



integrating design & engineering

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June 11, 2010
02051.0114.006

Mr. Robert Materna, Acting Executive Director
Mr. Bob Valent, Acting Executive Director
Rahway Valley Sewerage Authority
1050 East Hazelwood Avenue
Rahway, New Jersey 07065

RE: Flow Rights Utilization Report

Dear Messrs. Materna and Valent:

Attached is the Flow Rights Utilization Report for May 2010, for which the results are summarized below. The last column indicates the total 2010 measuring year flow rights exceedances for each municipality.

Member	Flow Rights MGD	Average Daily Flow MGD	Highest Value MGD	No. of Days Above Limit		
				Current Month	Total (2010 Measuring Year) Unadjusted Adjusted*	
Clark	4.71	2.15	6.43	2	46	41
Cranford	8.75	2.94	6.34	0	10	7
Garwood	3.99	0.56	1.63	0	3	1
Kenilworth	2.62	0.96	2.29	0	15	10
Mountainside	3.00	0.83	1.46	0	0	0
Rahway	16.44	5.09	7.79	0	5	4
Roselle Park	1.85	1.16	2.00	1	20	15
Scotch Plains	4.50	1.55	4.16	0	5	2
Springfield	3.70	2.71	4.43	2	83	78
Westfield	10.42	3.74	8.59	0	11	6
Woodbridge (Mtr.12)	N/A	N/A	N/A	N/A	N/A	N/A
Woodbridge (Mtr.15)	3.32	1.02	3.30	0	21	16
TOTAL	63.30					
Precipitation	2.88"					

* Total peak flow violations adjusted to eliminate March 13, 14, 15, 29 and 30, 2010 as directed by the Authority Commissioners.

The following flow events were reported for May 2010:

- Meter RV27: 05/03/2010 @ 09:30 - 05/03/2010 @ 15:30;
05/18/2010 @ 17:50 - 05/18/2010 @ 23:30; and

Mr. Robert Materna, Acting Executive Director
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05/19/2010 @ 18:30 - 05/19/2010 @ 19:00.

Should you have any questions or comments, please feel free to call.

Very truly yours,

PAULUS, SOKOLOWSKI AND SARTOR, LLC

A handwritten signature in black ink, appearing to read 'James R. Wancho', with a long horizontal flourish extending to the right.

James R. Wancho, P.E.
Vice President

Enclosure

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RAHWAY VALLEY SEWERAGE AUTHORITY
FLOW RIGHTS UTILIZATION REPORT

MONTH/YEAR: FLOW RIGHTS AVAILABLE (mgd):

MEMBER: NUMBER OF VIOLATIONS THIS MONTH:

FORMULA = MAX. FLOW (mgd):

Day of Month	Daily Precip. at Mtr 16 (in.)	METER NO.					Flow Rights Utilization (mgd)	STATUS
		20	PEAK FLOW RATE (mgd.)					
1	0.00	1.13				1.13	OK	
2	0.00	1.07				1.07	OK	
3	0.93	1.40				1.40	OK	
4	0.04	1.24				1.24	OK	
5	0.00	1.26				1.26	OK	
6	0.00	1.14				1.14	OK	
7	0.00	1.15				1.15	OK	
8	0.02	1.22				1.22	OK	
9	0.00	1.16				1.16	OK	
10	0.00	1.22				1.22	OK	
11	0.10	1.16				1.16	OK	
12	0.38	1.23				1.23	OK	
13	0.00	1.14				1.14	OK	
14	0.10	1.16				1.16	OK	
15	0.01	1.32				1.32	OK	
16	0.00	1.18				1.18	OK	
17	0.00	1.46				1.46	OK	
18	1.09	1.44				1.44	OK	
19	0.01	1.38				1.38	OK	
20	0.00	1.32				1.32	OK	
21	0.00	1.27				1.27	OK	
22	0.06	1.15				1.15	OK	
23	0.00	1.12				1.12	OK	
24	0.00	1.23				1.23	OK	
25	0.00	1.26				1.26	OK	
26	0.00	1.29				1.29	OK	
27	0.12	1.23				1.23	OK	
28	0.00	1.16				1.16	OK	
29	0.02	1.23				1.23	OK	
30	0.00	0.98				0.98	OK	
31	0.00	1.08				1.08	OK	
TOTAL	2.88						06/11/10	

