



integrating design & engineering

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February 23, 2010
02051.0114.006

Michael J. Brinker, Jr., Executive Director
Rahway Valley Sewerage Authority
1050 East Hazelwood Avenue
Rahway, New Jersey 07065

RE: Flow Rights Utilization Report

Dear Mr. Brinker:

Attached is the Flow Rights Utilization Report for January 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	Total (2010 Measuring Year)
Clark	4.71	3.30	6.95	2	7
Cranford	8.75	1.75	4.69	0	6
Garwood	3.99	0.70	1.45	0	1
Kenilworth	2.62	0.97	2.01	0	3
Mountainside	3.00	0.84	1.84	0	0
Rahway	16.44	4.79	9.33	0	1
Roselle Park	1.85	0.84	1.75	0	3
Scotch Plains	4.50	1.78	4.05	0	2
Springfield	3.70	2.63	5.78	3	36
Westfield	10.42	4.00	9.64	0	3
Woodbridge (Mtr.12)	N/A	N/A	N/A	N/A	N/A
Woodbridge (Mtr.15)	3.32	0.96	4.54	1	9
TOTAL	63.30				
Precipitation	2.04"				

The following flow events were reported for January 2010:

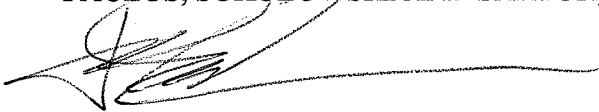
- Meter RV27: 1/22/2010 @ 10:45 - 1/22/2010 @ 13:30
1/25/2010 @ 10:30 - 1/26/2010 @ 15:00

Michael J. Brinker, Jr., Executive Director
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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

K:\02051\0002\Correspondence\User Charge\2010\Jan 10.2.doc

RAHWAY VALLEY SEWERAGE AUTHORITY
FLOW RIGHTS UTILIZATION REPORT

MONTH/YEAR: Jan-10 FLOW RIGHTS AVAILABLE (mgd): 8.75

MEMBER: CRANFORD NUMBER OF VIOLATIONS THIS MONTH: 0

FORMULA = METER NO. 10 + 13 - 2 - 3 - 29 + 30 MAX. FLOW (mgd): 4.69

Day of Month	Daily Precip. at Mtr 16 (in.)	METER NO.										Flow Rights Utilization (mgd)	STATUS	
		PEAK FLOW RATE (mgd.)												
		10	13	2	3	29	30							
1	0.11	14.36	1.31	5.60	3.09	3.07	0.77					4.69	OK	
2	0.01	13.28	1.35	5.39	2.89	2.97	0.68					4.06	OK	
3	0.00	12.43	1.33	5.46	2.83	3.03	0.68					3.13	OK	
4	0.00	11.07	1.20	4.87	2.58	3.09	0.62					2.35	OK	
5	0.00	10.56	1.11	5.08	2.60	2.98	0.58					1.59	OK	
6	0.00	10.72	1.07	4.99	2.55	3.09	0.65					1.80	OK	
7	0.00	9.94	1.05	4.88	2.45	2.80	0.63					1.49	OK	
8	0.00	9.84	1.04	4.73	2.60	2.71	0.60					1.44	OK	
9	0.00	10.62	1.04	5.05	2.68	2.70	0.62					1.85	OK	
10	0.00	10.54	1.02	5.05	2.61	2.75	0.61					1.77	OK	
11	0.00	9.37	0.96	4.90	2.57	2.66	0.60					0.80	OK	
12	0.00	9.36	0.98	4.84	2.47	2.72	0.64					0.97	OK	
13	0.00	9.56	1.00	4.62	2.42	2.78	0.55					1.29	OK	
14	0.00	9.95	0.93	4.97	2.43	2.61	0.58					1.45	OK	
15	0.00	9.83	0.97	4.65	2.35	2.75	0.58					1.63	OK	
16	0.00	10.57	0.98	4.79	2.54	2.70	0.61					2.13	OK	
17	0.65	12.26	1.23	4.95	2.96	2.84	0.64					3.37	OK	
18	0.04	11.67	1.24	5.13	2.80	3.05	0.79					2.72	OK	
19	0.00	9.88	1.09	4.97	2.73	2.74	0.66					1.17	OK	
20	0.00	9.98	0.96	4.87	2.54	2.89	0.65					1.30	OK	
21	0.00	9.42	0.94	4.84	2.46	2.75	0.64					0.95	OK	
22	0.00	10.36	0.95	4.74	2.50	2.65	0.60					2.02	OK	
23	0.00	10.73	1.03	5.19	2.34	2.63	0.59					2.21	OK	
24	0.02	10.16	1.05	5.01	2.60	2.62	0.60					1.58	OK	
25	1.14	18.77	1.93	7.81	5.24	3.91	0.79					4.53	OK	
26	0.03	11.67	1.41	6.07	3.20	2.91	0.75					1.65	OK	
27	0.00	11.60	1.22	5.75	2.90	2.94	0.67					1.90	OK	
28	0.04	11.36	1.19	4.94	2.75	3.03	0.64					2.48	OK	
29	0.00	11.11	1.13	5.18	2.78	2.96	0.62					1.94	OK	
30	0.00	11.94	1.08	5.20	2.79	2.81	0.61					2.83	OK	
31	0.00	11.12	0.99	5.06	2.74	2.82	0.61					2.10	OK	
TOTAL	2.04													

