

Monday Afternoon
Riverside, NJ
June 10, 2019
Regular Meeting
4:35pm

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 13, 2019.
2. Written notice was delivered to the Burlington County Times and the Courier Post on February 13, 2019.
3. Filed written notice with the Clerk of the Township of Riverside on February 13, 2019.

The regular meeting of the Riverside Sewerage Authority was held on the above date at the Riverside Township Municipal Building, 1 W. Scott Street Riverside, NJ 08075.

ROLL CALL

Mr. Mingin – present, Mr. Horton – present, Mr. Conard – not in attendance, Mr. Van Meter – present, Mr. Haman – present.

Also present: Secretary Susan M. Dydek and Plant Superintendent Joseph Bader.

RESOLUTION:

Mr. Horton made a motion to adopt Resolution 2019 - #20 entitled, “A Resolution of the Riverside Sewerage Authority Awarding the Contract for Sludge Hauling” seconded by Mr. Mingin carried.

Mr. Horton made a motion to adopt Resolution 2019 - #21 entitled, “Resolution of the Riverside Sewerage Authority Certification of the Annual Audit” seconded by Mr. Mingin carried.

APPROVAL OF MINUTES:

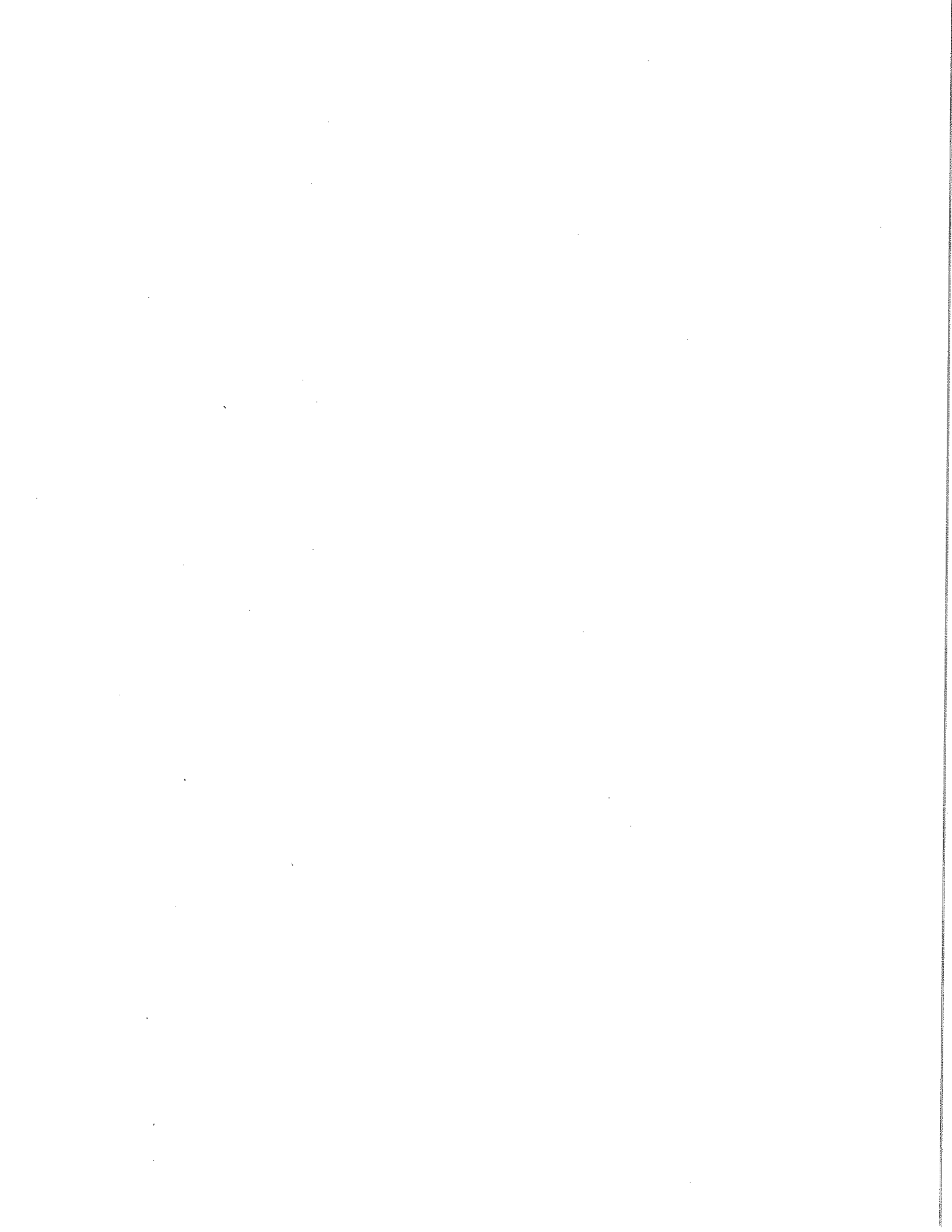
Motion made by Mr. Horton and Mr. Van Meter that the minutes of the Work Session Meeting of May 13, 2019, the Regular Meeting of May 13, 2019 and the Closed Session Meeting of May 13, 2019 be approved as written. Upon roll call the vote was as follows: Ayes – Messrs. Horton, Van Meter and Haman. Nays – None. Abstain – Mr. Mingin. Motion carried.

