



Tuesday, July 16, 2019

Re: Flow Rights Utilization Report - June 2019

Attached for your use please find Flow Rights Utilization Report for June 2019. The results are summarized below by town. The last column indicates the total 2019 measuring year flow rights exceedances for each municipality.

Member	Flow Rights (MGD)	Current Month		Measuring Year to Date		No. of Days Above Limit (2)	
		Avg Flow Rate (MGD)	Max Flow Rate (MGD)	Avg Flow Rate (MGD)	Max Flow Rate (MGD)	Current Month	Total for 2019 Measuring Year
		Clark	4.95	1.75	4.74	1.72	9.54
Cranford	9.19	3.86	8.61	4.26	14.40	0	18
Garwood	4.19	0.94	2.57	0.79	2.81	0	0
Kenilworth	2.75	1.69	3.12	1.63	3.74	1	21
Mountainside	3.15	0.84	1.64	0.86	1.91	0	0
Rahway	17.26	7.68	20.76	4.97	33.21	4	15
Roselle Park	1.94	0.73	1.63	0.72	1.98	0	1
Scotch Plains	4.73	1.42	2.64	1.51	3.92	0	0
Springfield	3.89	3.15	5.14	3.12	6.37	10	83
Westfield	10.94	4.55	9.86	4.64	13.00	0	8
Woodbridge	3.49	1.46	5.99	1.44	6.31	3	29

Notes:

- (1) All flow rates are based on the instantaneous meter readings for all meters.
- (2) All meters are recorded every 15 minutes.
- (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.



## FLOW RIGHTS UTILIZATION REPORT

Month/Year

FLOW RIGHTS AVAILABLE (mgd):

MEMBER

No. OF VIOLATIONS THIS MONTH:

FORMULA

MAX. FLOW:  AVG. FLOW

Day of Month	Rainfall (in)	Time of Day at Max Flow	METERED FLOW RATE (mgd) AT PEAK UTILIZATION								Flow Rights Utilization (mgd)	STATUS
			OUTFLOW METERS				INFLOW METERS					
			RV11	RV17			RV09	RV10				
6/01	0	01:45	19.62	0.54			4.39	13.00			2.77	OK
6/02	0.44	14:00	20.57	0.62			5.02	13.47			2.71	OK
6/03	0	01:15	25.11	0.73			6.26	16.16			3.42	OK
6/04	0	02:30	16.55	0.50			3.76	10.93			2.35	OK
6/05	0	01:00	18.23	0.45			4.26	11.70			2.72	OK
6/06	0.22	00:30	18.10	0.49			4.37	11.81			2.41	OK
6/07	0	12:45	17.67	0.47			4.44	11.25			2.44	OK
6/08	0	12:45	18.24	0.52			4.59	11.90			2.28	OK
6/09	0	15:00	16.93	0.54			4.29	10.93			2.24	OK
6/10	0.64	00:30	16.04	0.49			3.79	10.37			2.38	OK
6/11	0.22	12:30	19.99	0.56			4.61	13.31			2.63	OK
6/12	0	00:00	17.60	0.51			4.27	11.22			2.62	OK
6/13	0.81	13:45	23.39	0.60			5.75	15.38			2.85	OK
6/14	0	00:30	19.10	0.53			4.68	12.08			2.87	OK
6/15	0	23:00	16.24	0.52			4.07	10.38			2.31	OK
6/16	0.02	22:45	17.53	0.48			4.50	11.23			2.28	OK
6/17	0	01:30	14.79	0.46			3.15	9.84			2.26	OK
6/18	1.59	21:00	29.29	0.90			8.27	18.50			3.41	OK
6/19	0.08	00:15	25.79	0.74			6.26	16.48			3.80	OK
6/20	0.34	00:15	20.04	0.51			4.92	12.53			3.10	OK
6/21	0.99	16:30	31.45	0.83			8.19	19.35			4.74	OK
6/22	0	00:15	25.40	0.70			6.53	15.90			3.68	OK
6/23	0	13:45	21.45	0.53			5.59	13.40			3.00	OK
6/24	0	00:15	19.51	0.46			4.79	12.43			2.76	OK
6/25	0.89	09:30	29.07	0.79			7.73	18.89			3.25	OK
6/26	0	13:00	19.74	0.50			4.78	12.51			2.95	OK
6/27	0	14:30	18.18	0.51			4.20	11.51			2.97	OK
6/28	0	02:00	15.60	0.48			3.43	9.96			2.70	OK
6/29	0.66	20:15	20.86	0.48			4.72	13.15			3.48	OK
6/30	0	16:00	17.81	0.49			4.22	11.12			2.96	OK

