

Monday Afternoon
Riverside, NJ
January 11, 2021
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 Riverside Township Administrative Office Building on January 6, 2021.
2. Written notice was delivered to the Burlington County Times and the Courier Post on January 6, 2021.
3. Filed written notice with the Clerk of the Township of Riverside on January 6, 2021.

ROLL CALL:

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

Also present: Authority Secretary Susan M. Dydek, Superintendent Joseph Bader and Treasurer Meghan Jack.

RESOLUTION:

None.

APPROVAL OF MINUTES:

Motion made by Mr. Mingin, seconded by Mr. Conard that the minutes of the Work Session Teleconference Meeting of December 14, 2020 and the Regular Teleconference Meeting of December 14, 2020 be approved as written. Upon roll call the vote was as follow: Ayes – Messrs. Giovanetti, Mingin, Conard and Horton. Nays – None. Abstain – Van Meter. Motion carried.

PUBLIC PORTION – (TECHNICAL):

In hearing no members of the Public present, wishing to speak, **motion made by Messrs. Giovanetti and Mingin that Public Portion (Technical) be closed carried.**

OLD BUSINESS:

None.

NEW BUSINESS:

- 1) Ghuman Enterprises (Dalwinder Ghuman) – 416 Fairview Street - Appeal – Requesting to convert 1 commercial and 1 residence to a 1 single family Residence. Mr. Conard questioned if there are two (2) laterals at this location? Chairman Horton said that he believes that there is only one (1) lateral. Superintendent Bader questioned if there are two (2) laterals, where would the disconnection occur since this is a County Road? Treasurer Jack reported that the same procedures would occur but the Street Opening Permit would need to be obtained from the County. **Motion made by Mr. Mingin and Mr. Giovanetti to approve Dalwinder Ghuman's request carried.**
- 2) 500 Lippincott Ave – sewer problem.
- 3) 2021 RFP/RFQ received.
- 4) Authorization for the Authority Secretary to advertise and receive RFPs/RFQs for the position of Authority Attorney. **Mr. Van Meter made a motion authorizing the Authority Secretary to advertise and receive RFPs/RFQs for the position of Authority Attorney, seconded by Mr. Mingin carried.**

CORRESPONDENCE:

- 1) NJ MEL – Employment Practices Lawsuit Online Course.

REPORTS:**PLANT:**

Mr. Conard reported that everything is satisfactory.

APPEALS

Mr. Mingin reported that everything is good.

REVENUE AND FINANCE:

Mr. Giovanetti had no report.

STREETS:

Mr. Van Meter had no report.

INSPECTIONS:

Mr. Horton had no report.

SUPERINTENDENT'S REPORT:

Superintendent Bader reported that the gas line has been finished by M&N Construction.

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

ENGINEER'S REPORT:

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

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

MONTHLY FINANCIAL REPORT:

Treasurer Jack had no report.

BILLS AND EXPENDITURES:

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

PUBLIC PORTION (INFORMATIONAL)

In hearing that no members of the public wishing to speak, **motion made by Mr. Mingin and Mr. Van Meter that Public Portion (Informational) be closed carried.**

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


Susan M. Dydek, RMC
Authority Secretary

**RIVERSIDE SEWERAGE AUTHORITY
PLANT OPERATOR'S REPORT
AUTHORITY MEETING – January 11, 2020**

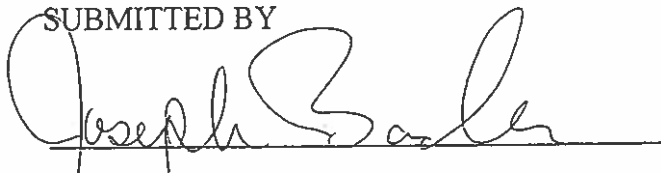
- 1. The Plant Performance Summary for November, 2020 is attached for review. There were no violations during this reporting period. The Residuals [Sludge] Management Summary for November, 2020 is also attached for review. Dewatered sludge [25 yds] was removed by the Woolston Company for composting at the County facility.
- 2. The Trouble Log Summary for December, 2020 is attached for review.

No Properties were reported to the NJDEP for a lateral vent overflow this reporting period.
- 3. There is no Line Maintenance Summary for December, 2020 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 calibration of the Influent Flow Meter by Universal Instruments Service Company has been delayed due to the Covid-19 Quarantine.
- 6. The installation of the 75 kW Generator has been completed. M&N Associates has completed the installation of the new gas line servicing the 75 kW. Waiting on Cummings Representative to certify installation.
- 7. Trickling Filter Recirculation Pump #2 was removed from service for repairs. Willier will perform the repairs.
- 8. Willier Electric was onsite to troubleshoot the alternation issue with the Air Compressors for the Sand Filters. The alternation system is now obsolete and the repair parts aren't available. [Quotations on an updated system were requested, but weren't received before the writing of this report].
- 9. Grit Chamber #1 was removed from service. NJDEP Case # 201021140220. The Comminutor before the grit chamber requires repairs. The part is proprietary to the Franklin Miller Comminutor. The part was received January 8, 2021. Installation will begin shortly.
- 10. The Sand Filter # 3 remains out of service for inspection and maintenance. The NJDEP Case # is 200427184535.
- 11. The SCADA system isn't operating as designed. Contech is troubleshooting the Building 6 computer.

