

Monday Afternoon
Riverside, NJ
April 8, 2024
Regular Meeting
4:0pm

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, Treasurer Meghan Jack and Superintendent Jeffrey Conard

RESOLUTIONS:

None.

APPROVAL OF MINUTES:

Motion made by Mr. Van Meter, seconded by Mr. Mingin that the minutes of the Work Session Meeting of March 11, 2024 and the Regular Meeting of March 11, 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. Horton to close Public Portion – Technical seconded by Mr. Mingin carried.**

OLD BUSINESS:

None.

NEW BUSINESS:

- 1) Financial Disclosure Statements are due on/or before April 30, 2024.
- 2) Sharon Samson – 427 Bem Street - Sewer backing up into basement.
- 3) Nancy Kalbach – 20 Grant Street - Sewer backing up on sidewalk at 26 Grant Street.
- 4) James Lewis – 263 Hooker Street - Vent overflowing
- 5) Shatoya Delmundo – 606 4th Street -- Vent overflowing.
- 6) Satema Witherspon – 230 Delaware Avenue – Vent overflowing.

CORRESPONDENCE:

- 1) Riverside Township School District – George F. Conard Sr. Award. – **Mr. Horton made a motion to approve the monetary award to the school seconded by Mr. Mingin carried.**
- 2) Charles Bluhm – Resignation Letter - **Mr. Horton made a motion to accept Mr. Bluhm’s resignation with regrets, seconded by Mr. Mingin carried.**

REPORTS:**PLANT:**

Superintendent Jeffrey Conard reported that the E. Coli numbers for February passed and the March numbers were good.

APPEALS

Mr. Mingin had nothing to report.

REVENUE AND FINANCE:

Mr. Horton reported that the second quarter sewer bills have been mailed.

STREETS:

Mr. Van Meter had no report.

**RIVERSIDE SEWERAGE AUTHORITY
PLANT OPERATOR'S REPORT
AUTHORITY MEETING – APRIL 8, 2024**

1. The Plant Performance Summary for February, 2024 is attached for review. There was a noncompliance violation during this reporting period with the E-coli. The Residuals [Sludge] Management Summary for February, 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 March is attached.
3. Weekly collection system checks were performed in March.
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. Tim Daly has retired. We will be meeting with Hugh to discuss upcoming project and who will be replacing Tim.
6. Assisted Haddon Heights with televising 8' main to investigate sinkhole.
7. Ordered new muffin monster for grit chamber 2.
8. Replaced two broken yard hydrants at the plant.
9. Replaced power source on digester mixer control power.
10. New UV system is scheduled to ship on April 10th.

