

Monday Afternoon
Riverside, NJ
August 14, 2023
Regular Meeting
4:48pm

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 22, 2023.
- 2) Written notice was delivered to the Burlington County Times and the Courier Post on February 22, 2023.
- 3) Filed written notice with the Clerk of the Township of Riverside on February 22, 2023.

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 – present, Mr. Van Meter – present, Mr. Horton – present.

Also present: Secretary Susan M. Dydek and Treasurer Meghan Jack, Superintendent Jeffrey Conard and Assistant Superintendent Jane Crammer.

RESOLUTIONS:

None.

APPROVAL OF MINUTES:

Motion made by Mr. Giovanetti, seconded by Mr. Mingin that the minutes of the Work Session Meeting of July 10, 2023 and the Regular Meeting of July 10, 2023 be approved carried.

PUBLIC PORTION – (TECHNICAL):

In seeing no members of the Public Present, motion made by Messrs. Conard and Van Meter to closed Public Portion (Technical) carried.

OLD BUSINESS:

- 1) Rate Schedule – Updating Fees – (*Tabled 3-13-2023.*)

- 2) Excess Sludge Discharge Fee – *(Tabled 3-13-2023.)*
- 3) CWA Contract – negotiations to commence in 2024.
- 4) Bylaws and Resolutions – Moving forward with publication.

NEW BUSINESS:

- 1) Rosemary D'Alessandro – 224 Filmore Street – Vent overflowing. Reported by neighbor.
- 2) Jessica Mc Cabe – 30 Webster Street – Sewer is overflowing at the curb.

CORRESPONDENCE:

- 1) St. Stephen's Memorial Episcopal Church – Request for a reduction of sewerage bill. **After a brief discussion the Authority Members unanimously agreed to deny this request.**
- 2) Pennoni – 200 Whittaker Street – Preliminary Major Subdivision Plan – Utility and Storm Easement.

REPORTS:

PLANT:

Mr. George Conard Sr. reported that the UV Disinfection System needs to be replaced. Environmental Resolution Inc. has estimated the cost to be \$230,000.00. There was a noncompliance violation during this reporting period with the E-Coli and he recommended that the Superintendent notify the State and get a case number. Mr. George Conard said that the new employees are doing a great job at the plant.

APPEALS

Mr. Mingin had no report.

REVENUE AND FINANCE:

Mr. Giovanetti reported that the budget discussion will begin at the September meeting.

STREETS:

Mr. Van Meter had no report. Superintendent Jeffrey Conard reported that there was a sink hole at Fourth Street and Cleveland Avenue that was repaired. The storm drain at Fairview Street and New Jersey Avenue will be repaired.

INSPECTIONS:

Mr. Horton had no report.

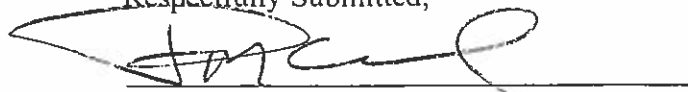
SUPERINTENDENT'S REPORT:

Superintendent Jeffrey Conard reported that the men are currently working on the Trouble Log. All the complaints that were received were handled in the month of July. There was no Line Maintenance performed during the month of July do to manpower shortage. Raw Sewer Pump #2 requires either a

**RIVERSIDE SEWERAGE AUTHORITY
PLANT OPERATOR'S REPORT
AUTHORITY MEETING – AUGUST 14, 2023**

1. The Plant Performance Summary for June, 2023 is attached for review. There was a noncompliance violation during this reporting period with the E-coli. The Residuals [Sludge] Management Summary for June, 2023 is also attached for review. Dewatered sludge [25 yds] were removed by the Seaside Waste Services Company for composting at the County facility.
2. We are currently working on a new Trouble Log. All calls were handled for the month of July.
3. No Line Maintenance done in June, due to manpower shortage.
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. Raw Sewer Pump #2 [a main influent pump] requires replacement or a total rebuild. Vaughan Pump will be contacted for a replacement cost. [Estimated replacement cost is \$28,000.00].
6. The Comminutor for Grit Chamber #1 was not operating as designed. The comminutor was removed from service. A new motor was ordered with an install date of August 14th.
7. The Comminutor for Grit Chamber #2 has been replaced and put back online.
8. Compressor #2 at Hooker Street Pump Station has been replaced and put back in service.
9. Sand Filter # 1 has been put back in service. New sand was delivered. New hoses and fittings were installed on the lifts.
10. Longo Electric upgraded all lighting around plant to LED. LED lighting was also installed in the Carter Pump room.
11. New air compressor has been installed at the plant for the Sand Filters. We are back to 2 operating air compressors.
12. Utility Water Pump #2 has been repaired and put back online.
13. Met with Ben Weller from ERI Engineering in reference to replacing our current UV System.

