

From: [Andrea DeCarlo](#)
Subject: RVSA Meeting Minutes
Date: Tuesday, June 20, 2023 12:02:15 PM
Attachments: [20 Minutes 05-18-23 Finance Committee Meeting.pdf](#)
[21 Minutes 05-18-23 Regular Meeting.pdf](#)
[22 Minutes 05-18-23 Attachment - Flow Rights Report 04-2023.pdf](#)
[23 Minutes 05-18-23 Attachment - User Charge Report 04-2023.pdf](#)

Good Afternoon,

Enclosed are the minutes that were approved at the RVSA's 6/15/23 Regular Meeting.

The Authority's minutes can also be viewed/downloaded directly from our website at the following link:

https://www.rahwayvalleysa.com/official_business/reports/minutes.php

Thank you,

Andrea DeCarlo, QPA
Purchasing Agent
Rahway Valley Sewerage Authority
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RAHWAY VALLEY SEWERAGE AUTHORITY
Summary of Minutes – Regular Meeting held May 18, 2023

- Communications
OPRA Requests from Attorney Karen A. Ermel
- Approval of Minutes
April 20, 2023 Finance Committee and Regular Meetings
- Executive Director’s Report
Sewer Endorsements, Municipal Reports, and the status of various contracts
- Report of Consulting Engineer Overview of engineering matters
- Report of General Counsel
Overview of legal matters
- Committee Reports
A report was given by the Finance Committee
- Unfinished Business
None
- New Business
The following actions were taken: Authorizing Endorsement on a TWA Application for the Town of Westfield; Award Contract #203-ES – Special Project Engineering Services to CDM Smith; and Authorizing the purchase of electricity for public use through the use of an online auction service.
- Bills & Claims

OPERATING FUND	01	\$933,386.72
BUILDING & EQUIPMENT FUND	02	<u>\$140,601.00</u>
TOTAL OF ALL FUNDS:		\$1,073,987.72

RAHWAY VALLEY SEWERAGE AUTHORITY

Regular Meeting held May 18, 2023

The Chairman, Robert Beiner, called the meeting to order at 5:45 p.m.

The Chairman read the statement on "Open Public Meetings Law"

In accordance with the requirements of the Open Public Meetings Act, State of New Jersey, adequate notice of this meeting was forwarded to the Star-Ledger, the Home News Tribune, and the Clerk of each of the eleven-member municipalities on February 28, 2023.

If any member of this body believes that this meeting is being held in violation of the provisions of the Open Public Meetings Act, please state your objection and the reasons for same at this time. Hearing no objections, we shall proceed with our regularly scheduled meeting.

Roll Call

The following members were present:

Chris Kolibas	for the Township of Cranford
Stephen D. Greet	for the Borough of Garwood
Robert M. Beiner	for the Borough of Kenilworth
John J. Tomaine	for the Borough of Mountainside
Robert Rachlin	for the City of Rahway
Loren Harms	for the Borough of Roselle Park
Michael Furci	for the Township of Springfield
Edward Gottko	for the Town of Westfield
Michael J. Gelin	for the Township of Woodbridge
Raymond Szpond	for the Township of Scotch Plains

The following was absent:

Frank G. Mazzarella	for the Township of Clark
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The following were also present:

James J. Meehan	Executive Director
John Buonocore	Assistant Director/Chief Engineer
Karen Musialowicz	Secretary-Treasurer
Doug Reno	Superintendent
Janet Thevenin	Manager of Regulatory Compliance
Brett Howard	Health & Safety Coordinator
Karen Lesane	Office Assistant
Dennis Estis	General Counsel – Greenbaum, Rowe, Smith
Howard Matteson	Consulting Engineer – CDM Smith

Communications

An OPRA Request regarding a property in Avenel was submitted by Attorney Karen A. Ermel on May 3rd and a reply was sent the following day.

Another OPRA Request regarding the same property in Avenel was submitted by Attorney Karen A. Ermel on May 4th and a reply was sent on May 8th.

Approval of Minutes

Mr. Beiner made a motion, seconded by Mr. Gelin, to approve the minutes of the Finance Committee and Regular Meetings held on April 20, 2022. The motion was approved by those present.

Report of Treasurer

No Report.

Report of Executive Director

The following Sewer Treatment Endorsements were processed since the last meeting. A copy of the log sheet with additional information regarding these applications has been distributed for your reference.

2023 Treatment Endorsement Permits 0-1999 gpd							
RVSA Number				Date	Applicant's Name		Municipality
2728	-	23	-	WB	04/25/23	Colonia Construction Co. LLC	Woodbridge
2729	-	23	-	WB	05/08/23	Meridian Developers	Woodbridge
2730	-	23	-	SP	05/17/23	VG Home Holdings II LLC	Scotch Plains

Municipal Monthly Collection System Reports

The following Collection System Reports were received since the last regular meeting:

- Rahway – April 2023
- Scotch Plains – April 2023
- Woodbridge – April 2023

Mr. Meehan stated that the monthly collection system reports are coming in and for this month there may be a few that haven't yet been reviewed.

Plant O&M Update

Mr. Meehan reported that the plant is running great. The only issue we have is getting the Dryer up and running. An inspector from Komline came and identified all the weak areas and repair recommendations, he's drafting a report that will be finalized and submitted in a few days. Mr. Meehan stated that we are waiting to see the costs and hope that we can get the Dryer repaired. We know the costs will probably be extensive but we need that time to get us to the next project which will be the long-term fix for the Dryer. We will have more information at the next meeting.

Mr. Furci asked if we are still shipping out wet sludge. Mr. Meehan replied yes, and said that it is becoming very costly.

Mr. Furci asked how long have we been shipping out wet and what is the cost. Mr. Meehan replied that it's been about four weeks now and it will cost us about \$100,000.00 a month to haul wet, once the Dryer is repaired the monthly cost will be between \$25,000.00 to \$30,000.00. Mr. Reno, RVSA Superintendent explained with the Dryer down the costs are increasing about four times more than usual.

Mr. Meehan also reported that one of the problems we found with the Dryer is that we lost a 1/16 of an inch off the base, not the paddles and the moving parts it's actually the structure on the bottom of the Dryer. We don't know how that will impact us until we receive Komline's final report. Our hope is that we will be able to repair the Dryer, it will be expensive, but the cost will be less than having to haul it out wet. Mr. Meehan stated that we need at least a couple of years to get our next plan ready he has met with Mr. Matteson and they are working on that plan.

Mr. Meehan stated that the rest of the plant is running well, and we have other projects proceeding, for example, the Bar Screen project is moving along.

Collection System O&M Update

Mr. Meehan reported that we had a settlement with Metro and Mr. Estis will give further information in his report.

Alternative/Special Projects

Mr. Meehan stated since this matter involves ongoing negotiations, an update will be provided in a Closed Session.

COVID-19 Wastewater Sampling & Analysis

Mr. Meehan reported that we continue to participate but haven't received a new report. We have signed up to participate with the New Jersey Department of Health water surveillance program and they will test for; Covid, Monkey Pox, and the Flu. Mr. Meehan stated that we will have more data moving forward.

Sewer Connection

The Authority received a Treatment Works Approval (TWA) Application from Harbor Consultants Inc. on behalf of Luxe Development, for property located at 415 - 427 Avenue West in Westfield. The application is for the construction of a three-story residential building, consisting of 16 one-bedroom, 4 two-bedroom, and retail space. The proposed discharge from the property is 2,848.3 gpd (0.028 mgd) of flow. The application was reviewed by John Buonocore and found to be in order, and action authorizing the endorsement is on the agenda under New Business.

Mr. Gelin asked why is there a TWA application for the property in Westfield. Mr. Buonocore stated that because of the amount of gpd flow, this is an endorsement and not a TWA. Mr. Meehan thanked Mr. Gelin for catching the error.

Mr. Meehan reported that we have a late resolution to add, for extending EMEX, LLC contract that will allow RVSA to hold an auction next Tuesday. This resolution will give Mr. Meehan the ability to sign off on term requirements that can change from day to day.

Monthly Reports

The Monthly Operations, IPP, Flow Rights, and User Charge Reports were received and forwarded to the Commissioners for review.

Report of Consulting Engineer

Howard Matteson, Consulting Engineer from the firm CDM Smith, submitted the following report for work activities for the month of April 2023 and through the date of this report.

A. Retainer Services

During this period, CDM Smith prepared the monthly report for April 2023 and attended the April 2023 Board Meeting. CDM Smith also performed the facility walkthrough associated with the Annual Inspection.

B. Miscellaneous Engineering Services

During the period, CDM Smith performed the following:

- Coordinated with staff in the review of the Connection Fee program next steps.
- Performed a site visit and review of program requirements with staff regarding electrical maintenance and testing activities.

C. Influent Bar Screen Replacement

During the period, CDM Smith performed the following:

- Worked with RVSA to determine the approach to isolating Main Influent Pump wet well.
- Reviewed shop drawings and anticipated schedule. Major submittals under review are the Headworks units and Washer Compactor units.
- Submitted SED Waiver for procurement of Main Influent Pump VFDs under the loan for the Influent Bar Screen Replacement.

D. Woodbridge Spur Permitting

During the period, CDM Smith performed the following:

- We are preparing revised applications for Area Specific and Activity Specific criteria as advised by the Environmental Specialist under the Division of Land Resource Protection related to Freshwater Wetlands and Flood Hazard Area permit submissions. Resubmission for preliminary review by the Environmental Specialist is anticipated in the coming weeks.

Mr. Beiner announced that the Treasurer would like to make a statement.

Ms. Musialowicz stated that we received our second reimbursement from FEMA on the sheeting project for about 360,000.00 and that we are going to put in for one more payment when the permits get approved by DEP and that will be all for CDM work on the project.

Mr. Gelin asked has the 30-day extension started. Ms. Musialowicz explained that the first extension will end on June 2, 2023, but she has already put in a request for a second extension and we are waiting for approval.

Report of General Counsel

Dennis Estis, General Counsel from the firm Greenbaum, Rowe, Smith & Davis, submitted the following report for the period April 20, 2023, through May 18, 2023.