Respectfully Submitted,



JEFFREY M. CONARD
SUPERINTENDENT

PLANT PERFORMANCE SUMMARY

February-24

| PARAMETER | PERMIT | REPORTED | PARAMETER | PERMIT | REPORTED |
|--------------------------------------|------------|---------------|--|-----------|------------------|
| FLOW, INFLUENT | | | NITRATE {AS N}, EFFLUENT 1/Month | | |
| Monthly Avg | Report | 0.949 MGD | Mon Avg Conc | Report | 20.10 MG/L |
| Daily Maximum | Report | 1.100 MGD | Daily Max Conc | Report | 20.10 MG/L |
| FLOW, EFFLUENT | | | E. COLI 2 / month | | |
| Monthly Avg | Report | 0.677 MGD | Monthly Avg | Report | 17.94 /100ML |
| Daily Maximum | Report | 0.677 MGD | Instant Max | Report | 322.00 /100ML |
| 5 DAY BOD, INFLUENT | | | FECAL COLIFORM, EFFLUENT Require Reuse Only | | |
| Mon Avg Conc | Report | 171.00 MG/L | Monthly Avg | 200/100ML | 320.00 /100ML |
| Weekly Avg Conc | Report | 211.00 MG/L | Weekly Avg | 400/100ML | 320.00 /100ML |
| 5 DAY BOD, EFFLUENT | | | BIOASSAY, EFFLUENT | | |
| Mon Avg Loading | 98 KG/D | 35.68 KG/D | LC50 96 hr Acute | 50 | Code=n % |
| Weekly Avg Loading | 147 KG/D | 40.92 KG/D | IC25 7 day Chronic | Report | Code=n % |
| Mon Avg Conc | 30 MG/L | 13.60 MG/L | CHLORINE PRODUCED OXIDANTS, EFFLUENT | | |
| Weekly Avg Conc | 45 MG/L | 15.60 MG/L | Mon Avg Conc | Report | 0.03 MG/L |
| 5 DAY BOD REMOVAL EFFICIENCY | | | Daily Max Conc | Report | 0.06 MG/L |
| Mon Avg Minimum | 88.5 | 92.05 % | TEMPERATURE, INFLUENT | | |
| pH, INFLUENT | | | Minimum | Report | 13.9 DEG C |
| Minimum | Report | 6.90 S.U. | Monthly Avg | Report | 14.7 DEG C |
| Maximum | Report | 7.51 S.U. | Maximum | Report | 16.3 DEG C |
| pH, EFFLUENT | | | TEMPERATURE, EFFLUENT | | |
| Minimum | 6.00 S.U. | 6.51 S.U. | Minimum | Report | 11.6 DEG C |
| Maximum | 9.00 S.U. | 6.93 S.U. | Monthly Avg | Report | 13.5 DEG C |
| TOTAL SUSP SOLIDS, INFLUENT | | | Maximum | Report | 15.0 DEG C |
| Mon Avg Conc | Report | 162.3 MG/L | DISSOLVED OXYGEN, EFFLUENT | | |
| Weekly Avg Conc | Report | 224.0 MG/L | Wkly Avg Conc (Min) | 4.0 MG/L | 4.85 MG/L |
| TOTAL SUSP SOLIDS, EFFLUENT | | | PHOSPHOROUS, EFFLUENT 1 / month | | |
| Mon Avg Loading | 113 KG/D | 76.95 KG/D | Mon Avg Conc | Report | 2.6 MG/L |
| Weekly Avg Loading | 170 KG/D | 89.19 KG/D | Weekly Avg Conc | Report | 2.6 MG/L |
| Mon Avg Conc | 30 MG/L | 29.33 MG/L | COPPER, EFFLUENT Quarterly only | | |
| Weekly Avg Conc | 45 MG/L | 34.00 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 | 82.00 % | 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 | 414.0 MG/L |
| Mon Avg Loading | 75.7 KG/D | 17.02 KG/D | Daily Max Conc | Report | 414.0 MG/L |
| Daily Max Loading | 151.4 KG/D | 19.91 KG/D | Bis(2-ethylhexyl)phthalate Quarterly only | | |
| Mon Avg Conc | 20 MG/L | 6.64 MG/L | Mon Avg Conc | Report | Code=n ug/l |
| Daily Max Conc | 40 MG/L | 7.77 MG/L | Daily Max Conc | Report | Code=n ug/l |
| AMMONIA NITROGEN {MAY-OCT.} EFFLUENT | | | Asbestos Fibrous per liter | | |
| Mon Avg Loading | 18.8 KG/D | 0.00 KG/D | Mon Avg Conc | Report | Code=n per liter |
| Daily Max Loading | 37.9 KG/D | 0.00 KG/D | Daily Max Conc | Report | Code=n per 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 Fibrous per Liter | Required | Semi-Annually | Bis(2-ethylhexyl)phthalate | | Quarterly |

