

From: [Andrea DeCarlo](#)
Cc: [KENILWORTH - Tony Gallerano Engineer \(tonyg@hccig.net\)](#); [MGC Unlimited, Matty Calderone](#); [RAHWAY ENGINEER \(JacquelineFoushee\) \(jfoushee@cityofrahway.com\)](#); [SCOTCH PLAINS - Engineering - Jo Ford](#); [SPRINGFIELD - Nancy Treiber \(nancy.treiber@springfield-nj.us\)](#); [SUPLEE CLOONEY - Butvilla, Robert](#); [SUPLEE CLOONEY - Karen Schmicker](#); [Westfield Leader Newspaper - Wayne Baker](#); [WOODBRIIDGE - Lorentzen, Richard](#); [CLARK Clerk - Edith Merkel](#); [CRANFORD Clerk - Deputy \(h-capone@cranfordnj.org\)](#); [CRANFORD Clerk - Patricia Donahue \(p-donahue@cranfordnj.org\)](#); [Christina Ariemma](#); [KENILWORTH Clerk - Laura Reinertsen \(boroughclerk@kenilworthnj.org\)](#); [MOUNTAINSIDE \(sdifrancesco@mountainside-nj.com\)](#); [MOUNTAINSIDE Clerk - Martha Lopez](#); [RAHWAY Clerk - R. Harris \(rharris@cityofrahway.com\)](#); [ROSELLE PARK \(Andrew Casais\) \(acasais@rosellepark.net\)](#); [ROSELLE PARK Corrigan Donna \(dcorrigan@rosellepark.net\)](#); [Scotch Plains - Clerk Bozina Lacina](#); [SPRINGFIELD Clerk - Linda Donnelly](#); [WESTFIELD Clerk - Tara Rowley](#); [WOODBRIIDGE Clerk - John Mitch](#)
Subject: RVSA Meeting Minutes
Date: Friday, October 16, 2020 1:54:53 PM
Attachments: [34 Minutes 09-17-20 Finance Committee Meeting.pdf](#)
[35 Minutes 09-17-20 Regular Meeting.pdf](#)
[36 Minutes 09-17-20 Attachment - User Charge Report 08-2020.pdf](#)

Good Afternoon,

Attached are the minutes that were approved at the October 15th Regular Meeting.

Thank you and stay safe,

Andrea DeCarlo, QPA
Purchasing Agent
Rahway Valley Sewerage Authority
1050 East Hazelwood Avenue
Rahway, NJ 07065
tel: (732) 388-0868 ext. 219 | fax: (732) 382-0774
email: adecarlo@rahwayvalleysa.com

RAHWAY VALLEY SEWERAGE AUTHORITY
Finance Committee Meeting Minutes – September 17, 2020

Michael Gelin, Finance Committee Chairman, called the meeting to order at 5:34 p.m., and asked that the recorder be turned on.

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 27, 2020. 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 for the 200,000 people who have lost their lives due to COVID-19.

Roll Call

The following members were present (via Conference Call):

Robert M. Beiner	for the Borough of Kenilworth
John J. Del Sordi Jr.	for the Township of Scotch Plains
Michael Furci	for the Township of Springfield
Michael J. Gelin	for the Township of Woodbridge
Edward Gottko	for the Town of Westfield
Stephen D. Greet	for the Borough of Garwood
Loren Harms	for the Borough of Roselle Park
Louis C. Lambe	for the Township of Cranford
Robert Rachlin	for the City of Rahway
John J. Tomaine	for the Borough of Mountainside

The following member was absent:

Frank G. Mazzarella	for the Township of Clark
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The following were also present (via Conference Call):

James J. Meehan	Executive Director
Karen Musialowicz	Secretary-Treasurer
Andrea DeCarlo	Purchasing Agent/Board Secretary
Dan Ward	Superintendent
John Buonocore	Chief Engineer/Asst. Superintendent
Anthony Gencarelli	Manager of Regulatory Compliance
Janet Thevenin	Environmental Compliance Supervisor
Dennis Estis, Esq.	General Counsel – Greenbaum, Rowe, Smith
Howard Matteson	Consulting Engineer – CDM Smith

New Business

The Bills and Claims list has been reviewed, 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. Lambe, second by Mr. Gottko, the meeting adjourned at 5:36 p.m. The motion was approved by those present.

Chairman

Andrea De Carlo
Andrea DeCarlo, Board Secretary

RAHWAY VALLEY SEWERAGE AUTHORITY

Summary of Minutes – Regular Meeting held September 17, 2020

- Communications
None

- Approval of Minutes
August 20, 2020 Finance Committee and Regular Meetings

- Treasurer’s Report
None

- 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 action was taken: Authorization of a transfer of funds to the Capital Replacement Fund; Award of Contract #2038 – Cleaning & Inspection of Lennington Street Siphon; Amendment to Contract #2006 – Consulting Engineer Services; Appointing Labor Counsel for the remainder of the 2020 year.

- Bills & Claims

OPERATING FUND	0-01	\$1,170,798.54
BUILDING & EQUIPMENT FUND	0-02	<u>\$803,773.50</u>
TOTAL OF ALL FUNDS:		\$1,974,572.04

RAHWAY VALLEY SEWERAGE AUTHORITY
Regular Meeting Minutes – September 17, 2020

The Chairman, Loren Harms, called the meeting to order at 5:36 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 has been provided by the inclusion of the date, time and place in a Notice forwarded to The Star Ledger, the Home News Tribune and the Clerk of each of the eleven member municipalities on February 27, 2020.

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 (via Conference Call):

Robert M. Beiner	for the Borough of Kenilworth
John J. Del Sordi Jr.	for the Township of Scotch Plains
Michael Furci	for the Township of Springfield
Michael J. Gelin	for the Township of Woodbridge
Edward Gottko	for the Town of Westfield
Stephen D. Greet	for the Borough of Garwood
Loren Harms	for the Borough of Roselle Park
Louis C. Lambe	for the Township of Cranford
Robert Rachlin	for the City of Rahway
John J. Tomaine	for the Borough of Mountainside

The following member was absent:

Frank G. Mazzarella	for the Township of Clark
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The following were also present (via Conference Call):

James J. Meehan	Executive Director
Karen Musialowicz	Secretary-Treasurer
Andrea DeCarlo	Purchasing Agent/Board Secretary
Dan Ward	Superintendent
John Buonocore	Chief Engineer/Asst. Superintendent
Anthony Gencarelli	Manager of Regulatory Compliance
Janet Thevenin	Environmental Compliance Supervisor
Dennis Estis, Esq.	General Counsel – Greenbaum, Rowe, Smith
Howard Matteson	Consulting Engineer – CDM Smith

Communications

None.

Approval of Minutes

Mr. Greet made a motion, second by Mr. Lambe, to approve the minutes of the Finance Committee and Regular Meetings held August 20, 2020. The motion was approved by those present, with the exception of Mr. Rachlin, who abstained.

Report of Treasurer

None.

Report of Executive Director**Sewer Treatment Endorsements**

The following is a list of Sewer Treatment Endorsements processed between 08/18/20 and 09/15/20. A copy of the log sheet with additional information related to this application has been distributed for your reference.

2020 Treatment Endorsement Permits 0-1999 gpd							
RVSA Number					Date	Applicant's Name	Municipality
2509	-	20	-	WB	08/24/20	Jeff Wittmann	Woodbridge
2510	-	20	-	WF	08/27/20	Shelly Ramos	Westfield
2511	-	20	-	WB	08/27/20	Chris Dunnder	Woodbridge
2512	-	20	-	SF	09/01/20	Frank Delle Donne	Springfield
2513	-	20	-	RW	09/01/20	City of Rahway	Rahway
2514	-	20	-	SP	09/14/20	D&N Holdings	Scotch Plains

Municipal Monthly Collection System Reports

The following Reports were received since the last regular meeting:

- Township of Clark – August 2020
- Borough of Garwood – July & August 2020
- Borough of Kenilworth – August 2020
- Borough of Mountainside – July & August 2020
- Town of Westfield – August 2020
- Township of Woodbridge – August 2020

Mr. Meehan stated he is glad to continue receiving these reports.