1. Revisions to the Underlying Agreement

I would ask the staff to confirm that the final Agreement has been transmitted to everyone, including the Commissioners.

2. Excess Flow Rights

This matter has now been finalized and it will be removed hereafter until October.

3. Local Contracts Law/Open Public Meetings Act

I reviewed a contract with PSE&G and recommended language to be inserted regarding default. The language was submitted by John Buonocore to PSE&G and I do not know whether we have heard back from them yet. We have received a request from one of our vendors, Miracle Chemical Company, which company is apparently in a significant financial situation because of the accelerated cost of sodium hypochlorite.

They have asked that we look at this issue and see whether there is any way to renegotiate this contract. I am reviewing it with Karen Musialowicz.

4. Siphon - Rahway – Union County Park.

We have almost completed our negotiations with Union County regarding the sewer pipe easement. Union County has agreed to most of what we wanted after having discussed this with representatives of Green Acres. The only remaining issue appears to relate to the maintenance of the siphon and the Allen Street Brook. Unbeknownst to RVSA, Rahway passed a resolution four years ago (2019) by which Rahway agreed to enter into a one-year contract with RVSA for maintenance. The contract itself was

never signed by Rahway or RVSA. I have now taken that resolution and revised it and converted it from a one-year term to a ten-year term, based upon a Shared Services Agreement. I have likewise revised the proposed agreement to reflect this change. I have sent a copy of the proposed agreement to John Buonocore and Jim Meehan for their review before I send it to Rahway. Hopefully this time it will get signed. A resolution authorizing entry into this Agreement by RVSA will hopefully be on the agenda in June.

5. Occidental Chemical.
No change.

6. Metro Compliance.
My partner David Roth and Janet Thevenin have negotiated an agreement with the new tenant, A One Truck Stop LLC, the terms of which were finalized last Friday, May 12, 2023. It is now ready to be signed.

7. Quala / QDI.
No change.

Committee Reports

Chairman: The Finance Committee gave the following report.

Finance Committee (Loren Harms, Committee Chairman)

The Finance Committee met earlier this evening to review the Bills & Claims, and action is on the agenda under Bills & Claims.

Committee	Chairman	02/2023 – 02/2024 Committee Members		
Engineering	Edward Gottko	Frank Mazarella	Stephen Greet	Michael Gelin
Finance	Loren Harms	John Tomaine	Chris Kolibas	Robert Rachlin
Legal	John Tomaine	Loren Harms	Frank Mazarella	Stephen Greet
Personnel	Robert Rachlin	Edward Gottko	Michael Furci	Raymond Szpond
Nominating	Michael Gelin	Raymond Szpond	Chris Kolibas	Michael Furci
PR/Media	Stephen Greet			

Unfinished Business

None.

New Business

Mr. Gottko offered three resolutions.

1. **Resolution #23-09** – Authorizing Endorsement on a TWA Application for the Town of Westfield

Motion: Mr. Gottko

Second: Mr. Harms

The motion was approved by those present.

RESOLUTION #23-09

WHEREAS, Luxe Development of NJ, LLC has submitted a Treatment Works Sewer Connection Construction and Discharge Permit for property located at 415 - 427 South Avenue West in Westfield, New Jersey; and

WHEREAS, this Application is for the construction of sixteen (16) one-bedroom and four (4) two-bedroom residential units and retail space with a proposed flow of approximately 2,848.3 gpd (0.0028 mgd); and

WHEREAS, the flow from the foregoing connection will not cause the Rahway Valley Sewerage Authority to exceed its permitted flow of 40 mg; and

WHEREAS, the application has been reviewed by John Buonocore, Assistant Director/Chief Engineer, and found to be in order.

NOW, THEREFORE, BE IT RESOLVED by the Rahway Valley Sewerage Authority that it hereby accepts and approves endorsement on the aforesaid application.

2. **Resolution #23-10 – Award Contract #203-ES – Special Project Engineering Services to CDM Smith**

Motion: Mr. Gottko

Second: Mr. Greet

The motion was approved by those present.

RESOLUTION #23-10

WHEREAS, the Rahway Valley Sewerage Authority ("Authority") received a proposal from CDM Smith Inc. of Edison, NJ for Professional Engineering Services related to the Plant Wide Electrical Testing and Power System Analysis Program; and

WHEREAS, such services are considered Professional Services, which pursuant to N.J.S.A. 40A:11-5(1)(a)(i) are exempt from public advertising for bids, and therefore shall be awarded by resolution of the governing body; and

WHEREAS, the Authority wishes to enter into Contract #203-ES – Engineering Services for Plant Wide Electrical Testing and Power System Analysis Program with CDM Smith Inc. based on the proposal submitted under a non-fair and open process; and

WHEREAS, in accordance with N.J.S.A. 19:44A-20.5, the Purchasing Agent has received a Business Entity Disclosure Certification and has certified a Determination of Value, therefore permitting the award of this contract; and

WHEREAS, the proposal includes pricing Testing and Maintenance, and Power Systems Analysis, as further outlined in the proposal, for a total amount not to exceed \$498,940.00; and

WHEREAS, the Secretary-Treasurer of the Authority hereby certifies that the necessary funds for said contract are available in the Annual Budget.

NOW, THEREFORE, BE IT RESOLVED that the Commissioners of the Rahway Valley Sewerage

Authority hereby authorize the award of Contract #203-ES – Engineering Services for Plant Wide Electrical Testing and Power System Analysis Program to CDM Smith Inc. for a total amount not to exceed \$498,940.00; and

BE IT FURTHER RESOLVED that a Professional Service Contract for the services described herein be entered into and approved by the Authority; and BE IT FURTHER RESOLVED that a Notice of Award will be published in accordance with law.

RESOLUTION #23-10 (Attachment)

Rahway Valley Sewerage Authority
1050 East Hazelwood Avenue
Rahway, New Jersey 07065

To: RVSA Commissioners
From: Andrea DeCarlo
Re: Determination of Value for Non-Fair and Open Contract Awards
In accordance with N.J.S.A. 19:44A-20.5
Date: May 18, 2023

Pursuant to the provisions of the Pay-to-Play Laws, "prior to the governing body formally considering a resolution awarding a non-fair and open contract, an appropriate official must certify in writing that the estimated amount of the contract to be awarded exceeds \$17,500. ... The determination should be kept on file and made part of the resolution awarding the contract."

This is to notify the Board that a Resolution for the contract listed below has been placed on the Regular Meeting agenda for action.

Contract: #203-ES – Engineering Services for Plant-Wide Electrical Testing and Power System Analysis Program
Vendor: CDM Smith Inc.
Contract Term: Until project completion, in accordance with N.J.S.A. 40A:11-15(9)
Contract Amount: \$498,940.00

- 3. **Resolution #23-11** - Authorizing the purchase of electricity for public use through the use of an online auction service.

Motion: Mr. Gottko
Second: Mr. Gelin

The motion was approved by those present.

RESOLUTION #23-11

A RESOLUTION AUTHORIZING THE EXTENSION OF CONTRACT #1828 FOR REVERSE AUCTION FOR THE PURCHASE OF ELECTRICITY

WHEREAS, the Rahway Valley Sewerage Authority (“Authority”) had previously entered into Contract #1828 – ENGAGING EMEX, LLC TO ACT AS THE BROKER FOR THE PURCHASE OF ELECTRICITY FOR PUBLIC USE THROUGH AN ONLINE AUCTION with EMEX, LLC, a division of Mantis Innovation, (“EMEX”); and

WHEREAS, the Local Government Electronic Procurement Act (P.L. 2018, c. 156) (the “Act”) authorizes the purchase of electricity for public use through the use of an online auction service; and

WHEREAS, both parties have agreed to a two-year contract extension of services based on the original terms; and

WHEREAS, James Meehan, Executive Director, is satisfied with the services performed under this contract and therefore recommends extending Contract #1828 for an additional two (2) year term.

NOW, THEREFORE, BE IT RESOLVED by the Rahway Valley Sewerage Authority that a two-year extension to Contract #1828 is hereby approved, for a contract term commencing May 19, 2023 and concluding May 19, 2025, and

BE IT FURTHER RESOLVED that if the Authority should utilize the services of EMEX, LLC, then EMEX, LLC shall be compensated for all services rendered, through the participating electricity supplier that the contract is awarded to, at a cost of \$0.001/kW of electricity sold to the Authority; and

BE IT FURTHER RESOLVED that the Executive Director is hereby authorized to execute said extension to the Contract previously entered into; and

BE IT FURTHER RESOLVED that if the Authority determines to utilize third party electricity and proceeds with the auction services, the Executive Director of the Authority be and is hereby authorized to execute on behalf of the Rahway Valley Sewerage Authority, a contract with the participating supplier that submits the winning bid in the EMEX Reverse Auction and that said award shall be affirmed by resolution to be adopted by the Rahway Valley Sewerage Authority Board of Commissioners at its next available meeting after award of said contract.

Bills and Claims

Mr. Harms offered one motion.

Motion that the following bills and claims list previously reviewed by the Finance Committee be ordered paid.

Motion: Mr. Harms

Second: Mr. Furci

The motion was approved by those present.

