	
10/19	0	10:15	1.00							1.00	OK	0	0	
10/20	0.49	17:15	0.91							0.91	OK	0	0	
10/21	0.25	13:15	1.55							1.55	OK	0	0	
10/22	0	11:30	1.18							1.18	OK	0	0	
10/23	0	22:00	0.92							0.92	OK	0	0	
10/24	0	10:00	0.86							0.86	OK	0	0	
10/25	0	20:45	0.86							0.86	OK	0	0	
10/26	0	10:00	0.86							0.86	OK	0	0	
10/27	0	09:30	0.84							0.84	OK	0	0	
10/28	0	12:45	0.96							0.96	OK	0	0	
10/29	0.41	17:30	1.08							1.08	OK	0	0	
10/30	0.59	08:30	1.61							1.61	OK	0	0	
10/31	0	09:45	0.97							0.97	OK	0	0	

TOTAL

Total

AVERAGE PEAK FLOW