

Monday Afternoon
Riverside, NJ
January 13, 2025
Regular Meeting
4:34pm

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 20, 2024.
- 2) Written notice was delivered to the Burlington County Times and the Courier Post on February 20, 2024.
- 3) Filed written notice with the Clerk of the Township of Riverside on February 20, 2024.

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

FLAG SALUTE:

Chairman Giovanetti led the Flag Salute.

ROLL CALL:

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

Also present: Secretary Susan M. Dydek, Assistant Secretary/Treasurer Meghan Jack, Superintendent Jeffrey Conard, Attorney Albert Marmero, Special Projects Engineer Benjamin Weller and Dave Levitt from Glasco UV.

UV DISINFECTION LIGHT INSTALLATION AND OPERATION.

Superintendent Conard said that the UV System was installed in May of 2024. In the beginning after the system was installed, it was consistent for a couple of weeks. After that, the readings have been inconsistent. Two (2) samples were recently sent out for testing. Their results were over 1200.

Dave Levitt explained that seventy percent (70%) of the time the high numbers are from the sampling process which is not the case in this situation. Solids cast a shadow and the system cannot kill the bugs. This occurs eighty percent (80 %) of the time. This is not the problem. Mr. Levitt further explained the hydraulics. There is a 4 inch diameter from the lamp that disinfects the water which is about 1.5 below the lamp. The weir was crooked and the water was 2.5

inches below the top lamp. A platform was built to raise everything up. This is ninety-five percent (95%) of the problem. The lamps produce a lot of heat. It will cause the quartz to foul. This did not solve the problem. There are only two (2) things left that could be causing the problem. One of the causes could be the lightning strike that occurred. All of the lamps were not replaced. A validation of lamps is being done. This will give a study of the lamp processing. After this, Glasco will circle back and look at the solids and the hydraulics. Mr. Levitt further explained that the days that the tanks are cleaned releases a lot of solids. Testing should not be done on these days. Superintendent Conard confirmed that the testing is not done on these days. The screens that were placed are also raising the water. Don't do testing on these days. Superintendent Conard confirmed that the testing is not done on these days. Superintendent Conard said that the screen is cleaned daily and this has never been an issue. Paul (plant employee) cleans it and cleans the wipers. Mr. Levitt stated that he would like to schedule time to look into the channel to see if the walls are bowed and said that the Engineer is looking into a W filter.

Chairman Giovanetti said that the Authority paid a lot of money for the system and that it is very important to have it work correctly. The Authority had a temporary system that worked fine.

Superintendent Conard said that all of the employees at Glasco have been very helpful except for Julie.

Engineer Benjamin Weller reported that this is tied into the flow meter, it is flow paced and turning it down at night when not needed to reduce fouling.

Mr. Levitt left the meeting.

Attorney Marmero said that the Authority should continue to monitor the process for a legal stand point.

APPROVAL OF MINUTES:

Motion made by Mr. Van Meter, seconded by Mr. Horton that the minutes of the Work Session Meeting of December 9, 2024, the Regular Meeting of December 9, 2024 and the Closed Session Meeting of December 9, 2024 be approved. Upon roll call the vote was as follows: Ayes – Messrs. Conard, Giovanetti, Horton, Mingin and Van Meter. Nays – None. Abstain – None. Absent – None. Motion carried.

Engineer Benjamin Weller left the meeting.

PUBLIC PORTION – (TECHNICAL):

In seeing no members of the Public wishing to speak, motion to close the Public Portion – Technical was made by Mr. Conard, seconded by Mr. Horton carried.

ACTION ITEM:

- 1) Authorization to adopt an OSHA Handbook and Associated Policies as is required from time to time by the State of New Jersey's Office of Public Employees' Occupational Safety and Health **approved on motion from Mr. Horton, seconded by Mr. Mingin carried.**
- 2) Authorization to approve a five (5) year contract with the Riverside Sewerage Authority Plant Employees (Non-Managerial) retroactive to January 1, 2025 **approved on motion from Mr. Van Meter, seconded by Mr. Conard carried.**

OLD BUSINESS:

None.