BILLS AND CLAIMS LISTING**BUILDING & EQUIPMENT FUND**

CHECK	DATE	VENDOR	LINE/ACCT	AMOUNT
1068	5/18/23	PAULUS, SOKOLOWSKI & SARTOR	140.02	\$4,724.00
1069	5/18/23	CMS CONSTRUCTION INC.	140.02	\$135,877.00

Total Building & Equipment Fund Checks: 2

Total Void Checks: 0

Total Void Check Amount: \$0.00

Total Building & Equipment Fund Checks Paid: \$140,601.00

OPERATING FUND – MANUAL

CHECK	DATE	VENDOR	LINE/ACCT	AMOUNT
467	5/3/23	RAHWAY VALLEY S.A. - PAYROLL	01/02	\$216,844.88
468	5/11/23	RAHWAY VALLEY S.A. - PAYROLL	01/02	\$237,068.86
469	5/11/23	NJ STATE HEALTH BENEFITS	03/04	\$150,215.17

Total Operating Fund Manual Checks: 3

Total Void Checks: 0

Total Void Check Amount: 0

Total Operating Fund Manual Checks Paid: \$604,128.91

OPERATING FUND

CHECK	DATE	VENDOR	LINE/ACCT	AMOUNT
3591	5/3/23	AQUA PRO-TECH LABORATORIES	41	\$5,512.00
3592	5/3/23	ELIZABETHTOWN GAS	22	\$16,068.84
3593	5/3/23	NJ MANUFACTURERS INSURANCE CO.	17	\$13,597.00
3594	5/3/23	NJ WATER ENVIRONMENT ASSOC.	31	\$744.00
3595	5/3/23	STANDARD INSURANCE COMPANY RD	03	\$2,063.82
3596	5/3/23	VERIZON WIRELESS	11	\$1,194.17
3597	5/3/23	VISION SERVICE PLAN	03	\$1,761.00
3598	5/3/23	WAGE WORKS INC.	03	\$105.00
3599	5/4/23	UGI ENERGY SERVICES, LLC	22	\$569.50
3600	5/18/23	A&M INDUSTRIAL SUPPLY COMPANY	32	\$932.80
3601	5/18/23	A TOUCH OF ITALY	49	\$330.54
3602	5/18/23	ADP SCREENING & SELECTION SVC.	08	\$190.30
3603	5/18/23	AQUAFIX, INC	29	\$10,590.03
3604	5/18/23	ATLANTIC ANALYTICAL LABORATORY	41	\$2,675.00
3605	5/18/23	ATLANTIC COMMUNICATION	31	\$957.90
3606	5/18/23	BANK OF AMERICA	13/15/27	\$242.90
3607	5/18/23	B & B DISPOSAL	32	\$675.00
3608	5/18/23	CORTEL TECHNOLOGIES, LLC	27	\$1,934.55
3609	5/18/23	BOWCO LABORATORIES, INC.	32	\$63.00
3610	5/18/23	GEORGE CHESKOWICH	15	\$310.25
3611	5/18/23	CITY OF RAHWAY - UNITED WATER	33	\$7,642.10

CHECK	DATE	VENDOR	LINE/ACCT	AMOUNT
3612	5/18/23	COGENT COMMUNICATIONS, INC.	27	\$1,165.00
3613	5/18/23	COMCAST	27	\$837.27
3614	5/18/23	CONFIRE FIRE PROTECTION	31	\$151.00
3615	5/18/23	CORROSION PRODUCTS, INC	32	\$272.98
3616	5/18/23	CSL SERVICES, INC.	30	\$10,750.00
3617	5/18/23	DELTA DENTAL OF NEW JERSEY INC	03	\$7,843.38
3618	5/18/23	ELIZABETHTOWN GAS	22	\$442.67
3619	5/18/23	ENVIRONMENTAL COMPLIANCE	41	\$2,435.00
3620	5/18/23	FACTORY DIRECT PIPELINE	32	\$2,295.58
3621	5/18/23	CODY GEARDINO	15	\$60.84
3622	5/18/23	GLOBAL INDUSTRIAL EQUIPMENT CO	32	\$563.40
3623	5/18/23	GOVCONNECTION, INC.	27	\$256.05
3624	5/18/23	GP JAGER INC.	32	\$2,591.65
3625	5/18/23	GRAINGER	32	\$6,362.57
3626	5/18/23	GREENBAUM, ROWE, SMITH & DAVIS	07	\$6,011.50
3627	5/18/23	HACH COMPANY	40	\$1,269.38
3628	5/18/23	HATFIELD SCHWARTZ LAW GROUP	08	\$70.00
3629	5/18/23	HIGHMARK ANALYTICS	41	\$1,701.50
3630	5/18/23	HOME DEPOT CREDIT SERVICES	32	\$908.89
3631	5/18/23	MELISSA VENTURA	15	\$154.12
3632	5/18/23	MAIN POOL & CHEMICAL INC	29	\$5,758.50
3633	5/18/23	MCCLOSKEY MECHANICAL CONTRACTOR	32	\$595.20
3634	5/18/23	MECHANICAL SERVICE CORP.	32	\$1,246.75
3635	5/18/23	JAMES J. MEEHAN	15	\$116.39
3636	5/18/23	MICHAEL PATSINER	31	\$1,318.00
3637	5/18/23	MIDDLESEX WATER COMPANY	33	\$1,657.74
3638	5/18/23	MILLER AND CHITTY CO., INC.	32	\$664.00
3639	5/18/23	NAVITEND	27	\$35.00
3640	5/18/23	NAPA AUTO PARTS OF COLONIA	35	\$274.25
3641	5/18/23	NJ WATER ENVIRONMENT ASSOC.	37	\$30.00
3642	5/18/23	ONE CALL CONCEPTS, INC.	32	\$34.32
3643	5/18/23	OUTSTANDING SERVICE CO. INC.	32	\$230.95
3644	5/18/23	PITNEY BOWES GLOBAL	48	\$182.61
3645	5/18/23	POLYDYNE INC.	23	\$28,810.00
3646	5/18/23	LINDE GAS & EQUIPMENT INC	32	\$733.80
3647	5/18/23	PREMIER TECHNOLOGY SOLUTIONS	27	\$25,242.00
3648	5/18/23	PRIMEPOINT, LLC	16	\$824.20
3649	5/18/23	PSE&G COMPANY	19	\$18,586.85
3650	5/18/23	PUMPING SERVICES, INC.	32	\$1,694.80
3651	5/18/23	PASSAIC VALLEY SEWERAGE	25	\$693.00
3652	5/18/23	RADWELL INTERNATIONAL, INC.	32	\$2,134.76
3653	5/18/23	SAKER SHOPRITES, INC.	49	\$31.94
3654	5/18/23	DARREN SCHIPPE	15	\$67.86
3655	5/18/23	SPECTRASERV INC.	26	\$3,033.80
3656	5/18/23	STAPLES CREDIT PLAN	27	\$576.06
3657	5/18/23	SUR-SEAL INC	32	\$1,027.64
3658	5/18/23	JANET THEVENIN	15	\$459.52
3659	5/18/23	THOMAS SCIENTIFIC	40	\$3,396.06
3660	5/18/23	UGI ENERGY SERVICES, LLC	22	\$17,176.32
3661	5/18/23	UNIFIRST CORPORATION	32	\$2,176.77

CHECK	DATE	VENDOR	LINE/ACCT	AMOUNT
3662	5/18/23	UNISON SOLUTIONS INC	28	\$3,509.12
3663	5/18/23	UNITED PARCEL SERVICE	48	\$12.98
3664	5/18/23	UNITED RENTALS	32	\$3,099.74
3665	5/18/23	USA BLUEBOOK	28/32	\$945.36
3666	5/18/23	VERIZON	11	\$0.87
3667	5/18/23	VANTON PUMP & EQUIPMENT	32	\$5,968.00
3668	5/18/23	W. A. BIRDSALL & CO.	32	\$833.55
3669	5/18/23	WASTE MANAGEMENT OF NEW JERSEY	25	\$64,005.16
3670	5/18/23	WB MASON COMPANY, INC.	13/27	\$1,764.21
3671	5/18/23	WOODBIDGE PRINTING CENTER	13	\$1,237.25
3672	5/18/23	MICHAEL FURCI	49	\$150.00
3675	5/18/23	CSL SERVICES, INC.	30	\$10,750.00
3676	5/18/23	ACME INDUSTRIAL, INC.	28	\$3,870.00

Total Operating Fund Checks: 84
 Total Void Checks: 0
 Total Void Check Amount: \$0
 Total Operating Fund Checks Paid: \$329,257.81

OPERATING FUND	01	\$933,386.72
BUILDING & EQUIPMENT FUND	02	\$140,601.00
		=====
TOTAL OF ALL FUNDS:		\$1,073,987.72

Mr. Furci asked the board if it would consider throwing out the excessive flows for April 29, 2023, and April 30, 2023, because on those days we received heavy rain, and seven municipalities have already exceeded their flow limits on those days. Mr. Meehan stated that it has been a while but this has been done before, and with the past rain events this would make sense. Mr. Buonocore stated that the excessiveness will still be seen on reports, but can be subtracted at the end of the year. He added that it has to be done this way because of how the database is programmed.

Mr. Furci offered one motion.

- Motion #2023-01** – Waiving the flow right violations that occurred on April 29, 2023 and April 30, 2023 due to the excessive amount of rainfall
 Motion: Mr. Furci
 Second: Mr. Rachlin

The motion was approved by those present.

Open the floor to the Public for questions or comments

None.

Closed Session

Mr. Beiner made a motion to close the meeting at 5:56 p.m. for discussion regarding special project negotiations. The motion was seconded by Mr. Furci and approved by those present.

Mr. Beiner made a motion to return to the regular order of business at 6:02 p.m. The motion was seconded by Mr. Rachlin and approved by those present.

Adjournment

As there was no further business, on motion of Mr. Beiner, second by Mr. Harms, the meeting adjourned at 6:03 p.m. The motion was approved by those present.

Chairman

Karen Lesane

Board Secretary

Attachments:
Flow Rights Report 04/2023
User Charge Report 04/2023



Re: Flow Rights Utilization Report - April 2023

Attached for your use please find Flow Rights Utilization Report for April 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 2023 measuring year.

Member	Flow Rights (MGD)	Current Month		Measuring Year to Date		No. of Days Above Limit (2)		Total Excess Usage for 2023 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 2023 Measuring Year	
Cranford	9.19	2.77	15.52	2.61	15.52	2	4	3.20742
Garwood	3.69	1.18	8.89	1.07	8.89	2	3	0.38406
Kenilworth	2.75	0.82	3.07	0.93	3.07	1	1	0.00596
Mountainside	3.15	0.76	2.46	0.77	2.46	0	0	0
Rahway	17.26	4.05	26.76	4.52	26.76	2	3	1.14821
Roselle Park	1.94	0.27	1.93	0.32	1.93	0	0	0
Scotch Plains	4.73	1.24	4.63	1.24	4.63	0	0	0
Springfield	4.39	2.88	7.93	2.68	7.93	2	10	4.76095
Westfield	10.94	3.20	16.29	3.39	16.29	2	3	1.66042
Woodbridge	3.49	0.91	6.43	0.97	6.43	2	8	4.67261

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 300,000 GPD effective August 1, 2022 as per Resolution #22-26.