**RIVERSIDE SEWERAGE AUTHORITY
PLANT OPERATOR'S REPORT
AUTHORITY MEETING - January 11, 2020**

SUBMITTED BY

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

JOSEPH G. BADER
SUPERINTENDENT

PLANT PERFORMANCE SUMMARY

Nov-20

PARAMETER	PERMIT	REPORTED	PARAMETER	PERMIT	REPORTED
FLOW, INFLUENT			NITRATE (AS N), EFFLUENT		
Monthly Avg	Report	0.85 MGD	Mon Avg Conc	Report	Code = N MG/L
Daily Maximum	Report	1.05 MGD	Daily Max Conc	Report	0 MG/L
FLOW, EFFLUENT			E. COLI		
Monthly Avg	Report	0.778 MGD	Monthly Avg	Report	1.82 /100ML
Daily Maximum	Report	0.889 MGD	Instant Max	Report	6 /100ML
5 DAY BOD, INFLUENT			FECAL COLIFORM, EFFLUENT		
Mon Avg Conc	Report	120.7 MG/L	Monthly Avg	200/100ML	2 /100ML
Weekly Avg Conc	Report	130.0 MG/L	Weekly Avg	400/100ML	2 /100ML
5 DAY BOD, EFFLUENT			BIOASSAY, EFFLUENT		
Mon Avg Loading	98 KG/D	18.63 KG/D	LC50 96 hr Acute	0.5	Code = N %
Weekly Avg Loading	147 KG/D	19.28 KG/D	IC25 7 day Chronic	Report	Code = N %
Mon Avg Conc	30 MG/L	6.67 MG/L	CHLORINE PRODUCED OXIDANTS, EFFLUENT		
Weekly Avg Conc	45 MG/L	6.8 MG/L	Mon Avg Conc	Report	0.03 MG/L
5 DAY BOD REMOVAL EFFICIENCY			Daily Max Conc	Report	0.03 MG/L
Mon Avg Minimum	88.5	94.43 %	TEMPERATURE, INFLUENT		
pH, INFLUENT			Minimum	Report	17.1 DEG C
Minimum	Report	7.15 S.U.	Monthly Avg	Report	18.4 DEG C
Maximum	Report	7.52 S.U.	Maximum	Report	19.7 DEG C
pH, EFFLUENT			TEMPERATURE, EFFLUENT		
Minimum	6.00 S.U.	0 S.U.	Minimum	Report	14.6 DEG C
Maximum	9.00 S.U.	0 S.U.	Monthly Avg	Report	17.56 DEG C
TOTAL SUSP SOLIDS, INFLUENT			Maximum	Report	20.2 DEG C
Mon Avg Conc	Report	105.0 MG/L	DISSOLVED OXYGEN, EFFLUENT		
Weekly Avg Conc	Report	278.0 MG/L	Mon Avg Conc	Report	6.55 MG/L
TOTAL SUSP SOLIDS, EFFLUENT			Minimum	4.0 MG/L	5.52 MG/L
Mon Avg Loading	113 KG/D	28.8 KG/D	PHOSPHOROUS, EFFLUENT		
Weekly Avg Loading	170 KG/D	29.6 KG/D	Mon Avg Conc	Report	4.2 MG/L
Mon Avg Conc	30 MG/L	10.3 MG/L	Weekly Avg Conc	Report	4.2 MG/L
Weekly Avg Conc	45 MG/L	11.0 MG/L	COPPER, EFFLUENT		
TOTAL SUSP SOLIDS REMOVAL EFFICIENCY			Mon Avg Conc	Report	0.044 MG/L
Mon Avg Minimum	85	93.82 %	Daily Max Conc	Report	0.044 MG/L
OIL&GREASE, EFFLUENT			ZINC, EFFLUENT		
Mon Avg Conc	10 MG/L	1.2 MG/L	Mon Avg Conc	Report	0.200 MG/L
Daily Max Conc	15 MG/L	1.2 MG/L	Daily Max Conc	Report	0.200 MG/L
AMMONIA NITROGEN (NOV-APR), EFFLUENT			Total Dissolved Solids	Effluent	1/month
Mon Avg Loading	75.7 KG/D	1.19 KG/D	Mon Avg Conc	Report	363 MG/L
Daily Max Loading	151.4 KG/D	1.70 KG/D	Daily Max Conc	Report	363 MG/L
Mon Avg Conc	20 MG/L	0.43 MG/L	Mon Avg Conc	Report	KG/D
Daily Max Conc	40 MG/L	0.63 MG/L	Daily Max Conc	Report	KG/D

