

Monday Afternoon
Riverside, NJ
May 13, 2019
Regular Meeting
4:40pm

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 Administrative Office Building 237 S. Pavilion Avenue Riverside, NJ 08075.

ROLL CALL

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

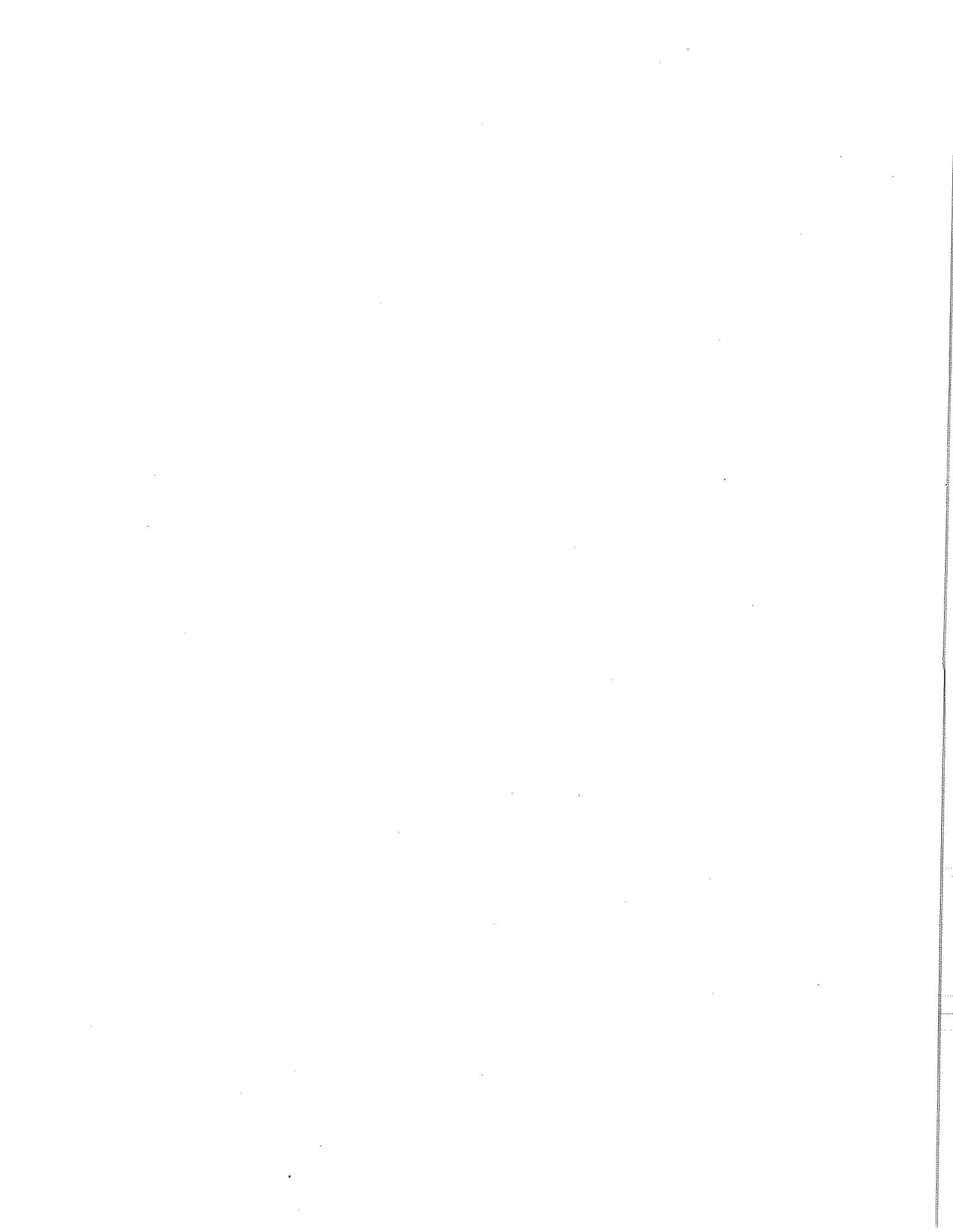
Also present: Secretary Susan M. Dydek, Treasurer Meghan Jack and Superintendent Joseph Bader.

