

Monday Afternoon
Riverside, NJ
March 9, 2020
Regular Meeting
4:50pm

STATEMENT:

Public Notice of this meeting pursuant to the Open Public Meetings Act has been given by the Riverside Sewerage Authority in the following manner:

1. Posting written notice on the official bulletin board at the Riverside Township Administrative Office Building on February 13, 2020.
2. Written notice was delivered to the Burlington County Times and the Courier Post on February 13, 2020.
3. Filed written notice with the Clerk of the Township of Riverside on February 13, 2020.

The regular meeting of the Riverside Sewerage Authority was held on the above date at the Riverside Township Municipal Building 1 W. Scott Street Riverside, NJ 08075.

ROLL CALL

Mr. Mingin – present, Mr. Haman – present, Mr. Conard – present, Mr. Van Meter – present, Mr. Horton – present.

Also present: Authority Secretary Susan M. Dydek and Superintendent Joseph Bader. Treasurer Jack was not in attendance.

RESOLUTION:

None.

APPROVAL OF MINUTES:

Motion made by Mr. Haman and Mr. Mingin that the minutes of the Reorganization Meeting of February 10, 2020 and the Regular Meeting of February 10, 2020 be approved as written. Upon roll call the vote was as follows: Ayes – Messrs. Haman, Mingin, Van Meter and Horton. Nays – None. Abstain – Mr. Conard. Motion carried.

PUBLIC PORTION – (TECHNICAL):

Chairman Horton opened Public Portion (Technical)

In seeing no members of the Public wishing to speak, **motion made by Mr. Conard and Mr. Van Meter to close Public Portion (Technical) carried.**

OLD BUSINESS:

- 1) SJM Riverside (Taubel Mills) – Secretary Dydek reported that SJM will appear before the Planning Board in May or June. Then they will come before the Authority for approval.
- 2) Superintendent's Contract – **Motion made by Mr. Conard, seconded by Mr. Mingin to approve the Superintendent's Contract that will be retroactive to January 1, 2020 carried.**
- 3) Connection Fees – No update.
- 4) Rates – No update.
- 5) Stout and Caldwell – The Authority was verbally informed that half of the sewer systems will be routed to Riverside and half will be routed to Delran. The Authority decided that authorization will not be given until conformation in writing is received.

NEW BUSINESS:

- 1) Enterprise Fleet Management – Treasurer Jack will report on this item next month.

ACTION:

- 1) TWA approval for Camelot at Riverside. Chairman Horton requested that Secretary Dydek contact the Engineer to have him appear at the next meeting.
- 2) Authorization to hire a Temporary Employee to cover Jacqueline Ransburgh's Maternity Leave. **Motion made by Messrs. Van Meter and Conard authorizing the hiring of a Temporary Employee carried.**

CORRESPONDENCE:

- 1) Burlington County Board of Chosen Freeholders – Requesting the Riverside Sewerage Authority to accept a portion of wastewater generated at the Burlington County Resource Recovery Complex for disposal at the Riverside Sewerage Authority Plant. **Motion made by Mr. Haman to deny the request seconded by Mr. Mingin to deny the request carried. Motion denied.**
- 2) Pennoni – ARC Flash and Short Circuit Study. **Mr. Haman made a motion authorizing Pennoni to proceed with the Arc Flash and Short Circuit Study seconded by Mr. Mingin carried.**
- 3) Riverside Junior Rams – Potential Sponsor for Golf Outing. **Motion to deny this request made by Messrs. Haman and Van Meter carried.**

REPORTS:**PLANT:**

Mr. Conard reported that everything is running satisfactory.

APPEALS:

Mr. Mingin had no report.

REVENUE AND FINANCE:

Mr. Haman reported that the Superintendent's Contract was approved earlier in the meeting.

STREETS:

Mr. Van Meter reported that 3689 feet of line maintenance was performed and the camera truck was used for 1139 feet of line maintenance.

INSPECTIONS:

Mr. Horton reported that there were no inspections for the month.

SUPERINTENDENT'S REPORT:

Superintendent Bader reported that he received three (3) quotes in order to replace QC/Eurofins Laboratories. The quotes were received from Garden State Laboratories, New Jersey Analytical Laboratories, and ALS Global. All of the quotes averaged \$16,000.00. Superintendent Bader requested that the Engineer review the quotes. **Motion made by Mr. Haman, seconded by Mr. Mingin to allow the Environmental Resolutions Inc. to review the quotes carried.** Robert Ganter Contractors Inc. is anticipated to begin the Building 1 Office Roof Replacement on March 17, 2020. Shaft and Sleeves completed the repairs to Grit Chamber #2. There were BOD5 and TSS effluent violations in January 2018. These violations are believed to be lab errors with Eurofin Labs.

The report is on file in the Authority Secretary's Office.

