Monday Afternoon Riverside, NJ June 13, 2016 Regular Meeting 4:53pm

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 Riverside Township Administrative Office Building on February 16, 2016.

2. Written notice was delivered to the Burlington County Times on February 16, 2016 and the Courier Post on February 16, 2016.

3. Filed written notice with the Clerk of the Township of Riverside on February 16, 2016.

The regular meeting of the Riverside Sewerage Authority was held on the above date at the Riverside Township Municipal Building with the following members present: Messrs. Mingin, Conard, Van Meter, Horton and Haman along with Authority Secretary Susan M. Dydek, Treasurer Meghan Jack, Superintendent Joseph Bader and Assistant Superintendent Jeffrey Conard

APPROVAL OF MINUTES:

Motion made by Mr. Horton and Mr. Mingin that the minutes of the Work Session Meeting of May 9, 2016, the Regular Meeting of May 9, 2016 and the Closed Session Meeting of May 9, 2016 be approved as written. Upon roll call the vote was as follows: Ayes – Messrs. Horton, Mingin, Van Meter and Conard. Nays – None. Abstain – Mr. Haman. Motion carried.

PUBLIC PORTION - (TECHNICAL):

Chairman Haman opened the Public Portion (Technical).

In seeing that there were no members of the Public wishing to speak during the Technical Portion, motion made by Mr. Horton and Mr. Mingin carried: Public Portion be closed.

OLD BUSINESS:

None.

NEW BUSINESS:

- 1) Stout & Caldwell Change in billing at 17 21 Lafayette Street. Authorization to change the billing rate to six (6) residential units for 17-21 Lafayette Street made on motion by Messrs. Horton and Mingin carried.
- 2) Senior Citizen Discount. Mr. Horton made a motion authorizing to bill back accounts and change the policy regarding the Senior Citizen Discounts carried.
- 3) Root 24 (Ed) Main is backed up at 312 Lippincott Avenue.
- 4) Henry Grill 76 N. Chester Avenue Sewer backing up into house.
- 5) Christina Coelho 331 Bem Street Sewer backing up.

ACTION:

- 1) Mr. Conard made a motion authorizing to hire John W. Dydek and Joseph Henry as full time laborers at \$12.00 an hour with a \$1.00 increase after one year and another \$1.00 increase after eighteen months providing they complete Basic and Advanced Wastewater Classes and obtain a CDL B within 6 months seconded by Mr. Van Meter carried.
- 2) Mr. Conard made a motion authorizing to approve a Memorandum of Agreement to adjust the salaries of John Jenkins and Joseph Cunningham seconded by Mr. Mingin carried.
- 3) Mr. Horton made a motion to authorize to approve a Memorandum of Agreement to resolve the pay grievance seconded by Mr. Conard carried.
- 4) Authorization to enter into a Debt Service Agreement with Riverside Township for JetVac payments made on motion by Messrs. Horton and Mingin carried.

CORRESPONDENCE:

- 1) Remy Investments Jacob Moyal Remy investments will no longer accept bills for account number 1671449-1 and request an immediate refund of all monies that are due to them.
- 2) Michael Mongon Riverside Township School District Students selected to receive William H. Ruehmling Award.

REPORTS:

PLANT:

Mr. Mingin had no report.

APPEALS:

Mr. Horton reported that as soon as Remy Investments comes to an agreement, the issue will be settled.

REVENUE AND FINANCE:

Mr. Haman reported that the Union Contract was settled.

STREETS:

Mr. Van Meter stated that the Superintendent will give his report.

SUPERINTENDENT'S REPORT:

Superintendent Bader reported that the Plant will begin working summer hours, from 6:30am – 3:00pm however, he will continue to work his normal hours. Superintendent Bader reported that Plant Employee John Jenkins obtained his CDL Class B License. There will be a Confined Space Drill on June 28, 2016, there was a power outage on June 9, 2016 and a line had to be replaced. Corrections to the PEOSH Audit are being continued. Pennoni Engineering has continued their work on the development of the Standards, Regulations and Drawings for a Lateral Disconnection from Riverside's Collection System.

The report is on file in the Authority Secretary's Office.

Motion made by Mr. Horton and Mr. Conard to accept the Superintendent's report carried.

ENGINEER'S REPORT:

The Engineer's Report was submitted. No questions or concerns were presented.

CONSULTANT – MR. ORFE:

Mr. Orfe was not in attendance.