Plant O&M Update

Mr. Meehan stated that there have been issues in several areas; but he is happy to say that they are getting straightened out. One problem occurred with the Rotary Drum Thickener odor control unit. He stated that the food waste tank was at too low of a

level, causing excess turbulence in the tank and thus creating technical problems. Once we began operating at a higher food waste tank level, we saw much better results.

He also stated that a Dryer breakdown occurred due to problems with the conveyor system. He stated that an outside contractor was called in to assist with the issue; and the Union was not happy about it, however we did what had to be done in order to get the plant running again.

Mr. Meehan explained that during the month, we also battled with plant process due to poorly settling sludge; however we did make permit. He stated that the plant is doing much better but there are still some questions that are being worked on.

In addition, he stated, a remote meeting was held with Commissioner Rachlin and officials from Rahway earlier this month to discuss the change in flow right violation methodology; and overall, the meeting went well. He stated that he also had a follow up conversation with Jackie Foushee regarding a couple of other issues.

Mr. Meehan stated that a meeting with Waste Management was held earlier in the day to discuss the alternative residual project proposal. He stated that they had asked for an extension on the proposal, but discussed the type of project that they are leaning toward. He stated that the project is very technical, and he will bring it to the Board once further details are received. All in all, the project seems very interesting and brings a lot of hope for the future. He stated that this would tie directly into the redundant Dryer, which is one of the Authority's capital projects that CDM Smith is currently looking into. He added that Waste Management will most likely have all of the project details finalized by the end of this year.

He stated that there was also a meeting on the special project for injecting renewable gas into the pipeline; and this went very well. He stated that Mr. Buonocore is in the process of setting up a meeting with engineers from the gas company to discuss placement of equipment that would be part of the project.

Mr. Lambe asked why the Union was angry about a contractor performing work. Mr. Ward stated that the Union workers were unhappy about outside contractors being called in to do what they referred to as "Union work". Mr. Meehan stated that there have been issues with getting members of the Union to come in to work overtime, which this project started off as, however, due to safety reasons it had to be delayed until the following morning. He stated that the maintenance group has been backlogged and the contractor was ready to come, so it made sense to utilize the contractor to expedite the work. He stated that grievances were received from the Union, so members of the Staff had a meeting with them the day before to discuss this at length. At the end of the day, he stated, it is important to do what needs to be done in order to keep the plant running and stay compliant.

Mr. Tomaine asked if Mr. Meehan could elaborate more on the special project. Mr. Meehan stated that this is the same project that was discussed several months ago before it was sidetracked due to COVID-19. He stated that the gas company and Waste Management are very keen to get this project going, and so are we. He stated that there are some issues with the volume of gas that is currently being generated, as we want to be able to use it all in the future; and the gas pipeline project seems like a great option as long as everyone is willing to participate. He stated that there may be some economic contribution from the gas company on the gas cleaning system, as well. The meeting that was held was mostly to discuss the placement of certain parts of the project; so Mr. Buonocore shared as-built drawings as well as other data on the composition of our existing gas, which the gas company was asking for details on. They had also discussed the plant's ability for production, such as what kind of gas could be produced and how much. He stated this also ties into the possibility of building additional digesters within the next year or so to bring in more food waste and continue to co-digest. He added that this might increase the Authority's gas production by 70-80%, or about a 600,000 cubic foot increase from where we are at now. Mr. Meehan stated that they have agreed to meet again to discuss more specifics; and also they are trying to get an MOU signed amongst the Authority, Waste Management, and the gas company. He added that the Transit Authority is still trying to sell the project to their board; but either way, we are planning to move forward with this project.

Mr. Tomaine asked if the Authority is still a natural gas consumer at all; Mr. Meehan replied yes, natural gas is used in the engines to produce electric. In addition, he stated, there are several options associated with injecting renewable biogas into the pipeline; for example, the Authority can get paid for energy credits, or it can take these credits and burn natural gas in the engines. Mr. Tomaine asked if this accumulation of credits is similar to those associated with solar power. Mr. Meehan replied that yes, this is similar in concept. Mr. Matteson stated that it is similar, but it is a different program. He explained that there is a market for this type of credit, as gas companies are required to purchase them.

Collection System O&M Update

Mr. Meehan stated that a contract for CCTV work on the Siphon is listed on the agenda. He commented that it is unfortunate that the low bid could not be accepted; however the company being awarded the contract is good as well. He stated that a pre-bid conference was held earlier in the month and interested contractors were brought to the Siphon to evaluate the site prior to submitting a bid. He noted that representatives from three or four companies attended the site visit, and all of them seemed interested, but only two of them submitted a bid.

Mr. Meehan also stated that the Authority has gained better access to the Siphon. He explained that a contractor was onsite performing work; however it was shut down by

the City of Rahway because he did not have any permits for the work. He stated that he hopes to complete work on the Siphon while the Authority still has access.

Mr. Meehan stated that Ms. Thevenin has recently had her employees performing off-hour sampling to keep all of the industries honest. He also added that CCTV work has been completed to keep up with the Authority's maintenance obligation.

Alternative/Special Projects

Mr. Meehan explained that the alternative special project involves a state of the art treatment system, which will result in very environmentally-friendly disposal. He added that it may also help with the removal of PFAS. He stated that Waste Management has asked for a non-disclosure agreement, and he will be able to explain more once a proposal is received. Mr. Ward added that this project has a lot of potential.

Contract #175 – Tomar Construction Update

We will discuss this briefly in closed session.

Biobot Sampling for Coronavirus

Mr. Meehan stated that a report was received back earlier in the week; and it appears that the data is on track with the numbers that the Governor is reporting. He noted that there was a slight increase, with the last sample projecting roughly 3,000 cases. He stated that the Authority is continuing to participate in this, as well as a study with Rutgers, which we are waiting to receive data back on. Mr. Meehan stated that he had discussed this with Mr. Matteson, who can provide more insight as CDM Smith is also involved in the study.

Mr. Matteson stated that this study is taking place on a more local level; however it is part of a much bigger effort that is ongoing in the United States and also internationally. He stated that an agency based in Jordan has been trying to gather information on this as only a small number of cases exist there. Mr. Matteson explained that many colleges in the United States are also using wastewater surveillance to track the spread of COVID-19, and in some instances, dorms had to be shut down. He stated that this type of surveillance is likely here to stay, and many states are still trying to figure out how to implement it. The work that the RVSA is doing is therefore helping to lay the groundwork for how New Jersey will handle problems like this in the long term.

Mr. Meehan stated that there has been a lot of effort on this at treatment plants across the United States; and as Mr. Matteson stated, it is probably here to stay. Mr. Matteson added that the CDC has created a National Wastewater Surveillance System which is also helping to lay the groundwork for utilizing this type of testing.

Mr. Lambe asked what the turnaround time is for these samples. Mr. Meehan stated that the turnaround time has recently improved; and that he had recently received data back from the beginning of September. Mr. Lambe commented that the improved turnaround time is helpful as it can be used to make meaningful decisions. Mr. Meehan agreed, adding that this type of surveillance can possibly be used for more localized sampling for individual members; although it would not be conducive in the Authority's system due to the multiple tie-ins that exist.

EPA Grant – Anaerobic Digestion Improvements for Co-digestion

Mr. Meehan stated that the Authority still has not heard back on this, but that might be a good indicator. He explained that the applicants who were not being awarded any money were notified very quickly; so we are continuing to be patient.

Flow Rights Working Group/1995 Agreement

The Working Group recommends that the members of the Legal Committee begin to discuss updates to the 1995 Agreement.

Mr. Meehan suggested that Commissioner Tomaine, Chairman of the Legal Committee, begin meeting with the Working Group as well as Mr. Estis to come up with recommendations. He stated that he would discuss with Mr. Tomaine a tentative date for a kickoff meeting to get this going.

