

Monday Afternoon
Riverside, NJ
September 9, 2024
Regular Meeting
4:30pm

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: Assistant Secretary/Treasurer Meghan Jack and Superintendent Jeffrey Conard.

Authority Secretary Susan M. Dydek was not in attendance.

RESOLUTIONS:

None.

APPROVAL OF MINUTES:

Motion made by Mr. Conard, seconded by Mr. Horton that the minutes of the Work Session Meeting of August 12, 2024 and the Regular Meeting of August 12, 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.

PUBLIC PORTION – (TECHNICAL):

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

OLD BUSINESS:

- 1) Laboratory Assistant – This item will be discussed at budget time.

NEW BUSINESS:

- 1) Riverside Township Code Enforcement Officer – Sewer is overflowing at 317 Filmore Street. Superintendent Conard reported that this is the property owner's responsibility.
- 2) Jersua Martins – 103 E. Washington Street – Strong sewer smell. Superintendent Conard reported that this is the property owner's responsibility.

CORRESPONDENCE:

None.

REPORTS:**PLANT:**

Mr. Giovanetti reported that the Total Susp Solids Removal Efficiency, the 5 Day Bod Removal Efficiency and the E. Coli numbers were high.

APPEALS

Mr. Mingin had nothing to report.

REVENUE AND FINANCE:

Mr. Horton voiced concern over the liability issues regarding Superintendent Conard using the Sewerage Authority Vehicle to respond to fire calls. Mr. Horton questioned if the vehicle needs a red/blue light permit? Mr. Horton questioned if any vehicles can be used to respond to any towns? Mr. Horton also questioned the personal liability coverage of other individuals that may be in the vehicle. Superintendent Conard stated that he doesn't understand what Mr. Horton's issue with him and that by him responding to fire calls is benefiting the Fire Commissioners. Superintendent Conard also stated that Mr. Horton's questions are nothing but harassment and this is Mr. Horton's third issue with him using the vehicle. Superintendent Conard said that he is going to seek an Attorney for the harassment as there have never been any problems with using the vehicle before and unfortunately, the Authority will be named as Mr. Horton sits on the Authority. Superintendent Conard stated that this is all on record and that all Mr. Horton is doing is harassing him.

Treasurer Jack advised the Authority Members that there is a long-standing Response Policy of the Riverside Sewerage Authority regarding employees responding to fire calls.

STREETS:

Mr. Van Meter reported that the camera truck is now back in service.

INSPECTIONS:

Mr. Conard had nothing to report.

SUPERINTENDENT'S REPORT:

Superintendent Jeffrey Conard reported that no measurements were taken for the Secondary Digester Cover tilt this reporting period. The Secondary Digester is not operating as designed and it requires methane gas that is produced in the Primary Digester for the secondary roof to float correctly. The Metal Works Pump Station is running on a bypass pump. Pump #1 is unable to keep up with normal flow. Pump #2 sucked up a steel cable and that pump has been pulled and is at Municipal Maintenance for observation.

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. Horton, seconded by Mr. Mingin to accept the Engineer's Report carried.

MONTHLY FINANCIAL REPORT:

Treasurer Jack reported on the 2025 Budget and the status on the potential rate increase.

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

BILLS AND EXPENDITURES:

Motion made by Mr. Horton, seconded by Mr. Conard that all bills and expenditures be paid as well as any outstanding bills from Glasco be paid, carried.

Mr. George Conard made a motion authorizing Superintendent Jeffrey Conard to use the Superintendent's vehicle to respond to fire calls, seconded by Mr. Van Meter. 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.

**RIVERSIDE SEWERAGE AUTHORITY
PLANT OPERATOR'S REPORT
AUTHORITY MEETING – SEPTEMBER 9, 2024**

1. The Plant Performance Summary for July,2024 is attached for review. There was a noncompliance violation during this reporting period with the E-coli. The Residuals [Sludge] Management Summary for July,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 August is attached.
3. Weekly collection system checks were performed in August.
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 was lifted off its supports. After meeting with Hugh an emergency was declared. Municipal Maintenance was contacted for necessary repairs. Municipal Maintenance is in the process of cleaning out the digester. Once the cleanout is completed, they will bring in a crane to lift and reset the roof. Three valves were replaced.
6. M&N replaced two valves from the sludge pump station. The sludge that is now pumped from the station will go the digesters not back to the head of the plant.
7. Still waiting on the sand delivery. 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.
8. Metal Works pump station is running on a bypass pump. Pump #1 is unable to keep up with normal flow. Pump #2 sucked up a steel cable. That pump has been pulled and is at Municipal Maintenance for observation.
9. Camera truck is now back in service.