MONTHLY FINANCIAL REPORT:

Treasurer Jack reported that the bill list has been distributed.

Motion made by Mr. Van Meter and Mr. Conard to accept all report as read carried.

BILLS AND EXPENDITURES:

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

PUBLIC PORTION (INFORMATIONAL):

Chairman Haman opened the Public Portion.

RIVERSIDE SEWERAGE AUTHORITY PLANT OPERATOR'S REPORT AUTHORITY MEETING – June 13, 2016

- 1. The Plant Performance Summary for April, 2016 is attached for review. There were no violations during this report period. Residuals [Sludge] Management Summary for April, 2016 is also attached for review. Dewatered sludge [25yds] was removed by the Woolston Company for composting at the County facility.
- 2. The Trouble Log Summary for May, 2016 is attached for review.
- 3. The Line Maintenance Summary for May, 2016 attached for review.
- 4. The Activities Report for May/June, 2016 is attached for review.
- 5. Measurements taking on June 8, 2016 for Secondary Digester Dome are North 27 1/4", South 31 1/2", East 28", and West 31 1/4". There is a 4" tilt to the digester cover currently.
 - [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. Until the repairs to the Primary Digester mixing system are made, the digester won't produce enough gas to lift the Secondary Digester Dome roof].
- 6. Three contractors [Municipal Maintenance, Shaft and Sleeves and Deltronics] were contacted for a quotation on the replacement of the damaged Wemco pump for the Sludge Station. One quote was received from [Municipal Maintenance (\$17,650.00)]. Requesting permission to accept the Municipal Maintenance quotation.
- 7. Willier Electric was awarded the job to replace the damaged compressor for the Belt Filter Press. Willier Electric completed the install June 8, 2016 and the compressor is operating as designed.
- 8. Sand Filter #3 was removed from service for maintenance. The out of service case # is 160304101826. RSA at this time is waiting on material from Enecon to repair the damaged hood.
- 9. The new Influent Check Valve for Sand Filter 3 was received May 16, 2016. The installation of the new valve has been completed.
- 10. The Department of Labor was onsite June 3, 2016 to review RSA's PEOSH audit corrections. The confined space training needs to be completed with Cinnaminson before the audit can be closed.
- 11. The contractor [ABS Electric] that was awarded the SCADA replacement project disclosed their work schedule. [The schedule is attached for review].
- 12. M&N Associates was contracted to replace three manholes, MH 268 Devon Road, MH 164 Fairview Street and MH 337 Fairview Street. Installation has been completed.
- 13. Bevan Security was onsite to complete the annual inspection of the fire alarm system. The system is operating as designed.

RIVERSIDE SEWERAGE AUTHORITY PLANT OPERATOR'S REPORT AUTHORITY MEETING – June 13, 2016

- 14. Pennoni has continued their work on the development of the standards, regulations, and drawings for a lateral disconnection from Riverside's Collection System.
- 15. The analyzed pH reported value submitted to ERAQC that is required for the laboratory's yearly certification was out of range. A second pH PT Analysis will be performed.
- 16. Pennoni contacted RSA about a manhole issue on Adams Street. The road surface is being replaced and a manhole would extend at least four inches above the street surface when the surface replacement would be completed. RSA issued an Emergency Statement for the replacement of the manhole and M&N Associates was awarded the job to replace the manhole. The replacement has been completed.