RESOLUTION:

Mr. Horton made a motion to adopt Resolution 2019 - #18 entitled, “Resolution of the Riverside Sewerage Authority Accepting the Bid of W.E. Timmerman Co. Inc. Responding to Bid Number RSA -2019-1” seconded by Mr. Van Meter carried.

APPROVAL OF MINUTES:

Motion made by Mr. Van Meter and Mr. Horton that the minutes of the Work Session Meeting of April 8, 2019 and the Regular Meeting of April 8, 2019 be approved as written carried.



RESOLUTION 2019 - #18
RESOLUTION OF THE RIVERSIDE SEWERAGE AUTHORITY ACCEPTING THE BID OF
W.E. TIMMERMAN CO., INC.
RESPONDING TO BID NUMBER RSA-2019-1

WHEREAS, pursuant to the Local Public Contracts Law, N.J.S.A. 40A:11-1 et seq., the Riverside Township Sewerage Authority ("Authority") sought bids for the provision of a Single Conductor Pipeline Video Sewer Collection Inspection System, Mounted in a Ford Transit 350 HR DRW Cargo Van, as specified within Bid Number RSA 2019-1, incorporated by reference as if set forth fully herein; and

WHEREAS, specifications for Bid Number RSA 2019-1 provided the date, time, and method of delivery required; among other conditions, for submissions by qualified bidders to be deemed accepted, conforming, and responsive for consideration by the Authority; and

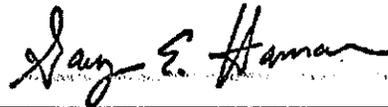
WHEREAS, the Authority received one non-conforming bid from Cues Inc., submitted to the wrong address, which is hereby rejected and deemed non-responsive; and

WHEREAS, the Authority received one conforming and responsive bid from W.E. Timmerman Co., Inc., 3554 Route 22 West, Whitehouse, New Jersey 08888, proposing a purchase price for the items as requested within Bid Number RSA-2019-1 of \$196,740 (one hundred ninety-six thousand seven hundred and forty dollars); and

WHEREAS, the Authority deems this bid to be conforming, responsive, and acceptable, and wishes to award the contract to W.E. Timmerman Co., Inc. pursuant to the terms of their bid proposal and subject to the terms and conditions of the specifications outlined in Bid Number RSA-2019-1; and

NOW THEREFORE, BE IT RESOLVED, by the Sewerage Authority for the Township of Riverside, that the bid of W.E. Timmerman Co., Inc. in response to Bid Number RSA-2019-1 is hereby accepted; and

BE IT FURTHER RESOLVED, that the Authority, by and through its Professional Staff, is hereby authorized to execute a contract with W.E. Timmerman Co., Inc. for the purchase of the items as requested within Bid Number RSA-2019-1, at a purchase price of \$196,740 (one hundred ninety-six thousand seven hundred and forty dollars), and upon such terms and conditions which are consistent with the those outlined within Bid Number RSA-2019-1.



 Gary Haman, Chairman

ATTEST:



 Susan M. Dydek, RMC
 Authority Secretary

PUBLIC PORTION – (TECHNICAL):

Chairman Haman opened the Public Portion (Technical.) **In seeing no members of the public wishing to speak, motion made by Messrs. Horton and Van Meter to close Public Portion (Technical) carried.**

OLD BUSINESS:

- 1) SJM Riverside (Taubel Mills) – No update.
- 2) CWA Local 1036 negotiations – Will be discussed in Closed Session.

NEW BUSINESS:

- 1) Matthus Lucas – 642 Taylor Street – Sewer leaking from house to curb (Received call 4-8-19)
- 2) 140 Lippincott Avenue – Sewer overflowing. (Received email 4-10-19)
- 3) Henrietta Comegno – 402 Oak Street – Sewer backing up into house.
- 4) John Barszcz – 322 Cleveland Avenue – Overflow.

Superintendent Bader reported that all the aforementioned properties were the Homeowner's issue and they were advised to procure a plumber.