Respectfully Submitted,

JEFFREY M. CONARD
SUPERINTENDENT

PLANT PERFORMANCE SUMMARY

July-24

PARAMETER	PERMIT	REPORTED	PARAMETER	PERMIT	REPORTED
12 month rolling avg. flow					
Monthly Avg	Report	0.691 MGD	Monthly Avg	Report	0.000 MGD
FLOW, INFLUENT					
Monthly Avg	Report	0.769 MGD	NITRATE (AS N), EFFLUENT		1 / 6 months
Daily Maximum	Report	1.021 MGD	Mon Avg Conc	Report	2.00 MG/L
FLOW, EFFLUENT					
Monthly Avg	Report	0.700 MGD	Daily Max Conc	Report	2.00 MG/L
Daily Maximum	Report	0.869 MGD	E. COLI 2 / month		
5 DAY BOD, INFLUENT					
Monthly Avg	Report	151.00 MG/L	Monthly Avg	Report	418.53 /100ML
Weekly Avg Conc	Report	258.00 MG/L	Daily Max Conc	Report	1986.00 /100ML
5 DAY BOD, EFFLUENT					
Mon Avg Loading	98 KG/D	50.79 KG/D	FECAL COLIFORM, EFFLUENT Require Reuse Only		
Weekly Avg Loading	147 KG/D	81.41 KG/D	Monthly Avg	200/100ML	2419.00 /100ML
Mon Avg Conc	30 MG/L	19.50 MG/L	Weekly Avg	400/100ML	2419.00 /100ML
Weekly Avg Conc	45 MG/L	31.40 MG/L	BIOASSAY, EFFLUENT		
5 DAY BOD REMOVAL EFFICIENCY					
Mon Avg Minimum	88.5	90.82 %	LC50 96 hr Acute	50	Code=N %
pH, INFLUENT					
Minimum	Report	6.93 S.U.	IC25 7 day Chronic	Report	Code+N %
Maximum	Report	7.61 S.U.	CHLORINE PRODUCED OXIDANTS, EFFLUENT		
pH, EFFLUENT					
Minimum	6.00 S.U.	6.60 S.U.	Mon Avg Conc	Report	0.03 MG/L
Maximum	9.00 S.U.	7.79 S.U.	Daily Max Conc	Report	0.03 MG/L
TOTAL SUSP SOLIDS, INFLUENT					
Mon Avg Conc	Report	381.7 MG/L	TEMPERATURE, INFLUENT		
Weekly Avg Conc	Report	570.0 MG/L	Minimum	Report	23.2 DEG C
TOTAL SUSP SOLIDS, EFFLUENT					
Mon Avg Loading	113 KG/D	63.10 KG/D	Monthly Avg	Report	24.3 DEG C
Weekly Avg Loading	170 KG/D	88.15 KG/D	Maximum	Report	25.3 DEG C
Mon Avg Conc	30 MG/L	24.33 MG/L	TEMPERATURE, EFFLUENT		
Weekly Avg Conc	45 MG/L	34.00 MG/L	Minimum	Report	20.8 DEG C
TOTAL SUSP SOLIDS REMOVAL EFFICIENCY					
Mon Avg Minimum	85	93.62 %	Monthly Avg	Report	24.8 DEG C
OIL&GREASE, EFFLUENT Quarterly					
Mon Avg Conc	10 MG/L	Code=N MG/L	Maximum	Report	26.1 DEG C
Daily Max Conc	15 MG/L	Code=N MG/L	DISSOLVED OXYGEN, EFFLUENT		
AMMONIA NITROGEN (NOV-APR), EFFLUENT					
Mon Avg Loading	75.7 KG/D	0.00 KG/D	Wkly Avg Conc (Min)	4.0 MG/L	5.99 MG/L
Daily Max Loading	151.4 KG/D	0.00 KG/D	PHOSPHOROUS, EFFLUENT 1 / month		
Mon Avg Conc	20 MG/L	0.00 MG/L	Mon Avg Conc	Report	4.4 MG/L
Daily Max Conc	40 MG/L	0.00 MG/L	Weekly Avg Conc	Report	4.4 MG/L
AMMONIA NITROGEN (MAY-OCT.) EFFLUENT					
Mon Avg Loading	18.8 KG/D	41.18 KG/D	COPPER, EFFLUENT Quarterly only		
Daily Max Loading	37.9 KG/D	70.77 KG/D	Mon Avg Conc	Report	Code=n MG/L
Mon Avg Conc	5 ml/l	16.21 MG/L	Daily Max Conc	Report	Code=n MG/L
Daily Max Conc	10 ml/l	28.20 MG/L	ZINC, EFFLUENT Quarterly Only		
Copper Required Quarterly					
Zinc Required Quarterly					
Asbestos Ffibrous per Lit Required Semi-Annually					
Oil & Grease Effluent Quarterly					
Ammonia Nitrogen (Nov-Apr) Effluent					
Ammonia Nitrogen (May-Oct) Effluent					
Asbestos Ffibrous per liter					
Color Starting Jul-24					
IC25 Chronic Required Semi-Annually					
LC50 Acute Required Annually					
Bis(2-ethylhexyl)phthalate Quarterly					