Motion made by Mr. Van Meter, seconded by Mr. Conard to accept the Superintendent's Report carried.

ENGINEER'S REPORT:

The Engineer's Report was submitted.

The report is on file in the Authority Secretary's Office.

Motion made by Mr. Conard, seconded by Mr. Van Meter to accept the Engineer's Report carried.

MONTHLY FINANCIAL REPORT:

Treasurer Jack was not in attendance.

**RIVERSIDE SEWERAGE AUTHORITY
PLANT OPERATOR'S REPORT
AUTHORITY MEETING – March 9, 2020**

1. The Plant Performance Summary for January, 2020 is attached for review. The Residuals [Sludge] Management Summary for January, 2020 is also attached for review. Dewatered sludge [25 yds] was removed by the Woolston Company for composting at the County facility.
2. The Trouble Log Summary for February, 2020 is attached for review.

One Property were reported to the NJDEP for a lateral vent overflow this reporting period.
 1. 225 Delaware Avenue. The NJDEP Case # is 200219214407.
3. The Line Maintenance Summary for February, 2020 is attached for review.
4. Measurements of the Secondary Digester Roof where not recorded this reporting period.

[The Secondary Digester is not operating as designed. The Secondary Digester Dome requires methane gas produced in the Primary Digester for the secondary roof to float correctly.
5. Three quotations were requested to replace QC/Eurofins Laboratories from Garden State Laboratories, New Jersey Analytical Laboratories and ALS Global. The quotations that have been received are averaging [\$16,000.00]. I'm requesting the Authority Engineer review the quotes for Public Bid.
6. Robert Ganter Contractors Inc. is anticipated to start the Building 1 Office Roof replacement March 17, 2020.
7. Shaft and Sleeves have completed the repairs to the Grit Chamber #2 Conveyor. The conveyor is now operating as designed. The NJDEP was notified and the returned to service case # is 200304145112.
8. Sand filter #1 was removed from service for repairs. The out of service NJDEP Case # is 191203080726. The damaged valve from the Sand Filter to the Head Loss Gauge was replaced. Shaft and Sleeves was contacted for a quotation on rebuilding the Airlifts. The airlifts need rebuilding before the Sand Filter can be returned to service.
9. There were BOD5 & TSS effluent violations in January 2018. RSA believed these violations to be Lab errors with Eurofin Labs and reported these violations as such on the January's DMR's. The RSA Affirmative Defense for the violations may not be approved, which may result in a NJDEP fine.

**RIVERSIDE SEWERAGE AUTHORITY
PLANT OPERATOR'S REPORT
AUTHORITY MEETING - March 9, 2020**

SUBMITTED BY

A handwritten signature in cursive script, appearing to read "Joseph G. Bader", written over a horizontal line.

