

Monday Afternoon  
 Riverside, NJ  
 March 14, 2022  
**Regular Meeting**  
 4:40pm

**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 Township Administrative Office Building on February 16, 2022.
- 2) Written notice was delivered to the Burlington County Times and the Courier Post on February 16, 2022.
- 3) Filed written notice with the Clerk of the Township of Riverside on February 16, 2022.

The Regular Meeting of the Riverside Sewerage Authority was held at the Riverside Township Municipal Building.

**FLAG SALUTE:**

Chairman Horton led the Flag Salute.

**ROLL CALL:**

Mr. Mingin – present, Mr. Giovanetti– present, Mr. George Conard – not in attendance, Mr. Van Meter – present, Mr. Horton – present.

Also present: Authority Secretary Susan M. Dydek, Authority, Treasurer Meghan Jack and Superintendent Joseph Bader, Engineer Hugh Dougherty and Auditor Brent Lee.

**RESOLUTION:**

None.

**APPROVAL OF MINUTES:**

**Motion made by Mr. Giovanetti, seconded by Mr. Mingin that the minutes of the Reorganization Meeting of February 15, 2022 and the Regular Meeting of February 15, 2022 be approved carried.**

**PUBLIC PORTION – (TECHNICAL):**

- 1) Junior Lemes – 130 Kossuth Street – Connection approval. Plumber Frank Reale was present and submitted drawings to the Authority Members and explained the connection process. There will be two (2) connections. Currently, there are no sewer lines on the property.

In seeing no additional members of the Public wishing to speak, Public Portion (Technical) was unanimously closed.

**OLD BUSINESS:**

- 1) Voluntary Early Retirement Incentive Plan – **Motion made by Mr. Giovanetti, seconded by Mr. Mingin to approve the Voluntary Early Retirement Incentive Plan carried.**
- 2) Emergency Repair Contract – The Authority Members agreed to save this item for Budget time and the Authority will continue emergency repairs as done in the past.

**NEW BUSINESS:**

- 1) Shah Mittal – 151 N. Fairview Street – Check main. Vent overflowing. New sewer line installed 2 months ago.
- 2) Dave Unley – 422 Delaware Avenue – Sewer back-up.
- 3) Neighbor of 307 Delaware Avenue – Sewer and paper coming out of cap on the curb line.
- 4) (No name) – 375 Carroll Street – Sewerage, paper products etc. coming out of cap on curb line.
- 5) (No name) – 30 Webster Street – Check main. Vent overflowing.

**CORRESPONDENCE:**

None.

**REPORTS:****PLANT:**

Mr. Conard was not in attendance.

**APPEALS**

Mr. Mingin had no report.

**REVENUE AND FINANCE:**

Mr. Giovanetti had no report.

**STREETS:**

Mr. Van Meter reported that 2973 feet of line maintenance was performed.

**INSPECTIONS:**

Mr. Horton had no report.

**SUPERINTENDENT'S REPORT:**

Superintendent Bader reported that the Primary Clarifier is back online however, this needs to be replaced. The Hot Water Recirculation Pump for the boiler used to heat the Primary Digester Sludge needs repair. The sludge needs to be maintained at a certain temperature in order to be treated. Four Quarters Plumbing was contacted to give a quote. Carter Pump #1 was removed from service for repairs. Willier was contacted to perform the repairs. An emergent condition still exists at the Hooker Street Pump Station. The parts for the Pneumatic Ejector Controller are delayed by six (6) weeks. The PLC Controller for the Belt Filter Press failed. The failure prohibits the treatment of the Plant's sludge.

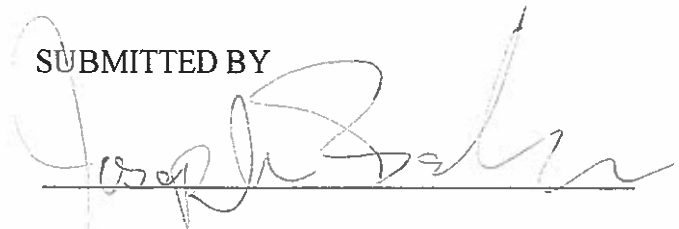
**RIVERSIDE SEWERAGE AUTHORITY  
PLANT OPERATOR'S REPORT  
AUTHORITY MEETING – March 14, 2022**

1. The Plant Performance Summary for January, 2022 is attached for review. There were no noncompliance violations during this reporting period. The Residuals [Sludge] Management Summary for January, 2022 is also attached for review. Dewatered sludge [yds] were removed by the Seaside Waste Services for composting at the County facility.
  2. The Trouble Log Summary for February, 2022 is attached for review.  
  