TOTAL

AVERAGE PEAK FLOW



## FLOW RIGHTS UTILIZATION REPORT

Month/Year

FLOW RIGHTS AVAILABLE (mgd):

MEMBER

No. OF VIOLATIONS THIS MONTH:

FORMULA

MAX. FLOW:  AVG. FLOW

Day of Month	Rainfall (in)	Time of Day at Max Flow	METERED FLOW RATE (mgd) AT PEAK UTILIZATION								Flow Rights Utilization (mgd)	STATUS
			OUTFLOW METERS				INFLOW METERS					
			RV10	RV13	RV30		RV02	RV03	RV29			
6/01	0	13:00	15.15	1.10	0.24		5.95	2.81	1.73		6.00	OK
6/02	0.44	23:45	17.54	1.24	0.26		6.80	3.73	2.55		5.96	OK
6/03	0	01:00	16.68	1.11	0.29		6.10	3.03	1.54		7.42	OK
6/04	0	12:45	13.43	1.01	0.22		5.28	2.46	1.46		5.46	OK
6/05	0	00:30	12.78	0.91	0.23		5.03	2.26	1.33		5.31	OK
6/06	0.22	01:00	11.71	0.85	0.22		4.69	2.02	1.22		4.86	OK
6/07	0	11:45	12.31	0.95	0.20		5.25	2.24	1.38		4.59	OK
6/08	0	15:15	11.96	0.85	0.22		4.95	2.15	1.39		4.54	OK
6/09	0	12:45	12.29	0.88	0.18		5.15	2.34	1.49		4.36	OK
6/10	0.64	17:15	13.42	1.10	0.21		5.27	2.81	1.54		5.11	OK
6/11	0.22	14:00	12.63	0.99	0.21		5.15	2.27	1.48		4.92	OK
6/12	0	01:00	11.31	0.79	0.19		4.60	1.79	1.29		4.61	OK
6/13	0.81	14:15	14.85	1.06	0.24		5.70	2.71	1.58		6.17	OK
6/14	0	02:15	11.31	0.88	0.21		4.22	2.00	1.24		4.94	OK
6/15	0	15:15	12.08	0.90	0.17		5.02	2.21	1.47		4.45	OK
6/16	0.02	16:00	11.94	0.83	0.21		5.00	2.15	1.32		4.50	OK
6/17	0	01:15	10.26	0.68	0.15		4.12	1.54	1.04		4.39	OK
6/18	1.59	20:45	19.87	1.24	0.29		7.35	4.11	2.21		7.74	OK
6/19	0.08	00:00	17.27	1.09	0.26		6.38	3.76	1.78		6.69	OK
6/20	0.34	19:00	14.48	1.09	0.31		5.44	2.96	1.74		5.74	OK
6/21	0.99	16:00	20.08	1.33	0.43		7.18	4.12	1.93		8.61	OK
6/22	0	00:15	15.90	1.12	0.27		5.91	3.41	1.64		6.33	OK
6/23	0	01:15	12.63	0.97	0.23		4.92	2.49	1.36		5.05	OK
6/24	0	00:00	12.71	0.98	0.22		5.23	2.50	1.40		4.79	OK
6/25	0.89	12:30	17.56	1.11	0.30		6.90	3.37	2.08		6.64	OK
6/26	0	00:00	14.05	0.99	0.26		5.72	2.75	1.51		5.33	OK
6/27	0	00:15	12.34	0.91	0.29		5.21	2.33	1.41		4.60	OK
6/28	0	12:45	12.07	0.95	0.34		5.14	2.26	1.48		4.47	OK
6/29	0.66	19:00	14.72	1.12	0.30		5.48	2.99	1.86		5.80	OK
6/30	0	15:00	12.15	0.89	0.27		5.11	2.26	1.44		4.49	OK