Respectfully Submitted,



JEFFREY M. CONARD
SUPERINTENDENT

PLANT PERFORMANCE SUMMARY

June-23

PARAMETER	PERMIT	REPORTED	PARAMETER	PERMIT	REPORTED		
FLOW, INFLUENT			NITRATE {AS N}, EFFLUENT 1 / 6 months				
Monthly Avg	Report	0.792 MGD	Mon Avg Conc	Report	27.00 MG/L		
Daily Maximum	Report	0.938 MGD	Daily Max Conc	Report	27.00 MG/L		
FLOW, EFFLUENT			E. COLI 2 / month				
Monthly Avg	Report	0.704 MGD	Monthly Avg	Report	6246.67 /100ML		
Daily Maximum	Report	0.892 MGD	Instant Max	Report	16131.00 /100ML		
5 DAY BOD, INFLUENT			FECAL COLIFORM, EFFLUENT Require Reuse Only				
Mon Avg Conc	Report	184.67 MG/L	Monthly Avg	200/100ML	0.00 /100ML		
Weekly Avg Conc	Report	195.00 MG/L	Weekly Avg	400/100ML	0.00 /100ML		
5 DAY BOD, EFFLUENT			BIOASSAY, EFFLUENT				
Mon Avg Loading	98 KG/D	23.54 KG/D	LC50 96 hr Acute	50	%		
Weekly Avg Load	147 KG/D	26.25 KG/D	IC25 7 day Chron	Report	>100 %		
Mon Avg Conc	30 MG/L	9.57 MG/L	CHLORINE PRODUCED OXIDANTS, EFFLUENT				
Weekly Avg Conc	45 MG/L	10.20 MG/L	Mon Avg Conc	Report	0.02 MG/L		
5 DAY BOD REMOVAL EFFICIENCY			Daily Max Conc	Report	0.02 MG/L		
Mon Avg Minimu	88.5	94.82 %	TEMPERATURE, INFLUENT				
pH, INFLUENT			Minimum	Report	19.7 DEG C		
Minimum	Report	7.01 S.U.	Monthly Avg	Report	21.0 DEG C		
Maximum	Report	7.67 S.U.	Maximum	Report	22.3 DEG C		
pH, EFFLUENT			TEMPERATURE, EFFLUENT				
Minimum	6.00 S.U	6.39 S.U.	Minimum	Report	19.0 DEG C		
Maximum	9.00 S.U	7.13 S.U.	Monthly Avg	Report	21.1 DEG C		
TOTAL SUSP SOLIDS, INFLUENT			Maximum	Report	23.0 DEG C		
Mon Avg Conc	Report	79.3 MG/L	DISSOLVED OXYGEN, EFFLUENT				
Weekly Avg Conc	Report	114.0 MG/L	Wkly Avg Conc (P	4.0 MG/L	5.98 MG/L		
TOTAL SUSP SOLIDS, EFFLUENT			PHOSPHOROUS, EFFLUENT 1 / month				
Mon Avg Loading	113 KG/D	35.64 KG/D	Mon Avg Conc	Report	7.4 MG/L		
Weekly Avg Load	170 KG/D	46.48 KG/D	Weekly Avg Conc	Report	7.4 MG/L		
Mon Avg Conc	30 MG/L	14.67 MG/L	COPPER, EFFLUENT Quarterly only				
Weekly Avg Conc	45 MG/L	20.00 MG/L	Mon Avg Conc	Report	0.029 MG/L		
TOTAL SUSP SOLIDS REMOVAL EFFICIENCY			Daily Max Conc	Report	0.029 MG/L		
Mon Avg Minimu	85	81.51 %	ZINC, EFFLUENT Quarterly Only				
OIL&GREASE, EFFLUENT Quarterly			Mon Avg Conc	Report	0.19308042 MG/L		
Mon Avg Conc	10 MG/L	#DIV/0! MG/L	Daily Max Conc	Report	0.19308042 MG/L		
Daily Max Conc	15 MG/L	0.00 MG/L	Total Dissolved So	Effluent	1/month		
AMMONIA NITROGEN (NOV-APR), EFFLUENT			Mon Avg Conc	Report	460.0 MG/L		
Mon Avg Loading	75.7 KG/D	0.00 KG/D	Daily Max Conc	Report	460.0 MG/L		
Daily Max Loading	151.4 KG/D	0.00 KG/D	Bis(2-ethylhexyl)phthalate Quarterly only				
Mon Avg Conc	20 MG/L	0.00 MG/L	Mon Avg Conc	Report	0.79 ug/l		
Daily Max Conc	40 MG/L	0.00 MG/L	Daily Max Conc	Report	0.79 ug/l		
AMMONIA NITROGEN (MAY-OCT.) EFFLUENT			Asbestos Fifrous per liter				
Mon Avg Loading	18.8 KG/D	24.45 KG/D	Mon Avg Conc		<2.68 fib/liter		
Daily Max Loading	37.9 KG/D	34.50 KG/D	Daily Max Conc		<2.68 fib/liter		
Mon Avg Conc	5 MG/L	9.10 MG/L					
Daily Max Conc	10 MG/L	11.90 MG/L					
Copper	Required	Quarterly	4/27/2023	IC25 Chronic	Required	5/23/2023	Semi-Annually
Zinc	Required	Quarterly	4/27/2023	LC50 Acute	Required		Annually
Asbestos Fifrous per liter		semi-annually	4/27/2023	Bis(2-ethylhexyl)phthalate		4/27/2023	Quarterly only