PUBLIC PORTION – (TECHNICAL):

In seeing no members of the public present, Public Portion (Technical) was not opened.

OLD BUSINESS:

- 1) SJM Riverside (Taubel Mills) – No update.



RESOLUTION 2019 - #20A RESOLUTION OF THE RIVERSIDE SEWERAGE AUTHORITY AWARDING
THE CONTRACT FOR SLUDGE HAULING.

WHEREAS, the Riverside Sewerage Authority has requested quotes for Sludge Hauling;
and

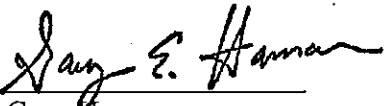
WHEREAS, quotes have been received from the following for the same in accordance
with the request:

| <u>Bidder:</u> | <u>Year 1:</u> | <u>Year 2:</u> | <u>Year 3:</u> |
|------------------|----------------|----------------|----------------|
| Woolston | \$205.00 | \$212.00 | \$220.00 |
| Gold Medal | \$0.00 | \$0.00 | \$0.00 |
| Waste Management | \$0.00 | \$0.00 | \$0.00 |

WHEREAS, the bid of Woolston for the removal/hauling of Dewatered Sludge to be
disposed of at the Burlington County Resource Recovery Center for the service fee / haul
fee of \$205.00 for year 1, \$212.00 for year 2 and \$220.00 for year 3 is hereby determined
by the Riverside Sewerage Authority to be a responsible quote.

NOW, THEREFORE, BE IT RESOLVED, by the Riverside Sewerage Authority that
the Contract for Sludge Hauling Removal shall be awarded to Woolston.

Adopted the 10th day of June 2019 at a Regular Meeting of the Riverside Sewerage
Authority.



Gary Haman
Chairman



Susan M. Dydek, RMC
Authority Secretary.

RIVERSIDE SEWERAGE AUTHORITY
CERTIFICATION OF THE ANNUAL AUDIT
RESOLUTION 2019 - #21

WHEREAS, N.J.S.A. 5A: 5 requires the governing body of every local authority to cause an annual audit of its accounts to be made, and

WHEREAS, the Annual Report of Audit for the fiscal year ended December 31, 2018 has been completed and filed with the Riverside Sewerage Authority pursuant to N.J.S.A. 40A: 5-15, and

WHEREAS, N.J.S.A. 40A:5A-17, required the governing body of each authority to, within 45 days of receipt of annual audit, certify by resolution to the Local Finance Board that each member there has personally reviewed the annual audit report, and specifically the sections of the Annual Audit entitled "Comments and Recommendations, as evidenced same by group affidavit in the form prescribed by the Local Finance Board, and

WHEREAS, the members of the governing body have received the annual audit and have personally reviewed the annual audit, and have specifically reviewed the sections of the annual audit report entitled "General Comments" and "Recommendations" in accordance with N.J.S.A. 40A:5A-17

NOW, THEREFORE BE IT RESOLVED, that the governing body of the Riverside Sewerage Authority, hereby certifies to the Local Finance Board of the State of New Jersey, that the governing body member has personally reviewed the sections of the audit report entitled, "General Comments" and "Recommendations", and has evidenced same group affidavit in the form prescribed by the Local Finance Board.