TOTAL

AVERAGE PEAK FLOW



## FLOW RIGHTS UTILIZATION REPORT

Month/Year

FLOW RIGHTS AVAILABLE (mgd):

MEMBER

No. OF VIOLATIONS THIS MONTH:

FORMULA

MAX. FLOW:  AVG. FLOW

Day of Month	Rainfall (in)	Time of Day at Max Flow	METERED FLOW RATE (mgd) AT PEAK UTILIZATION								Flow Rights Utilization (mgd)	STATUS
			OUTFLOW METERS				INFLOW METERS					
			RV03				RV04	RV05	RV06			
6/01	0	00:45	2.71				0.29	0.45	0.72		1.24	OK
6/02	0.44	23:00	4.50				0.38	0.63	1.16		2.34	OK
6/03	0	00:00	3.61				0.33	0.58	0.96		1.74	OK
6/04	0	22:45	2.75				0.28	0.51	0.76		1.20	OK
6/05	0	10:45	2.54				0.29	0.41	0.70		1.15	OK
6/06	0.22	09:30	2.72				0.29	0.50	0.79		1.14	OK
6/07	0	10:00	2.47				0.32	0.53	0.70		0.92	OK
6/08	0	10:15	2.42				0.31	0.55	0.70		0.86	OK
6/09	0	12:45	2.34				0.27	0.48	0.67		0.93	OK
6/10	0.64	16:15	2.88				0.30	0.50	0.83		1.25	OK
6/11	0.22	08:30	3.01				0.35	0.62	0.86		1.18	OK
6/12	0	23:00	2.28				0.26	0.50	0.60		0.92	OK
6/13	0.81	11:15	4.30				0.45	0.61	1.09		2.15	OK
6/14	0	10:15	2.58				0.29	0.45	0.75		1.10	OK
6/15	0	10:15	2.54				0.33	0.51	0.70		1.01	OK
6/16	0.02	13:15	2.48				0.29	0.50	0.72		0.97	OK
6/17	0	09:45	2.35				0.30	0.45	0.67		0.94	OK
6/18	1.59	16:30	4.27				0.41	0.69	1.16		2.02	OK
6/19	0.08	00:00	3.76				0.35	0.69	1.02		1.70	OK
6/20	0.34	08:30	3.53				0.42	0.67	0.96		1.48	OK
6/21	0.99	09:15	5.29				0.59	0.96	1.38		2.36	OK
6/22	0	00:00	3.65				0.37	0.61	1.02		1.65	OK
6/23	0	03:15	2.22				0.19	0.38	0.39		1.26	OK
6/24	0	12:00	2.68				0.27	0.49	0.81		1.11	OK
6/25	0.89	07:30	4.66				0.56	0.94	0.60		2.57	OK
6/26	0	10:15	2.92				0.25	0.56	0.88		1.22	OK
6/27	0	00:00	2.41				0.22	0.45	0.68		1.07	OK
6/28	0	10:45	2.44				0.22	0.51	0.75		0.96	OK
6/29	0.66	18:15	3.19				0.36	0.58	0.85		1.39	OK
6/30	0	13:30	2.48				0.23	0.47	0.72		1.06	OK