Total Suspended Solids % removal case # 24-3-25-1526-23

RESIDUALS MANAGEMENT SUMMARY

February-24

| SLUDGE PRODUCED | | | RAW SLUDGE | | |
|------------------------------------|---------|-------|------------------------------------|--------|------|
| Total Gallons | | gal | % Total Solids, minimum | 3.3 | % |
| Average Gallons/Day | 0 | gpd | % Total Solids, average | 4.6 | % |
| Total Dry Tons | 0 | dt | % Total Solids, maximum | 6.9 | % |
| Average Dry Tons/Day | 0 | dt/d | % Total Volatile Solids, minimum | 59.10 | % |
| Total Metric Tons | 0 | mt | % Total Volatile Solids, average | 71.13 | % |
| Average Metric Tons/Day | 0 | mt/d | % Total Volatile Solids, maximum | 82.50 | % |
| | | | pH minimum | 4.51 | s.u. |
| | | | pH maximum | 6.86 | s.u. |
| LIQUID SLUDGE REMOVED | | | | | |
| Total Gallons | | gal | sludge sample temperature, min | 11.0 | C |
| Average Gallons/Day | 0 | gpd | sludge sample temperature, avg | 15.2 | C |
| Total Dry Tons | N.R. | dt | sludge sample temperature, max | 16.9 | 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 | 0.50 | % |
| % Total Solids, Minimum | N.R. | % | % Total Solids, average | 0.57 | % |
| % Total Solids, Average | N.R. | % | % Total Solids, maximum | 0.60 | % |
| % Total Solids, Maximum | N.R. | % | % Total Volatile Solids, minimum | 77.80 | % |
| pH, Minimum | N.R. | s.u. | % Total Volatile Solids, average | 85.99 | % |
| pH, Maximum | N.R. | s.u. | % Total Volatile Solids, maximum | 94.38 | % |
| | | | pH minimum | 6.25 | s.u. |
| | | | pH maximum | 6.78 | s.u. |
| DEWATERED SLUDGE REMOVED | | | | | |
| Total Gallons to Belt Press | | gal | sludge sample temperature, min | 27.8 | C |
| Average Gallons/Day | | gpd | sludge sample temperature, avg | 30.1 | C |
| % Total Solids, minimum | 18.60 | % | sludge sample temperature, max | 33.1 | C |
| % Total Solids, average | 19.27 | % | | | |
| % Total Solids, maximum | 20.40 | % | SECONDARY DIGESTER SLUDGE | | |
| % Total Volatile Solids, minimum | 78.40 | % | % Total Solids, minimum | 1.60 | % |
| % Total Volatile Solids, average | 79.07 | % | % Total Solids, average | 2.60 | % |
| % Total Volatile Solids, maximum | 79.90 | % | % Total Solids, maximum | 3.80 | % |
| Total Wet Cubic Yards Removed | 25 | cu yd | % Total Volatile Solids, minimum | 76.40 | % |
| Average Wet Cubic yards/day | 0.89 | cy/d | % Total Volatile Solids, average | 76.83 | % |
| | | dt | % Total Volatile Solids, maximum | 77.20 | % |
| | | dt/d | pH minimum | 6.59 | s.u. |
| Total Metric Tons | 3.46 | mt | pH maximum | 6.73 | s.u. |
| Average Metric Tons/Day | 0.11 | mt/d | sludge sample temperature, min | 16.1 | C |
| | | | sludge sample temperature, avg | 17.9 | C |
| | | | sludge sample temperature, max | 19.8 | C |
| OPERATIONS | | | | | |
| Heat Exchange, Temp In, min | 120.0 | °F | VOLATILE SOLIDS REDUCTION | | |
| Heat Exchange, Temp In, avg | 0.0 | °F | Raw to Secondary Digester, minimum | 59.50 | % |
| Heat Exchange, Temp In, max | 0.0 | °F | Raw to Secondary Digester, average | -34.59 | % |
| Heat Exchange, Temp Out, min | 110.0 | °F | Raw to Secondary Digester, maximum | 59.50 | % |
| 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 | | | | | |