ACTION:

- 1) Sabag Investments – 220 South Pavilion Avenue – Appeal for Adjustment of Sewer Rentals – Change billing status. – *(This item was previously tabled on July 9, 2018.)*
Motion made by Mr. Horton to deny the Appeal for Adjustment of Sewer Rentals seconded by Mr. Van Meter carried. Motion denied.

CORRESPONDENCE:

None.

REPORTS:**PLANT:**

Mr. Conard was not in attendance.

APPEALS:

Mr. Mingin was not in attendance.

REVENUE AND FINANCE:

Mr. Haman reported that CWA Contract negotiation are commencing.

STREETS:

Mr. Van Meter reported that the men performed 2,311 feet of line maintenance was conducted.

INSPECTIONS:

Mr. Horton had no report.

SUPERINTENDENT'S REPORT:

Superintendent Bader reported on two emergent conditions existed at the Plant: the Secondary Clarifier #1 Sludge Collection Arm. Municipal Maintenance was contacted to perform the repair and the repairs have been completed and the Clarifier was returned to service. The Sludge Recirculation #2 Pump for the Primary Digester needs to be rebuilt and is currently not in service.

Motion made by Mr. Horton, seconded by Mr. Van Meter 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 reported that the Audit cannot be released until the GASB is released from the State.

BILLS AND EXPENDITURES:

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

PUBLIC PORTION (INFORMATIONAL)

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

CLOSED SESSION RESOLUTION:

Mr. Horton made a motion to adopt Resolution 2019 - #19 entitled, "A Resolution of the Riverside Sewerage Authority Providing for a Meeting Not Open to the Public in

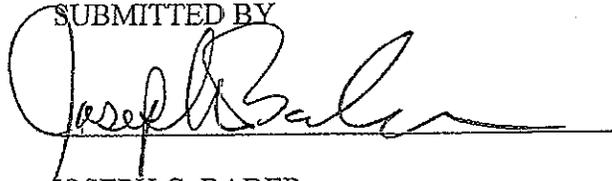
**RIVERSIDE SEWERAGE AUTHORITY
PLANT OPERATOR'S REPORT
AUTHORITY MEETING – May 13, 2019**

1. The Plant Performance Summary for March, 2019 is attached for review. The Residuals [Sludge] Management Summary for March, 2019 is also attached for review. Dewatered sludge [75 yds] was removed by the Woolston Company for composting at the County facility.
2. The Trouble Log Summary for April, 2019 is attached for review.

One Property was reported to the NJDEP for a lateral vent overflow this reporting period.
a) 500 Bridgeboro Street. NJDEP Case # 190423204418.
3. The Line Maintenance Summary for April, 2019 is attached for review.
4. No measurements were taking for the Secondary Digester this report period.
5. An emergency condition existed at the Plant with the Secondary Clarifier #1 Sludge Collection Arm. Municipal Maintenance was contacted to perform the repairs. The out of service NJDEP case # is 190507095721. The repairs have been completed and the Secondary Clarifier was returned to service. The returned to service NJDEP case # is 190512100701. The clarifier is operating as designed.
6. An emergency condition existed at the Plant with the Sludge Recirculation #2 Pump for the Primary Digester. Shafts and Sleeves have completed the pump rebuild. The pump has not been returned to service. Piping repairs are required. The sludge spill from the pump was reported to the NJDEP and the case # is 190327150303.
7. The Sludge Pump Station pump replacement project has been completed. The pump is operating as designed.
8. The NJDEP Office of Quality Assurance on-site evaluation deficiencies have not been corrected as of the writing of this report. An extension of time was requested and was approved. The deficiencies should be corrected by the June Plant Operator's Report.
9. Willier Electric replaced a failing motor for the Primary Digester Recirculation Pump #1. The pump now operates as designed.
10. Pump 2 for Pump Station #1 has not returned from Willier Electric as of the submission of this report. The pump required rebuilding.
11. 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].**

**RIVERSIDE SEWERAGE AUTHORITY
PLANT OPERATOR'S REPORT
AUTHORITY MEETING - May 13, 2019**

SUBMITTED BY

A handwritten signature in black ink, appearing to read "Joseph G. Bader", written over a horizontal line.