TOTAL

AVERAGE PEAK FLOW



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			OUTFLOW METERS				INFLOW METERS					
			RV02	RV07			RV01	RV20				
6/01	0	14:00	5.92	0.99			3.73	1.03			2.16	OK
6/02	0.44	22:15	6.37	1.18			4.07	1.07			2.41	OK
6/03	0	00:30	6.58	0.91			4.33	1.14			2.02	OK
6/04	0	10:45	5.67	0.86			3.47	1.04			2.02	OK
6/05	0	21:45	5.43	0.87			3.36	0.95			1.99	OK
6/06	0.22	22:00	5.30	0.87			3.28	0.95			1.93	OK
6/07	0	12:45	5.12	0.78			3.09	0.92			1.88	OK
6/08	0	11:15	5.15	0.88			3.12	0.97			1.94	OK
6/09	0	12:00	5.07	0.83			3.05	0.95			1.89	OK
6/10	0.64	17:45	5.36	0.93			3.24	0.95			2.10	OK
6/11	0.22	07:15	4.47	0.94			2.90	0.63			1.88	OK
6/12	0	21:30	4.99	0.83			3.05	0.92			1.84	OK
6/13	0.81	10:45	6.26	1.13			3.98	1.27			2.15	OK
6/14	0	09:15	5.13	1.19			3.30	1.09			1.93	OK
6/15	0	13:00	5.33	0.86			3.25	0.98			1.96	OK
6/16	0.02	14:30	5.25	0.78			3.17	0.94			1.92	OK
6/17	0	19:30	4.48	0.76			2.68	0.81			1.75	OK
6/18	1.59	14:15	5.94	1.40			3.64	1.08			2.63	OK
6/19	0.08	14:30	5.46	0.94			3.34	0.99			2.07	OK
6/20	0.34	21:00	5.66	0.93			3.61	1.00			1.99	OK
6/21	0.99	11:45	7.76	1.21			5.00	1.46			2.52	OK
6/22	0	11:45	6.28	1.08			4.00	1.15			2.21	OK
6/23	0	21:15	5.46	0.87			3.32	0.98			2.04	OK
6/24	0	17:15	4.94	0.85			3.00	0.88			1.91	OK
6/25	0.89	07:15	5.35	1.58			3.02	0.79			3.12	Violation
6/26	0	16:30	5.30	0.93			3.28	0.94			2.01	OK
6/27	0	12:00	5.33	0.91			3.27	1.00			1.96	OK
6/28	0	14:45	5.06	0.82			3.07	0.91			1.90	OK
6/29	0.66	18:00	5.45	1.26			3.18	0.85			2.68	OK
6/30	0	12:45	5.40	0.89			3.30	0.96			2.02	OK

TOTAL

AVERAGE PEAK FLOW



## FLOW RIGHTS UTILIZATION REPORT

Month/Year

FLOW RIGHTS AVAILABLE (mgd):

MEMBER

No. OF VIOLATIONS THIS MONTH:

FORMULA

MAX. FLOW:  AVG. FLOW

Day of Month	Rainfall (in)	Time of Day at Max Flow	METERED FLOW RATE (mgd) AT PEAK UTILIZATION								Flow Rights Utilization (mgd)	STATUS
			OUTFLOW METERS				INFLOW METERS					
			RV20									
6/01	0	11:30	1.11								1.11	OK
6/02	0.44	23:30	1.43								1.43	OK
6/03	0	00:00	1.36								1.36	OK
6/04	0	09:15	1.18								1.18	OK
6/05	0	09:15	1.13								1.13	OK
6/06	0.22	09:30	1.14								1.14	OK
6/07	0	09:30	1.15								1.15	OK
6/08	0	11:45	1.00								1.00	OK
6/09	0	22:45	0.97								0.97	OK
6/10	0.64	09:30	1.09								1.09	OK
6/11	0.22	09:30	1.13								1.13	OK
6/12	0	09:15	1.10								1.10	OK
6/13	0.81	12:00	1.36								1.36	OK
6/14	0	09:45	1.13								1.13	OK
6/15	0	12:45	1.01								1.01	OK
6/16	0.02	12:45	0.98								0.98	OK
6/17	0	09:30	1.08								1.08	OK
6/18	1.59	16:00	1.58								1.58	OK
6/19	0.08	09:45	1.16								1.16	OK
6/20	0.34	09:30	1.21								1.21	OK
6/21	0.99	10:30	1.64								1.64	OK
6/22	0	11:30	1.17								1.17	OK
6/23	0	12:30	1.06								1.06	OK
6/24	0	09:45	1.09								1.09	OK
6/25	0.89	09:00	1.59								1.59	OK
6/26	0	10:00	1.13								1.13	OK
6/27	0	10:00	1.07								1.07	OK
6/28	0	10:15	1.06								1.06	OK
6/29	0.66	19:15	1.20								1.20	OK
6/30	0	12:15	0.97								0.97	OK