Contract #2006 – Consulting Engineer Services (2020)

John Buonocore, Chief Engineer, has advised that there is a need to amend this contract with CDM Smith Inc. for additional funds. Action amending the contract in an amount of \$20,000, for an amended contract amount of \$131,350, is on the agenda under New Business.

Contract #2038 – Cleaning & Inspection of Lennington Street Siphon

Two bids were received on September 10, 2020, as follows:

<u>Vendor</u>	<u>Amount</u>
North American Pipeline Services Freehold, NJ	\$116,067.60
National Water Main Cleaning Co. Kearny, NJ	\$128,044.00

The low bid was found to be non-responsive as the Iran Disclosure Form was left blank. The bid submitted by National Water Main Cleaning Company was reviewed and found to be in order. Anthony Gencarelli recommends awarding this contract to National Water Main Cleaning Company in the amount of \$128,044, and the Purchasing Agent

concur. Action awarding this contract and rejecting the non-responsive bid is on the agenda under New Business.

Mr. Gelin asked if the low bidder could be given more time to complete the form that was missing. Mr. Estis replied that the form had to be submitted with their bid and this is mandatory. Mr. Rachlin asked if it is possible to re-bid this contract. Mr. Estis advised that this would likely result in a lawsuit from National Water Main. Mr. Meehan stated that Ms. DeCarlo discussed this with Mr. Estis; and it is unfortunate that the low bidder would have been awarded the project if they had only filled out the one form they missed. Mr. Furci asked for an explanation on the form that was not completed. Ms. DeCarlo stated that the form is a certification that the bidder does not have any illegal investment activities with Iran. She explained that this is a mandatory form that needs to be submitted with every bid. Mr. Gelin asked if this is something that the low bidder can be given more time to complete, as other municipalities will sometimes allow forms to be submitted after the fact. Mr. Meehan stated that this is something that we have thrown out bids for in the past, as the requirement is black and white. Ms. DeCarlo mentioned that the law allows for certain documents to be submitted after the receipt of bids; however this is not one of them.

Contract #2039 – Replacement Parts for Lakeside Screw Pump

This contract has been re-advertised as no bids were received.

Transfer of Surplus Funds to the Capital Replacement Fund

As discussed at the August Regular Meeting, the Commissioners have expressed interest in transferring surplus funds to the Authority's Capital Replacement Fund. Action authorizing said transfer is on the agenda under New Business.

2021 Professional Service Contracts

A memo was sent to the Board from the Purchasing Agent with regard to the 2021 Professional Service Contracts. RFPs will be sent out shortly to our current providers, unless the Commissioners would like other firms to be considered for any of these services.

Vendor

Greenbaum, Rowe, Smith
 Hatfield Schwartz LLC
 Hawkins, Delafield & Wood
 NW Financial
 Suplee, Clooney & Co.
 CDM Smith
 Aqua Pro-Tech Laboratory
 Optimum Controls Corporation
 Premier Technology Corporation

Contract

General Counsel Services
 Labor Counsel Services
 Bond Counsel Services, PPP Legal Oversight
 Financial Advisory Services
 Accountant & Audit Services
 Consulting Engineer Services
 Laboratory Services/NJPDES, SQAR, Misc. Other
 Engineering/Computer Programming for PLCs
 Engineering/Programming for Computers

Mr. Tomaine stated that some of these vendors are law firms; and questioned why the Legal Committee was not involved in these matters, specifically regarding Ms. Schwartz's move to a new law firm. Mr. Meehan stated that he conferred with Mr. Estis on the matter as it is only for the remaining two months of the year. He stated that we have been very happy with the services provided with Ms. Schwartz and would like to continue working with her if possible. He also stated that her associate, Ms. Hatfield, is also from the Weiner Law Group and has helped us a lot with Union Contract negotiations as well as several questions relating to the CARES Act. Mr. Meehan stated that we are very happy with the fact that if Ms. Schwartz is not available, we can go directly to Ms. Hatfield, as she is also very knowledgeable. He also stated that the two are very prompt and efficient, and always provide straightforward answers either the same day or the following day; therefore we would appreciate the opportunity to continue working with them.

Mr. Meehan apologized to Mr. Tomaine for not consulting with the Legal Committee. He stated that the services are only for a two month period; therefore he thought conferring with Mr. Estis would be adequate. Mr. Tomaine stated that the Legal Committee has an obligation to review contract issues and changes; and would appreciate the opportunity to take part in these matters in the future. Mr. Meehan stated that this would certainly be taken into consideration the next time this type of issue arises.

Mr. Gelin asked if a contractor is available for emergency services. Mr. Meehan stated that we have discussed this in the past but do not have a specific contract for emergency services. Mr. Ward stated that the Authority has so many different systems that it would be difficult to have one company on contract for emergencies. However, he stated, many of the emergency contractors that we use are on co-ops.

Monthly Reports

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

Mr. Gelin asked for an update on the Authority's current staffing. Mr. Meehan stated that the Union workers are 100% back to their normal schedules, and the Management staff is roughly 90% back to normal as well. He stated that he does offer some flexibility if work can be done remotely, but for the most part, many of us are now back in the office five days a week. He added that the staff is still social distancing, wearing masks, utilizing the new systems for taking temperatures, and taking all other necessary safety precautions.

Mr. Gelin also asked if when we return to meeting in-person, we can continue having meetings at 5:30 p.m. instead of 7:00 p.m.; and if meetings can be kept to once a month instead of two times per month. Mr. Meehan stated that the staff was

discussing the earlier meeting times earlier in the day, and that would work better for the staff as well. As far as keeping the meetings to once per month, we will continue to do that as much as we possibly can. He stated that there may be one or two times each year that it is necessary to meet twice, but for the most part, we will try to keep meetings to a minimum.

Mr. Harms stated that he would like to confirm that an earlier meeting time would work for all of the Commissioners before changing the time, so maybe an email should be sent out first. Mr. Estis stated that in order to change the meeting times, the By-Laws would need to be amended as well. Mr. Lambe stated that a 5:30 p.m. meeting time might be difficult for him to arrive on time; Mr. Harms stated that 5:30 might be a bit too early for him as well. Mr. Harms stated he would not want Commissioners to miss out on attending meetings if they cannot make it for 5:30 p.m., and maybe 6:00 p.m. will be better for everyone. Mr. Meehan stated that Ms. DeCarlo would send a poll out to see what will work for all of the Commissioners.

Report of Consulting Engineer

Howard Matteson, of CDM Smith, submitted the following report for work activities for the month of August 2020 and through the date of this report.

A. Retainer Services

During the period, CDM Smith prepared the monthly report for August 2020 and attended the August 2020 Board Meeting via conference call.

B. Miscellaneous Engineering Services

During the period, CDM Smith performed the following:

- Sludge Dryer Options – Received comments from staff to draft memorandum and began work on revisions to Sludge Dryer Options memo.
- Flow Rights Working Group – Continued coordination with Flow Rights Working Group. Mr. Matteson stated that the model work helped to substantiate the estimated travel times that Mr. Buonocore calculated for each of the individual municipalities.
- Trunk Sewer Model – Submitted draft memorandum on rainfall dependent inflow and infiltration (RDII) analysis to staff for review.
- Survey of partial Rahway River Easement – Coordinated with surveyor and staff. Field work was completed on September 10, 2020. CDM Smith is following up with surveyor to get estimate of draft deliverable.
- Rotary Drum Thickener (RDT) Odor Control – RVSA experienced issues with the RDT and Gravity Thickener odor control system causing buildup of suspected elemental sulfur on the sight glass and operational problems with ORP sensor. The issue was traced to mixing nozzle height and operating level

of sludge in the EBS tank leading to stripping of H₂S from solution at an accelerated rate. CDM Smith worked with RVSA staff to resolve the issues, and the system was brought back online by September 10. Further study of H₂S in headspace of all tankage fed to RDT + GT odor control system is recommended.

