

Monday Afternoon
Riverside, NJ
February 12, 2024
Regular Meeting
4:50pm

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 January 9, 2024.
- 2) Written notice was delivered to the Burlington County Times and the Courier Post on January 9, 2024.
- 3) Filed written notice with the Clerk of the Township of Riverside on January 9, 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 and Superintendent Jeffrey Conard

Treasurer/Assistant Secretary Meghan Jack was not in attendance.

RESOLUTIONS:

None.

APPROVAL OF MINUTES:

Motion made by Mr. Van Meter, seconded by Mr. Horton that the minutes of the Work Session Meeting of January 8, 2024 and the Regular Meeting of January 8, 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) None.

NEW BUSINESS:

- 1) Mike (No last name given) Owner -- Erin Hack -- 506 Cleveland Avenue -- Sewer backing up into basement.
- 2) Amanda Shinn -- 504 Filmore Street -- Sewer backing up in the sewer.
- 3) Joseph (No last name given) -- 208 Madison Street -- Clean-out overflowing.

CORRESPONDENCE:

- 1) Jeffrey Snow, Esq. -- Notice of Public Hearing before the Riverside Township Joint Land Use Board.

REPORTS:**PLANT:**

Mr. George Conard Sr. reported that the digester has a hole in it and is not working as designed and the Plant is still waiting for parts for the Carter Pump repair.

APPEALS

Mr. Mingin had nothing to report.

REVENUE AND FINANCE:

Mr. Giovanetti had no report

STREETS:

Mr. Van Meter had no report.

INSPECTIONS:

Mr. Horton had nothing to report.


SUPERINTENDENT'S REPORT:

Superintendent Jeffrey Conard reported that there are holes in the Primary Digester and the Secondary Digester, the Jet Vac is currently at Timmerman for maintenance and repairs, all of the Plant Employees have obtained their CDL Licenses, the camera truck has been repaired and is back in service and he is still working on collecting data for the Nitrification tower upgrades. Superintendent Conard also reported that the Township is interested in purchasing a truck off of the Authority. The truck that they are interested in is used by the employees to attend school. Should this happen, then the Superintendent's current vehicle would be used by the men and the Superintendent would get a new vehicle. Mr. Horton stated that there is money in the budget for a new vehicle.

**RIVERSIDE SEWERAGE AUTHORITY
PLANT OPERATOR'S REPORT
AUTHORITY MEETING – JANUARY 12, 2024**

1. The Plant Performance Summary for December, 2023 is attached for review. There was a noncompliance violation during this reporting period with the E-coli. The Residuals [Sludge] Management Summary for December, 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. Trouble log for January is attached.
3. Weekly collection system checks were performed in January.
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. Still working on collecting data for the Nitrification tower upgrades.
6. Jet Vac is currently at Timmerman for maintenance and repairs.
7. Camera truck has been repaired and is in service.
8. Still waiting on parts for the Carter Pump repair.
9. Wiper system has been installed on the UV rental unit.
10. All employees have obtained their CDL's.
11. Another hole has been observed on the Primary Digester tank wall. See attached picture.

Respectfully Submitted,



JEFFREY M. CONARD
SUPERINTENDENT



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January 2024 Trouble Log Summary

Date	Report #	Address	Condition(s) Reported	Condition(s) Found	Manhole Checked	Disposition
1/4/2024	24-001	620 Tylor St	Backflow on Property	Main Slow	MH121,133,134	Flush/Vac/Root cut swer main
1/8/2024	24-002	409 Delaware Ave.	Backflow on Property	Main Clear		Notified Superintendent
1/8/2024	24-003	209 Bridgeboro St.	Vent overflow	Main Slow/Lateral Blocked	MH83,84,86	Flush/Vac/Root cut swer main
****	****	*****	*****	*****	****	Notified Home Owner
1/9/2024	24-004	232 Cleveland	Vent Overflow	Lateral Blocked	MH318,451	Notified Home Owner
1/10/2024	24-005	506 Cleveland Ave	Backflow on Property	Main Slow	MH295,238,396,300,455	Flush/Vac/Root cut swer main
1/15/2024	24-006	4 th and Cleveland Ave	Line Inspection	Main Slow	MH452,300	Flush/Vac/Root cut swer main
1/17/2024	24-007	105 E. Washington St.	Markout	Main Clear	MH190-198	Marked out main/lateral/vent
1/17/2024	24-008	504 Filmore	Backflow on Property	Main Clear	MH108,123	Notified Home Owner
1/21/2024	24-009	Pavilion and Hancock St.	Slow /no Drainage	Main Slow	MH176,175,174,166	Flush/Vac/Root cut swer main
1/24/2024	24-010	208 Madison Ave	Vent Overflow	Main Clear		Notified Home Owner
1/29/2024	24-011	62 N. Chester	Markout	Main Clear	MH11,10	Marked out/ Main Clear
1/29/2024	24-012	500 Kossuth St.	Line Inspection	Main Slow	MH109,110	Flush/Vac/Root cut swer main
****	****	*****	*****	*****	****	Notified Home Owner
1/31/2024	24-013	30 Jefferson St	Water coming out of Street	Water Line in Street Broke		Called NJ Amer. Water
1/31/2024	24-014	255 Hooker	Vent overflow	Main Clear	MH210,213,230	Notified Home Owner