TOTAL

AVERAGE PEAK FLOW



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Month/Year

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Day of Month	Rainfall (in)	Time of Day at Max Flow	METERED FLOW RATE (mgd) AT PEAK UTILIZATION								Flow Rights Utilization (mgd)	STATUS
			OUTFLOW METERS				INFLOW METERS					
			RV14	RV31			RV11	RV13	RV15	RV17		
6/01	0	02:15	31.92	0.00			18.17	0.97	1.54	0.50	10.74	OK
6/02	0.44	21:45	37.07	0.00			22.50	1.12	1.65	0.65	11.14	OK
6/03	0	01:45	38.76	0.00			23.02	1.09	1.17	0.68	12.81	OK
6/04	0	00:30	31.09	0.00			19.28	0.97	1.11	0.50	9.22	OK
6/05	0	01:30	28.41	0.00			16.69	0.86	0.93	0.48	9.45	OK
6/06	0.22	02:00	28.54	0.00			15.59	0.81	1.03	0.48	10.63	OK
6/07	0	01:15	27.86	0.00			15.94	0.80	0.98	0.43	9.73	OK
6/08	0	14:15	29.05	0.00			17.28	0.88	1.28	0.49	9.12	OK
6/09	0	14:45	28.49	0.00			16.83	0.84	1.10	0.56	9.16	OK
6/10	0.64	18:30	33.92	0.00			19.34	1.09	1.51	0.57	11.40	OK
6/11	0.22	00:45	30.02	0.00			17.57	0.89	1.15	0.47	9.95	OK
6/12	0	00:15	28.28	0.00			17.21	0.84	1.13	0.51	8.60	OK
6/13	0.81	14:00	39.95	0.00			22.74	1.06	1.86	0.57	13.72	OK
6/14	0	01:00	31.58	0.00			17.74	0.96	1.58	0.51	10.79	OK
6/15	0	15:00	28.42	0.00			17.34	0.91	1.39	0.48	8.31	OK
6/16	0.02	23:15	27.98	0.00			16.88	0.80	1.20	0.46	8.65	OK
6/17	0	00:30	26.12	0.00			15.61	0.74	1.03	0.48	8.27	OK
6/18	1.59	23:15	52.95	0.00			27.22	1.10	4.94	0.72	18.97	Violation
6/19	0.08	01:15	47.06	0.00			22.42	0.99	3.65	0.71	19.28	Violation
6/20	0.34	10:45	36.64	0.00			21.84	1.02	2.17	0.57	11.04	OK
6/21	0.99	16:15	56.38	1.40			30.91	1.32	3.97	0.82	20.76	Violation
6/22	0	00:00	45.51	0.00			25.51	1.13	2.54	0.74	15.59	OK
6/23	0	14:30	34.40	0.00			20.66	1.00	1.98	0.45	10.30	OK
6/24	0	02:00	27.81	0.00			15.94	0.87	1.16	0.49	9.35	OK
6/25	0.89	11:00	47.96	0.00			26.50	1.13	2.34	0.72	17.28	Violation
6/26	0	00:30	35.29	0.00			20.41	0.97	1.74	0.52	11.65	OK
6/27	0	01:30	28.89	0.00			16.60	0.84	1.13	0.43	9.89	OK
6/28	0	14:00	28.36	0.00			17.20	0.93	1.37	0.48	8.39	OK
6/29	0.66	20:00	36.90	0.00			21.24	1.00	1.54	0.50	12.62	OK
6/30	0	00:30	28.07	0.00			16.39	0.82	1.15	0.50	9.20	OK

TOTAL

AVERAGE PEAK FLOW



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Month/Year

FLOW RIGHTS AVAILABLE (mgd):

MEMBER

No. OF VIOLATIONS THIS MONTH:

FORMULA

MAX. FLOW:  AVG. FLOW

Day of Month	Rainfall (in)	Time of Day at Max Flow	METERED FLOW RATE (mgd) AT PEAK UTILIZATION							Flow Rights Utilization (mgd)	STATUS
			OUTFLOW METERS				INFLOW METERS				
			RV29				RV30	RV07			
6/01	0	15:00	2.51				0.23	1.02		1.27	OK
6/02	0.44	23:15	2.67				0.23	1.02		1.42	OK
6/03	0	20:15	2.41				0.23	0.86		1.32	OK
6/04	0	11:30	2.38				0.19	0.88		1.32	OK
6/05	0	08:15	2.46				0.24	0.88		1.34	OK
6/06	0.22	08:30	2.40				0.20	0.86		1.33	OK
6/07	0	21:15	2.20				0.16	0.78		1.26	OK
6/08	0	00:30	2.04				0.18	0.65		1.21	OK
6/09	0	11:45	2.33				0.24	0.83		1.26	OK
6/10	0.64	15:00	2.40				0.19	0.89		1.32	OK
6/11	0.22	08:15	2.50				0.26	0.94		1.30	OK
6/12	0	09:15	2.25				0.21	0.82		1.22	OK
6/13	0.81	21:00	2.42				0.24	0.86		1.32	OK
6/14	0	09:45	2.40				0.21	0.84		1.35	OK
6/15	0	11:00	2.47				0.18	0.88		1.41	OK
6/16	0.02	11:00	2.44				0.22	0.86		1.36	OK
6/17	0	07:00	2.17				0.21	0.74		1.22	OK
6/18	1.59	15:15	3.15				0.26	1.26		1.63	OK
6/19	0.08	09:15	2.54				0.21	0.96		1.38	OK
6/20	0.34	08:00	2.60				0.30	0.98		1.32	OK
6/21	0.99	21:45	2.60				0.32	0.98		1.30	OK
6/22	0	13:15	2.55				0.31	0.99		1.26	OK
6/23	0	11:30	2.45				0.27	0.94		1.25	OK
6/24	0	09:30	2.38				0.24	0.89		1.25	OK
6/25	0.89	08:15	3.16				0.27	1.35		1.54	OK
6/26	0	10:45	2.42				0.28	0.93		1.21	OK
6/27	0	16:45	2.39				0.29	0.88		1.23	OK
6/28	0	10:15	2.45				0.30	0.84		1.31	OK
6/29	0.66	10:15	2.35				0.26	0.88		1.21	OK
6/30	0	10:45	2.37				0.29	0.90		1.18	OK

TOTAL

AVERAGE PEAK FLOW





## FLOW RIGHTS UTILIZATION REPORT

Month/Year

FLOW RIGHTS AVAILABLE (mgd):

MEMBER

No. OF VIOLATIONS THIS MONTH:

FORMULA

MAX. FLOW:  AVG. FLOW

Day of Month	Rainfall (in)	Time of Day at Max Flow	METERED FLOW RATE (mgd) AT PEAK UTILIZATION								Flow Rights Utilization (mgd)	STATUS
			OUTFLOW METERS				INFLOW METERS					
			RV18	RV19								
6/01	0	11:30	1.13	0.74							1.87	OK
6/02	0.44	22:45	1.48	0.71							2.19	OK
6/03	0	08:30	1.28	0.73							2.01	OK
6/04	0	08:45	1.21	0.71							1.92	OK
6/05	0	09:00	1.24	0.68							1.92	OK
6/06	0.22	09:15	1.25	0.67							1.92	OK
6/07	0	09:00	1.23	0.70							1.93	OK
6/08	0	10:30	1.13	0.74							1.87	OK
6/09	0	21:45	1.19	0.66							1.86	OK
6/10	0.64	22:00	1.24	0.68							1.92	OK
6/11	0.22	08:30	1.38	0.70							2.08	OK
6/12	0	08:30	1.22	0.77							1.99	OK
6/13	0.81	10:30	1.72	0.84							2.56	OK
6/14	0	08:30	1.10	0.75							1.85	OK
6/15	0	10:45	1.08	0.75							1.83	OK
6/16	0.02	11:00	1.03	0.72							1.75	OK
6/17	0	08:30	1.10	0.72							1.83	OK
6/18	1.59	19:45	1.75	0.87							2.61	OK
6/19	0.08	08:45	1.36	0.76							2.13	OK
6/20	0.34	09:00	1.35	0.70							2.05	OK
6/21	0.99	12:15	1.74	0.84							2.58	OK
6/22	0	12:15	1.32	0.77							2.08	OK
6/23	0	10:45	1.15	0.79							1.94	OK
6/24	0	08:15	1.07	0.72							1.80	OK
6/25	0.89	08:00	1.79	0.85							2.64	OK
6/26	0	10:30	1.14	0.70							1.83	OK
6/27	0	09:30	1.14	0.70							1.84	OK
6/28	0	09:45	1.15	0.66							1.82	OK
6/29	0.66	18:15	1.58	0.67							2.25	OK
6/30	0	11:00	1.16	0.73							1.89	OK