NEW BUSINESS:

- 1) Margaret Gaskins – 702 Bem Street – Vent overflowing.
- 2) Ashley Bordo – 201 Lippincott Avenue – Vent overflowing.
- 3) Amber Galarza – 505 Delaware Avenue – Vent overflowing.
- 4) Manuel Arevalo – 29 Whittaker Street – Sewerage backing up into street.

Superintendent Conard reported that the properties above have been remediated.

CORRESPONDENCE:

None.

REPORTS:**PLANT:**

Mr. Giovanetti reported that the Glasco representative gave a report earlier in the meeting.

APPEALS

Mr. Mingin reported that everything is good.

REVENUE AND FINANCE:

Mr. Horton reported that the bills and rate increase information will be sent out.

STREETS:

Mr. Van Meter had no report.

INSPECTIONS:

Mr. Conard had no report.

SUPERINTENDENT'S REPORT:

Superintendent Conard reported that the PEOSH inspection was done in November 2024 and all of the citations have been abated. Glasco has been at the plant making adjustments to the UV System. The Superintendent has spoken with several different vendors to replace the existing heating system in the garage and has not received any quotes. Building six (6) is now having heater problems. Treasurer Jack questioned if the Authority wanted her to reach out to Burin Heating and Cooling? The Authority answered in the affirmative. Superintendent Conard reported that John Stypinski installed the new connection at 262 Progress Street. Treasurer Jack reported that this property is not being charged as of yet since there is no water connection. Superintendent Conard further reported that Delran Township ran into some complications at a Delran property while using our camera truck. Chairman Giovanetti questioned who were the technicians? Superintendent Conard said that Delran Township Employees were the technicians who were using the truck. There was a brief discussion regarding possible charging Delran Township for using the truck.

Superintendent Conard said that he promoted Paul Husband to Foreperson. **Motion made by Mr. Conard, seconded by Mr. Mingin appointing Paul Husband to Foreperson retroactive back to January 1, 2025 carried.**

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

ENGINEER'S REPORT:

The Engineer's Report was distributed. No comments or concerns were presented.

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

MONTHLY FINANCIAL REPORT:

Treasurer Jack reported that she sent an email to Pennoni Engineer Tom Leisse and carbon copied Engineer Hugh Dougherty requesting an update regarding IBank.

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

**RIVERSIDE SEWERAGE AUTHORITY
PLANT OPERATOR'S REPORT
AUTHORITY MEETING - January 13, 2025**

1. The Plant Performance Summary for November, 2024 is attached for review. There was a noncompliance violation during this reporting period with the E-coli. The Residuals [Sludge] Management Summary for November, 2024 is also attached for review. Dewatered sludge [25 yds] were removed by the Seaside Waste Services Company for composting at the County facility.
2. Trouble log for December is attached.
3. Weekly collection system checks were performed in December.
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 Primary Digester roof has been removed and is being prepped for inspection.
6. Sand Filter is out of service for repairs. Air lift was stuck and had to be removed. Municipal Maintenance sucked the sand out of the filter for the upcoming repair. They also have the damaged lift and will be making the necessary repairs. DEP Case # 24-06-07-1456-32.
7. PEOSH inspection done in November. All citations have been abated.
8. Spoke with several different vendors to replace existing heating system in garage. To date I have not received any quotes.
9. Glasco has been on location making necessary adjustments to the UV.