- C. Digester Covers and Waste Gas Burner Replacement – Design, Bidding, and Construction
No activity during the period.
- D. Riverwalk Siphon Rehabilitation
No activity during the period.
- E. Influent Bar Screen Replacement
During the period, CDM Smith performed the following:
 - Coordinated with staff on existing electrical building loads.

Report of General Counsel

Dennis Estis, General Counsel from the firm Greenbaum, Rowe, Smith & Davis, submitted the following report for the period August 20, 2020 through September 17, 2020.

1. Flow Rights
I received a letter from Mark Dugan, counsel for Clark Township, objecting to the Authority adopting any policy with regard to excess flows until all municipalities were made aware of the effect on each of them of the revision. I have sent Mr. Dugan a copy of the revised memorandum which did include the impact on each 11 municipalities.
2. Local Contracts Law/Open Public Meetings Act
No change.
3. QDI Monitoring
My understanding is that we have received the signed, updated Agreement from QDI.
4. Siphon – Rahway – Union County Park
No change.
5. Occidental Chemical
No change.
6. Metro Compliance
Janet Thevenin transmitted an Order to Bollywood to Cease and Desist from any actions regarding the property in question due to the high levels of metals. It is

our understanding that Bollywood, the tenant on the property, is seeking to identify companies that deal with treatment systems. RVSA has set up a compliance schedule which runs from October 15, 2020 until May 20, 2021. The owner of the property, Metro, has taken no action whatsoever, but that is between the tenant and the landlord. There is currently still \$1,500 owed in accordance with the original agreement entered earlier this year. There are additional penalties that are being imposed totaling \$7,000. We will allow Bollywood to use a large portion of the penalty to purchase necessary equipment.

7. Tomar

I transmitted the proposed Settlement Agreement in July. After sending a reminder e-mail to Tomar’s attorney in early August, I received a response last week advising that he had no problem with the Agreement, but wanted to add two paragraphs, one non-disparagement clause and one requiring us to give him a letter of satisfaction. I agreed to include a non-disparagement provision, but not the letter. I received another email from Tomar’s attorney at the end of August. We will discuss this matter in closed session.

8. OUTFRONT Media Billboard Lease

I am in the process of directing Outfront to sign the revised Agreement or demanding removal of the billboard.

9. H2M

I have had two conversations with H2M’s attorney. I was sent revised language for the indemnification provision and I then revised it further. The counsel for H2M rejected my revisions. I am afraid that we may not be able to reach agreement. PS&S did not have any problem with my language.

10. Change in Labor Counsel

Stefani Schwartz has left the Weiner firm and established her own firm, the Hatfield Schwartz Law Group. A resolution must be adopted to confirm the new appointment.

Committee Reports

Chairman: Are there reports from any of the following Committees?

Committee	Chairman	02/2020 – 02/2021 Committee Members		
Engineering	Michael Furci	Frank Mazarella	Louis Lambe	John Del Sordi
Finance	Michael Gelin	Frank Mazarella	Stephen Greet	John Tomaine
Legal	John Tomaine	Robert Beiner	Michael Gelin	Edward Gottko
Personnel	Robert Rachlin	Louis Lambe	Stephen Greet	Michael Furci
Nominating	Robert Beiner	Robert Rachlin	John Del Sordi	Edward Gottko

Engineering Committee (Michael Furci, Committee Chairman)

No report.

Finance Committee (Michael Gelin, Committee Chairman)

The Finance Committee reviewed the Bills & Claims listing and action is on the agenda under Bills & Claims.

Legal Committee (John Tomaine, Committee Chairman)

No report.

Personnel Committee (Robert Rachlin, Committee Chairman)

No report.

Unfinished Business

None.

New Business

Mr. Gelin offered one resolution.

1. **Resolution #20-43** – Authorizing a transfer of surplus funds to the Capital Replacement Fund

Motion: Mr. Gelin

Second: Mr. Furci

The motion was approved by those present.

RESOLUTION #20-43

WHEREAS, the Rahway Valley Sewerage Authority ("Authority") has previously established a Capital Replacement Fund; and

WHEREAS, the Capital Replacement Fund was established to provide for major repairs, renewals, replacements, or maintenance items of a type not recurring annually or at shorter intervals (collectively, the "Capital Improvements"); and

WHEREAS, the annual Audit Report for the fiscal year ended December 31, 2019 identifies Unrestricted, Unappropriated Surplus of \$1,335,000; and

WHEREAS, the Commissioners of the Authority have expressed interest in utilizing said surplus to supplement the Authority's Capital Replacement Fund.

NOW, THEREFORE, BE IT RESOLVED that the Commissioners of the Rahway Valley Sewerage Authority hereby authorize the transfer of \$635,000 from the Authority's Operating Fund to the Capital Replacement Fund; and

BE IT FURTHER RESOLVED, that the Secretary-Treasurer of the Rahway Valley Sewerage Authority is hereby directed to initiate said transfer.

Mr. Furci offered two resolutions.

1. **Resolution #20-44** – Award of Contract #2038 – Cleaning & Inspection of Lennington Street Siphon to National Water Main Cleaning Company

Motion: Mr. Furci
Second: Mr. Rachlin

The motion was approved by those present.

RESOLUTION #20-44

WHEREAS, the Rahway Valley Sewerage Authority (“Authority”) solicited bids for Contract #2038 – Cleaning & Inspection of Lennington Street Siphon, and received bids on September 10, 2020; and

WHEREAS, the Authority received two bids which were reviewed by the Purchasing Agent; and

WHEREAS, the low bidder, North American Pipeline Services, failed to complete the Disclosure of Activities in Iran Form, which is a mandatory requirement that cannot be waived, and therefore is cause for rejection; and

WHEREAS, the lowest responsive and responsible bid was received from National Water Main Cleaning Company of Kearny, NJ for a total cost of \$128,044.00; and

WHEREAS, the Manager of Regulatory Compliance and Purchasing Agent recommend the award of this contract to National Water Main Cleaning Company; and

WHEREAS, the Secretary-Treasurer of the Authority, who is the Chief Financial Officer, hereby certifies that the necessary funds for said contract are available in the 2020 Annual Budget.

NOW, THEREFORE, BE IT RESOLVED that the Commissioners of the Rahway Valley Sewerage Authority hereby authorize the award of Contract #2038 – Cleaning & Inspection of Lennington Street Siphon to National Water Main Cleaning Company for a term of one year and the amount of \$128,044.00; and

BE IT FURTHER RESOLVED that the Executive Director is hereby authorized to execute said contract; and

BE IT FURTHER RESOLVED that the bid submitted by North American Pipeline Services is hereby rejected.

2. **Resolution #20-45** – Authorizing an amendment in the amount of \$20,000 to Contract #2006 – Consulting Engineer Services with CDM Smith Inc.

Motion: Mr. Furci
Second: Mr. Rachlin

The motion was approved by those present.

RESOLUTION #20-45

WHEREAS, the Rahway Valley Sewerage Authority ("Authority") has previously engaged the firm CDM Smith Inc. for Professional Services, specifically Consulting Engineer Services, for the period January 1, 2020 through December 31, 2020; and

WHEREAS, the Chief Engineer has advised that there is a need to amend this agreement for additional monies; and

WHEREAS, the Secretary-Treasurer of the Authority, who is the Chief Financial Officer, hereby certifies that the necessary funds for said contract are available in the 2020 Annual Budget.

NOW, THEREFORE, BE IT RESOLVED that the Commissioners of the Rahway Valley Sewerage Authority hereby approve an amendment in the amount of \$20,000.00 for Contract #2006 with CDM Smith Inc., for a total amended contract amount of \$131,350.00; and

BE IT FURTHER RESOLVED that the Executive Director is hereby authorized to execute an amendment to the Professional Service Contract previously entered into; and

BE IT FURTHER RESOLVED that notice of this action will be published in accordance with law.

Mr. Rachlin offered one resolution.

1. **Resolution #20-46** – Appointing Hatfield Schwartz Law Group as Labor Counsel for the remainder of the 2020 year

Motion: Mr. Rachlin

Second: Mr. Furci

The motion was approved by those present.