March 2024 Trouble Log Summary

| Date | Report # | Address | Condition(s) Reported | Condition(s) Found | Manhole Checked | Disposition |
|-------------|-----------------|-----------------------|------------------------------|---------------------------|------------------------|-------------------------------|
| 3/8/2024 | 24-022 | 536 Taylor St | Backflow on property | Main Clear | MH120,110 | Notified owner |
| 3/11/2024 | 22-023 | Bem St. and Leach St. | Slow/no drainage | Main Slow | NH103,106 | Flush/Vac/root cut sewer main |
| 3/13/2024 | 24-024 | 26 Grant St. | Vent overflow | Main Clear | MH201,205 | Notified owner |
| 3/14/2024 | 24-025 | Rancocas St | Slow/Drainage | Main Slow | MH413,414 | Flush/Vac/root cut sewer main |
| 3/18/2024 | 24-026 | 215 Middleton St | Backflow on property | Main Clear | MH188,183 | Notified owner |
| 3/18/2024 | 24-027 | 263 Hooker | Vent overflow | Main Clear | MH175,230 | Located Vent |
| 3/21/2024 | 24-028 | 606 4th St | Vent overflow | Main Slow | MH306,307 | Flush/Vac/root cut sewer main |
| 3/22/2024 | 24-029 | Zurburgg and Pavilion | MH Frame | MH cover missing | Verizon's Manholed | Notified superintendent |
| 3/22/2024 | 24-030 | 215 Middleton St | Backflow on property | Main Clear | MH188,183 | Notified owner |
| 3/22/2024 | 24-031 | 525 Bridgeboro | Backflow on property | Main Clear | MH112,115,114 | Notified owner |
| 3/26/2024 | 24-032 | 15-17 Scott St | Slow/Drainage | Main Slow | MH74,77,79 | Notified superintendent |
| 3/26/2024 | 24-033 | 4th St. and Rancocas | Line Inspection | Main Slow | MH312,313,306,305 | Flush/Vac/root cut sewer main |
| 3/28/2024 | 24-034 | 320 Delaware Ave | Backflow on property | Main Clear | MH455,299 | Notified owner |
| 3/28/2024 | 24-035 | 230 Delaware Ave | Vent overflow | Main Clear | MH319,454,322 | Notified owner |
| 3/28/2024 | 24-036 | 239 Pavilion | Backflow on property | Main Clear | MH186,175 | Notified owner |
| 3/29/2024 | 24-037 | 438 Delaware Ave | Vent overflow | Main clear | MH299,296,237 | Notified owner |

INSPECTIONS:

Mr. Conard had no report.

SUPERINTENDENT'S REPORT:

Superintendent Jeffrey Conard reported that the Suspense Solid figures were below the limit, there was low influent and the high effluent did not exceed the limit. Superintendent Conard is still working on collecting data for the Nitrification tower Upgrades, the men assisted Haddon Heights Township with televising 8' main to investigate a sinkhole, two (2) broken yard hydrants were replaced at the plant, the new UV System is scheduled to ship on April 10th.

Superintendent Jeffrey Conard suggested including a step process when the CWA Contract opens. There was a brief discussion on hiring a laborer. The Authority stated to wait on advertising for the position since Public Works Employee John Jenkins is on the schedule part-time.

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 that the Audit is complete and the new vehicle will be delivered.

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

BILLS AND EXPENDITURES:

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

April 8, 2024
03:33 PM

RIVERSIDE SEWERAGE AUTHORITY
Check Register By Check Id

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 |
|---------|------------|---|-------------|-----------------|---------|
| 4742 | 04/08/24 | ALSEN005 ALS ENVIRONMENTAL | 662.75 | | 309 |
| 4743 | 04/08/24 | ALSEN005 ALS ENVIRONMENTAL | 1,230.30 | | 309 |
| 4744 | 04/08/24 | ALSEN005 ALS ENVIRONMENTAL | 251.50 | | 309 |
| 4745 | 04/08/24 | ALSEN005 ALS ENVIRONMENTAL | 398.25 | | 309 |
| 4746 | 04/08/24 | BARCLO05 BARCLAY GROUP | 2,054.64 | | 309 |
| 4747 | 04/08/24 | CINTA005 CINTAS CORPORATION | 2,534.54 | | 309 |
| 4748 | 04/08/24 | COLOR005 COLORCRAFT SIGN COMPANY | 80.00 | | 309 |
| 4749 | 04/08/24 | EASTC005 EAST COAST EMERGENCY LIGHTING | 25.30 | | 309 |
| 4750 | 04/08/24 | EMSLA005 EMSL ANALYTICAL INC | 108.00 | | 309 |
| 4751 | 04/08/24 | ENVIR010 ENVIRONMENTAL RESOURCE ASSOC. | 431.30 | | 309 |
| 4752 | 04/08/24 | EXTIN005 EXTINGUISHER SERVICES OF NJ | 228.00 | | 309 |
| 4753 | 04/08/24 | GRAIN005 GRAINGER | 33.09 | | 309 |
| 4754 | 04/08/24 | HANKI005 HANKINS AUTO BODY | 394.13 | | 309 |
| 4755 | 04/08/24 | HERTR005 HERTRICH FLEET SERVICES, INC. | 50,021.67 | | 309 |
| 4756 | 04/08/24 | IRONB005 IRONBROOK UV CORP | 7,400.00 | | 309 |
| 4757 | 04/08/24 | JEFFR010 JEFFREY M CONARD | 160.00 | | 309 |
| 4758 | 04/08/24 | LONGO005 LONGO ELECTRICAL CONTROLS LLC | 1,115.39 | | 309 |
| 4759 | 04/08/24 | LOWTH005 LOWTHER'S SMALL ENGINE REPAIR | 24.99 | | 309 |
| 4760 | 04/08/24 | MCMAS005 MCMASTER CARR SUPPLY CO. | 472.19 | | 309 |
| 4761 | 04/08/24 | MEGHA005 MEGHAN JACK | 299.86 | | 309 |
| 4762 | 04/08/24 | MNASS005 M & N ASSOCIATES COMPANY | 24,660.00 | | 309 |
| 4763 | 04/08/24 | NJAME005 N.J. AMERICAN WATER COMPANY | 22.67 | | 309 |
| 4764 | 04/08/24 | NJAME005 N.J. AMERICAN WATER COMPANY | 1,241.91 | | 309 |
| 4765 | 04/08/24 | ONECA005 ONE CALL CONCEPTS | 373.57 | | 309 |
| 4766 | 04/08/24 | PRIME005 PRIMEPOINT LLC | 192.50 | | 309 |
| 4767 | 04/08/24 | PSEG0005 PSE&G | 3,328.66 | | 309 |
| 4768 | 04/08/24 | RIVER010 RIVERSIDE BOARD OF EDUCATION | 100.00 | | 309 |
| 4769 | 04/08/24 | RIVER025 RIVERSIDE NAPA AUTO PARTS | 271.08 | | 309 |
| 4770 | 04/08/24 | RUTGE005 RUTGERS UNIVERSITY | 722.50 | | 309 |
| 4771 | 04/08/24 | SEASI005 SEASIDE WASTE SERVICES | 275.00 | | 309 |
| 4772 | 04/08/24 | STEVE015 STEVENSON SUPPLY CO., INC. | 483.69 | | 309 |
| 4773 | 04/08/24 | THOMA015 THOMAS SCIENTIFIC, LLC | 600.84 | | 309 |
| 4774 | 04/08/24 | TREAS010 TREASURER, BURLINGTON COUNTY | 1,402.59 | | 309 |
| 4775 | 04/08/24 | UGIEN005 UGI ENERGY SERVICES LLC | 1,080.62 | | 309 |
| 4776 | 04/08/24 | VERIZ005 VERIZON | 159.25 | | 309 |
| 4777 | 04/08/24 | VERIZ010 VERIZON WIRELESS | 70.33 | | 309 |
| 4778 | 04/08/24 | WESTE005 WESTERN TERMITE & PEST CONTROL | 105.00 | | 309 |

| Report Totals | Paid | Void | Amount Paid | Amount Void |
|-----------------|------|------|-------------|-------------|
| Checks: | 37 | 0 | 103,016.11 | 0.00 |
| Direct Deposit: | 0 | 0 | 0.00 | 0.00 |
| Total: | 37 | 0 | 103,016.11 | 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. Mingin that the meeting be adjourned, and so declared by Chairman Giovanetti.


Susan M. Dydek, RMC
Authority Secretary