PLANT PERFORMANCE SUMMARY

December-23

PARAMETER	PERMIT	REPORTED	PARAMETER	PERMIT	REPORTED
FLOW, INFLUENT			NITRATE {AS N}, EFFLUENT 1 / 6 months		
Monthly Avg	Report	0.855 MGD	Mon Avg Conc	Report	26.40 MG/L
Daily Maximum	Report	1.140 MGD	Daily Max Conc	Report	26.40 MG/L
FLOW, EFFLUENT			E. COLI 2 / month		
Monthly Avg	Report	0.677 MGD	Monthly Avg	126/100ml	89.19 /100ML
Daily Maximum	Report	0.677 MGD	Instant Max	Report Max	194.00 /100ML
5 DAY BOD, INFLUENT			FECAL COLIFORM, EFFLUENT Require Reuse Only		
Mon Avg Conc	Report	180.87 MG/L	Monthly Avg	200/100ML	4.00 /100ML
Weekly Avg Conc	Report	209.00 MG/L	Weekly Avg	400/100ML	4.00 /100ML
5 DAY BOD, EFFLUENT			BIOASSAY, EFFLUENT		
Mon Avg Loading	98 KG/D	21.44 KG/D	LC50 96 hr Acute	50 % Effl.	> 100.0 %
Weekly Avg Loading	147 KG/D	22.55 KG/D	IC25 7 day Chronic	Report %	Code=n %
Mon Avg Conc	30 MG/L	8.37 MG/L	CHLORINE PRODUCED OXIDANTS, EFFLUENT		
Weekly Avg Conc	45 MG/L	8.80 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	95.37 %	TEMPERATURE, INFLUENT		
pH, INFLUENT			Minimum	Report	14.4 DEG C
Minimum	Report	6.83 S.U.	Monthly Avg	Report	15.9 DEG C
Maximum	Report	7.77 S.U.	Maximum	Report	19.4 DEG C
pH, EFFLUENT			TEMPERATURE, EFFLUENT		
Minimum	6.00 S.U.	6.01 S.U.	Minimum	Report	12.3 DEG C
Maximum	9.00 S.U.	6.78 S.U.	Monthly Avg	Report	14.5 DEG C
TOTAL SUSP SOLIDS, INFLUENT			Maximum	Report	17.1 DEG C
Mon Avg Conc	Report	171.0 MG/L	DISSOLVED OXYGEN, EFFLUENT		
Weekly Avg Conc	Report	224.0 MG/L	Report Mon. Min.	4.0 MG/L	5.40 MG/L
TOTAL SUSP SOLIDS, EFFLUENT			PHOSPHOROUS, EFFLUENT 1 / month		
Mon Avg Loading	113 KG/D	50.39 KG/D	Mon Avg Conc	Report	5.1 MG/L
Weekly Avg Loading	170 KG/D	76.87 KG/D	Weekly Avg Conc	Report	5.1 MG/L
Mon Avg Conc	30 MG/L	19.67 MG/L	COPPER, EFFLUENT Quarterly only		
Weekly Avg Conc	45 MG/L	30.00 MG/L	Mon Avg Conc	Report	Code=n MG/L
TOTAL SUSP SOLIDS REMOVAL EFFICIENCY			Daily Max Conc	Report	Code=n MG/L
Mon Avg Minimum	85	88.50 %	ZINC, EFFLUENT Quarterly Only		
OIL&GREASE, EFFLUENT Quarterly			Mon Avg Conc	Report	Code=n MG/L
Mon Avg Conc	10 MG/L	Code=N MG/L	Daily Max Conc	Report	Code=n MG/L
Daily Max Conc	15 MG/L	Code=N 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	10.72 KG/D	Daily Max Conc	Report	428.0 MG/L
Daily Max Loading	151.4 KG/D	16.19 KG/D	Bis(2-ethyhexyl)phthalate Quarterly only		
Mon Avg Conc	20 MG/L	4.18 MG/L	Mon Avg Conc	Report ug/l	Code=n ug/l
Daily Max Conc	40 MG/L	6.32 MG/L	Daily Max Conc	Report ug/l	Code=n ug/l
Ammonia Nitroge {May-Oct.} Effluent			Asbestos Fibrous per Liter		
Mon Avg Loading	18.8 Kg/d	0.00 KG/D	Mon Avg Conc	Report	Code=n Fib./liter
Daily Max Loading	37.9 kg/d	0.00 KG/D	Daily Max Conc	Report	Code=n Fib./liter
Mon Avg Conc	5 ml/l	0.00 MG/L	Color Starting June 2024		
Daily Max Conc	10 ml/l	0.00 MG/L	Mon Avg Conc	Report	Code=n
Copper	Required	Quarterly	IC25 Chronic	Required	Semi-Annually
Zinc	Required	Quarterly	LC50 Acute	Required	Annually
Asbestos Fifrous per L	Required	Semi-Annually	Bis(2-ethyhexyl)phthalate		Quarterly