RAHWAY VALLEY SEWERAGE AUTHORITY
FLOW RIGHTS UTILIZATION REPORT

MONTH/YEAR May-10 FLOW RIGHTS AVAILABLE (mgd) 1.85

MEMBER ROSELLE PARK NUMBER OF VIOLATIONS THIS MONTH 1

FORMULA = METER NO. 29 - 7 - 30 MAX. FLOW (mgd) 2.00

Day of Month	Daily Precip. at Mtr 16 (in.)	METER NO.				Flow Rights Utilization (mgd)	STATUS
		PEAK FLOW RATE (mgd.)					
		29	7	30			
1	0.00	2.88	0.81	0.47	1.60	OK	
2	0.00	2.90	0.78	0.56	1.56	OK	
3	0.93	4.17	1.57	0.59	2.00	VIOLATION	
4	0.04	3.18	1.04	0.52	1.62	OK	
5	0.00	2.95	0.87	0.55	1.53	OK	
6	0.00	3.01	0.89	0.53	1.59	OK	
7	0.00	2.90	0.85	0.52	1.53	OK	
8	0.02	3.08	0.84	0.52	1.73	OK	
9	0.00	2.79	0.76	0.49	1.53	OK	
10	0.00	2.78	0.76	0.49	1.53	OK	
11	0.10	2.91	0.78	0.46	1.68	OK	
12	0.38	2.96	0.87	0.47	1.62	OK	
13	0.00	2.98	0.80	0.42	1.75	OK	
14	0.10	2.85	0.77	0.45	1.63	OK	
15	0.01	2.78	0.70	0.49	1.59	OK	
16	0.00	2.81	0.75	0.52	1.55	OK	
17	0.00	2.85	0.74	0.46	1.65	OK	
18	1.09	3.18	1.14	0.53	1.51	OK	
19	0.01	2.80	0.85	0.48	1.47	OK	
20	0.00	2.82	0.81	0.43	1.58	OK	
21	0.00	2.75	0.86	0.46	1.43	OK	
22	0.06	2.68	0.72	0.51	1.44	OK	
23	0.00	2.72	0.75	0.48	1.49	OK	
24	0.00	2.76	0.78	0.54	1.45	OK	
25	0.00	2.76	0.75	0.55	1.46	OK	
26	0.00	2.77	0.80	0.45	1.52	OK	
27	0.12	2.71	0.79	0.44	1.48	OK	
28	0.00	2.69	0.76	0.43	1.50	OK	
29	0.02	2.75	0.75	0.47	1.53	OK	
30	0.00	2.55	0.71	0.50	1.34	OK	
31	0.00	2.70	0.69	0.49	1.52	OK	
TOTAL	2.88						06/11/10