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

RESIDUALS MANAGEMENT SUMMARY

Nov-20

SLUDGE PRODUCED			RAW SLUDGE		
Total Gallons to Belt Press	0	gal	% Total Solids, minimum	2.3	%
Average Gallons/Day	0	gpd	% Total Solids, average	2.87	%
Dry Metric Tons Per Month		dt	% Total Solids, maximum	3.7	%
Average Dry Tons/ Day		dt/d	% Total Volatile Solids, minimum	70.4	%
Total Wet Metric Tons		mt	% Total Volatile Solids, average	77.63	%
Average Wet Metric Tons per Day		mt/d	% Total Volatile Solids, maximum	81.5	%
Total Wet Cu yard per month		wmt	pH minimum	5.17	s.u.
LIQUID SLUDGE REMOVED			pH maximum	6.81	s.u.
Total Gallons	0	gal	sludge sample temperature, min	17.8	C
Average Gallons/Day	0	gpd	sludge sample temperature, avg	18.65	C
Total Dry Tons	N.R.	dt	sludge sample temperature, max	20.2	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	0.7	%
% Total Solids, Minimum		%	% Total Solids, average	0.8	%
% Total Solids, Average		%	% Total Solids, maximum	0.9	%
% Total Solids, Maximum		%	% Total Volatile Solids, minimum	69.2	%
pH, Minimum		s.u.	% Total Volatile Solids, average	73.7	%
pH, Maximum		s.u.	% Total Volatile Solids, maximum	76.9	%
			pH minimum	6.637	s.u.
DEWATERED SLUDGE REMOVED			pH maximum	6.98	s.u.
Total Gallons to Belt Press		gal	sludge sample temperature, min	25.1	C
Average Gallons/Day		gpd	sludge sample temperature, avg	28.12	C
% Total Solids, minimum	17.3	%	sludge sample temperature, max	32	C
% Total Solids, average	18.5	%			
% Total Solids, maximum	19.2	%	SECONDARY DIGESTER SLUDGE		
% Total Volatile Solids, minimum	73.1	%	% Total Solids, minimum	3.3	%
% Total Volatile Solids, average	74.27	%	% Total Solids, average	3.57	%
% Total Volatile Solids, maximum	74.9	%	% Total Solids, maximum	3.8	%
Total Wet Cu yard per month	25	cu yd	% Total Volatile Solids, minimum	73.2	%
Average Wet Cu yards per day	0.83	cy/d	% Total Volatile Solids, average	74.27	%
Total Dry Tons	NR	dt	% Total Volatile Solids, maximum	75	%
Average Dry Tons/ Day	NR	dt/d	pH minimum	6.79	s.u.
Total Dry Metric Tons		mt	pH maximum	6.79	s.u.
Average Dry Metric Tons per Day		mt/d	sludge sample temperature, min	18.3	C
			sludge sample temperature, avg	18.3	C
OPERATIONS			sludge sample temperature, max	18.3	C
Heat Exchange, Temp In, min	88.0	F	VOLATILE SOLIDS REDUCTION		
Heat Exchange, Temp In, avg	93.1	F	Raw to Secondary Digester, minimum	40.66	%
Heat Exchange, Temp In, max	98.0	F	Raw to Secondary Digester, average	48.93	%
Heat Exchange, Temp Out, min	88.0	F	Raw to Secondary Digester, maximum	53.28	%
Heat Exchange, Temp Out, avg	93.0	F			
Heat Exchange, Temp Out, max	98.0	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

O.O.S. = Out Of Service

R.T.S. = Return To Service

N.I.S. = Not In Service

December 2020 Trouble Log Summary

<i>Date</i>	<i>Report #</i>	<i>Address</i>	<i>Condition(s) Reported</i>	<i>Condition(s) Found</i>	<i>Disposition</i>
12/7/2020	2020-126	240 CARROLL STREET	Backflow into property	Main slow	Flush/vac/root cut sewer main
12/9/2020	2020-127	112 NORTH FAIRVIEW STREET	Vent overflow	Main clear	Notified owner/tenant
12/9/2020	2020-128	240 CARROLL STREET	Backflow into property	Main slow	Flush/vac/root cut sewer main
12/10/2020	2020-129	405 SECOND STREET	Backflow into property	Main clear	Notified owner/tenant
12/15/2020	2020-130	100 BLOCK LAFAYETTE STREET	Line inspection	Main slow	Flush/vac/root cut sewer main
12/21/2020	2020-131	600 BLOCK BEM STREET	Line inspection	Main slow	Flush/vac/root cut sewer main
12/23/2020	2020-132	503 LIPPINCOTT	Backflow into property	Main clear	Notified owner/tenant
12/24/2020	2020-133	27 EAST WASHINGTON STREET	Backflow into property	Main clear	Notified owner/tenant
12/28/2020	2020-134	EIGHTH ST. & RANCOCAS AVE.	Line Maintenance	Main slow	Flush/vac/root cut sewer main
12/30/2020	2020-135	500 LIPPINCOTT AVENUE	Backflow into property	Main clear	Notified owner/tenant
12/30/2020	2020-136	245 HOOKER STREET	Backflow into property	Main slow	Flush/vac/root cut sewer main