NOW, THEREFORE BE IT RESOLVED that the Secretary of the authority is hereby directed to promptly submit to the Local Finance Board the aforesaid group affidavit, accompanied by a certified true copy of this resolution.

I HEREBY CERTIFY THAT THIS IS A TRUE COPY OF THE RESOLUTION PASSED AT THE MEETING HELD ON JUNE 10, 2019.



Susan M. Dydek, RMC
Authority Secretary.

- 2) CWA Local 1036 negotiations – Mr. Haman and Mr. Horton met with Florence Mc Namara from the CWA.

NEW BUSINESS:

- 1) Matt Sullivan – 227 Delaware Avenue – Sewer backing up in the house (Received call 5-30-19) – Superintendent Bader reported that the main was clear and this is a homeowner's issue.
- 2) Pennoni Engineering – Sewerage Treatment Plant Evaluation – The Authority recommended that the evaluation be done by the Plant Superintendent and the Assistant Superintendent.
- 3) NJSLOM Convention.

ACTION:

None.

CORRESPONDENCE:

- 1) Patrick F. McAndrew, Attorney – Planning Board Notice.
- 2) Riverside Township School District – George F. Conard Sr. Award.

REPORTS:

PLANT:

Mr. Conard was not in attendance.

APPEALS:

Mr. Mingin reported that everything is good.

REVENUE AND FINANCE:

Mr. Haman reported that he will contact Treasurer Jack to prepare a new spreadsheet for the contract negotiations.

STREETS:

Mr. Van Meter reported that there were two major breaks on Pulaski Avenue and that he did an inspection on a property located Fourth Street and Delaware Avenue.

INSPECTIONS:

Mr. Horton had no report.

SUPERINTENDENT'S REPORT:

Superintendent Bader reported that emergency collection main repairs were done on the Pulaski Avenue sewerage collection main located between River Drive and Polk Street. There were BOD5 and TSS effluent violation in January 2018. The Riverside Sewerage Authority believes that these violation are lab errors that Eurofin Labs reported. The Riverside Sewerage Authority Defense for the violations may not be approved, which may result in a NJDEP fine.

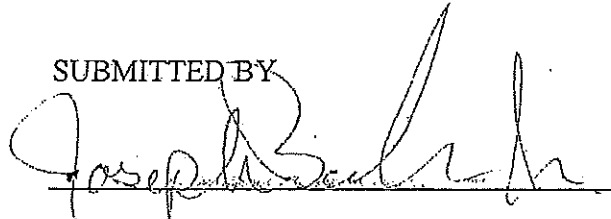
**RIVERSIDE SEWERAGE AUTHORITY
PLANT OPERATOR'S REPORT
AUTHORITY MEETING - June 10, 2019**

1. The Plant Performance Summary for April, 2019 is attached for review. The Residuals [Sludge] Management Summary for April, 2019 is also attached for review. Dewatered sludge [25 yds] was removed by the Woolston Company for composting at the County facility.
2. The Trouble Log Summary for May, 2019 is attached for review.

No Properties were reported to the NJDEP for a lateral vent overflow this reporting period.
3. There is no Line Maintenance Summary for May, 2019 attached for review.
4. Measurements taking on June 8, 2019 for the Secondary Digester are North 9", South 14", East 10", and West 14". There is a 5" 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.
5. Emergency Collection Main repairs were require on the Pulaski Street sewage collection main located between River Drive and Polk Street.
6. Shafts and Sleeves have completed the required Piping repairs for the Sludge Recirculation #2 Pump for the Primary Digester. The pump is now operating as designed and was returned to service.
7. The majority of the deficiencies reported by the NJDEP Office of Quality Assurance on-site evaluation have been corrected as of the writing of this report. A correspondence response was sent to the NJDEP. A copy of the response is on file at the Town Hall.
8. Pump 2 for Pump Station #1 has not returned from Willier Electric as of the submission of this report. The pump required rebuilding.
9. There were BOD5 & TSS effluent violations in January 2018. RSA believed these violations to be Lab errors with Eurofin Labs and reported these violations as such on the January's DMR's. The RSA Affirmative Defense for the violations may not be approved, which may result in a NJDEP fine. ~~[No further information was received during this reporting period].~~