JOSEPH G. BADER
SUPERINTENDENT

PLANT PERFORMANCE SUMMARY

March 2019

PARAMETER	PERMIT	REPORTED	PARAMETER	PERMIT	REPORTED
Flow Influent			NITRATE (AS N) EFFLUENT		
Monthly Avg	Report	1.11 MGD	Mon Avg Conc	Report	Code=N MG/L
Daily Maximum	Report	1.27 MGD	Daily Max Conc	Report	Code=N MG/L
FLOW EFFLUENT			E COLI		
Monthly Avg	Report	0.91 MGD	Monthly Avg	Report	27.39 /100ML
Daily Maximum	Report	1.91 MGD	Instant Max	Report	750.00 /100ML
5 DAY BOD INFLUENT			FECAL COLIFORM EFFLUENT		
Mon Avg Conc	Report	137.90 MG/L	Monthly Avg	200/100ML	58.00 /100ML
Weekly Avg Conc	Report	181.00 MG/L	Weekly Avg	400/100ML	58.00 /100ML
5 DAY BOD EFFLUENT			BIOASSAY EFFLUENT		
Mon Avg Loading	98 KG/D	25.72 KG/D	LC50 96 hr Acute	0.5000	Code=N %
Weekly Avg Loading	147 KG/D	30.54 KG/D	IC25 7 day Chronic	Report	Code=N %
Mon Avg Conc	30 MG/L	7.60 MG/L	CHLORINE PRODUCED OXIDANTS EFFLUENT		
Weekly Avg Conc	45 MG/L	8.80 MG/L	Mon Avg Conc	Report	0.01 MG/L
5 DAY BOD REMOVAL EFFICIENCY			Daily Max Conc	Report	0.01 MG/L
Mon Avg Minimum	88.5%	93.75 %	TEMPERATURE INFLUENT		
pH INFLUENT			Minimum	Report	12.00 DEG C
Minimum	Report	6.72 S.U.	Monthly Avg	Report	14.58 DEG C
Maximum	Report	7.78 S.U.	Maximum	Report	16.40 DEG C
pH EFFLUENT			TEMPERATURE EFFLUENT		
Minimum	6.00 S.U.	5.70 S.U.	Minimum	Report	10.10 DEG C
Maximum	9.00 S.U.	7.05 S.U.	Monthly Avg	Report	13.74 DEG C
TOTAL SUSP SOLIDS INFLUENT			Maximum	Report	16.40 DEG C
Mon Avg Conc	Report	158.67 MG/L	DISSOLVED OXYGEN EFFLUENT		
Weekly Avg Conc	Report	170.00 MG/L	Wkly Avg Conc [Min]	4.0 MG/L	7.55 MG/L
TOTAL SUSP SOLIDS EFFLUENT			PHOSPHOROUS EFFLUENT		
Mon Avg Loading	113 KG/D	35.88 KG/D	Mon Avg Conc	Report	0.00 MG/L
Weekly Avg Loading	170 KG/D	48.94 KG/D	Weekly Avg Conc	Report	2.70 MG/L
Mon Avg Conc	30 MG/L	10.67 MG/L	COPPER EFFLUENT		
Weekly Avg Conc	45 MG/L	15.00 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	85.0%	93.03 %	ZINC EFFLUENT		
OIL & GREASE EFFLUENT			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	351.00 MG/L
Mon Avg Loading	75.7 KG/D	0.65 KG/D	Daily Max Conc	Report	351.00 MG/L
Daily Max Loading	151.4 KG/D	1.03 KG/D			
Mon Avg Conc	20 MG/L	0.18 MG/L			
Daily Max Conc	40 MG/L	0.27 MG/L			

Code = N Not Required This Monitoring Period
 LC 50 Acute 96 hrs Required 1/6 months
 IC25 7 day Chronic Required 1/6 12 months