RESIDUALS MANAGEMENT SUMMARY

June-23

SLUDGE PRODUCED			RAW SLUDGE	
Total Gallons		gal	% Total Solids, minimum	2.30 %
Average Gallons/Day	0	gpd	% Total Solids, average	3.33 %
Total Dry Tons	0	dt	% Total Solids, maximum	4.80 %
Average Dry Tons/Day	0	dt/d	% Total Volatile Solids, minimum	73.80 %
Total Metric Tons	0	mt	% Total Volatile Solids, average	79.58 %
Average Metric Tons/Day	0	mt/d	% Total Volatile Solids, maximum	82.50 %
			pH minimum	5.35 s.u.
			pH maximum	6.32 s.u.
LIQUID SLUDGE REMOVED				
Total Gallons		gal	sludge sample temperature, min	18.6 C
Average Gallons/Day	0	gpd	sludge sample temperature, avg	22.1 C
Total Dry Tons	N.R.	dt	sludge sample temperature, max	25.0 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	1.58 %
% Total Solids, Minimum	N.R.	%	% Total Solids, average	2.87 %
% Total Solids, Average	N.R.	%	% Total Solids, maximum	4 %
% Total Solids, Maximum	N.R.	%	% Total Volatile Solids, minimum	79.1 %
pH, Minimum	N.R.	s.u.	% Total Volatile Solids, average	80.65 %
pH, Maximum	N.R.	s.u.	% Total Volatile Solids, maximum	82 %
			pH minimum	6.82 s.u.
			pH maximum	7.25 s.u.
DEWATERED SLUDGE REMOVED				
Total Gallons to Belt Press		gal	sludge sample temperature, min	23.0 C
Average Gallons/Day		gpd	sludge sample temperature, avg	29.6 C
% Total Solids, minimum	21.1	%	sludge sample temperature, max	34.5 C
% Total Solids, average	21.6	%		
% Total Solids, maximum	22.1	%	SECONDARY DIGESTER SLUDGE	
% Total Volatile Solids, minimum	81.20	%	% Total Solids, minimum	2.7 %
% Total Volatile Solids, average	81.25	%	% Total Solids, average	4.25 %
% Total Volatile Solids, maximum	81.30	%	% Total Solids, maximum	5.8 %
Total Wet Cubic Yards Removed	75	cu yd	% Total Volatile Solids, minimum	73.1 %
Average Wet Cubic yards/day	2.50	cy/d	% Total Volatile Solids, average	75.25 %
Total Dry Tons	12.8063241	dt	% Total Volatile Solids, maximum	77.4 %
Average Dry Tons/Day	0.41310723	dt/d	pH minimum	0 s.u.
Total Metric Tons	11.6421128	mt	pH maximum	0 s.u.
Average Metric Tons/Day	0.37555203	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	83.0	°F	VOLATILE SOLIDS REDUCTION	
Heat Exchange, Temp In, avg	99.3	°F	Raw to Secondary Digester, minimum	59.5 %
Heat Exchange, Temp In, max	110.0	°F	Raw to Secondary Digester, average	21.9600974 %
Heat Exchange, Temp Out, min	82.0	°F	Raw to Secondary Digester, maximum	59.5 %
Heat Exchange, Temp Out, avg	99.0	°F		
Heat Exchange, Temp Out, max	110.0	°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
Code = N Not Required This Monitoring Period

total rebuild or it needs to be replaced. The Comminutor for Grit Chamber #1 was not operating a designed and has been removed from service. The Comminutor for Grit Chamber #2 has been replaced and put back online. Sand Filter #1 has been put back in service. Longo Electric upgraded all lighting around the plant and the Carter Room to LED. A new air compressor was installed at the plant for the sand filters. Utility Water Pump #2 has been repaired and is back online. Superintendent Jeffrey Conard met with Engineer Ben Weller from ERI Inc. to discuss replacing the UV System. Superintendent Conard requested that a Proclamation be given to Joseph D'Agostino, Charles Bluhm, Kyle Conard and John Jenkins for their outstanding dedication to the Authority during the manpower shortage. Lastly, Superintendent Jeffrey Conard requested that a message be put on the website notifying the residents not to flush wipes or other cloth down the toilet. **Motion made by Mr. George Conard and Mr. Mingin approving Superintendent Jeffrey Conard's requests carried.**

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

MONTHLY FINANCIAL REPORT:

Treasurer Jack reported that the Audit has been completed and will be on the September Agenda for approval. The budget meetings will commence in September.