SUBMITTED BY



JOSEPH G. BADER
SUPERINTENDENT

PLANT PERFORMANCE SUMMARY

April 2019

| PARAMETER | PERMIT | REPORTED | PARAMETER | PERMIT | REPORTED |
|--------------------------------------|------------|-------------|--------------------------------------|-----------|-------------------------------|
| FLOW, INFLUENT | | | NITRATE {AS N}, EFFLUENT | | |
| Monthly Avg | Report | 1.03 MGD | Mon Avg Conc | Report | 1/6 Months Code=N MG/L |
| Daily Maximum | Report | 1.25 MGD | Daily Max Conc | Report | Code=N MG/L |
| FLOW, EFFLUENT | | | E. COLI | | |
| Monthly Avg | Report | 0.94 MGD | Monthly Avg | Report | 13.27 /100ML |
| Daily Maximum | Report | 1.12 MGD | Instant Max | Report | 13.27 /100ML |
| 5 DAY BOD, INFLUENT | | | FECAL COLIFORM, EFFLUENT | | |
| Mon Avg Conc | Report | 163.53 MG/L | Monthly Avg | 200/100ML | 7.00 /100ML |
| Weekly Avg Conc | Report | 207.00 MG/L | Weekly Avg | 400/100ML | 7.00 /100ML |
| 5 DAY BOD, EFFLUENT | | | BIOASSAY, EFFLUENT | | |
| Mon Avg Loading | 98-KG/D | 37.98 KG/D | LC50-96 hr Acute | 50% | 1/6 Months Code=N % |
| Weekly Avg Loading | 147 KG/D | 42.53 KG/D | IC25 7 day Chronic | Report | Code=N % |
| Mon Avg Conc | 30 MG/L | 10.17 MG/L | CHLORINE PRODUCED OXIDANTS, EFFLUENT | | |
| Weekly Avg Conc | 45 MG/L | 11.50 MG/L | Mon Avg Conc | Report | 0.114 MG/L |
| 5 DAY BOD REMOVAL EFFICIENCY | | | Daily Max Conc | Report | 0.114 MG/L |
| Mon Avg Minimum | 88.5% | 92.98 % | TEMPERATURE, INFLUENT | | |
| pH, INFLUENT | | | Minimum | Report | 13.60 DEG C |
| Minimum | Report | 6.52 S.U. | Monthly Avg | Report | 16.77 DEG C |
| Maximum | Report | 7.39 S.U. | Maximum | Report | 18.60 DEG C |
| pH, EFFLUENT | | | TEMPERATURE, EFFLUENT | | |
| Minimum | 6.00 S.U. | 5.93 S.U. | Minimum | Report | 13.70 DEG C |
| Maximum | 9.00 S.U. | 6.86 S.U. | Monthly Avg | Report | 17.10 DEG C |
| TOTAL SUSP SOLIDS, INFLUENT | | | Maximum | Report | 19.20 DEG C |
| Mon Avg Conc | Report | 157.00 MG/L | DISSOLVED OXYGEN, EFFLUENT | | |
| Weekly Avg Conc | Report | 169.00 MG/L | Wkly Avg Conc [Min] | 4.0 MG/L | 6.05 MG/L |
| TOTAL SUSP SOLIDS, EFFLUENT | | | PHOSPHOROUS, EFFLUENT | | |
| Mon Avg Loading | 113 KG/D | 155.90 KG/D | Mon Avg Conc | Report | 3.40 MG/L |
| Weekly Avg Loading | 170 KG/D | 358.70 KG/D | Weekly Avg Conc | Report | 3.40 MG/L |
| Mon Avg Conc | 30 MG/L | 42.00 MG/L | COPPER, EFFLUENT | | |
| Weekly Avg Conc | 45 MG/L | 97.00 MG/L | Mon Avg Conc | Report | Quarterly Only 0.0294 MG/L |
| TOTAL SUSP SOLIDS REMOVAL EFFICIENCY | | | Daily Max Conc | Report | 0.0294 MG/L |
| Mon Avg Minimum | 85.0% | 70.92 % | ZINC, EFFLUENT | | |
| OIL&GREASE, EFFLUENT | | | Mon Avg Conc | Report | Quarterly Only 0.0000 MG/L |
| Mon Avg Conc | 10 MG/L | Code=N MG/L | Daily Max Conc | Report | 0.0000 MG/L |
| Daily Max Conc | 15 MG/L | Code=N MG/L | TOTAL DISSOLVED SOLIDS | | |
| AMMONIA NITROGEN (NOV-APR), EFFLUENT | | | Mon Avg Conc | Report | 1216.62 MG/L |
| Mon Avg Loading | 75.7 KG/D | 0.3590 KG/D | Weekly Avg Conc | Report | 1216.62 MG/L |
| Daily Max Loading | 151.4 KG/D | 0.4068 KG/D | | | |
| Mon Avg Conc | 20 MG/L | 0.0960 MG/L | | | |
| Daily Max Conc | 40 MG/L | 0.1100 MG/L | | | |