Permit Limit Eff. Monthly Avg Geo Mean limit 126 /100ml 18-Jul-24 Case # 24-07261107-45 E.Coli 1986/100ml
 Permit Limit Eff. NH3-N for July 17, 2024 is over permit Limit Case # 24-07261059-48

RESIDUALS MANAGEMENT SUMMARY

July-24

SLUDGE PRODUCED			RAW SLUDGE		
Total Gallons	0	gal	% Total Solids, minimum	3.2	%
Average Gallons/Day	0	gpd	% Total Solids, average	3.3	%
Total Dry Tons	0	dt	% Total Solids, maximum	3.4	%
Average Dry Tons/Day	0	dt/d	% Total Volatile Solids, minimum	78.4	%
Total Metric Tons	0	mt	% Total Volatile Solids, average	78.45	%
Average Metric Tons/Day	0	mt/d	% Total Volatile Solids, maximum	78.5	%
			pH minimum	5.75	s.u.
			pH maximum	6.52	s.u.
LIQUID SLUDGE REMOVED					
Total Gallons	0	gal	sludge sample temperature, min	22.5	C
Average Gallons/Day	0	gpd	sludge sample temperature, avg	25.2	C
Total Dry Tons	N.R.	dt	sludge sample temperature, max	34.1	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	0.3	%
% Total Solids, Minimum	N.R.	%	% Total Solids, average	0.3	%
% Total Solids, Average	N.R.	%	% Total Solids, maximum	0.3	%
% Total Solids, Maximum	N.R.	%	% Total Volatile Solids, minimum	73.6	%
pH, Minimum	N.R.	s.u.	% Total Volatile Solids, average	78.6	%
pH, Maximum	N.R.	s.u.	% Total Volatile Solids, maximum	83.6	%
			pH minimum	6.04	s.u.
			pH maximum	6.91	s.u.
DEWATERED SLUDGE REMOVED					
Total Gallons to Belt Press		gal	sludge sample temperature, min	22.2	C
Average Gallons/Day		gpd	sludge sample temperature, avg	29.6	C
% Total Solids, minimum	-21.4	%	sludge sample temperature, max	34.1	C
% Total Solids, average	22.65	%			
% Total Solids, maximum	23.9	%	SECONDARY DIGESTER SLUDGE		
% Total Volatile Solids, minimum	79.00	%	% Total Solids, minimum	0.2	%
% Total Volatile Solids, average	79.15	%	% Total Solids, average	2.15	%
% Total Volatile Solids, maximum	79.30	%	% Total Solids, maximum	4.1	%
Total Wet Cubic Yards Removed	50.00	cu yd	% Total Volatile Solids, minimum	79.1	%
Average Wet Cubic yards/day	0.00	cy/d	% Total Volatile Solids, average	83.75	%
Total Dry Tons	8.95256917	dt	% Total Volatile Solids, maximum	88.4	%
Average Dry Tons/Day	0.288792554	dt/d	pH minimum	6.94	s.u.
Total Metric Tons	8.138699245	mt	pH maximum	6.94	s.u.
Average Metric Tons/Day	0.262538685	mt/d	sludge sample temperature, min	27.1	C
			sludge sample temperature, avg	27.1	C
			sludge sample temperature, max	27.1	C
OPERATIONS					
Heat Exchange, Temp In, min	90.0	°F	VOLATILE SOLIDS REDUCTION		
Heat Exchange, Temp In, avg	97.7	°F	Raw to Secondary Digester, minimum		%
Heat Exchange, Temp In, max	100.0	°F	Raw to Secondary Digester, average		%
Heat Exchange, Temp Out, min	90.0	°F	Raw to Secondary Digester, maximum		%
Heat Exchange, Temp Out, avg	111.6	°F			
Heat Exchange, Temp Out, max	100.0	°F			
Detention Time, Primary Digester		days			
Detention Time, Secondary Digester		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					