SUBMITTED BY

JOSEPH G. BADER SUPERINTENDENT

| B. B. M. J. B. | T | | | | |
|--|--|-----------------|---------------------|---|---------------|
| PARAMETER | PERMIT | REPORTED | PARAMETER | PERMIT | REPORTED |
| FLOW, EFFLUENT | | Security States | NITRATE (ASIN) EFF | | |
| Monthly Avg | Report | 0.42 MGD | Mon Avg Conc | Report | Code=N MG/L |
| Daily Maximum | Report | 0.51 MGD | Daily Max Conc | Report | Code=N MG/L |
| 5 DAY BOD INFLUEN | معلوره والمطلق فيتسيرون بتنو بالطلوا لإمواج فيشاره والامواج والاوالان والم | | E,COLI | | |
| Mon Avg Conc | Report | 184.50 MG/L | Monthly Avg | Report | Code=N /100ML |
| Weekly Avg Conc | Report | 215.00 MG/L | Instant Max | Report | Code=N /100ML |
| 5 DAY BOD, EFFLUEN | | | FECAL COLIFORM, E | FFLUENT | |
| Mon Avg Loading | 98 KG/D | 14.55 KG/D | Monthly Avg | 200/100ML | 2.00 /100ML |
| Weekly Avg Loading | 147 KG/D | 17.69 KG/D | Weekly Avg | 400/100ML | 2.00 /100ML |
| Mon Avg Conc | 30 MG/L | 9.90 MG/L | BIOASSAY EFFLUEN | Title | |
| Weekly Avg Conc | 45 MG/L | 13.10 MG/L | LC50 96 hr Acute | 50% | Code=N % |
| 5.DAY BOD REMOVAL | EFFICIENCY | | IC25 7 day Chronic | Report | Code=N % |
| Mon Avg Minimum | 88.5% | 94.78 % | CHLORINE PRODUCE | D OXIDANTS. | EFFLUENT |
| pH INFLUENT | | | Mon Avg Conc | Report | Code=N MG/L |
| Minimum | Report | 6.65 S.U. | Daily Max Conc | Report | Code=N MG/L |
| Maximum | Report | 7.60 S.U. | TEMPERATURE/INFL | UENTER | |
| ph; effluent | | | Minimum | Report | 16.40 DEG C |
| Minimum | 6.00 S.U. | 6.20 S.U. | Monthly Avg | Report | 17.87 DEG C |
| Maximum | 9.00 S.U. | 6.87 S.U. | Maximum | Report | 19.90 DEG C |
| TOTAL SUSP SOLIDS | INFLUENT | | TEMPERATURE, EFFL | UENT. | |
| Mon Avg Conc | Report | 106.67 MG/L | Minimum | Report | 14.12 DEG C |
| Weekly Avg Conc | Report | 131.00 MG/L | Monthly Avg | Report | 17.16 DEG C |
| TOTAL SUSP SOLIDS | EFFLUENT | | Maximum | Report | 19.80 DEG C |
| Mon Avg Loading | 113 KG/D | 14.89 KG/D | DISSOLVED OXYGEN | CREATING CONTRACTOR CONTRACTOR | |
| Weekly Avg Loading | 170 KG/D | 17.71 KG/D | Wkly Avg Conc [Min] | 4.0 MG/L | 8.06 MG/L |
| Mon Avg Conc | 30 MG/L | 9.67 MG/L | PHOSPHOROUS, EFFL | Attraction of the state of the | |
| Weekly Avg Conc | 45 MG/L | 13.00 MG/L | Mon Avg Conc | Report | 5.02 MG/L |
| TOTAL SUSP SOLIDS I | يت بنيت و يا المنظم و الما المنظم و الما المنظم | ICIENCY | Weekly Avg Conc | Report | 0.00 MG/L |
| Mon Avg Minimum | 85.0% | 90.93 % | COPPER, EFFLUENT | | |
| OIL&GREASE, EFFLUE | NT | | Mon Avg Conc | Report | Code=N MG/L |
| Mon Avg Conc | 10 MG/L | 2.29 MG/L | Daily Max Conc | Report | Code=N MG/L |
| Daily Max Conc | 15 MG/L | 2.29 MG/L | ZINC, EFFLUENT | ANGELIA SERVE E | |
| AMMONIA NITROGEN (| NOV-APR), EF | FLUENT | Mon Avg Conc | Report | Code=N MG/L |
| Mon Avg Loading | 75.7 KG/D | 0.1649 KG/D | Daily Max Conc | Report | Code=N MG/L |
| Daily Max Loading | 151.4 KG/D | | TOTAL DISSOLVED SC | | |
| Mon Avg Conc | 20 MG/L | 0.1067 MG/L | Mon Avg Conc | Report | 380.00 MG/L |
| Daily Max Conc | 40 MG/L | 0.1400 MG/L | Weekly Avg Conc | Report | 380.00 MG/L |