Code=N Not Required This Monitoring Period
 LC50 96 hr Acute Required 1/6monthes
 IC25 7 day Chronic Required 1/ 12 Monthes

RESIDUALS MANAGEMENT SUMMARY

April 2019

| SLUDGE PRODUCED | | RAW SLUDGE | |
|------------------------------------|--------------|------------------------------------|-----------|
| Total Gallons | 67900.00 gal | % Total Solids, minimum | 3.00 % |
| Average Gallons/Day | 2263.33 gpd | % Total Solids, average | 3.47 % |
| Total Dry Tons | 3.20 dt | % Total Solids, maximum | 4.40 % |
| Average Dry Tons/ Day | dt/d | % Total Volatile Solids, minimum | 83.33 % |
| Total Metric Tons | mt | % Total Volatile Solids, average | 84.34 % |
| Average Metric Tons/Day | mt/d | % Total Volatile Solids, maximum | 86.36 % |
| | | pH minimum | 4.87 s.u. |
| | | pH maximum | 5.52 s.u. |
| LIQUID SLUDGE REMOVED | | | |
| Total Gallons | N.R. gal | sludge sample temperature, min | 15.70 C |
| Average Gallons/Day | N.R. gpd | sludge sample temperature, avg | 18.72 C |
| Total Dry Tons | N.R. dt | sludge sample temperature, max | 22.60 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 | 1.08 % |
| % Total Solids, Average | N.R. % | % Total Solids, maximum | 1.90 % |
| % Total Solids, Maximum | N.R. % | % Total Volatile Solids, minimum | 72.94 % |
| pH, Minimum | N.R. s.u. | % Total Volatile Solids, average | 83.80 % |
| pH, Maximum | N.R. s.u. | % Total Volatile Solids, maximum | 100.00 % |
| | | pH minimum | 6.75 s.u. |
| | | pH maximum | 7.03 s.u. |
| DEWATERED SLUDGE REMOVED | | | |
| Total Gallons to Belt Press | 67900.00 gal | sludge sample temperature, min | 20.30 C |
| Average Gallons/Day | 2263.33 gpd | sludge sample temperature, avg | 29.45 C |
| % Total Solids, minimum | 17.70 % | sludge sample temperature, max | 34.00 C |
| % Total Solids, average | 18.30 % | | |
| % Total Solids, maximum | 18.90 % | SECONDARY DIGESTER SLUDGE | |
| % Total Volatile Solids, minimum | 13.70 % | % Total Solids, minimum | 2.10 % |
| % Total Volatile Solids, average | 55.82 % | % Total Solids, average | 1.00 % |
| % Total Volatile Solids, maximum | 77.25 % | % Total Solids, maximum | 1.53 % |
| Total Wet Cubic yards | 25.00 cu yd | % Total Volatile Solids, minimum | 73.33 % |
| Average Wet Cubic yards/day | 0.83 cy/d | % Total Volatile Solids, average | 71.00 % |
| Total Dry Tons | 3.62 dt | % Total Volatile Solids, maximum | 71.92 % |
| Average Dry Tons/ Day | 0.12 dt/d | pH minimum | 0.00 s.u. |
| Total Dry Metric Tons /month | 3.29 mt | pH maximum | 0.00 s.u. |
| Average Dry Metric Tons / day | 0.11 mt/d | sludge sample temperature, min | 0.00 C |
| | | sludge sample temperature, avg | #DIV/0! C |
| | | sludge sample temperature, max | 0.00 C |
| OPERATIONS | | | |
| Heat Exchange, Temp In, min | 96.00 F | VOLATILE SOLIDS REDUCTION | |
| Heat Exchange, Temp In, avg | 100.30 F | Raw to Secondary Digester, minimum | 30.64 % |
| Heat Exchange, Temp In, max | 103.00 F | Raw to Secondary Digester, average | 53.15 % |
| Heat Exchange, Temp Out, min | 97.00 F | Raw to Secondary Digester, maximum | 78.05 % |
| Heat Exchange, Temp Out, avg | 100.63 F | | |
| Heat Exchange, Temp Out, max | 104.00 F | | |
| Detention Time, Primary Digester | 53.02 days | | |
| Detention Time, Secondary Digester | 44.18 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 2019 Trouble Log Summary