No Properties were reported to the NJDEP for a lateral vent overflow this reporting period.
  3. The Line Maintenance Summary for February, 2022 attached for review.
  4. No measurements were taking for the Secondary Digester Cover tilt during 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. The Property owner for 151 North Fairview Street suspected a connection issue with their lateral connection to RSA's Collection System. An TV inspection of the collection main revealed the lateral issues are the Property Owners responsibility.
  6. The PLC controller for the Belt Filter Press failed. This failure prohibits the treatment of the Plant's sludge. Komline-Sanderson was contacted to perform the repairs. The controller required a complete replacement because the controller was obsolete.
  7. Primary Clarifier #1 has been returned to service. The NJDEP case # is 220116102843. The clarifier is now operating as designed.
  8. Carter Pump # 1 was removed from service for repairs. Willier was contacted to perform the repairs. The pump remains out of service as of the writing of this report.
  9. An Emergency Condition still exists at the Hooker Street Pump Station. The parts for the Pneumatic Ejector Controller have been delayed. The station pumps are operating, but not as designed.
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10. The Primary Digester was returned to service. The NJDEP case number is 210412130218.
  11. The Hot Water Recirculation Pump for the Boiler used to heat the Primary Digester Sludge is in need of repair. To treat the sludge in the Primary Digester properly, the sludge needs to be maintained in a certain temperature range. Four Quarters Plumbing was contacted.
  12. Willier was contacted to investigate a Water Seal Leak alarm issue with Submersible Pump #1 at the Metal Works Pump Station. Repairs have not been completed as of the writing of this report.

**RIVERSIDE SEWERAGE AUTHORITY  
PLANT OPERATOR'S REPORT  
AUTHORITY MEETING - March 14, 2022**

13. Sand Filter # 1 has been removed from service for inspection and maintenance. The NJDEP Case # is 211108074550.

SUBMITTED BY

A handwritten signature in black ink, appearing to read "Joseph G. Bader", is written over a horizontal line.

JOSEPH G. BADER  
SUPERINTENDENT

## PLANT PERFORMANCE SUMMARY

January-21

PARAMETER	PERMIT	REPORTED	PARAMETER	PERMIT	REPORTED
FLOW, INFLUENT			NITRATE {AS N}, EFFLUENT		
Monthly Avg	Report	0.689 MGD	1 / 6 months		
Daily Maximum	Report	0.807 MGD	Mon Avg Conc	Report	21.30 MG/L
FLOW, EFFLUENT			Daily Max Conc	Report	21.30 MG/L
Monthly Avg	Report	0.671 MGD	E. COLI		
Daily Maximum	Report	0.771 MGD	Monthly Avg	Report	48.00 /100ML
5 DAY BOD, INFLUENT			Instant Max	Report	72.00 /100ML
Mon Avg Conc	Report	248.00 MG/L	FECAL COLIFORM, EFFLUENT		
Weekly Avg Conc	Report	386.00 MG/L	Require Reuse Only		
5 DAY BOD, EFFLUENT			Monthly Avg	200/100ML	573.57 /100ML
Mon Avg Loading	98 KG/D	38.61 KG/D	Weekly Avg	400/100ML	2419.00 /100ML
Weekly Avg Loading	147 KG/D	50.21 KG/D	BIOASSAY, EFFLUENT		
Mon Avg Conc	30 MG/L	14.80 MG/L	LC50 96 hr Acute	50	%
Weekly Avg Conc	45 MG/L	18.50 MG/L	IC25 7 day Chronic	Report	%
5 DAY BOD REMOVAL EFFICIENCY			CHLORINE PRODUCED OXIDANTS, EFFLUENT		
Mon Avg Minimum	88.5	95.30 %	Mon Avg Conc	Report	1.40 MG/L
pH, INFLUENT			Daily Max Conc	Report	1.50 MG/L
Minimum	Report	7.02 S.U.	TEMPERATURE, INFLUENT		
Maximum	Report	7.69 S.U.	Minimum	Report	10.2 DEG C
pH, EFFLUENT			Monthly Avg	Report	14.1 DEG C
Minimum	6.00 S.U.	6.21 S.U.	Maximum	Report	16.3 DEG C
Maximum	9.00 S.U.	7.00 S.U.	TEMPERATURE, EFFLUENT		
TOTAL SUSP SOLIDS, INFLUENT			Minimum	Report	7.8 DEG C
Mon Avg Conc	Report	169.0 MG/L	Monthly Avg	Report	11.7 DEG C
Weekly Avg Conc	Report	280.0 MG/L	Maximum	Report	16.8 DEG C
TOTAL SUSP SOLIDS, EFFLUENT			DISSOLVED OXYGEN, EFFLUENT		
Mon Avg Loading	113 KG/D	50.89 KG/D	Wkly Avg Conc [Min]	4.0 MG/L	4.23 MG/L
Weekly Avg Loading	170 KG/D	52.94 KG/D	PHOSPHOROUS, EFFLUENT		
Mon Avg Conc	30 MG/L	20.67 MG/L	1 / month		
Weekly Avg Conc	45 MG/L	23.00 MG/L	Mon Avg Conc	Report	0 MG/L
TOTAL SUSP SOLIDS REMOVAL EFFICIENCY			Weekly Avg Conc	Report	0 MG/L
Mon Avg Minimum	85	87.77 %	COPPER, EFFLUENT		
OIL&GREASE, EFFLUENT			Quarterly only		
Mon Avg Conc	10 MG/L	Code=N MG/L	Mon Avg Conc	Report	Code=n MG/L
Daily Max Conc	15 MG/L	Code=N MG/L	Daily Max Conc	Report	Code=n MG/L
AMMONIA NITROGEN (NOV-APR), EFFLUENT			Total Dissolved Solids	Effluent	1/month
Mon Avg Loading	75.7 KG/D	26.10 KG/D	Mon Avg Conc	Report	404.0 MG/L
Daily Max Loading	151.4 KG/D	31.54 KG/D	Daily Max Conc	Report	404.0 MG/L
Mon Avg Conc	20 MG/L	10.15 MG/L			
Daily Max Conc	40 MG/L	12.40 MG/L			