02/22/10

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
		PEAK FLOW RATE (mgd.)							
		3	4	5	6	6	6		
1	0.11	3.09	0.60	0.58	1.13		0.78	OK	
2	0.01	2.89	0.62	0.50	1.04		0.73	OK	
3	0.00	2.83	0.54	0.51	0.96		0.82	OK	
4	0.00	2.58	0.48	0.55	0.89		0.67	OK	
5	0.00	2.60	0.51	0.53	0.84		0.72	OK	
6	0.00	2.55	0.45	0.53	0.81		0.76	OK	
7	0.00	2.45	0.51	0.50	0.85		0.59	OK	
8	0.00	2.60	0.46	0.53	0.89		0.73	OK	
9	0.00	2.68	0.52	0.47	0.93		0.76	OK	
10	0.00	2.61	0.57	0.54	0.98		0.52	OK	
11	0.00	2.57	0.54	0.50	0.74		0.78	OK	
12	0.00	2.47	0.49	0.59	0.74		0.65	OK	
13	0.00	2.42	0.44	0.53	0.81		0.64	OK	
14	0.00	2.43	0.54	0.50	0.72		0.68	OK	
15	0.00	2.35	0.43	0.59	0.77		0.56	OK	
16	0.00	2.54	0.55	0.55	0.82		0.62	OK	
17	0.65	2.96	0.51	0.52	0.95		0.99	OK	
18	0.04	2.80	0.56	0.49	0.94		0.81	OK	
19	0.00	2.73	0.47	0.53	0.82		0.91	OK	
20	0.00	2.54	0.52	0.52	0.80		0.70	OK	
21	0.00	2.46	0.48	0.51	0.79		0.69	OK	
22	0.00	2.50	0.45	0.51	0.77		0.77	OK	
23	0.00	2.34	0.49	0.47	0.74		0.64	OK	
24	0.02	2.60	0.51	0.49	0.82		0.79	OK	
25	1.14	5.24	1.09	0.99	1.70		1.45	OK	
26	0.03	3.20	0.61	0.55	1.23		0.80	OK	
27	0.00	2.90	0.51	0.58	1.03		0.79	OK	
28	0.04	2.75	0.56	0.58	0.97		0.63	OK	
29	0.00	2.78	0.55	0.59	0.92		0.73	OK	
30	0.00	2.79	0.55	0.61	0.96		0.67	OK	
31	0.00	2.74	0.50	0.60	0.93		0.71	OK	
TOTAL	2.04								