RESOLUTION #20-46

WHEREAS, Stefani Schwartz, Esq., has served as Labor Counsel to the Rahway Valley Sewerage Authority ("Authority") for the past several years; and

WHEREAS, Ms. Schwartz was most recently affiliated with the Weiner Law Group, LLP, and prior to that, was with the firm Schwartz, Simon, Edelstein, & Celso; and

WHEREAS, Ms. Schwartz has advised that she has terminated her relationship with the Weiner Law Group and is now a Partner in the Hatfield Schwartz Law Group; and

WHEREAS, the Authority wishes to continue receiving Labor Counsel Services from Ms. Schwartz for the remainder of the 2020 year; 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

WHEREAS, the amount to be incurred by the Authority during the last three months of 2020 will not exceed \$17,500.00.

NOW, THEREFORE, BE IT RESOLVED that the Rahway Valley Sewerage Authority will be terminating its relationship with the Weiner Law Group effective September 30, 2020; and

BE IT FURTHER RESOLVED that the Hatfield Schwartz Law Group is hereby appointed as Labor Counsel for the Rahway Valley Sewerage Authority from the period October 1, 2020 to December 31, 2020, at an hourly rate of \$170.00 per hour and a total amount not to exceed \$17,500.00.

Bills and Claims

Mr. Gelin offered one motion.

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

Motion: Mr. Gelin
Second: Mr. Greet

The motion was approved by those present.

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

CHECK	DATE	VENDOR	LINE/ACCT	AMOUNT
3271	09/17/20	ADVANCE SCALE COMPANY, INC	140.3	97,363.00
3272	09/17/20	CDM SMITH, INC.	140.2	55,671.75
3273	09/17/20	FOLEY, INCORPORATED	127.0	526,610.25
3274	09/17/20	GREENBAUM, ROWE, SMITH & DAVIS	140.2	1,326.50
3275	09/17/20	XYLEM WATER SOLUTIONS USA, INC	127.0	122,802.00

Total Building & Equipment Fund Checks: 5

Total Void Checks: 0

Total Void Check Amount: \$0.00

Total Building & Equipment Fund Checks Paid: \$803,773.50

OPERATING FUND - MANUAL

CHECK	DATE	VENDOR	LINE/ACCT	AMOUNT
339	08/21/20	RAHWAY VALLEY S.A. - PAYROLL	01/02	215,869.81
340	09/11/20	NJ STATE HEALTH BENEFITS	03/04	109,060.76
341	09/11/20	RAHWAY VALLEY S.A. - PAYROLL	01/02	215,206.33

Total Operating Fund Manual Checks: 3

Total Void Checks: 0

Total Void Check Amount: \$0.00

Total Operating Fund Manual Checks Paid: \$540,136.90

OPERATING FUND

CHECK	DATE	VENDOR	LINE/ACCT	AMOUNT
52379	08/27/20	VERIZON WIRELESS	11	1,453.38
52380	09/08/20	DELTA DENTAL OF NEW JERSEY INC	03	4,726.40
52381	09/08/20	ELIZABETHTOWN GAS	22	1,573.81
52382	09/08/20	PURCHASE POWER	48	52.80
52383	09/08/20	UGI ENERGY SERVICES, LLC	22	28.73
52384	09/08/20	VISION SERVICE PLAN	03	1,480.31
52385	09/14/20	BANK OF AMERICA	18/27/31/32	2,300.04

CHECK	DATE	VENDOR	LINE/ACCT	AMOUNT
52386	09/14/20	HOME DEPOT CREDIT SERVICES	32	1,073.27
52387	09/14/20	NJ MANUFACTURERS INSURANCE CO.	17	10,998.00
52388	09/17/20	A TOUCH OF ITALY	49	88.87
52389	09/17/20	ACCREDITED ANALYTICAL RESOURCE	40	189.00
52390	09/17/20	ACME INDUSTRIAL, INC.	32	10,432.00
52391	09/17/20	ADP, LLC.	16	2,060.12
52392	09/17/20	A&K EQUIPMENT COMPANY	35	1,458.40
52393	09/17/20	ALL AMERICAN SEWER SERVICE INC	32	18,075.00
52394	09/17/20	ALLIED OIL	24	1,644.33
52395	09/17/20	AMERICAN AQUATIC TESTING, INC	40	1,030.00
52396	09/17/20	AMERICAN WEAR	32	1,071.22
52397	09/17/20	AMERIGAS	32	296.72
52398	09/17/20	AQUA PRO-TECH LABORATORIES	41	10,314.00
52399	09/17/20	ARC DOCUMENT SOLUTIONS	12	532.20
52400	09/17/20	ATLANTIC ANALYTICAL LABORATORY	41	2,310.00
52401	09/17/20	B & B DISPOSAL	32	675.00
52402	09/17/20	ROBERT BEINER	49	150.00
52403	09/17/20	BGIA, INC.	17	18,505.00
52404	09/17/20	ALEXANDER BIEL	04	433.80
52405	09/17/20	BIOBOT ANALYTICS, INC	32	2,040.00
52406	09/17/20	BOWCO LABORATORIES, INC.	32	63.00
52407	09/17/20	BRIDGESTONE HOSEPOWER, LLC	32	823.38
52408	09/17/20	BUYWISE AUTO PARTS	35	145.57
52409	09/17/20	CDM SMITH, INC.	05/06	49,134.18
52410	09/17/20	CANON FINANCIAL SERVICES, INC.	16	761.26
52411	09/17/20	HECTOR L. CARTAGENA	04	433.80
52412	09/17/20	JAMES CASSELLA	04	433.80
52413	09/17/20	CITY OF RAHWAY - UNITED WATER	33	19,276.59
52414	09/17/20	CONFIRE FIRE PROTECTION	31	3,427.00
52415	09/17/20	DONNA CORRIS DANIELS	04	1,156.80
52416	09/17/20	DAVID WEBER OIL COMPANY	32	123.75
52417	09/17/20	GARY DEGROAT	04	867.60
52418	09/17/20	BARBARA DERKACK	04	867.60
52419	09/17/20	ENVIRONMENTAL COMPLIANCE	41	2,375.00
52420	09/17/20	ENVIRONMENTAL RESOURCE ASSOC.	40	1,130.99
52421	09/17/20	GREGORY EVELYN	04	433.80
52422	09/17/20	EVOQUA WATER TECHNOLOGIES, LLC	32	5,043.14
52423	09/17/20	EDWARD FARYNA	04	867.60
52424	09/17/20	FACTORY DIRECT PIPELINE	32	1,069.85
52425	09/17/20	FISHER SCIENTIFIC	28/40	532.85
52426	09/17/20	FOLEY, INCORPORATED	28	59,416.29
52427	09/17/20	FREDERICK T. GEARDINO	04	433.80
52428	09/17/20	ANTHONY GENCARELLI	18	102.00
52429	09/17/20	GP JAGER INC.	32	1,206.40
52430	09/17/20	GRAINGER	28/31/32	11,134.46
52431	09/17/20	GREENBAUM, ROWE, SMITH & DAVIS	07	2,832.50
52432	09/17/20	JOANNE GRIMES	04	433.80