IC25 Chronic	Required	Semi-	Annually
LC50 Acute	Required		Annually
Nirate	Required	Semi-	Annually
Copper	Required		Quarterly
Zinc	Required		Quarterly
Code = N	Not Required This Monitoring Period		

## RESIDUALS MANAGEMENT SUMMARY

January-21

SLUDGE PRODUCED			RAW SLUDGE		
Total Gallons		gal	% Total Solids, minimum	1.1	%
Average Gallons/Day	0	gpd	% Total Solids, average	0.0	%
Total Dry Tons	0	dt	% Total Solids, maximum	0.0	%
Average Dry Tons/ Day	0	dt/d	% Total Volatile Solids, minimum	73.9	%
Total Metric Tons	0	mt	% Total Volatile Solids, average	0	%
Average Metric Tons/Day	0	mt/d	% Total Volatile Solids, maximum	0	%
			pH minimum	0	s.u.
			pH maximum	0	s.u.
LIQUID SLUDGE REMOVED					
Total Gallons		gal	sludge sample temperature, min	0	C
Average Gallons/Day	0	gpd	sludge sample temperature, avg	0.0	C
Total Dry Tons	N.R.	dt	sludge sample temperature, max	0	C
Average Dry Tons/ Day	N.R.	dt/d			
Total Metric Tons	N.R.	mt	PRIMARY DIGESTER SLUDGE		
Average Metric Tons/Day	N.R.	mt/d	% Total Solids, minimum	0	%
% Total Solids, Minimum	N.R.	%	% Total Solids, average	0	%
% Total Solids, Average	N.R.	%	% Total Solids, maximum	0	%
% Total Solids, Maximum	N.R.	%	% Total Volatile Solids, minimum	0	%
pH, Minimum	N.R.	s.u.	% Total Volatile Solids, average	0	%
pH, Maximum	N.R.	s.u.	% Total Volatile Solids, maximum	0	%
			pH minimum	0	s.u.
			pH maximum	0	s.u.
DEWATERED SLUDGE REMOVED					
Total Gallons to Belt Press		gal	sludge sample temperature, min	0	C
Average Gallons/Day		gpd	sludge sample temperature, avg	0.0	C
% Total Solids, minimum	0	%	sludge sample temperature, max	0	C
% Total Solids, average	0	%			
% Total Solids, maximum	0	%	SECONDARY DIGESTER SLUDGE		
% Total Volatile Solids, minimum	50.00	%	% Total Solids, minimum	14.3	%
% Total Volatile Solids, average	0.00	%	% Total Solids, average	0	%
% Total Volatile Solids, maximum	0.00	%	% Total Solids, maximum	0	%
Total Wet Cubic Yards Removed	13	cu yd	% Total Volatile Solids, minimum	75.5	%
Average Wet Cubic yards/day	0.00	cy/d	% Total Volatile Solids, average	0	%
Total Dry Tons	0	dt	% Total Volatile Solids, maximum	0	%
Average Dry Tons/ Day	0	dt/d	pH minimum	0	s.u.
Total Metric Tons	0	mt	pH maximum	0	s.u.
Average Metric Tons/Day	0	mt/d	sludge sample temperature, min	0	C
			sludge sample temperature, avg	0	C
			sludge sample temperature, max	0	C
OPERATIONS					
Heat Exchange, Temp In, min	120.0	°F	VOLATILE SOLIDS REDUCTION		
Heat Exchange, Temp In, avg	0.0	°F	Raw to Secondary Digester, minimum		%
Heat Exchange, Temp In, max	0.0	°F	Raw to Secondary Digester, average		%
Heat Exchange, Temp Out, min	110.0	°F	Raw to Secondary Digester, maximum		%
Heat Exchange, Temp Out, avg	0.0	°F			
Heat Exchange, Temp Out, max	0.0	°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