TOTAL

AVERAGE PEAK FLOW



## FLOW RIGHTS UTILIZATION REPORT

Month/Year

FLOW RIGHTS AVAILABLE (mgd):

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No. OF VIOLATIONS THIS MONTH:

FORMULA

MAX. FLOW:  AVG. FLOW

Day of Month	Rainfall (in)	Time of Day at Max Flow	METERED FLOW RATE (mgd) AT PEAK UTILIZATION								Flow Rights Utilization (mgd)	STATUS
			OUTFLOW METERS				INFLOW METERS					
			RV01									
6/01	0	12:00	4.02								4.02	Violation
6/02	0.44	23:45	4.71								4.71	Violation
6/03	0	00:00	4.59								4.59	Violation
6/04	0	10:00	3.65								3.65	OK
6/05	0	22:15	3.61								3.61	OK
6/06	0.22	09:45	3.50								3.50	OK
6/07	0	11:15	3.39								3.39	OK
6/08	0	12:30	3.34								3.34	OK
6/09	0	12:30	3.29								3.29	OK
6/10	0.64	21:15	3.84								3.84	OK
6/11	0.22	10:30	3.80								3.80	OK
6/12	0	10:45	3.30								3.30	OK
6/13	0.81	12:15	4.12								4.12	Violation
6/14	0	10:30	3.54								3.54	OK
6/15	0	14:30	3.50								3.50	OK
6/16	0.02	13:00	3.37								3.37	OK
6/17	0	10:30	3.26								3.26	OK
6/18	1.59	21:30	4.96								4.96	Violation
6/19	0.08	00:00	4.31								4.31	Violation
6/20	0.34	10:30	4.13								4.13	Violation
6/21	0.99	13:15	5.14								5.14	Violation
6/22	0	12:15	4.31								4.31	Violation
6/23	0	12:30	3.84								3.84	OK
6/24	0	10:00	3.75								3.75	OK
6/25	0.89	09:15	5.10								5.10	Violation
6/26	0	09:45	3.79								3.79	OK
6/27	0	00:15	3.54								3.54	OK
6/28	0	11:30	3.40								3.40	OK
6/29	0.66	19:00	3.73								3.73	OK
6/30	0	12:15	3.43								3.43	OK