JOSEPH G. BADER
SUPERINTENDENT

PLANT PERFORMANCE SUMMARY

January 2020

PARAMETER	PERMIT	REPORTED	PARAMETER	PERMIT	REPORTED
FLOW, EFFLUENT			NITRATE (AS N), EFFLUENT		1/6 months
Monthly Avg	Report	0.85 MGD	Mon Avg Conc	Report	0.00 MG/L
Daily Maximum	Report	1.02 MGD	Daily Max Conc	Report	0.00 MG/L
FLOW INFLUENT			E. COLI		
Mon Avg Conc	Report	0.83 MGD	Monthly Geo Avg	Report	3.16 /100ML
Weekly Avg Conc	Report	1.13 MGD	Instant Max	Report	10.00 /100ML
5 DAY BOD, INFLUENT			FECAL COLIFORM, EFFLUENT		
Mon Avg Conc	Report	347.00 MG/L	Monthly Avg	200/100ML	1.00 /100ML
Weekly Avg Conc	Report	617.00 MG/L	Weekly Avg	400/100ML	1.00 /100ML
5 DAY BOD, EFFLUENT			BIOASSAY, EFFLUENT		
Mon Avg Loading	98 KG/D	42.11 KG/D	LC50 95 hr Acute	50%	Code =N %
Weekly Avg Loading	147 KG/D	44.29 KG/D	IC25 7 day Chronic	Report	Code =N %
Mon Avg Conc	30 MG/L	12.60 MG/L	CHLORINE PRODUCED OXIDANTS, EFFLUENT		
Weekly Avg Conc	45 MG/L	13.80 MG/L	Mon Avg Conc	Report	0.010 MG/L
5 DAY BOD REMOVAL EFFICIENCY			Daily Max Conc	Report	0.010 MG/L
Mon Avg Minimum	88.5%	95.10 %	TEMPERATURE, INFLUENT		
pH, INFLUENT			Minimum	Report	13.80 DEG C
Minimum	Report	7.05 S.U.	Monthly Avg	Report	15.54 DEG C
Maximum	Report	7.54 S.U.	Maximum	Report	19.50 DEG C
pH, EFFLUENT			TEMPERATURE, EFFLUENT		
Minimum	6.00 S.U.	5.75 S.U.	Minimum	Report	11.00 DEG C
Maximum	9.00 S.U.	6.65 S.U.	Monthly Avg	Report	13.93 DEG C
TOTAL SUSP SOLIDS, INFLUENT			Maximum	Report	17.60 DEG C
Mon Avg Conc	Report	165.67 MG/L	DISSOLVED OXYGEN, EFFLUENT		
Weekly Avg Conc	Report	230.00 MG/L	Wkly Avg Conc (Min)	4.0 MG/L	11.79 MG/L
TOTAL SUSP SOLIDS, EFFLUENT			PHOSPHOROUS, EFFLUENT		
Mon Avg Loading	113 KG/D	90.33 KG/D	Mon Avg Conc	Report	0.58 MG/L
Weekly Avg Loading	170 KG/D	125.48 KG/D	Weekly Avg Conc	Report	6.10 MG/L
Mon Avg Conc	30 MG/L	27.00 MG/L	COPPER, EFFLUENT		
Weekly Avg Conc	45 MG/L	37.00 MG/L	Mon Avg Conc	Report	0.0000 MG/L
TOTAL SUSP SOLIDS REMOVAL EFFICIENCY			Daily Max Conc	Report	0.0000 MG/L
Mon Avg Minimum	85.0%	80.50 %	ZINC, EFFLUENT		
OIL&GREASE, EFFLUENT		1/3months	Mon Avg Conc	Report	4.7000 MG/L
Mon Avg Conc	10 MG/L	Code =N MG/L	Daily Max Conc	Report	4.7000 MG/L
Daily Max Conc	15 MG/L	Code =N MG/L	Total Dissolved Solids	Effluent	1/month
AMMONIA NITROGEN (NOV-APR), EFFLUENT			Mon Avg Conc	Report	0.0 MG/L
Mon Avg Loading	75.7 KG/D	1.3501 KG/D	Daily Max Conc	Report	0.0 MG/L
Daily Max Loading	151.4 KG/D	1.9488 KG/D			
Mon Avg Conc	20 MG/L	0.4067 MG/L			
Daily Max Conc	40 MG/L	0.5900 MG/L			

Code = N Not Required This Monitoring Period
Code = E Lab Error

LC50 95 hr Acute Required 1/6months
IC25 7 day Chronic Required 1/12 Months

RESIDUALS MANAGEMENT SUMMARY

January 2020

SLUDGE PRODUCED		RAW SLUDGE	
Total Gallons	0 00 gal	% Total Solids, minimum	0.00 %
Average Gallons/Day	0 00 gpd	% Total Solids, average	0.00 %
Total Dry Tons	0 00 dt	% Total Solids, maximum	0.00 %
Average Dry Tons/Day	0 00 dt/d	% Total Volatile Solids, minimum	0.00 %
Total Metric Tons	0 00 mt	% Total Volatile Solids, average	0.00 %
Average Metric Tons/Day	0 00 mt/d	% Total Volatile Solids, maximum	0.00 %
		pH minimum	0 00 s.u.
		pH maximum	0.00 s.u.
LIQUID SLUDGE REMOVED			
Total Gallons	NA gal	sludge sample temperature, min	0.00 C
Average Gallons/Day	NA gpd	sludge sample temperature, avg	0.00 C
Total Dry Tons	NA dt	sludge sample temperature, max	0.00 C
Average Dry Tons/Day	NA dt/d		
Total Metric Tons	NA mt	PRIMARY DIGESTER SLUDGE	
Average Metric Tons/Day	NA mt/d	% Total Solids, minimum	0.00 %
% Total Solids, Minimum	NA %	% Total Solids, average	0.00 %
% Total Solids, Average	NA %	% Total Solids, maximum	0.00 %
% Total Solids, Maximum	NA %	% Total Volatile Solids, minimum	0.00 %
pH, Minimum	NA s.u.	% Total Volatile Solids, average	#DIV/0! %
pH, Maximum	NA s.u.	% Total Volatile Solids, maximum	0.00 %
		pH minimum	0.00 s.u.
		pH maximum	0.00 s.u.
DEWATERED SLUDGE REMOVED			
Total Gallons to Belt Press	0 00 gal	sludge sample temperature, min	0.00 C
Average Gallons/Day	0 00 gpd	sludge sample temperature, avg	0 00 C
% Total Solids, minimum	1 60 %	sludge sample temperature, max	0 00 C
% Total Solids, average	2 47 %		
% Total Solids, maximum	3 40 %	SECONDARY DIGESTER SLUDGE	
% Total Volatile Solids, minimum	75 00 %	% Total Solids, minimum	2 70 %
% Total Volatile Solids, average	78 57 %	% Total Solids, average	3.40 %
% Total Volatile Solids, maximum	81 30 %	% Total Solids, maximum	4.00 %
Total Wet Cubic Yards	25 00 wcy	% Total Volatile Solids, minimum	82 85 %
Average Cubic Yards/Day	0 81 wcuyl/d	% Total Volatile Solids, average	84 35 %
Total Dry Metric Tons	0 44 dmt	% Total Volatile Solids, maximum	85.19 %
Average Dry Metric Tons a Day	0 01 dmt/d	pH minimum	0 00 s.u.
Total Metric Tons	NA mt	pH maximum	0.00 s.u.
Average Metric Tons/Day	NA mt/d	sludge sample temperature, min	5 16 C
		sludge sample temperature, avg	0 00 C
		sludge sample temperature, max	5 87 C
OPERATIONS			
Heat Exchange, Temp In, min	70 00 F	VOLATILE SOLIDS REDUCTION	
Heat Exchange, Temp In, avg	89 97 F	Raw to Secondary Digester, minimum	0.00 %
Heat Exchange, Temp In, max	110 00 F	Raw to Secondary Digester, average	0.00 %
Heat Exchange, Temp Out, min	52 00 F	Raw to Secondary Digester, maximum	0.00 %
Heat Exchange, Temp Out, avg	89 06 F		
Heat Exchange, Temp Out, max	99 00 F		
Detention Time, Primary Digester	#DIV/0! days		
Detention Time, Secondary Digester	#DIV/0! days		