Respectfully Submitted,



JEFFREY M. CONARD
SUPERINTENDENT

PLANT PERFORMANCE SUMMARY

November-24

PARAMETER	PERMIT	REPORTED	PARAMETER	PERMIT	REPORTED
12 Month rolling avg. Flow Effluent			12 Moth avg. Thershold CAP Influent		
12 Month avg.	Report	0.691 MGD	Ther. CAP	Report	67.3 MGD
FLOW, INFLUENT			NITRATE (AS N), EFFLUENT 1/16 months		
Monthly Avg	Report	0.708 MGD	Mon Avg Conc	Report	20.90 MG/L
Daily Maximum	Report	0.978 MGD	Daily Max Conc	Report	20.90 MG/L
FLOW, EFFLUENT			E. COLI 2 / month		
Monthly Avg	Report	0.686 MGD	Monthly Avg	Report	118.95 /100ML
Daily Maximum	Report	0.772 MGD	Instant Max	Report	307.60 /100ML
5 DAY BOD, INFLUENT			FECAL COLIFORM, EFFLUENT Require Reuse Only		
Mon Avg Conc	Report	288.00 MG/L	Monthly Avg	200/100ML	190.00 /100ML
Weekly Avg Conc	Report	293.00 MG/L	Weekly Avg	400/100ML	190.00 /100ML
5 DAY BOD, EFFLUENT			BIOASSAY, EFFLUENT		
Mon Avg Loading	98 KG/D	48.63 KG/D	LC50 96 hr Acute	50	Code=n %
Weekly Avg Loading	147 KG/D	56.87 KG/D	IC25 7 day Chronic	Report	Code+n %
Mon Avg Conc	30 MG/L	19.73 MG/L	CHLORINE PRODUCED OXIDANTS, EFFLUENT		
Weekly Avg Conc	45 MG/L	24.00 MG/L	Mon Avg Conc	Report	0.02 MG/L
5 DAY BOD REMOVAL EFFICIENCY			Daily Max Conc	Report	0.03 MG/L
Mon Avg Minimum	88.5	93.15 %	TEMPERATURE, INFLUENT		
pH, INFLUENT			Minimum	Report	17.6 DEG C
Minimum	Report	7.18 S.U.	Monthly Avg	Report	20.0 DEG C
Maximum	Report	7.90 S.U.	Maximum	Report	21.6 DEG C
pH, EFFLUENT			TEMPERATURE, EFFLUENT		
Minimum	6.00 S.U.	6.58 S.U.	Minimum	Report	14.3 DEG C
Maximum	9.00 S.U.	7.13 S.U.	Monthly Avg	Report	18.6 DEG C
TOTAL SUSP SOLIDS, INFLUENT			Maximum	Report	21.7 DEG C
Mon Avg Conc	Report	244.0 MG/L	DISSOLVED OXYGEN, EFFLUENT		
Weekly Avg Conc	Report	306.0 MG/L	Wkly Avg Conc [Min]	4.0 MG/L	6.06 MG/L
TOTAL SUSP SOLIDS, EFFLUENT			PHOSPHOROUS, EFFLUENT 1 / month		
Mon Avg Loading	113 KG/D	40.40 KG/D	Mon Avg Conc	Report	5.9 MG/L
Weekly Avg Loading	170 KG/D	48.11 KG/D	Weekly Avg Conc	Report	5.9 MG/L
Mon Avg Conc	30 MG/L	16.33 MG/L	COPPER, EFFLUENT Quarterly only		
Weekly Avg Conc	45 MG/L	19.00 MG/L	Mon Avg Conc	Report	0.035 MG/L
TOTAL SUSP SOLIDS REMOVAL EFFICIENCY			Daily Max Conc	Report	0.035 MG/L
Mon Avg Minimum	85	93.31 %	ZINC, EFFLUENT Quarterly Only		
OIL & GREASE, EFFLUENT Quarterly			Mon Avg Conc	Report	0.11 MG/L
Mon Avg Conc	10 MG/L	3.70 MG/L	Daily Max Conc	Report	0.11 MG/L
Daily Max Conc	15 MG/L	3.70 MG/L	Total Dissolved Solids	Effluent	1/month
AMMONIA NITROGEN (NOV:APR), EFFLUENT			Mon Avg Conc	Report	428.0 MG/L
Mon Avg Loading	75.7 KG/D	20.42 KG/D	Daily Max Conc	Report	428.0 MG/L
Daily Max Loading	151.4 KG/D	31.56 KG/D	Bis(2-ethyhexyl)phthalate Quarterly only		
Mon Avg Conc	20 MG/L	7.61 MG/L	Mon Avg Conc	Report	3.00
Daily Max Conc	40 MG/L	12.50 MG/L	Daily Max Conc	Report	3.00
Ammonia Nitrogen (May-Oct.), Effluent			Asbestos FIFrous per liter 2/6 months		
Mon Avg Loading	18.8 KGD	0.00 KG/D	Mon Avg Conc	Report	Code=n Per liter
Daily Max Loading	37.9 KGD	0.00 KG/D	Daily Max Conc	Report	Code=n Per liter
Mon Avg Conc	5 mg/l	0.00 MG/L	Color	Starting July 24	1/month
Daily Max Conc	10 mg/l	0.00 MG/L	Mon Avg Conc	Report	75 cu
Copper	Required	Quarterly	IC25 Chronic	Required	Semi-Annually
Zinc	Required	Quarterly	LC50 Acute	Required	Annually
Asbestos Fifrous	Required	Semi-Annually	Bis(2-ethyhexyl)phthalate		