| Date | Report # | Address | Condition(s) Reported | Condition(s) Found | Disposition |
|-----------|----------|-------------------------------|-------------------------|--------------------|-------------------------------|
| 5/7/2019 | 2019-070 | 402 OAK STREET | Backflow into property | Main clear | Notified owner/tenant |
| 5/7/2019 | 2019-071 | 322 CLEVELAND AVENUE | Vent overflow. | Main clear | Notified owner/tenant |
| 5/9/2019 | 2019-072 | 141 NORTH FAIRVIEW STREET | Markout request | Main clear | Markout main/lateral/vent |
| 5/9/2019 | 2019-073 | 215 TAYLOR STREET | Markout request | Main clear | Markout main/lateral/vent |
| 5/9/2019 | 2019-074 | TERSECT. POLK ST. & MADISON S | Markout request | Main clear | Markout main/lateral/vent |
| 5/14/2019 | 2019-075 | 725 CHESTER AVENUE | Backflow into property | Main clear | Notified owner/tenant |
| 5/17/2019 | 2019-076 | 31 POLK ST TO 37 POLK ST | Other | Main clear | Notified owner/tenant |
| 5/23/2019 | 2019-077 | 400 BLOCK HEULINGS AVENUE | Line inspection. | Main slow | Flush/vac/root cut sewer main |
| 5/28/2019 | 2019-078 | 223 CLEVELAND AVENUE | Backflow into property. | Main slow | Notified owner/tenant |
| 5/30/2019 | 2019-079 | 227 DELAWARE AVENUE | Backflow into property | Main clear | Notified owner/tenant |
| 5/31/2019 | 2019-080 | 607 S. CHESTER AVENUE | Markout request | Main clear | Markout main/lateral/vent |
| 5/31/2019 | 2019-081 | 200 BLOCK PROGRESS STREET | Markout request | Main clear | Markout main/lateral/vent |

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

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 submitted. There were no questions or concerns presented.

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

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

MONTHLY FINANCIAL REPORT:

Treasurer Jack was not in attendance.

BILLS AND EXPENDITURES:

Motion made by Mr. Van Meter, seconded by Mr. Mingin that all bills and expenditures for the month of June 2019 be paid carried.

PUBLIC PORTION (INFORMATIONAL)

In seeing no members of the public present, Public Portion (Informational) was not opened.

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


Susan M. Dydek, RMC
Authority Secretary

Riverside Sewerage Authority