N.R. = None Removed
 N.S. = Not Sampled
 N.W. = Not Working

O.O.S. = Out Of Service
 R.T.S. = Return To Service
 N.I.S. = Not In Service

February 2020 Trouble Log Summary

Date	Report #	Address	Condition(s) Reported	Condition(s) Found	Disposition
2/3/2020	2020-017	704 PINE STREET	Backflow into property	Main clear	Notified owner/tenant
2/7/2020	2020-018	227 DELAWARE AVENUE	Backflow into property	Main clear	Notified owner/tenant
2/9/2020	2020-019	434 DELAWARE AVENUE	Backflow into property	Main slow	Flush/vac/root cut sewer main
2/19/2020	2020-020	227 KOSSUTH STREET	Markout request	Main clear	Markout main/lateral/vent
2/19/2020	2020-021	225 DELAWARE AVENUE	Vent overflow	Main clear	Notified owner/tenant
2/25/2020	2020-022	315 BEM STREET	Backflow into property	Main slow	Flush/vac/root cut sewer main
2/29/2020	2020-023	229 S. CHESTER AVENUE	Slow/no drainage	Main clear	Notified owner/tenant

February 2020 Line Maintenance Summary

Date	Report #	Location	Section	Diameter	Distance	Remarks
2/10/2020	2020-0021	Lafayette St.	52-51	8"	395	FOUND GREASE.
2/10/2020	2020-0022	Lafayette St.	37-52	8"	149	FOUND GREASE.
2/18/2020	2020-0023	Filmore St.	122-123	8"	251	FOUND ROOTS.
2/18/2020	2020-0024	Dauphin St.	152-153	8"	245	
2/18/2020	2020-0025	Dauphin St.	153-154	8"	245	FOUND ROOT & RAGS.
2/21/2020	2020-0026	Arndt Ave.	235-241	8"	460	FOUND GREASE & RAGS.
2/24/2020	2020-0027	Lafayette St.	52-51	8"	395	FOUND HEAVY GREASE.
2/24/2020	2020-0028	Lafayette St.	37-52	8"	149	FOUND HEAVY GREASE.
2/24/2020	2020-0029	Pavilion Ave. South	166-174	8"	257	FOUND HEAVY GREASE.
2/26/2020	2020-0030	Dauphin St.	154-155	8"	245	TV INSPECTION.
2/26/2020	2020-0031	Dauphin St.	155-156	8"	165	TV INSPECTION.
2/27/2020	2020-0032	Henry St.	162-161	8"	239	TV INSPECTION.
2/27/2020	2020-0033	Henry St.	161-160	8"	245	TV INSPECTION.
2/27/2020	2020-0034	Henry St.	160-159	8"	245	TV INSPECTION.

BILLS AND EXPENDITURES:

Motion made by Mr. Van Meter, seconded by Mr. Mingin that all bills and expenditures be paid carried.

PUBLIC PORTION (INFORMATIONAL)

Chairman Horton opened Public Portion (Informational.)

In seeing no members of the Public wishing to speak, motion made by Mr. Van Meter and Mr. Mingin to close Public Portion (Informational) carried.

There being no further business to attend to, motion made by Mr. Van Meter and Mr. Mingin that the meeting be adjourned, and so declared by Chairman Horton.


Susan M. Dydek, RMC
Authority Secretary