RESIDUALS MANAGEMENT SUMMARY

November-24

SLUDGE PRODUCED			RAW SLUDGE		
Total Gallons	0	gal	% Total Solids, minimum	4.90	%
Average Gallons/Day	0	gpd	% Total Solids, average	5.70	%
Total Dry Tons	0	dt	% Total Solids, maximum	6.50	%
Average Dry Tons/Day	0	dt/d	% Total Volatile Solids, minimum	71.30	%
Total Metric Tons	0	mt	% Total Volatile Solids, average	74.10	%
Average Metric Tons/Day	0	mt/d	% Total Volatile Solids, maximum	76.90	%
			pH minimum	5.21	s.u.
			pH maximum	6.62	s.u.
LIQUID SLUDGE REMOVED			sludge sample temperature, min	16.5	C
Total Gallons	0	gal	sludge sample temperature, avg	19.0	C
Average Gallons/Day	0	gpd	sludge sample temperature, max	21.5	C
Total Dry Tons	N.R.	dt			
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			sludge sample temperature, min	0	C
Total Gallons to Belt Press		gal	sludge sample temperature, avg	0.0	C
Average Gallons/Day		gpd	sludge sample temperature, max	0	C
% Total Solids, minimum	18.40	%			
% Total Solids, average	19.45	%			
% Total Solids, maximum	20.50	%	SECONDARY DIGESTER SLUDGE		
% Total Volatile Solids, minimum	82.70	%	% Total Solids, minimum	3.50	%
% Total Volatile Solids, average	83.25	%	% Total Solids, average	3.85	%
% Total Volatile Solids, maximum	83.80	%	% Total Solids, maximum	4.20	%
Total Wet Cubic Yards Removed	50.00	cu yd	% Total Volatile Solids, minimum	76.30	%
Average Wet Cubic yards/day	1.67	cy/d	% Total Volatile Solids, average	77.05	%
Total Dry Tons	7.68774704	dt	% Total Volatile Solids, maximum	77.80	%
Average Dry Tons/Day	0.24799184	dt/d	pH minimum	6.29	s.u.
Total Metric Tons	6.98886094	mt	pH maximum	6.52	s.u.
Average Metric Tons/Day	0.22544713	mt/d	sludge sample temperature, min	14.0	C
			sludge sample temperature, avg	16.1	C
			sludge sample temperature, max	18.5	C
OPERATIONS					
Heat Exchange, Temp In, min	0.0	°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	0.0	°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			R.T.S. = Return To Service		
N.S. = Not Sampled			N.I.S. = Not In Service		
N.W. = Not Working					

December 2024 Trouble Log Summary

Date	Report #	Address	Condition(s) Reported	Condition(s) Found	Manhole Checked	Disposition
12/1/2024	24-098	434 Bridgeboro St.	Fixture Backup/overflow	Main Clear	MH113,112	Notified owner/tenant
12/2/2024	24-099	705 Bern St.	Vent Overflow	Main Clear	MH129,128,371	Notified owner/tenant
12/2/2024	24-100	507 Taylor St.	Odor Complaint	Main Clear	MH109,110	Notified owner/tenant
12/3/2024	24-101	51 Whittaker St.	Backflow into property	Main Clear	MH436,435	Flush/vac/root cut sewer main
12/4/2024	24-102	434 Bridgeboro St.	Backflow into property	Main Clear	MH113,112	Flush/vac/root cut sewer main
12/7/2024	24-103	241 Sylvan St.	Vent Overflow	Main Slow	MH380,216,215,117,116	Flush/vac/root cut sewer main
12/9/2024	24-104	702 Bern St.	Vent Overflow	Main Clear	MH219	Notified owner/tenant
12/10/2024	24-105	732 Rancocas PI	Backflow into property	Main Clear	MH413,414	Notified owner/tenant
12/10/2024	24-106	732 Rancocas PI	Backflow into property	Main Slow	MH413,414	Flush/vac/root cut sewer main
12/11/2024	24-107	506 Heulings Ave.	Backflow into property	Main Slow	MH286,294,301,316	Flush/vac/root cut sewer main
12/27/2024	24-108	515 Moravian	Backflow into property	Debris From MH/vent overflow	Delran Twp	Flush/vac/root cut sewer main
12/27/2024	24-109	301 Cleveland Ave.	Vent Overflow	Debris From MH/vent overflow	MH318,452	Flush/vac/root cut sewer main
12/29/2024	24-110	120 Cleveland Ave.	Vent Overflow	Debris From MH/vent overflow	MH 340,450	Notified owner/tenant
12/31/2024	24-111	521 Kossouth St.	Vent Overflow	Main Clear	MH 446,97,84	Notified owner/tenant