BILLS AND EXPENDITURES:

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

Range of Checking Accts: 01 TD GENERAL to 01 TD GENERAL Range of Check Ids: 4450 to 4487
Report Type: All Checks Report Format: Super Condensed Check Type: Computer: Y Manual: Y Dir Deposit:

Check #	Check Date	Vendor	Amount Paid	Reconciled/Void	Ref Num
4450	08/14/23	ACERB005 ACERBO'S AUTO TRIM &	375.00		293
4451	08/14/23	ALLCO005 KONICA MINOLTA BUS SOLUTIONS	500.00		293
4452	08/14/23	ALSEN005 ALS ENVIRONMENTAL	195.00		293
4453	08/14/23	ALSEN005 ALS ENVIRONMENTAL	619.00		293
4454	08/14/23	ALSEN005 ALS ENVIRONMENTAL	499.00		293
4455	08/14/23	BARTU005 BARTUK HOSE	14.98		293
4456	08/14/23	CARLS005 CARL'S SHOES INC	1,193.60		293
4457	08/14/23	CINTA005 CINTAS CORPORATION	1,381.09		293
4458	08/14/23	CUSTO005 CUSTOM ENVIRONMENTAL TECH-	2,828.64		293
4459	08/14/23	EMSLA005 EMSL ANALYTICAL INC	54.00		293
4460	08/14/23	LONGO005 LONGO ELECTRICAL CONTROLS LLC	4,575.29		293
4461	08/14/23	LOWTH005 LOWTHER'S SMALL ENGINE REPAIR	325.50		293
4462	08/14/23	MARME005 MARHERO LAW LLC	390.00		293
4463	08/14/23	MCMAS005 MCMASTER CARR SUPPLY CO.	469.72		293
4464	08/14/23	MKGSA005 MKG SALES ASSOCIATES	1,960.00		293
4465	08/14/23	MNASS005 M & N ASSOCIATES COMPANY	22,500.00		293
4466	08/14/23	NJAME005 N.J. AMERICAN WATER COMPANY	1,072.89		293
4467	08/14/23	NJLEA005 N.J. LEAGUE OF MUNICIPALITIES	350.00		293
4468	08/14/23	ONECA005 ONE CALL CONCEPTS	163.73		293
4469	08/14/23	PENNM005 PENN MUFFLER & BRAKE	444.95		293
4470	08/14/23	PENNO010 PENNONI ASSOCIATES INC.	852.00		293
4471	08/14/23	PENNO010 PENNONI ASSOCIATES INC.	398.50		293
4472	08/14/23	PENNO010 PENNONI ASSOCIATES INC.	2,574.00		293
4473	08/14/23	PSEG0005 PSE&G	9,466.30		293
4474	08/14/23	REPUB005 REPUBLIC SERVICES	88.61		293
4475	08/14/23	RIVER025 RIVERSIDE NAPA AUTO PARTS	79.09		293
4476	08/14/23	SCHAN005 SCHANER'S WASTEWATER PRODUCTS	1,572.03		293
4477	08/14/23	SEASI005 SEASIDE WASTE SERVICES	500.00		293
4478	08/14/23	SNYDE005 SNYDER DISTRIBUTORS INC	330.00		293
4479	08/14/23	STATE010 STATE OF NEW JERSEY	107.94		293
4480	08/14/23	UGIEN005 UGI ENERGY SERVICES LLC	210.35		293
4481	08/14/23	VERIZ005 VERIZON	152.83		293
4482	08/14/23	VERIZ010 VERIZON WIRELESS	70.04		293
4483	08/14/23	WATER005 WATER ENVIRONMENT FEDERATION	117.00		293
4484	08/14/23	WBMAS005 W B MASON CO., INC	311.87		293
4485	08/14/23	WESTE005 WESTERN TERMITE & PEST CONTROL	99.91		293
4486	08/14/23	WILLI015 WILLIER ELEC MOTOR REPAIR CO	3,500.00		293
4487	08/14/23	XEROX005 XEROX FINANCIAL SERVICES	94.53		293

Report Totals	Paid	Void	Amount Paid	Amount Void
Checks:	38	0	60,437.39	0.00
Direct Deposit:	0	0	0.00	0.00
Total:	38	0	60,437.39	0.00

PUBLIC PORTION (INFORMATIONAL):

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

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


Susan M. Dydek, RMC
Authority Secretary