CHECK	DATE	VENDOR	LINE/ACCT	AMOUNT
52433	09/17/20	HACH COMPANY	32/40	1,048.15
52434	09/17/20	LOREN HARMS	49	650.00
52435	09/17/20	HAYES PUMP INC.	32	2,098.00
52436	09/17/20	ROY HERMAN	04	867.60
52437	09/17/20	JOHN V. HRUSKA	04	867.60
52438	09/17/20	HYDRO SERVICE & SUPPLIES, INC.	40	551.60
52439	09/17/20	INDEPENDENT OVERHEAD DOOR CO.	32	832.50
52440	09/17/20	INTELEPEER CLOUD COMMUNICATION	11	439.21
52441	09/17/20	JACOBSON DISTRIBUTING COMPANY	32	598.00
52442	09/17/20	JDV PROCESS EQUIPMENT CORP.	32	4,166.00
52443	09/17/20	JERSEY ELEVATOR COMPANY INC.	32	378.15
52444	09/17/20	WALTER JORDAN	04	867.60
52445	09/17/20	JOANNE KRUGELSTEIN	04	723.00
52446	09/17/20	LAKESIDE EQUIPMENT CORPORATION	32	5,000.00
52447	09/17/20	LOUIS LAMBE	49	150.00
52448	09/17/20	ALICIA MACKIN	04	867.60
52449	09/17/20	MAFFEY'S SECURITY GROUP	32	18.95
52450	09/17/20	MAGELLAN BEHAVIORAL HEALTH	03	445.20
52451	09/17/20	MAIN POOL & CHEMICAL INC	29	2,376.00
52452	09/17/20	JEAN MANIGOLD	04	607.20
52453	09/17/20	ROSA MARTINEZ MARMOL	31	125.00
52454	09/17/20	ROBERT J. MATERNA	04	867.60
52455	09/17/20	FRANK G. MAZZARELLA	49	150.00
52456	09/17/20	MCMASTER-CARR SUPPLY CO.	32	266.39
52457	09/17/20	MIDDLESEX WATER COMPANY	33	1,306.52
52458	09/17/20	MIRACLE CHEMICAL COMPANY	29	3,549.00
52459	09/17/20	ROBERT MRASZ	04	867.60
52460	09/17/20	MRI SERVICES	35	129.96
52461	09/17/20	NAVITEND	27	166.25
52462	09/17/20	NATIONAL ASSOCIATION OF	52	16,715.00
52463	09/17/20	COLOGIX	11	294.00
52464	09/17/20	NICHEM CORPORATION	28	52,330.00
52465	09/17/20	NJ ADVANCE MEDIA	12	1,012.67
52466	09/17/20	NORTHEAST INDUSTRIAL TECH, INC	32	281.57
52467	09/17/20	NSI LAB SOLUTIONS, INC	40	325.00
52468	09/17/20	OPTIMUM CONTROLS CORP.	28	2,337.50
52469	09/17/20	OFFICE CONCEPTS GROUP, INC.	31/32	944.68
52470	09/17/20	ONE CALL CONCEPTS, INC.	32	24.31
52471	09/17/20	EDMUND PETROSKY	04	433.80
52472	09/17/20	POLYDYNE INC.	23	22,345.00
52473	09/17/20	PRAXAIR DISTRIBUTION, INC.	32	575.04
52474	09/17/20	PRECISION ELECTRIC MOTOR WORKS	32	1,785.00
52475	09/17/20	MARLON PRIVADO	31	125.00
52476	09/17/20	PSE&G COMPANY	19	74,559.13
52477	09/17/20	ROBERT I. RACHLIN	49	150.00
52478	09/17/20	RADWELL INTERNATIONAL, INC.	32	8,659.24
52479	09/17/20	RARITAN SUPPLY	32	524.34

CHECK	DATE	VENDOR	LINE/ACCT	AMOUNT
52480	09/17/20	MICHAEL ROGERS, SR.	04	314.70
52481	09/17/20	RYAN HERCO FLOW CONTROL SYSTEM	32	693.38
52482	09/17/20	SAKER SHOPPRITES, INC.	40	5.94
52483	09/17/20	SANDER MECHANICAL SERVICE LLC	40	4,056.00
52484	09/17/20	COLONEL SATTERWHITE	04	433.80
52485	09/17/20	SCIENTIFIC WATER CONDITIONING	32	565.00
52486	09/17/20	JOSEPH SOWA	04	629.40
52487	09/17/20	DONALD STUART	04	433.80
52488	09/17/20	SUBURBAN TESTING LABS	28	910.00
52489	09/17/20	SUNBELT RENTALS	32	560.56
52490	09/17/20	SUPLEE, CLOONEY & COMPANY	10	12,200.00
52491	09/17/20	RICHARD P. TOKARSKI	04	813.00
52492	09/17/20	TRI-STATE BEARING - DIV OF	32	85.11
52493	09/17/20	TURTLE & HUGHES INC.	32	13,410.96
52494	09/17/20	UGI ENERGY SERVICES, LLC	22	32,426.14
52495	09/17/20	UNISON SOLUTIONS INC	28	8,876.12
52496	09/17/20	UNITED PARCEL SERVICE	48	17.26
52497	09/17/20	UNITED STATES PLASTIC CORP.	40	262.25
52498	09/17/20	UNUM LIFE INSURANCE COMPANY	03	1,173.50
52499	09/17/20	USA BLUEBOOK	32	305.11
52500	09/17/20	ROBERT VALENT	04	867.60
52501	09/17/20	VERIZON	27	1,706.07
52502	09/17/20	VERIZON	11	5.41
52503	09/17/20	W. A. BIRDSALL & CO.	32	2,467.07
52504	09/17/20	WASTE MANAGEMENT OF NEW JERSEY	25/26	69,150.52
52505	09/17/20	THOMAS WATTERS	04	402.00
52506	09/17/20	WB MASON COMPANY, INC.	13/32	346.82
52507	09/17/20	WINDSTREAM COMMUNICATIONS	11	1,529.85
52508	09/17/20	ARTHUR M. WRIGHT, JR	04	867.60
52509	09/17/20	Y-PERS INC	31	1,225.50

Total Operating Fund Checks: 131
 Total Void Checks: 1
 Total Void Check Amount: \$0.00
 Total Operating Fund Checks Paid: \$630,661.64

OPERATING FUND	0-01	\$1,170,798.54
BUILDING & EQUIPMENT FUND	0-02	<u>\$803,773.50</u>
TOTAL OF ALL FUNDS:		\$1,974,572.04

Mr. Harms opened the floor to the Public for questions or comments

None.

Closed Session

Mr. Rachlin made a motion to close the meeting at 6:36 p.m. for discussion regarding the Tomar claim. The motion was second by Mr. Beiner, and approved by those present.

Mr. Gottko made a motion to return to the regular order of business at 6:44 p.m. The motion was second by Mr. Lambe, and approved by those present.

Adjournment

As there was no further business, on motion of Mr. Furci, second by Mr. Rachlin, the meeting adjourned at 6:44 p.m. The motion was approved by those present.

Chairman

Andrea De Carlo
Andrea DeCarlo, Board Secretary

Attachments:
User Charge Report 08/2020



2020 FIVE YEAR MOVING AVERAGE STATUS REPORT

August, 2020

Member	Fractional Share of the Contribution ("Percent Share")						5 Year Moving Average	
	Measuring Year (Oct - Sept)						Current Average (2)	Previous Average (3)
	2015	2016	2017	2018	2019 (4)	2020(1)		
Clark	7.24%	6.02%	7.44%	10.17%	8.33%	8.01%	7.99%	7.84%
Cranford	8.99%	5.98%	6.69%	7.25%	9.95%	11.23%	8.22%	7.77%
Garwood	2.88%	1.89%	3.31%	2.74%	2.33%	2.25%	2.50%	2.63%
Kenilworth	2.61%	5.33%	5.61%	4.09%	5.30%	3.59%	4.78%	4.58%
Mountainside	3.39%	3.89%	3.88%	3.68%	2.90%	2.45%	3.36%	3.55%
Rahway	14.41%	18.87%	13.71%	14.04%	18.01%	22.16%	17.36%	15.81%
Roselle Park	1.38%	1.62%	1.04%	0.84%	1.61%	2.08%	1.44%	1.30%
Scotch Plains	7.32%	4.62%	5.15%	5.88%	4.56%	4.23%	4.89%	5.51%
Springfield	11.08%	9.97%	9.18%	9.28%	9.28%	9.28%	9.40%	9.76%
Westfield	13.49%	18.87%	16.26%	14.79%	15.64%	14.35%	15.98%	15.81%
Woodbridge	27.21%	22.94%	27.73%	27.24%	22.09%	20.38%	24.08%	25.44%
	100.00%	100.00%	100.00%	100.00%	100.00%	100.01%	100.00%	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 2016, 2017, 2018, 2019, and month to date for 2020
- (3) Five year moving average consisting of 2015, 2016, 2017, 2018, and 2019
- (4) Average of Old and New Methods