Range of Checking Accts: 01 TD GENERAL to 01 TD GENERAL Range of Check Dates: 01/13/25 to 01/13/25
 Report Type: All Checks Report Format: Super Condensed Check Type: Computer: Y Manual: Y Dir Deposit: Y

Check #	Check Date	Vendor	Amount Paid	Reconciled/Void	Ref Num
01 TD GENERAL		General Fund			
5064	01/13/25	ALSEN005 ALS ENVIRONMENTAL	707.75		325
5065	01/13/25	ALSEN005 ALS ENVIRONMENTAL	2,184.25		325
5066	01/13/25	ALSEN005 ALS ENVIRONMENTAL	3,691.50		325
5067	01/13/25	BARTU005 BARTUK HOSE	247.37		325
5068	01/13/25	BOBST005 BOB'S TIRE SERVICE	220.00		325
5069	01/13/25	E-ZPA005 E-ZPASS	52.80		325
5070	01/13/25	EMSLA005 EMSL ANALYTICAL INC	212.00		325
5071	01/13/25	FOURQ005 FOUR QUARTERS, INC.	270.00		325
5072	01/13/25	GRAIN005 GRAINGER	793.76		325
5073	01/13/25	JEFFR010 JEFFREY M CONARD	100.00		325
5074	01/13/25	MEGHA010 MEGHAN JACK - TREASURER	300.00		325
5075	01/13/25	METLIO05 METLIFE	634.27		325
5076	01/13/25	NJAME005 N.J. AMERICAN WATER COMPANY	328.06		325
5077	01/13/25	NJUTI005 NJ UTILITY AUTHORITIES JOINT	72,590.00		325
5078	01/13/25	RIVER025 RIVERSIDE NAPA AUTO PARTS	13.49		325
5079	01/13/25	SCHWE005 SCHWERING'S	240.44		325
5080	01/13/25	SEASI005 SEASIDE WASTE SERVICES	275.00		325
5081	01/13/25	TREAS010 TREASURER, BURLINGTON COUNTY	4,257.19		325
5082	01/13/25	VERIZ010 VERIZON WIRELESS	71.27		325
5083	01/13/25	WBMA005 W B MASON CO., INC	154.52		325
5084	01/13/25	WETIM005 W E TIMMERMAN CO INC	86.06		325
5085	01/13/25	XEROX005 XEROX CORPORATION	66.74		325
5086	01/13/25	WETIM005 W E TIMMERMAN CO INC	870.00		326

Checking Account Totals	Paid	Void	Amount Paid	Amount Void
Checks:	23	0	88,366.47	0.00
Direct Deposit:	0	0	0.00	0.00
Total:	23	0	88,366.47	0.00

Report Totals	Paid	Void	Amount Paid	Amount Void
Checks:	23	0	88,366.47	0.00
Direct Deposit:	0	0	0.00	0.00
Total:	23	0	88,366.47	0.00

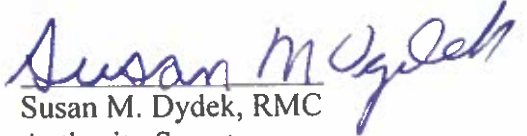
BILLS AND EXPENDITURES:

Motion made by Mr. Horton, seconded by Mr. Conard that all bills and expenditures be paid, carried.

PUBLIC PORTION (INFORMATIONAL):

In seeing that no additional members of the public wishing to speak, motion made by Mr. Horton and Mr. Conard that Public Portion (Informational) be closed carried.

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


Susan M. Dydek, RMC
Authority Secretary