RESIDUALS MANAGEMENT SUMMARY

December-23

SLUDGE PRODUCED			RAW SLUDGE		
Total Gallons		gal	% Total Solids, minimum	2.90	%
Average Gallons/Day	0	gpd	% Total Solids, average	3.07	%
Total Dry Tons	0	dt	% Total Solids, maximum	3.30	%
Average Dry Tons/ Day	0	dt/d	% Total Volatile Solids, minimum	75.70	%
Total Metric Tons	0	mt	% Total Volatile Solids, average	77.57	%
Average Metric Tons/Day	0	mt/d	% Total Volatile Solids, maximum	78.80	%
			pH minimum	5.21	s.u.
			pH maximum	6.20	s.u.
LIQUID SLUDGE REMOVED					
Total Gallons	N.R.	gal	sludge sample temperature, min	13.90	C
Average Gallons/Day	N.R.	gpd	sludge sample temperature, avg	16.46	C
Total Dry Tons	N.R.	dt	sludge sample temperature, max	18.80	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	0.30	%
% Total Solids, Minimum	N.R.	%	% Total Solids, average	2.10	%
% Total Solids, Average	N.R.	%	% Total Solids, maximum	3.10	%
% Total Solids, Maximum	N.R.	%	% Total Volatile Solids, minimum	73.80	%
pH, Minimum	N.R.	s.u.	% Total Volatile Solids, average	77.60	%
pH, Maximum	N.R.	s.u.	% Total Volatile Solids, maximum	81.30	%
			pH minimum	6.41	s.u.
			pH maximum	6.69	s.u.
DEWATERED SLUDGE REMOVED					
Total Gallons to Belt Press		gal	sludge sample temperature, min	26.70	C
Average Gallons/Day		gpd	sludge sample temperature, avg	28.60	C
% Total Solids, minimum	20.20	%	sludge sample temperature, max	31.50	C
% Total Solids, average	20.67	%			
% Total Solids, maximum	21.00	%	SECONDARY DIGESTER SLUDGE		
% Total Volatile Solids, minimum	79.00	%	% Total Solids, minimum	0.20	%
% Total Volatile Solids, average	79.73	%	% Total Solids, average	0.50	%
% Total Volatile Solids, maximum	80.40	%	% Total Solids, maximum	0.70	%
Total Wet Cubic Yards Removed	25	cu yd	% Total Volatile Solids, minimum	66.00	%
Average Wet Cubic yards/day	0.81	cy/d	% Total Volatile Solids, average	69.77	%
Total Dry Metric Tons	3.71	dt	% Total Volatile Solids, maximum	73.10	%
Average Dry Tons/ Day	0.12	dt/d	pH minimum	6.59	s.u.
		mt	pH maximum	6.72	s.u.
		mt/d	sludge sample temperature, min	18.90	C
			sludge sample temperature, avg	20.43	C
			sludge sample temperature, max	22.10	C
OPERATIONS					
Heat Exchange, Temp In, min	90.0	°F	VOLATILE SOLIDS REDUCTION		
Heat Exchange, Temp In, avg	94.7	°F	Raw to Secondary Digester, minimum	8.00	%
Heat Exchange, Temp In, max	96.0	°F	Raw to Secondary Digester, average	33.39	%
Heat Exchange, Temp Out, min	90.0	°F	Raw to Secondary Digester, maximum	8.00	%
Heat Exchange, Temp Out, avg	94.8	°F	Dewater Sludge		
Heat Exchange, Temp Out, max	96.0	°F	Total Dry metric Tons/year	60.13	
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					

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

MONTHLY FINANCIAL REPORT:

Treasurer Jack was not in attendance.