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RAHWAY VALLEY SEWERAGE AUTHORITY
FLOW RIGHTS UTILIZATION REPORT

MONTH/YEAR: Jan-10 FLOW RIGHTS AVAILABLE (mgd): 2.62

MEMBER: KENILWORTH NUMBER OF VIOLATIONS THIS MONTH: 0

FORMULA = METER NO. 2 + 7 - 1 - 20 MAX. FLOW (mgd): 2.01

Day of Month	Daily Precip. at Mtr 16 (in.)	METER NO.					Flow Rights Utilization (mgd)	STATUS
		PEAK FLOW RATE (mgd.)						
		2	7	1	20			
1	0.11	5.60	0.98	3.45	1.15	1.97	OK	
2	0.01	5.39	0.93	3.42	1.10	1.81	OK	
3	0.00	5.46	0.86	3.21	1.10	2.01	OK	
4	0.00	4.87	0.87	3.10	1.13	1.50	OK	
5	0.00	5.08	1.05	3.39	1.10	1.63	OK	
6	0.00	4.99	0.81	3.31	1.15	1.34	OK	
7	0.00	4.88	0.83	3.42	1.21	1.08	OK	
8	0.00	4.73	0.77	3.40	1.08	1.01	OK	
9	0.00	5.05	0.90	3.42	1.26	1.27	OK	
10	0.00	5.05	0.92	3.27	1.27	1.43	OK	
11	0.00	4.90	0.80	3.34	1.29	1.07	OK	
12	0.00	4.84	0.87	3.23	1.25	1.23	OK	
13	0.00	4.62	0.78	3.26	1.25	0.90	OK	
14	0.00	4.97	0.78	3.13	1.21	1.41	OK	
15	0.00	4.65	0.77	3.24	1.20	0.97	OK	
16	0.00	4.79	0.75	3.22	1.24	1.09	OK	
17	0.65	4.95	0.92	3.30	1.25	1.32	OK	
18	0.04	5.13	0.87	3.52	1.31	1.17	OK	
19	0.00	4.97	0.76	3.26	1.29	1.18	OK	
20	0.00	4.87	1.41	3.45	1.27	1.57	OK	
21	0.00	4.84	0.81	3.45	1.32	0.88	OK	
22	0.00	4.74	0.78	3.48	1.22	0.82	OK	
23	0.00	5.19	0.82	3.50	1.25	1.26	OK	
24	0.02	5.01	0.77	3.39	1.19	1.20	OK	
25	1.14	7.81	1.38	5.78	1.84	1.57	OK	
26	0.03	6.07	0.96	4.26	1.53	1.24	OK	
27	0.00	5.75	0.91	3.76	1.34	1.56	OK	
28	0.04	4.94	0.89	3.43	1.28	1.11	OK	
29	0.00	5.18	0.85	3.38	1.30	1.35	OK	
30	0.00	5.20	0.91	3.29	1.26	1.57	OK	
31	0.00	5.06	0.91	3.39	1.14	1.44	OK	
TOTAL	2.04						02/22/10	

RAHWAY VALLEY SEWERAGE AUTHORITY
FLOW RIGHTS UTILIZATION REPORT

MONTH/YEAR: Jan-10 FLOW RIGHTS AVAILABLE (mgd): 3.00
 MEMBER: MOUNTAINSIDE NUMBER OF VIOLATIONS THIS MONTH: 0
 FORMULA = METER NO. 20 MAX. FLOW (mgd): 1.84

Day of Month	Daily Precip. at Mtr. 16 (in.)	METER NO.					Flow Rights Utilization (mgd)	STATUS
		PEAK FLOW RATE (mgd.)						
1	0.11	20	1.15				1.15	OK
2	0.01		1.10				1.10	OK
3	0.00		1.10				1.10	OK
4	0.00		1.13				1.13	OK
5	0.00		1.10				1.10	OK
6	0.00		1.15				1.15	OK
7	0.00		1.21				1.21	OK
8	0.00		1.08				1.08	OK
9	0.00		1.26				1.26	OK
10	0.00		1.27				1.27	OK
11	0.00		1.29				1.29	OK
12	0.00		1.25				1.25	OK
13	0.00		1.25				1.25	OK
14	0.00		1.21				1.21	OK
15	0.00		1.20				1.20	OK
16	0.00		1.24				1.24	OK
17	0.65		1.25				1.25	OK
18	0.04		1.31				1.31	OK
19	0.00		1.29				1.29	OK
20	0.00		1.27				1.27	OK
21	0.00		1.32				1.32	OK
22	0.00		1.22				1.22	OK
23	0.00		1.25				1.25	OK
24	0.02		1.19				1.19	OK
25	1.14		1.84				1.84	OK
26	0.03		1.53				1.53	OK
27	0.00		1.34				1.34	OK
28	0.04		1.28				1.28	OK
29	0.00		1.30				1.30	OK
30	0.00		1.26				1.26	OK
31	0.00		1.14				1.14	OK
TOTAL	2.04							

02/22/10

SUMMARY SHEET Jan-10

MEMBER	FLOW RIGHTS MGD	AVERAGE FLOW MGD	HIGHEST VALUE MGD	NO. OF DAYS ABOVE LIMIT
CLARK	4.71	3.30	6.95	2
CRANFORD	8.75	1.75	4.69	0
GARWOOD	3.99	0.70	1.45	0
KENILWORTH	2.62	0.97	2.01	0
MOUNTAINSIDE	3.00	0.84	1.84	0
RAHWAY	16.44	4.79	9.33	0
ROSELLE PARK	1.85	0.84	1.75	0
SCOTCH PLAINS	4.50	1.78	4.05	0
SPRINGFIELD	3.70	2.63	5.78	3
WESTFIELD	10.42	4.00	9.64	0
WOODBIDGE (Mtr. 12)	N/A	N/A	N/A	N/A
WOODBIDGE (Mtr. 15)	3.32	0.96	4.54	1
TOTAL	63.30	22.57		
TOTAL PRECIPITATION	2.04	in.		