RESIDUALS MANAGEMENT SUMMARY

March 2019

SLUDGE PRODUCED		RAW SLUDGE	
Total Gallons	48700.00 gal	% Total Solids, minimum	3.30 %
Average Gallons/Day	1570.97 gpd	% Total Solids, average	3.53 %
Total Dry Tons	0.00 dt	% Total Solids, maximum	3.70 %
Average Dry Tons/Day	0.00 dt/d	% Total Volatile Solids, minimum	84.85 %
Total Metric Tons	0.00 mt	% Total Volatile Solids, average	85.82 %
Average Metric Tons/Day	0.00 mt/d	% Total Volatile Solids, maximum	86.49 %
		pH minimum	5.17 s.u.
		pH maximum	6.19 s.u.
LIQUID SLUDGE REMOVED		sludge sample temperature, min	11.90 C
Total Gallons	0.00 gal	sludge sample temperature, avg	14.74 C
Average Gallons/Day	0.00 gpd	sludge sample temperature, max	18.00 C
Total Dry Tons	N.R. dt		
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	2.10 %
% Total Solids, Minimum	0.00 %	% Total Solids, average	2.50 %
% Total Solids, Average	0.00 %	% Total Solids, maximum	3.20 %
% Total Solids, Maximum	0.00 %	% Total Volatile Solids, minimum	76.19 %
pH, Minimum	0.00 s.u.	% Total Volatile Solids, average	77.20 %
pH, Maximum	0.00 s.u.	% Total Volatile Solids, maximum	78.13 %
		pH minimum	6.52 s.u.
		pH maximum	7.10 s.u.
DEWATERED SLUDGE REMOVED		sludge sample temperature, min	14.10 C
Total Gallons to Belt Press	48700.00 gal	sludge sample temperature, avg	20.26 C
Average Gallons/Day	1570.97 gpd	sludge sample temperature, max	30.20 C
% Total Solids, minimum	17.10 %		
% Total Solids, average	18.10 %		
% Total Solids, maximum	18.90 %	SECONDARY DIGESTER SLUDGE	
% Total Volatile Solids, minimum	75.41 %	% Total Solids, minimum	1.40 %
% Total Volatile Solids, average	76.40 %	% Total Solids, average	1.60 %
% Total Volatile Solids, maximum	77.78 %	% Total Solids, maximum	1.90 %
Total Cubic Yards Removed	75.00 cu yd	% Total Volatile Solids, minimum	66.67 %
Average Cubic Yards/Day	2.42 cy/d	% Total Volatile Solids, average	70.59 %
Total Dry Tons	10.73 dt	% Total Volatile Solids, maximum	73.68 %
Average Dry Tons/Day	0.35 dt/d	pH minimum	6.60 s.u.
Total wet metric tons	9.76 mt	pH maximum	6.97 s.u.
Average Wet metric tons	0.31 mt/d	sludge sample temperature, min	0.00 C
		sludge sample temperature, avg	0.00 C
		sludge sample temperature, max	0.00 C
OPERATIONS			
Heat Exchange, Temp In, min	62.00 F	VOLATILE SOLIDS REDUCTION	
Heat Exchange, Temp In, avg	84.74 F	Raw to Secondary Digester, minimum	50.02 %
Heat Exchange, Temp In, max	98.00 F	Raw to Secondary Digester, average	%
Heat Exchange, Temp Out, min	61.00 F	Raw to Secondary Digester, maximum	67.73 %
Heat Exchange, Temp Out, avg	78.68 F		
Heat Exchange, Temp Out, max	99.00 F		
Detention Time, Primary Digester	76.39 days		
Detention Time, Secondary Digester	63.66 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