2020 Town Annual Percent Share August, 2020

Member	Average Daily Flow (MGD)		Biochemical Oxygen Demand (Tons/Day)		Total Suspended Solids (Tons/Day)		Annual Percent Share		
	2019	2020	2019	2020	2019	2020	2019	2019(3)	2020
Clark	1.72	1.52	1.40	1.79	1.54	1.55	7.78%	8.33%	8.01%
Cranford	3.71	3.08	1.49	1.78	2.44	2.28	11.66%	9.95%	11.23%
Garwood	0.75	0.60	0.32	0.36	0.51	0.46	2.43%	2.33%	2.25%
Kenilworth	1.59	0.94	0.70	0.59	1.11	0.74	5.27%	5.30%	3.59%
Mountainside	0.78	0.68	0.30	0.39	0.50	0.50	2.40%	2.90%	2.45%
Rahway	5.24	5.72	2.41	3.68	3.74	4.59	17.68%	18.01%	22.16%
Roselle Park	0.66	0.53	0.30	0.35	0.49	0.43	2.24%	1.61%	2.08%
Scotch Plains	1.37	1.16	0.54	0.67	0.89	0.86	4.27%	4.56%	4.23%
Springfield	2.94	2.46	1.27	1.51	2.02	1.91	9.59%	9.28%	9.28%
Westfield	4.52	3.57	2.20	2.44	3.36	3.02	15.76%	15.64%	14.35%
Woodbridge (1)(2)	6.54	5.19	2.88	3.56	4.14	4.07	20.92%	22.09%	20.38%
Totals:	29.82	25.45	13.81	17.11	20.74	20.41	100.00%	100.00%	100.01%

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 1995 Agreement
- (2) Woodbridge TSS Adjustment includes an 833 lbs/day credit per section 11.5 of the 1995 Agreement
- (3) 2019 blended rate of old and new methods



2020 Intermunicipal Adjustment Report August, 2020

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	1.42	0.0958	1.52	1.71	0.0799	1.79	1.47	0.0799	1.55
Cranford	242	1,092	-850	3.25	-0.1700	3.08	1.92	-0.1418	1.78	2.42	-0.1418	2.28
Garwood	54	110	-56	0.61	-0.0112	0.60	0.37	-0.0093	0.36	0.47	-0.0093	0.46
Kenilworth	62	38	24	0.93	0.0048	0.94	0.59	0.0040	0.59	0.74	0.0040	0.74
Mountainside	105	339	-234	0.73	-0.0468	0.68	0.42	-0.0390	0.39	0.53	-0.0390	0.50
Rahway	13	15	-2	5.72	-0.0004	5.72	3.68	-0.0003	3.68	4.59	-0.0003	4.59
Roselle Park	38	117	-79	0.55	-0.0158	0.53	0.36	-0.0132	0.35	0.45	-0.0132	0.43
Scotch Plains	66	413	-347	1.23	-0.0694	1.16	0.73	-0.0579	0.67	0.92	-0.0579	0.86
Springfield	0	186	-186	2.50	-0.0372	2.46	1.54	-0.0310	1.51	1.94	-0.0310	1.91
Westfield	1,425	175	1,250	3.32	0.2500	3.57	2.23	0.2085	2.44	2.81	0.2085	3.02
Woodbridge (1)(2)	10	9	1	5.69	-0.4998	5.19	3.56	0.0002	3.56	4.48	-0.4163	4.07
Totals:	2,494	2,494	0	25.95	-0.5000	25.45	17.11	0.0000	17.11	20.82	-0.4165	20.41

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 1995 Agreement
- (2) Woodbridge TSS Adjustment includes an 833 lbs/day credit per section 11.5 of the 1995 Agreement



Member BOD and TSS Loading Contribution August, 2020

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	0.76	0.28	1.42	0.0958	1.52	0.95	1.19	1.71	1.47
Cranford			3.25	-0.1700	3.08	1.92	2.42	1.92	2.42
Garwood			0.61	-0.0112	0.60	0.37	0.47	0.37	0.47
Kenilworth	0.00	0.00	0.93	0.0048	0.94	0.59	0.74	0.59	0.74
Mountainside	0.00	0.00	0.73	-0.0468	0.68	0.42	0.53	0.42	0.53
Rahway	0.10	0.08	5.72	-0.0004	5.72	3.58	4.51	3.68	4.59
Roselle Park	0.03	0.03	0.55	-0.0158	0.53	0.33	0.42	0.36	0.45
Scotch Plains			1.23	-0.0694	1.16	0.73	0.92	0.73	0.92
Springfield	0.00	0.00	2.50	-0.0372	2.46	1.54	1.94	1.54	1.94
Westfield			3.32	0.2500	3.57	2.23	2.81	2.23	2.81
Woodbridge	0.00	0.00	5.69	0.0002	5.69	3.56	4.48	3.56	4.48
Totals:	0.89	0.39	25.95	0.00	25.95	16.22	20.43	17.11	20.82

Notes:

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



2020 Plant Influent Loading August, 2020

	2019			2020									Average To Date
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
Plant Influent Flow and Sample Data													
Avg. Daily Flow (MGD) (1)	22.94	22.96	33.86	26.41	27.68	27.67	28.57	25.11	21.72	23.88	24.60	0.00	25.95
Avg. BOD (mg/l) (2)	146	147	155	187	165	157	134	150	181	158	163		158
Avg. TSS (mg/l) (2)	206	188	150	223	186	186	151	185	234	221	215		195.05
Total Influent Loading (a)(b)													
BOD (Tons/Day)	13.97	14.08	21.88	20.59	19.04	18.10	15.93	15.73	16.35	15.73	16.75	0.00	17.11
TSS (Tons/Day)	19.71	18.00	21.18	24.52	21.47	21.49	18.04	19.34	21.22	22.00	22.08	0.00	20.82
Total Industrial Contribution (3)													
												BOD (Tons/Day)	0.89
												TSS (Tons/Day)	0.39
Total Domestic Influent Loading													
												BOD (Tons/Day)	16.22
												TSS (Tons/Day)	20.43