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)						
4/01	0.37	15:30	17.04	0.46			4.66	10.34			2.50	OK	0	0
4/02	0	13:45	16.02	0.51			4.66	9.40			2.47	OK	0	0
4/03	0	22:15	14.71	0.42			4.11	9.00			2.01	OK	0	0
4/04	0	14:15	13.85	0.38			3.62	8.93			1.68	OK	0	0
4/05	0	11:30	14.42	0.41			4.04	9.04			1.75	OK	0	0
4/06	0	12:00	13.61	0.39			4.12	8.27			1.61	OK	0	0
4/07	0	15:45	13.58	0.41			3.86	8.60			1.52	OK	0	0
4/08	0	13:30	15.51	0.50			4.47	9.78			1.75	OK	0	0
4/09	0	15:00	15.64	0.47			4.38	9.84			1.90	OK	0	0
4/10	0	14:45	14.00	0.40			3.82	8.87			1.71	OK	0	0
4/11	0	11:00	13.70	0.41			4.34	8.15			1.62	OK	0	0
4/12	0	22:30	13.68	0.40			4.45	8.43			1.21	OK	0	0
4/13	0	12:15	14.46	0.40			4.01	9.14			1.71	OK	0	0
4/14	0	11:15	13.60	0.39			4.16	8.31			1.52	OK	0	0
4/15	0.24	22:45	15.10	0.43			4.66	9.43			1.45	OK	0	0
4/16	0	15:45	13.82	0.43			3.99	8.50			1.76	OK	0	0
4/17	0.04	23:45	14.57	0.45			4.49	8.88			1.64	OK	0	0
4/18	0	00:00	14.33	0.45			4.37	8.79			1.61	OK	0	0
4/19	0	13:15	13.60	0.36			3.82	8.52			1.61	OK	0	0
4/20	0	12:45	13.71	0.36			3.79	8.71			1.56	OK	0	0
4/21	0	12:45	14.00	0.40			4.19	8.53			1.68	OK	0	0
4/22	0.71	23:15	14.26	0.49			3.99	9.32			1.44	OK	0	0
4/23	0.86	12:15	20.48	0.66			5.81	12.44			2.88	OK	0	0
4/24	0	09:00	11.64	0.41			3.07	6.24			2.75	OK	0	0
4/25	0	10:30	15.02	0.40			4.62	9.25			1.55	OK	0	0
4/26	0	21:45	14.12	0.43			4.30	8.67			1.58	OK	0	0
4/27	0	22:30	14.20	0.45			4.19	8.70			1.76	OK	0	0
4/28	0.38	11:15	14.01	0.39			4.18	8.82			1.40	OK	0	0
4/29	2.49	10:00	34.42	1.48			10.17	20.66			5.07	Exceedance	0:15	0.00127
4/30	1.99	16:45	36.16	1.37			10.95	22.68			3.89	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							
			RV10	RV13	RV30 (-90 min)		RV02 (-90 min)	RV03 (-60 min)	RV29 (-75 min)					
4/01	0.37	10:15	8.97	0.65	0.24		2.99	1.39	0.90		4.57	OK	0	0
4/02	0	11:30	9.07	0.75	0.28		3.68	1.96	1.11		3.35	OK	0	0
4/03	0	10:45	9.70	0.72	0.30		3.91	1.86	1.76		3.19	OK	0	0
4/04	0	21:30	9.61	0.81	0.28		3.94	1.86	1.40		3.51	OK	0	0
4/05	0	09:00	7.67	0.77	0.25		2.86	1.52	0.94		3.37	OK	0	0
4/06	0	21:15	8.63	0.80	0.29		3.86	1.62	0.99		3.25	OK	0	0
4/07	0	20:45	8.62	0.81	0.30		3.97	1.62	0.98		3.16	OK	0	0
4/08	0	10:45	8.48	0.78	0.31		3.07	1.74	1.22		3.54	OK	0	0
4/09	0	11:15	8.51	0.78	0.30		3.45	1.85	1.03		3.26	OK	0	0
4/10	0	11:00	8.63	0.68	0.30		4.01	1.71	0.96		2.93	OK	0	0
4/11	0	20:45	8.44	0.65	0.27		3.69	1.65	1.15		2.86	OK	0	0
4/12	0	12:15	8.92	0.67	0.35		4.00	1.64	1.22		3.09	OK	0	0
4/13	0	10:15	8.01	0.63	0.30		3.52	1.73	0.89		2.80	OK	0	0
4/14	0	13:15	9.32	0.66	0.30		4.14	1.55	1.69		2.90	OK	0	0
4/15	0.24	19:30	8.47	0.66	0.26		3.86	1.60	0.91		3.02	OK	0	0
4/16	0	10:45	7.79	0.66	0.28		3.08	1.53	0.90		3.21	OK	0	0
4/17	0.04	12:30	9.10	0.65	0.31		4.28	1.84	0.93		3.01	OK	0	0
4/18	0	09:30	6.71	0.67	0.25		2.46	1.44	0.85		2.88	OK	0	0
4/19	0	22:15	8.64	0.65	0.31		3.69	1.77	0.98		3.15	OK	0	0
4/20	0	21:30	8.32	0.61	0.27		3.64	1.53	0.99		3.06	OK	0	0
4/21	0	10:15	7.54	0.61	0.29		2.87	1.61	0.96		3.01	OK	0	0
4/22	0.71	23:00	9.60	0.78	0.26		3.87	1.85	0.96		3.96	OK	0	0
4/23	0.86	12:30	13.21	1.07	0.34		4.47	2.74	2.22		5.18	OK	0	0
4/24	0	09:00	9.32	0.76	0.26		2.67	1.42	0.85		5.41	OK	0	0
4/25	0	21:15	9.23	0.71	0.29		3.84	1.77	1.02		3.60	OK	0	0
4/26	0	09:00	8.81	0.65	0.28		2.83	1.62	1.82		3.48	OK	0	0
4/27	0	20:00	8.52	0.62	0.28		3.50	1.55	1.00		3.38	OK	0	0
4/28	0.38	23:45	9.11	0.66	0.24		3.99	1.68	0.91		3.42	OK	0	0
4/29	2.49	15:45	28.10	2.69	0.53		9.80	5.74	2.67		13.11	Exceedance	15:00	1.56754
4/30	1.99	19:00	30.24	2.97	0.55		9.11	6.15	2.98		15.52	Exceedance	9:45	1.18183

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								
			RV03				RV04 (-45 min)	RV05 (-45 min)	RV06 (-60 min)						
4/01	0.37	11:15	2.37					0.34	0.25	0.12		1.65	OK	0	0
4/02	0	20:15	2.03					0.18	0.24	0.13		1.48	OK	0	0
4/03	0	20:45	2.07					0.20	0.24	0.17		1.47	OK	0	0
4/04	0	21:15	1.99					0.18	0.25	0.15		1.41	OK	0	0
4/05	0	10:15	1.90					0.21	0.24	0.14		1.32	OK	0	0
4/06	0	10:00	1.82					0.21	0.24	0.10		1.27	OK	0	0
4/07	0	12:15	1.92					0.20	0.25	0.15		1.32	OK	0	0
4/08	0	12:30	2.04					0.23	0.26	0.13		1.43	OK	0	0
4/09	0	10:00	1.92					0.18	0.24	0.11		1.39	OK	0	0
4/10	0	21:15	2.07					0.25	0.36	0.12		1.33	OK	0	0
4/11	0	08:45	2.03					0.24	0.34	0.15		1.30	OK	0	0
4/12	0	08:45	1.93					0.25	0.32	0.12		1.25	OK	0	0
4/13	0	22:00	1.95					0.23	0.33	0.13		1.26	OK	0	0
4/14	0	14:15	1.91					0.18	0.23	0.11		1.40	OK	0	0
4/15	0.24	21:30	2.11					0.18	0.34	0.12		1.47	OK	0	0
4/16	0	21:45	2.11					0.24	0.33	0.14		1.40	OK	0	0
4/17	0.04	10:15	2.09					0.23	0.33	0.11		1.42	OK	0	0
4/18	0	09:45	2.00					0.21	0.32	0.13		1.35	OK	0	0
4/19	0	22:30	1.95					0.23	0.33	0.15		1.25	OK	0	0
4/20	0	22:30	1.93					0.24	0.29	0.14		1.26	OK	0	0
4/21	0	09:45	1.98					0.26	0.24	0.12		1.36	OK	0	0
4/22	0.71	22:30	1.94					0.17	0.25	0.11		1.41	OK	0	0
4/23	0.86	12:30	2.90					0.31	0.41	0.20		1.99	OK	0	0
4/24	0	08:45	2.09					0.27	0.18	0.13		1.51	OK	0	0
4/25	0	08:15	1.99					0.22	0.27	0.14		1.36	OK	0	0
4/26	0	08:30	2.19					0.22	0.34	0.12		1.51	OK	0	0
4/27	0	08:00	1.90					0.20	0.18	0.11		1.42	OK	0	0
4/28	0.38	08:45	1.90					0.23	0.24	0.15		1.28	OK	0	0
4/29	2.49	11:45	5.76					0.48	0.90	0.35		4.03	Exceedance	3:30	0.01726
4/30	1.99	23:45	14.51					0.92	1.91	2.78		8.89	Exceedance	7:45	0.36054