| A STATE OF THE OWNER OW | | Special Williams of the State of the Company of the | an an an a sufficient a front and an area |
|--|-------------|--|---|
| SLUDGEPRODUCED | | RAW SLUDGE | · 大小的 作声 10 P |
| Total Gallons | 0.00 gal | % Total Solids, minimum | 0.00 % |
| Average Gallons/Day | 0.00 gpd | | 0.00 % |
| Total Dry Tons | 3.20 dt | % Total Solids, maximum | 0.00 % |
| Average Dry Tons/ Day | 0.11 dt/d | | 4.80 % |
| Total Metric Tons | 3.00 mt | % Total Volatile Solids, average | 0.00 % |
| Average Metric Tons/Day | 0.10 mt/c | 1 % Total Volatile Solids, maximum | 6.65 % |
| 70.000 | | pH minimum | 0.10 s.u. |
| LIQUID SLUDGE REMOVE | D () | pH maximum | 0.20 s.u. |
| Total Gallons | N.R. gal | sludge sample temperature, min | 0.10 C |
| Average Gallons/Day | N.R. gpd | sludge sample temperature, avg | 0.11 C |
| Total Dry Tons | N.R. dt | sludge sample temperature, max | 0.20 C |
| Average Dry Tons/ Day | N.R. dt/d | | |
| Total Metric Tons | N.R. mt | PRIMARY DIGESTER SLUD | GE 1 |
| Average Metric Tons/Day | N.R. mt/d | % Total Solids, minimum | 16.30 % |
| % Total Solids, Minimum | #REFI % | % Total Solids, average | 18.70 % |
| % Total Solids, Average | #REFI % | % Total Solids, maximum | 21.60 % |
| % Total Solids, Maximum | #REF! % | % Total Volatile Solids, minimum | 0.00 % |
| pH, Minimum | #REFI s.u. | % Total Volatile Solids, average | 0.00 % |
| pH, Maximum | #REFI s.u. | % Total Volatile Solids, maximum | 0.00 % |
| | | pH minimum | 0.00 s.u. |
| DEWATERED SLUDGE REMO | VED | pH maximum | 0.10 s.u. |
| Total Gallons to Belt Press | 0.00 gal | sludge sample temperature, min | 0.00 C |
| Average Gallons/Day | 0.00 gpd | sludge sample temperature, avg | 0.10 C |
| % Total Solids, minimum | 0.00 % | sludge sample temperature, max | 0.10 C |
| % Total Solids, average | 0.00 % | | |
| % Total Solids, maximum | 0.00 % | SECONDARY DIGESTER SLU | DGE |
| % Total Volatile Solids, minimum | 24.80 % | % Total Solids, minimum | 6.95 % |
| % Total Volatile Solids, average | 0.00 % | % Total Solids, average | 0.00 % |
| % Total Volatile Solids, maximum | 33.70 % | % Total Solids, maximum | 7.01 % |
| Total Cubic Yards Removed | 25,00 cu yd | % Total Volatile Solids, minimum | 24.80 % |
| Average Cubic Yards/Day | 0.83 cy/d | % Total Volatile Solids, average | 0.00 % |
| Total Dry Tons | 0.00 dt | % Total Volatile Solids, maximum | 33.70 % |
| Average Dry Tons/ Day | 0.00 dt/d | pH minimum | 0.00 s.u. |
| Total Metric Tons | 0.00 mt | pH maximum | 0.10 s.u. |
| Average Metric Tons/Day | 0.00 mt/d | sludge sample temperature, min | 20.80 C |
| | | sludge sample temperature, avg | #REFI C |
| OPERATIONS | | sludge sample temperature, max | #REF! C |
| Heat Exchange, Temp In, min | 100.00 F | | |
| Heat Exchange, Temp In, avg | 101.63 F | VOLATILE SOLIDS REDUCTION | NC. |
| Heat Exchange, Temp In, max | | Raw to Secondary Digester, minimum | N.R. % |
| Heat Exchange, Temp Out, min | | Raw to Secondary Digester, average | N.R. % |
| Heat Exchange, Temp Out, avg | | Raw to Secondary Digester, maximum | N.R. % |
| Heat Exchange, Temp Out, max | 106.00 F | | |
| Detention Time, Primary Digester | days | • | |
| Detention Time, Secondary Digester | days | | |
| | | | |

N.R. = None Removed N.S. = Not Sampled N.W. = Not Working O.O.S. = Out Of Service R.T.S. = Return To Service N.I.S. = Not In Service

May 2016 Trouble Log Summary

| | lionisoder - | Notified owner/tennant | Notified owner/remon | יייייייייייייייייייייייייייייייייייייי | Flush/vac/root cut sewer main | Notified owner/tennant |
|-----------------------|-------------------|------------------------|----------------------|--|-------------------------------|------------------------|
| Condition(s) Found | | Lateral blocked | Main clear | | rateral blocked | Main clear |
| Condition(s) Reported | 1, m | veilt overtiow | Other | Vent overflow | | packiow into property |
| Address | 700 BRIDGEBORO ST | ייי אמת מפיעם 202 | JOST TAVER DRIVE | 312 LIPPINCOTT DRIVE | 76 NORTH CHESTER | |
| Date Report # | 2016-047 | 2016-048 | 0,000 | 2010-049 | 2016-050 | |
| Date | 5/16/2016 | 5/16/2016 | 5/18/2016 | | 5/31/2016 | |