Range of Checking Accts: 01 TD GENERAL to 01 TD GENERAL Range of Check Ids: 4921 to 4956
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
4921	09/09/24	ALLHA005 ALL HANDS FIRE EQUIPMENT	1,222.24		320
4922	09/09/24	ALSEN005 ALS ENVIRONMENTAL	933.75		320
4923	09/09/24	ALSEN005 ALS ENVIRONMENTAL	752.25		320
4924	09/09/24	BPENE005 bp Energy Retail Company LLC	6,162.29		320
4925	09/09/24	CINTA005 CINTAS CORPORATION	2,854.43		320
4926	09/09/24	CONTR005 CONTRACTOR SERVICE	1,386.89		320
4927	09/09/24	CUSTO005 CUSTOM ENVIRONMENTAL TECH-	2,877.68		320
4928	09/09/24	ENVIRO12 ENVIRONMENTAL RESOLUTIONS INC	4,165.00		320
4929	09/09/24	HACHC005 HACH COMPANY	7,782.59		320
4930	09/09/24	JEFFR010 JEFFREY M CONARD	154.95		320
4931	09/09/24	LONGO005 LONGO ELECTRICAL CONTROLS LLC	1,689.45		320
4932	09/09/24	MARME005 MARMERO LAW LLC	285.00		320
4933	09/09/24	MCMAS005 MCMASTER CARR SUPPLY CO.	4,519.16		320
4934	09/09/24	MEGHA010 MEGHAN JACK - TREASURER	284.16		320
4935	09/09/24	MNASS005 M & N ASSOCIATES COMPANY	22,036.55		320
4936	09/09/24	NJAME005 N.J. AMERICAN WATER COMPANY	1,773.18		320
4937	09/09/24	NJDIV010 NJ DIV OF PENSIONS & BENEFITS	2,000.00		320
4938	09/09/24	NJWEA006 NJWEA-SOUTH SECTION	480.00		320
4939	09/09/24	ONECA005 ONE CALL CONCEPTS	223.79		320
4940	09/09/24	PRIME005 PRIMEPOINT LLC	266.75		320
4941	09/09/24	PSEG005 PSE&G	4,240.63		320
4942	09/09/24	RACOM005 RACO MANUFACTURING & ENG CO	2,475.00		320
4943	09/09/24	REDWI005 RED WING BRANDS OF AMERICA INC	1,824.69		320
4944	09/09/24	REPUB005 REPUBLIC SERVICES	100.19		320
4945	09/09/24	RIVER025 RIVERSIDE NAPA AUTO PARTS	130.56		320
4946	09/09/24	RONAL005 RONALD MINGIN	357.00		320
4947	09/09/24	SAFEG005 SAFEGUARD BUSINESS SYSTEMS	191.39		320
4948	09/09/24	STEVE015 STEVENSON SUPPLY CO., INC.	306.50		320
4949	09/09/24	TREAS010 TREASURER, BURLINGTON COUNTY	11,581.66		320
4950	09/09/24	UGIEN005 UGI ENERGY SERVICES LLC	66.81		320
4951	09/09/24	VERIZ005 VERIZON	215.26		320
4952	09/09/24	VERIZ010 VERIZON WIRELESS	70.19		320
4953	09/09/24	VIRUA005 VIRTUA AT WORK	95.00		320
4954	09/09/24	WESTE005 WESTERN TERMITE & PEST CONTROL	211.80		320
4955	09/09/24	WETIM005 W E TIMMERMAN CO INC	467.32		320
4956	09/09/24	XEROX005 XEROX FINANCIAL SERVICES	99.32		320

Report Totals	Paid	Void	Amount Paid	Amount Void
Checks:	36	0	84,283.43	0.00
Direct Deposit:	0	0	0.00	0.00
Total:	36	0	84,283.43	0.00

Totals by Year-Fund
and Description

	Fund	Expend Total	Revenue Total	G/L Total	Total
General Fund	4-01	84,283.43	0.00	0.00	84,283.43
Total of All Funds:		<u>84,283.43</u>	<u>0.00</u>	<u>0.00</u>	<u>84,283.43</u>

Totals by Fund Fund Description	Fund	Expend Total	Revenue Total	G/L Total	Total
General Fund	01	84,283.43	0.00	0.00	84,283.43
Total of All Funds:		<u>84,283.43</u>	<u>0.00</u>	<u>0.00</u>	<u>84,283.43</u>

RIVERSIDE SEWERAGE AUTHORITY
Breakdown of Expenditure Account Current/Prior Received/Prior Open

Fund Description	Fund	Current	Prior Rcvd	Prior Open	Paid Prior	Fund Total
General Fund	4-01	84,283.43	0.00	0.00	0.00	84,283.43
Total of All Funds:		<u>84,283.43</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>84,283.43</u>

PUBLIC PORTION (INFORMATIONAL):

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

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


Susan M. Dydek, RMC
Authority Secretary

Riverside Sewerage Authority