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							
			RV02	RV07			RV01 (-15 min)	RV20						
4/01	0.37	10:00	3.97	0.73			2.35	0.50			1.86	OK	0	0
4/02	0	10:30	3.93	0.74			2.42	0.51			1.74	OK	0	0
4/03	0	08:45	3.70	0.70			2.15	0.45			1.81	OK	0	0
4/04	0	07:30	3.03	0.71			2.13	0.48			1.13	OK	0	0
4/05	0	18:15	3.97	0.66			2.73	0.79			1.11	OK	0	0
4/06	0	14:15	4.12	0.74			2.94	0.91			1.02	OK	0	0
4/07	0	09:00	3.28	0.70			2.43	0.55			0.99	OK	0	0
4/08	0	11:30	4.36	0.79			3.25	0.85			1.05	OK	0	0
4/09	0	13:45	4.68	0.67			3.14	1.00			1.20	OK	0	0
4/10	0	17:45	3.73	0.65			2.58	0.77			1.04	OK	0	0
4/11	0	11:15	4.09	0.68			2.67	0.92			1.18	OK	0	0
4/12	0	20:45	4.00	0.64			2.87	0.86			0.92	OK	0	0
4/13	0	20:45	3.94	0.66			2.73	0.82			1.05	OK	0	0
4/14	0	14:45	3.81	0.67			2.71	0.77			1.00	OK	0	0
4/15	0.24	13:30	4.23	0.70			3.02	0.92			0.99	OK	0	0
4/16	0	10:45	3.98	0.71			2.86	0.84			1.00	OK	0	0
4/17	0.04	08:45	3.58	0.69			2.16	0.63			1.48	OK	0	0
4/18	0	08:30	2.75	0.67			2.00	0.42			1.01	OK	0	0
4/19	0	22:30	4.21	0.61			2.94	0.89			0.99	OK	0	0
4/20	0	08:45	2.86	0.63			1.98	0.46			1.06	OK	0	0
4/21	0	19:15	3.71	0.57			2.61	0.69			0.99	OK	0	0
4/22	0.71	22:45	4.12	0.70			2.80	0.88			1.14	OK	0	0
4/23	0.86	12:15	5.09	0.90			3.67	1.09			1.23	OK	0	0
4/24	0	08:45	4.01	0.67			2.40	0.44			1.84	OK	0	0
4/25	0	22:30	4.45	0.60			3.09	0.93			1.04	OK	0	0
4/26	0	22:15	4.38	0.58			2.98	0.93			1.05	OK	0	0
4/27	0	07:45	2.96	0.62			2.02	0.43			1.13	OK	0	0
4/28	0.38	08:00	3.16	0.62			2.17	0.51			1.09	OK	0	0
4/29	2.49	11:30	9.67	1.82			7.16	1.94			2.39	OK	0	0
4/30	1.99	18:30	9.79	2.09			6.68	2.13			3.07	Exceedance	0:45	0.00596

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											
4/01	0.37	14:15	1.09							1.09	OK	0	0	
4/02	0	14:30	0.95							0.95	OK	0	0	
4/03	0	11:00	0.98							0.98	OK	0	0	
4/04	0	11:00	0.99							0.99	OK	0	0	
4/05	0	11:00	0.97							0.97	OK	0	0	
4/06	0	11:30	0.98							0.98	OK	0	0	
4/07	0	11:45	0.94							0.94	OK	0	0	
4/08	0	12:45	0.96							0.96	OK	0	0	
4/09	0	13:00	1.05							1.05	OK	0	0	
4/10	0	11:15	1.00							1.00	OK	0	0	
4/11	0	10:00	1.02							1.02	OK	0	0	
4/12	0	09:45	0.98							0.98	OK	0	0	
4/13	0	10:30	1.00							1.00	OK	0	0	
4/14	0	10:00	1.06							1.06	OK	0	0	
4/15	0.24	21:00	1.09							1.09	OK	0	0	
4/16	0	22:30	0.98							0.98	OK	0	0	
4/17	0.04	11:15	1.00							1.00	OK	0	0	
4/18	0	11:00	1.01							1.01	OK	0	0	
4/19	0	11:00	1.01							1.01	OK	0	0	
4/20	0	10:45	0.99							0.99	OK	0	0	
4/21	0	11:15	0.95							0.95	OK	0	0	
4/22	0.71	23:45	0.97							0.97	OK	0	0	
4/23	0.86	13:00	1.16							1.16	OK	0	0	
4/24	0	10:15	1.01							1.01	OK	0	0	
4/25	0	09:45	1.00							1.00	OK	0	0	
4/26	0	09:45	1.03							1.03	OK	0	0	
4/27	0	10:15	0.97							0.97	OK	0	0	
4/28	0.38	10:00	0.97							0.97	OK	0	0	
4/29	2.49	13:30	2.16							2.16	OK	0	0	
4/30	1.99	20:15	2.46							2.46	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)				
4/01	0.37	20:30	21.90	3.48			15.13	0.64	0.93	0.48	8.19	OK	0	0
4/02	0	16:30	21.44	2.78			15.85	0.72	1.12	0.43	6.10	OK	0	0
4/03	0	22:00	20.46	0.49			13.01	0.74	0.75	0.43	6.04	OK	0	0
4/04	0	14:15	19.15	2.04			13.35	0.80	0.80	0.40	5.84	OK	0	0
4/05	0	00:45	19.58	0.65			13.09	0.73	0.92	0.42	5.07	OK	0	0
4/06	0	18:00	17.42	2.24			12.80	0.72	0.65	0.40	5.10	OK	0	0
4/07	0	21:00	18.91	0.00			12.49	0.76	0.71	0.42	4.53	OK	0	0
4/08	0	15:45	20.75	0.98			14.16	0.75	0.84	0.44	5.54	OK	0	0
4/09	0	14:45	22.37	2.14			15.85	0.74	0.93	0.51	6.49	OK	0	0
4/10	0	17:15	18.20	1.47			11.59	0.63	0.67	0.36	6.42	OK	0	0
4/11	0	22:30	21.00	0.00			12.73	0.65	0.71	0.42	6.50	OK	0	0
4/12	0	02:45	17.13	0.08			9.86	0.46	0.53	0.27	6.09	OK	0	0
4/13	0	08:30	11.51	1.92			6.59	0.45	0.38	0.32	5.69	OK	0	0
4/14	0	00:30	17.34	2.59			13.08	0.60	0.71	0.37	5.18	OK	0	0
4/15	0.24	00:30	16.60	1.89			11.59	0.54	0.63	0.34	5.37	OK	0	0
4/16	0	15:15	20.37	2.33			14.05	0.66	0.92	0.45	6.62	OK	0	0
4/17	0.04	23:30	20.88	0.00			14.02	0.62	0.82	0.44	4.98	OK	0	0
4/18	0	00:00	20.71	1.07			14.19	0.63	0.85	0.42	5.69	OK	0	0
4/19	0	11:00	17.19	0.00			9.45	0.60	0.71	0.38	6.05	OK	0	0
4/20	0	11:30	17.68	0.00			11.04	0.60	0.78	0.39	4.88	OK	0	0
4/21	0	10:30	15.49	0.00			8.16	0.56	0.79	0.39	5.59	OK	0	0
4/22	0.71	23:45	23.34	1.73			13.78	0.62	0.91	0.44	9.32	OK	0	0
4/23	0.86	07:45	21.32	0.00			11.36	0.71	0.95	0.46	7.85	OK	0	0
4/24	0	09:30	16.12	0.00			8.29	0.58	0.83	0.39	6.04	OK	0	0
4/25	0	21:15	18.98	0.28			12.07	0.68	0.80	0.39	5.31	OK	0	0
4/26	0	02:15	17.58	0.94			11.76	0.50	0.74	0.30	5.23	OK	0	0
4/27	0	21:15	19.02	0.00			12.31	0.62	0.80	0.40	4.89	OK	0	0
4/28	0.38	23:45	19.36	0.96			12.41	0.62	0.82	0.37	6.10	OK	0	0
4/29	2.49	12:30	47.68	19.19			38.51	2.41	5.26	1.48	19.22	Exceedance	0:30	0.02522
4/30	1.99	23:00	53.32	28.51			44.51	3.03	6.12	1.41	26.76	Exceedance	5:45	1.12275

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								
			RV29				RV30 (-15 min)	RV07 (-30 min)							
4/01	0.37	09:30	1.82					0.29	0.59			0.95	OK	0	0
4/02	0	08:00	1.62					0.19	0.51			0.92	OK	0	0
4/03	0	09:15	1.82					0.29	0.70			0.83	OK	0	0
4/04	0	07:15	1.81					0.25	0.59			0.98	OK	0	0
4/05	0	09:30	1.89					0.31	0.60			0.99	OK	0	0
4/06	0	06:00	1.56					0.19	0.48			0.88	OK	0	0
4/07	0	07:00	1.56					0.20	0.46			0.90	OK	0	0
4/08	0	20:15	1.77					0.27	0.65			0.85	OK	0	0
4/09	0	20:00	1.77					0.26	0.58			0.92	OK	0	0
4/10	0	07:00	1.62					0.22	0.51			0.89	OK	0	0
4/11	0	10:15	1.82					0.28	0.63			0.92	OK	0	0
4/12	0	09:00	1.76					0.31	0.62			0.84	OK	0	0
4/13	0	00:15	1.55					0.23	0.44			0.89	OK	0	0
4/14	0	02:30	1.40					0.17	0.42			0.81	OK	0	0
4/15	0.24	12:45	1.93					0.30	0.71			0.91	OK	0	0
4/16	0	10:45	1.85					0.31	0.64			0.90	OK	0	0
4/17	0.04	21:00	1.83					0.29	0.61			0.94	OK	0	0
4/18	0	19:45	1.73					0.27	0.60			0.86	OK	0	0
4/19	0	19:00	1.74					0.26	0.58			0.90	OK	0	0
4/20	0	11:45	1.88					0.32	0.57			1.00	OK	0	0
4/21	0	21:00	1.83					0.26	0.57			1.00	OK	0	0
4/22	0.71	20:30	1.75					0.27	0.54			0.94	OK	0	0
4/23	0.86	11:30	2.32					0.33	0.89			1.10	OK	0	0
4/24	0	17:00	1.85					0.25	0.59			1.02	OK	0	0
4/25	0	09:45	1.84					0.31	0.57			0.97	OK	0	0
4/26	0	17:00	1.82					0.24	0.54			1.04	OK	0	0
4/27	0	17:00	1.87					0.26	0.58			1.03	OK	0	0
4/28	0.38	17:30	1.81					0.25	0.58			0.98	OK	0	0
4/29	2.49	11:30	3.67					0.49	1.72			1.47	OK	0	0
4/30	1.99	18:45	4.44					0.55	1.96			1.93	OK	0	0