BILLS AND EXPENDITURES:

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

Range of Checking Accts: 01 TD GENERAL to 01 TD GENERAL Range of Check Ids: 4661 to 4704
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
4661	02/12/24	ALLIN005 ALL INDUSTRIAL SAFETY PRODUCTS	80.00		307
4662	02/12/24	ALSEN005 ALS ENVIRONMENTAL	130.00		307
4663	02/12/24	ALSEN005 ALS ENVIRONMENTAL	195.00		307
4664	02/12/24	BURLI020 BURLINGTON FARM HOME & GARDEN	730.75		307
4665	02/12/24	CHERY005 CHERYL A. HARDIE	698.80		307
4666	02/12/24	CINNA010 CINNAMINSON FIRE DISTRICT #1	4,500.00		307
4667	02/12/24	CINTA005 CINTAS CORPORATION	2,598.35		307
4668	02/12/24	ENVIR012 ENVIRONMENTAL RESOLUTIONS INC	12,285.00		307
4669	02/12/24	GRAIN005 GRAINGER	314.27		307
4670	02/12/24	HACHC005 HACH COMPANY	255.11		307
4671	02/12/24	HOLLA005 HOLLAND HEATING & A/C INC	813.00		307
4672	02/12/24	INDUS005 INDUSTRIAL VALLEY GAS-DIESEL	125.00		307
4673	02/12/24	JEFFR010 JEFFREY M CONARD	100.00		307
4674	02/12/24	LONGO005 LONGO ELECTRICAL CONTROLS LLC	900.00		307
4675	02/12/24	MARME005 MARMERO LAW LLC	90.00		307
4676	02/12/24	MARYB005 MARYBRIDGET ENTERPRISES INC	238.89		307
4677	02/12/24	NJAME005 N.J. AMERICAN WATER COMPANY	2,798.97		307
4678	02/12/24	NJAME010 N.J. AMERICAN WATER COMPANY	465.16		307
4679	02/12/24	ONECA005 ONE CALL CONCEPTS	33.96		307
4680	02/12/24	PENNO010 PENNONI ASSOCIATES INC.	779.00		307
4681	02/12/24	PENNO010 PENNONI ASSOCIATES INC.	4,437.00		307
4682	02/12/24	PENNO010 PENNONI ASSOCIATES INC.	1,409.85		307
4683	02/12/24	PENNO010 PENNONI ASSOCIATES INC.	3,336.46		307
4684	02/12/24	PENNO010 PENNONI ASSOCIATES INC.	937.00		307
4685	02/12/24	PENNO010 PENNONI ASSOCIATES INC.	3,130.75		307
4686	02/12/24	PENNO010 PENNONI ASSOCIATES INC.	142.00		307
4687	02/12/24	PENNO010 PENNONI ASSOCIATES INC.	1,972.58		307
4688	02/12/24	PENNO010 PENNONI ASSOCIATES INC.	348.75		307
4689	02/12/24	PENNO010 PENNONI ASSOCIATES INC.	1,472.50		307
4690	02/12/24	PENNO010 PENNONI ASSOCIATES INC.	578.75		307
4691	02/12/24	PRINT017 Print & Mail Communications ll	1,208.74		307
4692	02/12/24	PSEG005 PSE&G	4,316.35		307
4693	02/12/24	REPUB005 REPUBLIC SERVICES	217.04		307
4694	02/12/24	RIVER025 RIVERSIDE NAPA AUTO PARTS	86.39		307
4695	02/12/24	SCHAN005 SCHANER'S WASTEWATER PRODUCTS	2,970.50		307
4696	02/12/24	SCHWE005 SCHWERING'S	604.78		307
4697	02/12/24	SEASI005 SEASIDE WASTE SERVICES	500.00		307
4698	02/12/24	STEVE015 STEVENSON SUPPLY CO., INC.	348.99		307
4699	02/12/24	TREAS010 TREASURER, BURLINGTON COUNTY	1,290.43		307
4700	02/12/24	UGIEN005 UGI ENERGY SERVICES LLC	1,481.99		307
4701	02/12/24	VERIZ005 VERIZON	157.97		307
4702	02/12/24	VERIZ010 VERIZON WIRELESS	70.81		307
4703	02/12/24	WINNE005 WINNER FORD	790.00		307
4704	02/12/24	XEROX005 XEROX FINANCIAL SERVICES	189.06		307

Report Totals	Paid	Void	Amount Paid	Amount Void
Checks:	44	0	60,129.95	0.00
Direct Deposit:	0	0	0.00	0.00
Total:	44	0	60,129.95	0.00

PUBLIC PORTION (INFORMATIONAL):

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

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


Susan M. Dydek, RMC
Authority Secretary