RAHWAY VALLEY SEWERAGE AUTHORITY
FLOW RIGHTS UTILIZATION REPORT

MONTH/YEAR: May-10 FLOW RIGHTS AVAILABLE (mgd): 3.70

MEMBER: SPRINGFIELD NUMBER OF VIOLATIONS THIS MONTH: 2

FORMULA = METER NO. 1 MAX. FLOW (mgd): 4.43

Day of Month	Daily Precip. at Mtr 16 (in.)	METER NO.					Flow Rights Utilization (mgd)	STATUS
		PEAK FLOW RATE (mgd.)						
1	0.00	3.55					3.55	OK
2	0.00	3.55					3.55	OK
3	0.93	4.43					4.43	VIOLATION
4	0.04	3.70					3.70	OK
5	0.00	3.62					3.62	OK
6	0.00	3.69					3.69	OK
7	0.00	3.62					3.62	OK
8	0.02	3.62					3.62	OK
9	0.00	3.45					3.45	OK
10	0.00	3.37					3.37	OK
11	0.10	3.38					3.38	OK
12	0.38	3.69					3.69	OK
13	0.00	3.37					3.37	OK
14	0.10	3.58					3.58	OK
15	0.01	3.60					3.60	OK
16	0.00	3.33					3.33	OK
17	0.00	3.38					3.38	OK
18	1.09	4.11					4.11	VIOLATION
19	0.01	3.55					3.55	OK
20	0.00	3.45					3.45	OK
21	0.00	3.35					3.35	OK
22	0.06	3.48					3.48	OK
23	0.00	3.33					3.33	OK
24	0.00	3.33					3.33	OK
25	0.00	3.32					3.32	OK
26	0.00	3.40					3.40	OK
27	0.12	3.47					3.47	OK
28	0.00	3.43					3.43	OK
29	0.02	3.28					3.28	OK
30	0.00	3.26					3.26	OK
31	0.00	3.24					3.24	OK
TOTAL	2.88							

RAHWAY VALLEY SEWERAGE AUTHORITY
FLOW RIGHTS UTILIZATION REPORT

MONTH/YEAR May-10 FLOW RIGHTS AVAILABLE (mgd) 3.32

MEMBER WOODBIDGE NUMBER OF VIOLATIONS THIS MONTH 0

FORMULA = METER NO. 15 MAX. FLOW (mgd) 3.30

Day of Month	Daily Precip. at Mtr 16 (in.)	METER NO.			Flow Rights Utilization (mgd)	STATUS
		15	12	PEAK FLOW RATE (mgd.)		
1	0.00	2.63	8.92		2.63	OK
2	0.00	2.24	8.56		2.24	OK
3	0.93	3.30	10.75		3.30	OK
4	0.04	2.84	8.77		2.84	OK
5	0.00	2.67	8.41		2.67	OK
6	0.00	2.30	8.29		2.30	OK
7	0.00	2.40	7.52		2.40	OK
8	0.02	2.18	9.12		2.18	OK
9	0.00	1.65	8.43		1.65	OK
10	0.00	1.03	7.71		1.03	OK
11	0.10	1.13	7.17		1.13	OK
12	0.38	1.49	8.04		1.49	OK
13	0.00	1.47	7.99		1.47	OK
14	0.10	1.26	8.35		1.26	OK
15	0.01	1.36	8.73		1.36	OK
16	0.00	1.41	8.05		1.41	OK
17	0.00	1.10	7.83		1.10	OK
18	1.09	3.04	12.06		3.04	OK
19	0.01	1.80	9.47		1.80	OK
20	0.00	1.56	9.22		1.56	OK
21	0.00	1.31	8.70		1.31	OK
22	0.06	1.37	9.21		1.37	OK
23	0.00	1.44	8.79		1.44	OK
24	0.00	1.24	7.83		1.24	OK
25	0.00	1.25	7.62		1.25	OK
26	0.00	1.22	8.43		1.22	OK
27	0.12	1.19	7.33		1.19	OK
28	0.00	1.25	7.42		1.25	OK
29	0.02	1.29	7.57		1.29	OK
30	0.00	1.15	8.01		1.15	OK
31	0.00	1.24	7.72		1.24	OK
TOTAL	2.88					06/11/10

SUMMARY SHEET May-10

MEMBER	FLOW RIGHTS MGD	AVERAGE FLOW MGD	HIGHEST VALUE MGD	NO. OF DAYS ABOVE LIMIT
CLARK	4.71	2.15	6.43	2
CRANFORD	8.75	2.94	6.34	0
GARWOOD	3.99	0.56	1.63	0
KENILWORTH	2.62	0.96	2.29	0
MOUNTAINSIDE	3.00	0.83	1.46	0
RAHWAY	16.44	5.09	7.79	0
ROSELLE PARK	1.85	1.16	2.00	1
SCOTCH PLAINS	4.50	1.55	4.16	0
SPRINGFIELD	3.70	2.71	4.43	2
WESTFIELD	10.42	3.74	8.59	0
WOODBIDGE (Mtr. 12)	N/A	N/A	N/A	N/A
WOODBIDGE (Mtr. 15)	3.32	1.02	3.30	0
TOTAL	63.30	22.71		

TOTAL PRECIPITATION 2.88 in.