TOTAL	7.08											Total	0	0
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AVERAGE PEAK FLOW	1.93	0.00	0.00	0.28	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										
4/01	0.37	14:45	1.24	0.51							1.75	OK	0	0
4/02	0	11:30	1.14	0.56							1.70	OK	0	0
4/03	0	10:00	1.11	0.51							1.62	OK	0	0
4/04	0	09:00	1.12	0.48							1.60	OK	0	0
4/05	0	09:45	1.11	0.51							1.62	OK	0	0
4/06	0	11:30	1.11	0.46							1.57	OK	0	0
4/07	0	12:30	1.12	0.49							1.61	OK	0	0
4/08	0	10:30	1.08	0.57							1.65	OK	0	0
4/09	0	12:00	1.20	0.50							1.70	OK	0	0
4/10	0	20:30	1.09	0.52							1.61	OK	0	0
4/11	0	08:15	1.06	0.56							1.62	OK	0	0
4/12	0	21:15	1.16	0.49							1.65	OK	0	0
4/13	0	11:15	1.12	0.51							1.63	OK	0	0
4/14	0	08:45	1.12	0.48							1.60	OK	0	0
4/15	0.24	20:45	1.14	0.48							1.62	OK	0	0
4/16	0	13:30	1.12	0.54							1.66	OK	0	0
4/17	0.04	10:00	1.13	0.46							1.59	OK	0	0
4/18	0	10:30	1.12	0.45							1.56	OK	0	0
4/19	0	21:00	1.07	0.52							1.58	OK	0	0
4/20	0	09:30	1.18	0.45							1.63	OK	0	0
4/21	0	19:45	1.11	0.44							1.55	OK	0	0
4/22	0.71	21:00	0.98	0.62							1.60	OK	0	0
4/23	0.86	12:15	1.42	0.59							2.01	OK	0	0
4/24	0	21:45	1.13	0.49							1.62	OK	0	0
4/25	0	22:45	1.18	0.46							1.64	OK	0	0
4/26	0	21:15	1.05	0.54							1.59	OK	0	0
4/27	0	09:15	1.06	0.48							1.54	OK	0	0
4/28	0.38	09:45	1.04	0.49							1.52	OK	0	0
4/29	2.49	09:00	1.50	0.81							2.32	OK	0	0
4/30	1.99	22:45	2.90	1.73							4.63	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											
4/01	0.37	15:15	3.72							3.72	OK	0	0	
4/02	0	14:45	3.38							3.38	OK	0	0	
4/03	0	22:30	3.33							3.33	OK	0	0	
4/04	0	11:30	3.22							3.22	OK	0	0	
4/05	0	11:00	3.21							3.21	OK	0	0	
4/06	0	12:15	3.23							3.23	OK	0	0	
4/07	0	13:00	3.34							3.34	OK	0	0	
4/08	0	13:00	3.43							3.43	OK	0	0	
4/09	0	13:00	3.27							3.27	OK	0	0	
4/10	0	09:45	3.29							3.29	OK	0	0	
4/11	0	21:30	3.18							3.18	OK	0	0	
4/12	0	22:00	3.31							3.31	OK	0	0	
4/13	0	09:30	3.15							3.15	OK	0	0	
4/14	0	10:45	3.19							3.19	OK	0	0	
4/15	0.24	20:15	3.42							3.42	OK	0	0	
4/16	0	14:45	3.40							3.40	OK	0	0	
4/17	0.04	23:00	3.28							3.28	OK	0	0	
4/18	0	11:00	3.25							3.25	OK	0	0	
4/19	0	00:00	3.23							3.23	OK	0	0	
4/20	0	23:45	3.25							3.25	OK	0	0	
4/21	0	00:15	3.23							3.23	OK	0	0	
4/22	0.71	14:15	3.26							3.26	OK	0	0	
4/23	0.86	13:45	4.06							4.06	OK	0	0	
4/24	0	00:15	3.50							3.50	OK	0	0	
4/25	0	10:30	3.33							3.33	OK	0	0	
4/26	0	09:30	3.29							3.29	OK	0	0	
4/27	0	10:00	3.24							3.24	OK	0	0	
4/28	0.38	09:45	3.20							3.20	OK	0	0	
4/29	2.49	12:45	7.68							7.68	Exceedance	17:15	1.64545	
4/30	1.99	20:00	7.93							7.93	Exceedance	23:00	1.26698	

TOTAL	7.08											Total	40:15	2.91243
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AVERAGE PEAK FLOW	3.63	0.00	0.00	0.00	0.00	0.00	0.00
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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)						
4/01	0.37	12:45	0.31	0.36	0.17	5.20	1.18	0.30			4.56	OK	0	0
4/02	0	12:15	0.24	0.26	0.14	4.76	1.14	0.30			3.96	OK	0	0
4/03	0	12:45	0.16	0.22	0.16	4.37	1.11	0.27			3.53	OK	0	0
4/04	0	22:15	0.15	0.18	0.14	4.11	1.13	0.24			3.22	OK	0	0
4/05	0	10:30	0.21	0.25	0.14	4.08	1.11	0.23			3.35	OK	0	0
4/06	0	10:15	0.19	0.25	0.11	4.11	1.07	0.28			3.32	OK	0	0
4/07	0	11:30	0.20	0.25	0.16	4.22	1.09	0.31			3.44	OK	0	0
4/08	0	12:00	0.24	0.29	0.15	4.40	1.10	0.29			3.69	OK	0	0
4/09	0	12:15	0.28	0.32	0.12	4.77	1.16	0.37			3.96	OK	0	0
4/10	0	11:45	0.22	0.28	0.17	4.48	1.13	0.22			3.79	OK	0	0
4/11	0	21:45	0.22	0.33	0.14	4.47	1.10	0.23			3.82	OK	0	0
4/12	0	21:30	0.26	0.29	0.14	4.31	1.08	0.28			3.65	OK	0	0
4/13	0	21:30	0.24	0.31	0.15	4.26	1.12	0.24			3.59	OK	0	0
4/14	0	09:30	0.24	0.30	0.12	4.18	1.12	0.26			3.45	OK	0	0
4/15	0.24	21:30	0.22	0.32	0.12	4.66	1.14	0.28			3.90	OK	0	0
4/16	0	21:30	0.24	0.40	0.13	4.57	1.11	0.29			3.94	OK	0	0
4/17	0.04	11:00	0.18	0.27	0.10	4.56	1.11	0.33			3.69	OK	0	0
4/18	0	10:45	0.19	0.31	0.12	4.37	1.08	0.22			3.69	OK	0	0
4/19	0	10:45	0.18	0.25	0.11	4.37	1.09	0.27			3.56	OK	0	0
4/20	0	23:45	0.15	0.24	0.10	4.29	1.08	0.22			3.49	OK	0	0
4/21	0	10:30	0.19	0.27	0.11	4.42	1.05	0.33			3.61	OK	0	0
4/22	0.71	14:00	0.20	0.25	0.11	4.48	1.06	0.28			3.71	OK	0	0
4/23	0.86	12:00	0.36	0.41	0.20	6.18	1.20	0.44			5.51	OK	0	0
4/24	0	09:00	0.27	0.34	0.15	4.63	0.62	0.34			4.44	OK	0	0
4/25	0	09:15	0.22	0.33	0.14	4.61	1.05	0.27			3.97	OK	0	0
4/26	0	21:30	0.23	0.32	0.16	4.38	1.01	0.29			3.78	OK	0	0
4/27	0	21:15	0.24	0.29	0.17	4.26	0.98	0.29			3.69	OK	0	0
4/28	0.38	10:00	0.22	0.36	0.12	4.22	1.06	0.28			3.58	OK	0	0
4/29	2.49	16:15	0.50	1.10	0.40	13.24	1.49	0.65			13.10	Exceedance	11:30	0.50392
4/30	1.99	19:30	0.84	1.55	2.42	14.16	1.69	0.98			16.29	Exceedance	7:30	1.05052

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											
4/01	0.37	13:45	1.18							1.18	OK	0	0	
4/02	0	13:15	1.24							1.24	OK	0	0	
4/03	0	10:30	0.95							0.95	OK	0	0	
4/04	0	23:45	0.94							0.94	OK	0	0	
4/05	0	20:45	0.87							0.87	OK	0	0	
4/06	0	09:30	0.87							0.87	OK	0	0	
4/07	0	10:00	0.82							0.82	OK	0	0	
4/08	0	12:30	0.95							0.95	OK	0	0	
4/09	0	13:45	0.99							0.99	OK	0	0	
4/10	0	11:45	0.83							0.83	OK	0	0	
4/11	0	21:15	0.76							0.76	OK	0	0	
4/12	0	10:15	0.94							0.94	OK	0	0	
4/13	0	11:00	0.77							0.77	OK	0	0	
4/14	0	10:45	0.78							0.78	OK	0	0	
4/15	0.24	22:00	0.89							0.89	OK	0	0	
4/16	0	12:15	0.95							0.95	OK	0	0	
4/17	0.04	22:15	0.85							0.85	OK	0	0	
4/18	0	09:45	0.81							0.81	OK	0	0	
4/19	0	23:45	0.89							0.89	OK	0	0	
4/20	0	10:00	0.85							0.85	OK	0	0	
4/21	0	10:15	0.89							0.89	OK	0	0	
4/22	0.71	23:00	1.00							1.00	OK	0	0	
4/23	0.86	12:30	2.05							2.05	OK	0	0	
4/24	0	09:30	1.09							1.09	OK	0	0	
4/25	0	09:15	1.00							1.00	OK	0	0	
4/26	0	09:30	0.96							0.96	OK	0	0	
4/27	0	09:15	0.88							0.88	OK	0	0	
4/28	0.38	09:30	0.89							0.89	OK	0	0	
4/29	2.49	12:30	6.43							6.43	Exceedance	16:45	1.3114	
4/30	1.99	20:15	6.30							6.30	Exceedance	13:45	0.82593	