TOTAL

AVERAGE PEAK FLOW



## FLOW RIGHTS UTILIZATION REPORT

Month/Year

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FORMULA

MAX. FLOW:  AVG. FLOW

Day of Month	Rainfall (in)	Time of Day at Max Flow	METERED FLOW RATE (mgd) AT PEAK UTILIZATION								Flow Rights Utilization (mgd)	STATUS
			OUTFLOW METERS				INFLOW METERS					
			RV04	RV05	RV06	RV09	RV18	RV19				
6/01	0	11:45	0.43	0.59	0.92	5.90	1.13	0.35			6.38	OK
6/02	0.44	23:30	0.39	0.56	0.98	7.98	1.33	0.34			8.23	OK
6/03	0	00:00	0.33	0.58	0.96	7.55	1.17	0.40			7.86	OK
6/04	0	09:00	0.33	0.58	0.83	5.89	1.22	0.41			6.02	OK
6/05	0	09:15	0.31	0.56	0.79	5.57	1.23	0.38			5.63	OK
6/06	0.22	09:30	0.29	0.50	0.79	5.54	1.19	0.33			5.59	OK
6/07	0	09:15	0.33	0.58	0.75	5.22	1.22	0.37			5.30	OK
6/08	0	11:15	0.32	0.56	0.71	4.82	1.14	0.38			4.89	OK
6/09	0	22:15	0.33	0.54	0.69	4.71	1.16	0.35			4.77	OK
6/10	0.64	16:30	0.36	0.56	0.83	5.17	1.10	0.39			5.42	OK
6/11	0.22	08:45	0.36	0.62	0.86	5.81	1.40	0.48			5.76	OK
6/12	0	10:00	0.33	0.51	0.66	4.93	1.17	0.36			4.91	OK
6/13	0.81	12:15	0.36	0.59	1.06	7.05	1.34	0.33			7.39	OK
6/14	0	09:30	0.33	0.49	0.78	5.49	1.12	0.36			5.62	OK
6/15	0	11:30	0.32	0.53	0.78	4.99	1.06	0.39			5.17	OK
6/16	0.02	12:30	0.38	0.48	0.72	4.95	1.10	0.46			4.97	OK
6/17	0	08:45	0.32	0.53	0.70	4.67	1.12	0.35			4.75	OK
6/18	1.59	20:15	0.55	0.90	1.32	8.25	1.71	0.62			8.70	OK
6/19	0.08	00:00	0.35	0.69	1.02	6.74	1.25	0.58			6.97	OK
6/20	0.34	08:45	0.42	0.65	0.99	6.24	1.34	0.37			6.60	OK
6/21	0.99	14:15	0.49	0.86	1.38	9.16	1.63	0.41			9.86	OK
6/22	0	12:30	0.41	0.70	1.07	6.66	1.27	0.38			7.18	OK
6/23	0	13:30	0.35	0.63	0.86	5.72	1.17	0.35			6.03	OK
6/24	0	10:15	0.29	0.63	0.77	5.29	1.13	0.35			5.50	OK
6/25	0.89	08:45	0.50	0.81	1.13	7.97	1.71	0.42			8.28	OK
6/26	0	09:45	0.30	0.60	0.89	5.38	1.17	0.39			5.62	OK
6/27	0	10:30	0.33	0.55	0.83	4.93	1.08	0.31			5.25	OK
6/28	0	10:30	0.25	0.53	0.76	4.83	1.14	0.32			4.91	OK
6/29	0.66	19:00	0.35	0.54	0.80	5.53	1.38	0.45			5.39	OK
6/30	0	12:15	0.27	0.52	0.76	4.69	1.15	0.35			4.74	OK

**TOTAL**

**AVERAGE PEAK FLOW**



## FLOW RIGHTS UTILIZATION REPORT

Month/Year

FLOW RIGHTS AVAILABLE (mgd):

MEMBER

No. OF VIOLATIONS THIS MONTH:

FORMULA

MAX. FLOW:  AVG. FLOW

Day of Month	Rainfall (in)	Time of Day at Max Flow	METERED FLOW RATE (mgd) AT PEAK UTILIZATION								Flow Rights Utilization (mgd)	STATUS
			OUTFLOW METERS				INFLOW METERS					
			RV15									
6/01	0	12:00	2.12								2.12	OK
6/02	0.44	11:45	1.97								1.97	OK
6/03	0	09:00	1.72								1.72	OK
6/04	0	08:45	1.65								1.65	OK
6/05	0	08:30	1.51								1.51	OK
6/06	0.22	09:45	1.64								1.64	OK
6/07	0	09:00	1.49								1.49	OK
6/08	0	12:15	1.45								1.45	OK
6/09	0	11:45	1.40								1.40	OK
6/10	0.64	21:30	1.69								1.69	OK
6/11	0.22	09:00	1.91								1.91	OK
6/12	0	09:00	1.52								1.52	OK
6/13	0.81	11:30	2.30								2.30	OK
6/14	0	08:45	1.91								1.91	OK
6/15	0	12:15	1.66								1.66	OK
6/16	0.02	12:15	1.56								1.56	OK
6/17	0	08:45	1.39								1.39	OK
6/18	1.59	20:15	5.99								5.99	Violation
6/19	0.08	00:00	4.55								4.55	Violation
6/20	0.34	09:00	2.41								2.41	OK
6/21	0.99	13:00	4.69								4.69	Violation
6/22	0	00:00	2.54								2.54	OK
6/23	0	11:45	2.10								2.10	OK
6/24	0	10:00	1.72								1.72	OK
6/25	0.89	08:15	2.77								2.77	OK
6/26	0	09:15	1.87								1.87	OK
6/27	0	09:45	1.66								1.66	OK
6/28	0	10:00	1.55								1.55	OK
6/29	0.66	18:45	1.67								1.67	OK
6/30	0	12:00	1.70								1.70	OK

TOTAL

AVERAGE PEAK FLOW