May 2016 Line Maintenance Summary

| Remarks FOUND GRIT AND RAGS | |
|--------------------------------|--|
| Distance 251 | |
| Diameter 8" | |
| Section 327-326 | |
| Location Lippincott Ave. | |
| Report # | |
| <i>Date</i> 5/18/2016 | |

RIVERSIDE SEWERAGE AUTHORITY PO BOX 188 RIVERSIDE, NJ 08075

Office (856) 461-1460

Plant (856) 461-0700

Fax (856) 461-0428

ACTIVITIES REPORT May/June 2016

Pennoni Associates were contacted May 5, 2016 on the progress of the Lateral Disconnection Standards. The standards have not been completed at this time.

Net Carrier was contacted about a dead phone line for the fire alarm system. The phone line is a land line that Verizon will need to repair. Repair date is May 10, 2016.

Bevan Securities was contacted about a fault with the fire alarm system. The alarm will not clear. Bevan found a second faulty land line that Verizon will need to repair. The second line was added to the May 10, 2016 repair ticket.

David Kershner was contacted for a quote to repair the damaged Sand Filter hood.

NozzTeq was onsite to train the plant employees on the new flushing nozzle RSA purchased.

Jeff, Joe C. and Joe D. attended a JIF Safety Course in Bordentown.

Jeff and John attended a JIF Safety Course in Evesham.

The plant employees were trained on repairs for the UV System.

Joe B. attended a Union Meeting at the Town Hall.

Joe B. attended the NJWEA Conference May 16-20, 2016.

The new influent check valve for Sand Filter #3 was received and install was started.

The influent check valve for Sand Filter #3 has been completed.

M&N Associates replaced three manholes, MH 268 Devon Road, MH 164 Fairview Street and MH 337 Fairview Street.

Jeff & John traveled to Cherry Hill DMV for John's CDL exam.

McAfee Virus Protection was installed on Joe B office computer and the lunchroom computer.

A new wireless router and battery backup was ordered for the Building 1 office.

The Travel Reimbursement form for the NJWEA Conference was submitted to the Town Hall.

The recirculation valve for the NT tower was adjusted from 50% to 30%.

Routine maintenance was performed on Bank A and Bank B of the UV System.

RIVERSIDE SEWERAGE AUTHORITY PO BOX 188 RIVERSIDE, NJ 08075

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and the second

Plant (856) 461-0700

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All Industrial Safety completed the calibration of the atmospheric meter.

Industrial Valley onsite to troubleshoot the starting issues with the 75kw generator. The mechanic believes the governor may be bad and in the future may need replacement.

Timmerman was onsite to deliver the training sign-in sheet for the initial training.

Another copy of RSA's permit was emailed to QC/Eurofin for their records.

The Department of Labor was onsite to review RSA's mandated corrections. The confined space training needs to be completed with Cinnaminson.

Willier Electric onsite to install outside lights on Building 2. Found a bad photo cell will return at a later date to replace.

Pennoni contacted RSA about a manhole issue on Adams St. The road surface is being replaced and a manhole would extend at least four inches above the street surface when the surface replacement would be completed. RSA issued an Emergency Statement for the replacement of the manhole and M&N Associates was awarded the job to replace the manhole. The replacement has been completed.

Pennoni delivered the SCADA contract to the plant for review.

Bevan Security was onsite to complete the annual inspection of the fire alarm system. The system is operating as designed.

Riverside WWTP Project

ABS Electric, Inc. proposed work schedule is as follows:

Shop drawing submittal (date approx.):

June 20, 2016

Shop drawing review:

4 Weeks

Release of equipment:

July 22, 2016

Delivery of equipment:

6-8 weeks after approval

Work period (approx.):

September 19, 2016 - November 11, 2016

Startup and testing:

1-2 weeks

Joe Bill

ABS Electric, Inc.

In seeing that no members of the Public wished to speak, motion made by Mr. Horton and Mr. Van Meter: Public Portion be closed.

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 Haman.

Susan M. Dydek, RMC/

Authority Secretary

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