TOTAL

Total

AVERAGE PEAK FLOW



2023 FIVE YEAR MOVING AVERAGE STATUSREPORT

April, 2023

MEMBER	Fractional Share of the Contribution ("Percent Share")						5 Year Moving Average	
	MEASURING YEAR (Oct-Sep)						Current Average (2)	Previous Average (3)
	2018	2019	2020	2021	2022	2023 (1)		
Clark	10.17%	8.33%	8.02%	7.49%	7.88%	6.66%	7.68%	8.38%
Cranford	7.25%	9.95%	11.08%	11.79%	10.19%	9.20%	10.44%	10.05%
Garwood	2.74%	2.33%	2.22%	2.23%	3.19%	4.20%	2.83%	2.54%
Kenilworth	4.09%	5.30%	3.62%	3.59%	3.62%	3.72%	3.97%	4.04%
Mountainside	3.68%	2.90%	2.44%	2.35%	2.71%	2.76%	2.63%	2.82%
Rahway	14.04%	18.01%	22.27%	21.64%	17.77%	18.50%	19.64%	18.75%
Roselle Park	0.84%	1.61%	2.08%	1.73%	0.87%	1.21%	1.50%	1.42%
Scotch Plains	5.88%	4.56%	4.23%	3.86%	4.01%	4.45%	4.22%	4.51%
Springfield	9.28%	9.28%	9.25%	9.20%	10.34%	10.39%	9.69%	9.47%
Westfield	14.79%	15.64%	14.32%	14.46%	15.74%	15.24%	15.08%	14.99%
Woodbridge	27.24%	22.09%	20.47%	21.66%	23.68%	23.67%	22.31%	23.03%
	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	99.99%	100.00%

Notes:

- (1) Figures computed based on Flow, BOD and TSS data received as of reporting month.
- (2) Five year moving average consisting of 2019, 2020, 2021, 2022, and month to date for 2023
- (3) Five year moving average consisting of 2018, 2019, 2020, 2021, and 2022



2023 Town Annual Percent Share

April, 2023

Member	Average Daily Flow (MGD)		Biochemical Oxygen Demand (Tons/Day)		Total Suspended Solids (Tons/Day)		Annual Percent Share	
	2022	2023	2022	2023	2022	2023	2022	2023
Clark	1.49	1.32	1.38	1.38	1.20	1.27	7.88%	6.66%
Cranford	2.54	2.44	1.57	1.46	1.87	1.79	10.19%	9.20%
Garwood	0.76	1.06	0.47	0.69	0.56	0.83	3.19%	4.20%
Kenilworth	0.85	0.94	0.53	0.61	0.63	0.74	3.62%	3.72%
Mountainside	0.67	0.73	0.42	0.44	0.50	0.54	2.71%	2.76%
Rahway	4.08	4.52	2.63	3.12	3.11	3.70	17.77%	18.50%
Roselle Park	0.20	0.31	0.13	0.20	0.17	0.24	0.87%	1.21%
Scotch Plains	1.01	1.17	0.62	0.71	0.74	0.87	4.01%	4.45%
Springfield	2.45	2.64	1.53	1.70	1.82	2.06	10.34%	10.39%
Westfield	3.50	3.64	2.17	2.59	2.58	3.09	15.74%	15.24%
Woodbridge (1)(2)	5.64	6.01	3.81	3.84	4.55	4.73	23.68%	23.67%
Totals:	23.20	24.77	15.26	16.74	17.73	19.86	100.00%	100.00%

Equations:

Assumptions: 200 gpd flow per unit at 200 mg/L BOD and TSS concentrations

- (a) Flow Adj: [Total Adjusted Dwelling Units] x (0.0002 MGD)
- (b) BOD Adj: [Total Adjusted Dwelling Units] x (0.0002 MGD) x (200 mg/L) x (8.34 lbs/g) / (2000 lbs/ton)
- (c) TSS Adj: [Total Adjusted Dwelling Units] x (0.0002 MGD) x (200 mg/L) x (8.34 lbs/g) / (2000 lbs/ton)

Notes:

- (1) Woodbridge MGD Adjustment includes a 0.50 MGD flow credit, per section 11.5 of the 2021 Agreement
- (2) Woodbridge BOD and TSS Adjustment includes a 833 lbs/day credit, per section 11.5 of the 2021 Agreement



2023 Intermunicipal Adjustments Report

April, 2023

Member	Dwelling Unit Quantity			Average Daily Flow (MGD)			Average BOD (Tons/Day)			Average TSS (Tons/Day)		
	Bill To	Credit To	Total Adjustment	Average Flow	Adjustment (a)	Final Flow	Average BOD	Adjustment (b)	Final BOD	Average TSS	Adjustment (c)	Final TSS
Clark	479	0	479	1.23	0.0958	1.32	1.30	0.0799	1.38	1.19	0.0799	1.27
Cranford	242	1,092	-850	2.61	-0.1700	2.44	1.60	-0.1418	1.46	1.93	-0.1418	1.79
Garwood	54	110	-56	1.07	-0.0112	1.06	0.70	-0.0093	0.69	0.84	-0.0093	0.83
Kenilworth	62	38	24	0.93	0.0048	0.94	0.61	0.0040	0.61	0.74	0.0040	0.74
Mountainside	106	339	-233	0.77	-0.0466	0.73	0.48	-0.0389	0.44	0.58	-0.0389	0.54
Rahway	13	15	-2	4.52	-0.0004	4.52	3.12	-0.0003	3.12	3.70	-0.0003	3.70
Roselle Park	38	117	-79	0.32	-0.0158	0.31	0.21	-0.0132	0.20	0.25	-0.0132	0.24
Scotch Plains	66	413	-347	1.24	-0.0694	1.17	0.77	-0.0579	0.71	0.93	-0.0579	0.87
Springfield	0	187	-187	2.67	-0.0374	2.64	1.73	-0.0312	1.70	2.09	-0.0312	2.06
Westfield	1,425	175	1,250	3.39	0.2500	3.64	2.38	0.2085	2.59	2.88	0.2085	3.09
Woodbridge (1)(2)	10	9	1	6.51	-0.4998	6.01	4.26	-0.4163	3.84	5.15	-0.4163	4.73
Totals:	2,495	2,495	0	25.27	-0.5000	24.77	17.16	-0.4165	16.74	20.28	-0.4165	19.86

Equations:

Assumptions: 200 gpd flow per unit at 200 mg/L BOD and TSS concentrations

(a) Flow Adj: [Total Adjusted Dwelling Units] x (0.0002 MGD)

(b) BOD Adj: [Total Adjusted Dwelling Units] x (0.0002 MGD) x (200 mg/L) x (8.34 lbs/g) / (2000 lbs/ton)

(c) TSS Adj: [Total Adjusted Dwelling Units] x (0.0002 MGD) x (200 mg/L) x (8.34 lbs/g) / (2000 lbs/ton)

Notes:

(1) Woodbridge MGD Adjustment includes a 0.50 MGD flow credit, per section 11.5 of the 2021 Agreement

(2) Woodbridge BOD and TSS Adjustment includes a 833 lbs/day credit, per section 11.5 of the 2021 Agreement



Member BOD and TSS Loading Contribution

April, 2023

Member	Average Daily Industrial Loading (1)		Average Daily Flow (MGD)	Inter-Mun Adj (2) (MGD)	Adj. Avg. Daily Flow (MGD)	Member Contribution			
	BOD (Tons/Day)	TSS (Tons/Day)				Domestic Loading		Total Loading	
						BOD (Tons/Day)	TSS (Tons/Day)	BOD (Tons/Day)	TSS (Tons/Day)
Clark	0.43	0.14	1.23	0.0958	1.32	0.87	1.05	1.30	1.19
Cranford	0.00	0.00	2.61	-0.1700	2.44	1.60	1.93	1.60	1.93
Garwood	0.00	0.00	1.07	-0.0112	1.06	0.70	0.84	0.70	0.84
Kenilworth	0.00	0.00	0.93	0.0048	0.94	0.61	0.74	0.61	0.74
Mountainside	0.00	0.00	0.77	-0.0466	0.73	0.48	0.58	0.48	0.58
Rahway	0.16	0.12	4.52	-0.0004	4.52	2.96	3.58	3.12	3.70
Roselle Park	0.01	0.01	0.32	-0.0158	0.31	0.20	0.24	0.21	0.25
Scotch Plains	0.00	0.00	1.24	-0.0694	1.17	0.77	0.93	0.77	0.93
Springfield	0.00	0.00	2.67	-0.0374	2.64	1.73	2.09	1.73	2.09
Westfield	0.00	0.00	3.39	0.2500	3.64	2.38	2.88	2.38	2.88
Woodbridge	0.00	0.00	6.51	0.0002	6.51	4.26	5.15	4.26	5.15
Totals:	0.60	0.27	25.27	0.00	25.27	16.56	20.00	17.16	20.28

Notes:

- (1) As measured and reported by the RVSA SIU IPP Industrial Loading
- (2) Does not include the 0.50 MGD Woodbridge Credit



2023 Plant Influent Loading April, 2023

2022			2023									Average T/D
Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	

Plant Influent Flow and Sample Data

Avg. Daily Flow (MGD) (1)	23.31	21.29	27.71	29.9	22.31	27.81	24.01						25.19
Avg. BOD (mg/L) (2)	164	189	160	149	173	143	176						165
Avg. TSS (mg/L) (2)	187	235	197	188	192	166	196						194

Total Influent Loading (a)(b)

BOD (Tons/Day)	15.94	16.78	18.49	18.58	16.09	16.58	17.62						17.16
TSS (Tons/Day)	18.18	20.86	22.76	23.44	17.86	19.25	19.62						20.28

Total Industrial Contribution (3)