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



2020 Average Daily Flow Report August, 2020

Meter #	2019			2020									Average To Date
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
RV01	2.28	2.29	3.06	2.72	2.64	2.62	2.68	2.49	2.15	2.35	2.19		2.50
RV02	3.59	3.24	4.03	3.60	3.64	3.55	3.63	3.48	3.03	3.31	3.21		3.48
RV03	1.63	1.58	2.26	1.76	1.87	1.85	1.95	1.74	1.50	1.61	1.61		1.76
RV04	0.26	0.24	0.31	0.25	0.25	0.26	0.27	0.25	0.22	0.21	0.21		0.25
RV05	0.37	0.35	0.49	0.41	0.40	0.40	0.43	0.32	0.35	0.36	0.36		0.39
RV06	0.49	0.48	0.74	0.57	0.59	0.53	0.53	0.47	0.42	0.44	0.44		0.52
RV07	0.65	0.62	0.79	0.67	0.70	0.70	0.71	0.66	0.58	0.65	0.67		0.67
RV09	2.90	2.92	4.37	3.55	3.84	3.76	3.95	3.42	2.78	2.89	3.00		3.40
RV10	8.04	8.24	11.60	9.49	9.70	9.40	9.93	8.93	7.57	8.16	7.96		9.00
RV11	11.74	11.93	17.23	14.06	14.63	14.21	15.02	13.31	11.06	11.84	11.85		13.35
RV12	3.81	3.96	5.75	4.40	4.63	4.99	5.22	4.66	4.19	4.88	5.15		4.69
RV13	0.62	0.66	0.94	0.75	0.80	0.75	0.78	0.69	0.56	0.62	0.64		0.71
RV14	19.12	19.00	27.99	21.93	23.05	22.66	23.34	20.44	17.53	18.98	19.45		21.22
RV15	0.90	0.92	1.67	1.12	1.23	1.18	1.04	0.81	0.60	0.76	0.78		1.00
RV16A	23.01	22.48	33.48	25.77	27.01	27.77	29.99	24.93	21.53	23.96	24.06		25.82
RV17	0.47	0.45	0.54	0.47	0.49	0.48	0.48	0.44	0.42	0.44	0.44		0.47
RV18	0.89	0.80	0.79	0.65	0.93	0.96	1.03	0.99	0.71	0.80	0.82		0.85
RV19	0.34	0.35	0.44	0.40	0.40	0.40	0.42	0.38	0.35	0.35	0.36		0.38
RV20	0.71	0.71	0.84	0.76	0.76	0.73	0.75	0.71	0.67	0.68	0.67		0.73
RV22	14.31	14.56	19.83	16.50	17.16	16.69	17.47	16.25	13.55	14.43	14.48		15.93
RV27	0.35	0.03	1.93	0.00	0.12	0.34	0.39	0.00	0.02	0.23	0.14		0.32
RV28	0.13	0.00	0.73	0.05	0.01	0.19	0.28	0.00	0.00	0.12	0.02		0.14
RV29	1.26	1.33	1.79	1.47	1.48	1.45	1.54	1.39	1.21	1.34	1.30		1.41
RV30	0.17	0.19	0.27	0.17	0.17	0.21	0.24	0.23	0.19	0.16	0.16		0.20
RV31	0.02	0.00	0.12	0.08	0.00	0.03	0.01	0.01	0.00	0.02	0.01		0.03



2020 Average Industrial TSS Loading Report August, 2020

		Average Daily TSS Loading (Tons/Day)											AVG T/D	Town Total	
		Oct 31	Nov 30	Dec 31	Jan 31	Feb 29	Mar 31	Apr 30	May 31	Jun 30	Jul 31	Aug 31			Sep 30
Kerry 1	Clark	0.002	0.003	0.002	0.001	0.003			0.001	0.000	0.006			0.0022	0.28000
Kerry 2	Clark	0.011	0.004	0.008	0.008	0.006	0.009		0.005	0.011	0.008			0.0078	
Kerry 3	Clark	0.003	0.019	0.004	0.028	0.027			0.023		0.019			0.0178	
Kerry 4	Clark	0.110	0.381	0.709	0.193	0.138	0.043		0.082	0.459	0.169			0.2538	
B&M Finishers	Kenilworth	0.000	0.000	0.000	0.000	0.000	0.000		0.000	0.000	0.000			0.0000	0.00000
Kenilworth Anodizing	Kenilworth	0.000	0.000	0.000	0.000	0.000	0.000		0.000	0.000	0.000			0.0000	
American Aluminum	Mountainside	0.002	0.001	0.002	0.001	0.001	0.001		0.000	0.000	0.000			0.0009	0.00000
Clean Haven	Rahway														
Guest Packaging 02	Rahway	0.001	0.002	0.003	0.007	0.001	0.003		0.005	0.003	0.001			0.0029	0.08000
Guest Packaging 03	Rahway	0.001	0.002	0.002	0.001	0.001	0.001		0.002	0.002	0.001			0.0013	
Merck 007	Rahway	0.017	0.013	0.016	0.018	0.011	0.008	0.000	0.004	0.048	0.026			0.0161	
Merck 012	Rahway	0.090	0.081	0.144	0.046	0.050	0.053	0.001	0.020	0.018	0.023			0.0526	
Quala Systems	Rahway	0.002	0.016	0.009	0.005	0.007			0.002	0.006	0.010			0.0071	
Suez Water Rahway	Rahway	0.001	0.002	0.001	0.002	0.001	0.002		0.003	0.005	0.004			0.0023	
Crossfield Products (Not currently an SIU)	Roselle Park	0.001			0.002				0.006					0.0030	0.03000
Merck Kenilworth (formerly Schering)	Roselle Park	0.024	0.040	0.064	0.027	0.026	0.027	0.003	0.008	0.009	0.013			0.0240	
Valcor Engineering	Springfield	0.000	0.003	0.003	0.001	0.007	0.002		0.001	0.004	0.002			0.0025	0.00000
BASF 1	Woodbridge	0.004	0.003	0.001	0.002	0.002			0.001	0.001	0.002			0.0018	0.00000
BASF 2	Woodbridge	0.002	0.001	0.001	0.001	0.002			0.002	0.003	0.006			0.0021	
Gentek Building Products	Woodbridge	0.000	0.000		0.000	0.000	0.000		0.000	0.000	0.000			0.0001	
Total Tons		0.271	0.570	0.968	0.343	0.284	0.150	0.004	0.164	0.570	0.290	0.000	0.000	0.3985	0.39000



2020 Average Industrial BOD Loading Report August, 2020

		Average Daily BOD Loading (Tons/Day)											AVG T/D	Town Total	
		Oct 31	Nov 30	Dec 31	Jan 31	Feb 29	Mar 31	Apr 30	May 31	Jun 30	Jul 31	Aug 31			Sep 30
Kerry 1	Clark	0.002	0.003	0.002	0.002	0.001			0.000	0.001	0.004			0.0019	0.76000
Kerry 2	Clark	0.062	0.036	0.022	0.067	0.032	0.049		0.033	0.027	0.065			0.0435	
Kerry 3	Clark	0.073	0.033	0.012	0.096	0.314			0.175		0.086			0.1128	
Kerry 4	Clark	0.079	0.693	1.380	0.818	0.431	0.271		0.517	0.711	0.491			0.5990	
B&M Finishers	Kenilworth	0.000	0.000	0.000	0.000	0.000	0.000		0.000	0.000	0.000			0.0000	0.00000
Kenilworth Anodizing	Kenilworth	0.000	0.000	0.000	0.000	0.000	0.000		0.000	0.000	0.000			0.0000	0.00000
American Aluminum	Mountainside	0.000	0.001	0.000	0.000	0.001	0.001		0.001	0.000	0.001			0.0005	0.00000
Clean Haven	Rahway														
Guest Packaging 02	Rahway	0.006	0.006	0.010	0.011	0.005	0.003		0.007	0.008	0.003			0.0065	0.10000
Guest Packaging 03	Rahway	0.004	0.012	0.006	0.002	0.002	0.003		0.001	0.003	0.001			0.0038	
Merck 007	Rahway	0.008	0.007	0.007	0.008	0.007	0.004	0.001	0.003	0.008	0.007			0.0059	
Merck 012	Rahway	0.034	0.035	0.056	0.034	0.033	0.034	0.001	0.008	0.009	0.014			0.0258	
Quala Systems	Rahway	0.181	0.078	0.032	0.030	0.011			0.050	0.037	0.023			0.0552	
Suez Water Rahway	Rahway	0.002	0.003	0.001	0.001	0.002	0.000		0.001	0.003	0.003			0.0018	
Crossfield Products (Not currently an SIU)	Roselle Park	0.001			0.001				0.000					0.0008	0.03000
Merck Kenilworth (formerly Schering)	Roselle Park	0.024	0.065	0.052	0.057	0.036	0.030	0.005	0.016	0.005	0.010			0.0300	0.03000
Valcor Engineering	Springfield	0.001	0.003	0.003	0.001	0.003	0.002		0.002	0.002	0.002			0.0022	0.00000
BASF 1	Woodbridge	0.002	0.001	0.002	0.002	0.001			0.001	0.000	0.001			0.0012	0.00000
BASF 2	Woodbridge	0.001	0.001	0.001	0.002	0.002			0.001	0.001	0.002			0.0013	
Gentek Building Products	Woodbridge	0.000	0.000		0.000	0.000	0.000		0.000	0.000	0.000			0.0001	
Total Tons		0.479	0.978	1.586	1.131	0.882	0.396	0.007	0.816	0.815	0.712	0.000	0.000	0.8923	0.89000