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

## February 2022 Trouble Log Summary

<b>Date</b>	<b>Report #</b>	<b>Address</b>	<b>Condition(s) Reported</b>	<b>Condition(s) Found</b>	<b>Disposition</b>
2/2/2022	2022-013	23 E. WASHINGTON STREET	Slow/no drainage	Main clear	Notified owner/tenant
2/14/2022	2022-014	BRIDGEBORO STREET	Slow/no drainage	Main slow	Flush/vac/root cut sewer main
2/16/2022	2022-015	151 N. FAIRVIEW STREET	Backflow into property	Main clear	Notified owner/tenant
2/17/2022	2022-016	4 N. CHESTER AVENUE	Backflow into property	Main clear	Notified owner/tenant
2/23/2022	2022-017	300 KOSSUTH STREET	Backflow into property	Main clear	Notified owner/tenant
2/26/2022	2022-018	408 LIPPINCOTT AVENUE	Backflow into property	Main clear	Notified owner/tenant

## February 2022 Line Maintenance Summary

<b>Date</b>	<b>Report #</b>	<b>Location</b>	<b>Section</b>	<b>Diameter</b>	<b>Distance</b>	<b>Remarks</b>
2/1/2022	2022-0001	New Jersey Ave.	342-343	12"	383	JET/VAC
2/1/2022	2022-0002	New Jersey Ave.	341-342	12"	357	JET/VAC
2/2/2022	2022-0003	New Jersey Ave.	340-341	12"	357	JET/VAC
2/2/2022	2022-0004	New Jersey Ave.	343-344	12"	395	JET/VAC
2/4/2022	2022-0005	Pulaski Ave.	26-25	8"	285	JET/VAC
2/10/2022	2022-0006	New Jersey Ave.	339-340	15"	357	JET/VAC
2/10/2022	2022-0007	New Jersey Ave.	338-339	15"	355	JET/VAC
2/14/2022	2022-0008	Bridgeboro St.	117-139	8"	269	JET/VAC
2/21/2022	2022-0009	Fairview St. North	39-429	20"	215	TV INSPECTION



Komline-Sanderson was contacted to perform the repairs. The controller required a complete replacement because the control is obsolete.

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

**ENGINEER'S REPORT:**

The Engineer's Report was distributed. There were no questions or concerns presented.

Motion made by Mr. Giovanetti, seconded by Mr. Mingin to accept the Engineer's Report as read, carried.

**MONTHLY FINANCIAL REPORT:**

Treasurer Jack reported that the Auditor will be at the office next week.

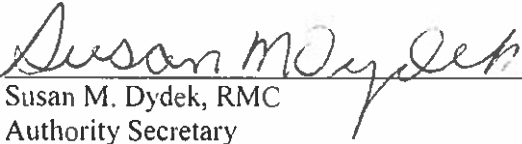
**BILLS AND EXPENDITURES:**

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

**PUBLIC PORTION (INFORMATIONAL)**

In seeing that no members of the public were present, motion made by Mr. Giovanetti and Mr. Mingin that Public Portion (Informational) be closed carried.

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

  
Susan M. Dydek, RMC  
Authority Secretary