April 2019 Trouble Log Summary

Date	Report #	Address	Condition(s) Reported	Condition(s) Found	Disposition
4/2/2019	2019-056	223 CLEVELAND AVENUE	Backflow into property	Main clear	Notified owner/tenant
4/2/2019	2019-057	443 BRIDGEBORO STREET	Slow/no drainage	Main clear	Notified owner/tenant
4/8/2019	2019-058	642 TAYLOR STREET	Vent overflow	Main clear	Notified owner/tenant
4/9/2019	2019-060	603 SOUTH CHESTER AVENUE	Markout request	Main clear	Markout main/lateral/vent
4/11/2019	2019-061	302 FILMORE STREET	Markout request	Main clear	Markout main/lateral/vent
4/11/2019	2019-062	113 HENRY STREET	Markout request	Main clear	Markout main/lateral/vent
4/11/2019	2019-063	CLAY STREET & TAYLOR STREET	Markout request	Main clear	Markout main/lateral/vent
4/11/2019	2019-064	725 SOUTH CHESTER AVENUE	Markout request	Main clear	Markout main/lateral/vent
4/17/2019	2019-065	600 BLOCK KOSSUTH STREET	Line inspection	Main clear	Markout main/lateral/vent
4/23/2019	2019-066	320 HEULINGS AVENUE	Markout request	Main slow	Flush/vac/root cut sewer main
4/23/2019	2019-067	50 POLK STREET	Markout request	Main clear	Markout main/lateral/vent
4/23/2019	2019-068	500 BRIDGEBORO STREET	Markout request	Main clear	Markout main/lateral/vent
4/29/2019	2019-069	107 LAFAYETE STREET	Vent overflow	Main clear	Notified owner/tenant
			Slow/no drainage	Main clear	Notified owner/tenant

April 2019 Line Maintenance Summary

Date	Report #	Location	Section	Diameter	Distance	Remarks
4/11/2019	2019-0009	Jefferson St.	3-5	12"	387	FOUND GRIT & ROCKS.
4/11/2019	2019-0010	Jefferson St.	5-6	12"	355	FOUND GRIT & ROCKS
4/11/2019	2019-0011	Pulaski Ave.	6-358	8"	313	FOUND GRIT & ROCKS.
4/24/2019	2019-0012	Polk St.	360-359	8"	253	FOUND GRIT & ROCKS.
4/24/2019	2019-0013	Polk St.	358-360	8"	226	FOUND GRIT & ROCKS.
4/25/2019	2019-0014	Pulaski Ave.	358-357	8"	314	FOUND GRIT & ROCKS.
4/25/2019	2019-0015	River Dr.	356-355	8"	255	FOUND GRIT & ROCKS.
4/25/2019	2019-0016	River Dr.	357-356	8"	208	FOUND GRIT & ROCKS.

RESOLUTION 2019 - #19

A RESOLUTION OF THE RIVERSIDE SEWERAGE AUTHORITY
PROVIDING FOR A MEETING NOT OPEN TO THE PUBLIC
IN ACCORDANCE WITH THE PROVISIONS OF
THE NEW JERSEY OPEN PUBLIC MEETINGS ACT, N.J.S.A. 10:4-12

WHEREAS, the Riverside Sewerage Authority is subject to certain requirements of the Open Public Meetings Act, N.J.S.A. 10:4-6 et seq.; and

WHEREAS, the Open Public Meetings Act, N.J.S.A. 10:4-12, provides that an Executive Session, not open to the public, may be held for certain specified purposes when authorized by Resolution; and

WHEREAS, it is necessary for the Riverside Sewerage Authority to discuss in a session not open to the public certain matters relating to Contract Negotiations.

NOW, THEREFORE, BE IT RESOLVED, by the Riverside Sewerage Authority, that the Authority assembled in public session on May 13, 2019, that an Executive Session closed to the public shall be held during the Regular Meeting of the Riverside Sewerage Authority on May 13, 2019 in the Riverside Township Municipal Building, 1 W. Scott Street Riverside, New Jersey for the discussion of matters relating to the specific items designated above. It is anticipated that the deliberations conducted in closed session may be disclosed to the public upon the determination of the Riverside Sewerage Authority that the public interest will no longer be served by such confidentiality.

I HEREBY CERTIFY that the foregoing Resolution was adopted by the Riverside Sewerage Authority, in the Township of Riverside, County of Burlington, State of New Jersey, at a Regular Meeting held on May 13, 2019.



Susan M. Dydek, RMC
Authority Secretary

Accordance with the Provisions of the New Jersey Open Public Meetings Act, N.J.S.A. 10:4-12" seconded by Mr. Van Meter carried.

Motion to reopen the meeting at 5:07pm made by Messrs. Horton and Van Meter carried.

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

Susan M Dydek
Susan M. Dydek, RMC
Authority Secretary

Riverside Sewerage Authority