IPP BOD (Tons/Day)	0.60
IPP TSS (Tons/Day)	0.28

Total Domestic Influent Loading

BOD (Tons/Day)	16.56
TSS (Tons/Day)	20.00

Equations:

(a) BOD Loading (Tons/Day) = Average Daily Flow (MGD) x Avg BOD (mg/L) x (8.34 lbs/gal) / (2000 lbs/ton)

(b) TSS Loading (Tons/Day) = Average Daily Flow (MGD) x Avg TSS (mg/L) x (8.34 lbs/gal) / (2000 lbs/ton)

Notes:

(1) Average Daily Flow = RV12 + RV14 + RV31

(2) BOD and TSS Concentrations measured at the RVSA Raw Influent Sampler as reported to the NJDEP

(3) As measured and reported by the RVSA SIU IPP Industrial Loading



2023 Average Daily Flow Report April, 2023

Meter #	2022			2023									Average To Date
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
RV01	2.21	2.21	2.67	2.97	2.67	3.10	2.88						2.67
RV02	3.11	3.01	3.89	4.12	3.77	4.24	3.82						3.71
RV03	1.45	1.41	1.88	1.97	1.56	1.99	1.74						1.72
RV04	0.24	0.19	0.26	0.27	0.21	0.27	0.19						0.23
RV05	0.26	0.22	0.29	0.30	0.20	0.26	0.24						0.25
RV06	0.15	0.14	0.20	0.18	0.13	0.16	0.14						0.16
RV07	0.68	0.61	0.65	0.69	0.66	0.76	0.64						0.67
RV09	3.54	3.20	4.27	4.67	3.70	4.56	3.87						3.97
RV10	7.33	6.78	8.99	9.61	7.92	9.42	8.51						8.37
RV11	11.40	10.47	14.31	15.49	12.07	15.27	12.70						13.10
RV12	5.31	4.47	6.04	6.69	4.92	5.98	5.29						5.53
RV13	0.65	0.58	0.55	0.59	0.64	0.83	0.70						0.65
RV14	17.93	16.73	21.45	22.78	17.17	21.60	18.07						19.39
RV15	0.92	0.63	1.09	1.27	0.73	1.18	0.91						0.96
RV16A	23.40	21.39	27.84	29.94	22.35	27.90	24.31						25.30
RV17	0.46	0.43	0.49	0.50	0.40	0.47	0.42						0.45
RV18	0.82	0.82	0.93	0.99	0.85	0.98	0.91						0.90
RV19	0.32	0.31	0.37	0.37	0.32	0.36	0.33						0.34
RV20	0.70	0.72	0.82	0.84	0.76	0.80	0.76						0.77
RV27	0.19	0.00	0.00	0.69	0.00	0.32	1.21						0.34
RV28	0.16	0.00	0.25	0.11	0.00	0.27	0.17						0.14
RV29	1.20	1.18	1.29	1.36	1.22	1.33	1.18						1.25
RV30	0.25	0.23	0.26	0.27	0.26	0.29	0.27						0.26
RV31	0.07	0.09	0.22	0.43	0.22	0.24	0.65						0.27
RV32	5.82	5.30	6.41	6.83	5.24	6.44	5.50						5.93



2023 Average Industrial TSS Loading Report

April, 2023

Town	SIU Name	Average Daily TSS Loading (Tons/Day)											Average T/D	
		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug		Sep
Clark	Kerry 1	0.016	0.096	0.002	0.014	0.006	0.006							0.0233
	Kerry 2	0.011	0.001	0.009	0.003	0.005	0.005							0.0057
	Kerry 3	0.016	0.021	0.012	0.033	0.007	0.018							0.0178
	Kerry 4	0.008	0.028	0.051	0.139	0.289	0.041							0.0927
Clark Total:													0.140	
Kenilworth	B&M Finishers	0.000	0.000	0.000	0.000	0.000	0.000							0.0000
	Kenilworth Anodizing	0.000	0.000	0.000	0.000	0.000	0.000							0.0000
Kenilworth Total:													0.000	
Mountainside	American Aluminum	0.001	0.001	0.001	0.001	0.002	0.001							0.0012
Mountainside Total:													0.001	
Rahway	Clean Haven													0.0000
	Guest Packaging 02	0.003	0.004	0.004	0.002	0.005	0.004							0.0037
	Guest Packaging 03	0.001	0.002	0.000	0.000	0.001	0.000							0.0007
	Merck 007	0.033	0.092	0.076	0.066	0.172	0.030							0.0782
	Merck 012	0.013	0.011	0.004	0.001	0.015	0.027							0.0118
	Quala Systems	0.018		0.009	0.031	0.015	0.044							0.0234
	Suez Water Rahway	0.007	0.001	0.001	0.001	0.014	0.001							0.0042
Rahway Total:													0.122	
Roselle Park	Crossfield Products		0.000		0.003									0.0015
	Merck Kenilworth	0.009	0.014	0.006	0.009	0.012	0.011							0.0102
Roselle Park Total:													0.012	
Springfield	Valcor Engineering	0.004	0.000	0.000	0.000	0.004	0.001							0.0015
Springfield Total:													0.002	
Woodbridge	BASF 1	0.000	0.002	0.003	0.002	0.001	0.002							0.0017
	BASF 2	0.001	0.002	0.005	0.001	0.006	0.004							0.0032
	Gentek Building Products	0.000	0.000	0.000	0.000	0.000	0.000							0.0000
Woodbridge Total:													0.005	

Note: Municipalities without Significant Industrial Users ("SIU") are excluded from this report.



2023 Average Industrial BOD Loading Report

April, 2023

Town	SIU Name	Average Daily BOD Loading (Tons/Day)												Average T/D
		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
Clark	Kerry 1	0.005	0.032	0.001	0.003	0.001	0.001							0.0072
	Kerry 2	0.031	0.023	0.046	0.021	0.039	0.177							0.0562
	Kerry 3	0.161	0.120	0.188	0.148	0.038	0.164							0.1365
	Kerry 4	0.209	0.093	0.193	0.291	0.432	0.147							0.2275
Clark Total:													0.427	
Kenilworth	B&M Finishers	0.000	0.000	0.000	0.000	0.000	0.000							0.0000
	Kenilworth Anodizing	0.000	0.000	0.000	0.000	0.000	0.000							0.0000
Kenilworth Total:													0.000	
Mountainside	American Aluminum	0.002	0.001	0.000	0.001	0.001	0.003							0.0013
Mountainside Total:													0.001	
Rahway	Clean Haven													0.0000
	Guest Packaging 02	0.010	0.006	0.009	0.012	0.010	0.017							0.0107
	Guest Packaging 03	0.003	0.007	0.004	0.003	0.003	0.002							0.0037
	Merck 007	0.015	0.021	0.028	0.036	0.024	0.004							0.0213
	Merck 012	0.019	0.005	0.003	0.002	0.003	0.007							0.0065
	Quala Systems	0.101		0.051	0.261	0.063	0.121							0.1194
	Suez Water Rahway	0.001	0.004	0.003	0.000	0.005	0.001							0.0023
Rahway Total:													0.164	
Roselle Park	Crossfield Products		0.001		0.000									0.0005
	Merck Kenilworth	0.010	0.009	0.008	0.009	0.006	0.009							0.0085
Roselle Park Total:													0.009	
Springfield	Valcor Engineering	0.006	0.001	0.001	0.000	0.004	0.003							0.0025
Springfield Total:													0.003	
Woodbridge	BASF 1	0.001	0.001	0.001	0.001	0.000	0.001							0.0008
	BASF 2	0.001	0.001	0.001	0.001	0.002	0.001							0.0012
	Gentek Building Products	0.000	0.001	0.000	0.000	0.000	0.000							0.0002
Woodbridge Total:													0.002	

Note: Municipalities without Significant Industrial Users ("SIU") are excluded from this report.

Finance Committee Meeting Minutes – May 18, 2023

Committee Members: Cranford, Rahway, Mountainside, and Roselle Park

Loren Harms, Finance Committee Chairman, called the meeting to order at 5:30 p.m. and asked that the recorder be turned on.

Mr. Harms asked that everyone turn off or silence their cell phones.

The Chairman read the statement on "Open Public Meetings Law"

In accordance with the requirements of the Open Public Meetings Act, State of New Jersey, adequate notice of this meeting was forwarded to the Star-Ledger, the Home News Tribune, and the Clerk of each of the eleven-member municipalities on February 28, 2023. As this is a Committee Meeting, no action will be taken.

If any member of this body believes that this meeting is being held in violation of the provisions of the Open Public Meetings Act, please state your objection and the reasons for same at this time.

... Hearing no objections, we shall proceed with our scheduled meeting.

The Chairman requested a salute to the flag and a moment of silence.

Roll Call

The following members were present

Chris Kolibas	for the Township of Cranford
Stephen D. Greet	for the Borough of Garwood
Robert M. Beiner	for the Borough of Kenilworth
John J. Tomaine	for the Borough of Mountainside
Robert Rachlin	for the City of Rahway
Loren Harms	for the Borough of Roselle Park
Raymond Szpond	for the Township of Scotch Plains
Edward Gottko	for the Town of Westfield
Michael J. Gelin	for the Township of Woodbridge
Michael Furci	for the Township of Springfield

The following member was absent:

Frank G. Mazzarella	for the Township of Clark
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The following were also present:

James J. Meehan	Executive Director
Karen Musialowicz	Secretary-Treasurer
Doug Reno	Superintendent
John Buonocore	Assistant Director/Chief Engineer
Janet Thevenin	Environmental Compliance Supervisor
Karen Lesane	Office Assistant
Dennis Estis	General Counsel – Greenbaum, Rowe, Smith
Howard Matteson	Consulting Engineer – CDM Smith
Brett Howard	Health & Safety Coordinator

New Business

The Finance Committee has reviewed the Bills and Claims List, and action to approve will be on the Regular Meeting agenda under Bills and Claims.

Adjournment

As there was no further business, on motion of Mr. Furci, second by Mr. Rachlin, the meeting adjourned at 5:44 p.m. The motion was approved by those present.

Chairman

Karen Lesane
Board Secretary