

Monday Afternoon  
 Riverside, NJ  
 November 4, 2019  
**Regular Meeting**  
 4:30pm

**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 – present, Mr. Van Meter – present, Mr. Haman – present.

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

**RESOLUTION:**

None.

**APPROVAL OF MINUTES:**

**Motion made by Mr. Horton and Mr. Mingin that the minutes of the Work Session Meeting of October 7, 2019, the Regular Meeting of October 7, 2019 and the Closed Session Minutes of October 7, 2019 be approved as written carried.**

**Motion made by Mr. Horton and Mr. Mingin that the minutes of the Special Meeting of October 28, 2019 be approved as written. Upon roll call the vote was as follows: Ayes – Messrs. Horton, Mingin, Van Meter and Haman. Nays – None. Abstain – Mr. Conard. Motion carried.**

**PUBLIC PORTION – (TECHNICAL):**

None.

**OLD BUSINESS:**

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

**NEW BUSINESS:**

- 1) Brenda Evans – 30 Rush Street – Vent overflowing, please check. **Superintendent Bader reported that this was the Homeowner's responsibility.**
- 2) Terri Harper – 855 Bridgeboro Street – Manhole cover lifting from street in front of driveway and another cover is lifting a block away. **Superintendent Bader reported that M&N Construction Company repaired the manhole.**
- 3) Lynwood Spencer – 233 Sylvan Street – Believes there is a blockage in the main. **Superintendent Bader reported that the main was clear.**
- 4) Sanitary Sewer Tabulation Worksheet for Camelot at Riverside – no update.
- 5) Authorization to accept and/or approve the Burlington County Department of Solid Waste - Waste Classification Request Form and Instructions. **Mr. Conard made a motion to authorize and accept/approve the aforementioned Request Form carried.**
- 6) Award of Contract for the Office/Garage Building Roof Replacement. **Motion made by Mr. Horton to table the aforementioned award seconded by Mr. Mingin. Upon roll call the vote was as follows: Ayes – Messrs. Horton, Mingin, Conard, Van Meter and Haman. Nays – None. Abstain – None. Motion tabled.**

**ACTION:**

- 1) Authorization to approve an Appeal for Nelson Vasconez – 630 Harrison Street – Authorizing a change in billing units – from a Duplex (2 billing units) to a Single-Family Home (1 billing unit.) **Motion made by Messrs. Mingin and Conard to approve Nelson Vasconez's request carried.**

**CORRESPONDENCE:**

None.

**REPORTS:****PLANT:**

Mr. Conard stated his concerns on the cost of replacing the roof on the office building at the plant.

**APPEALS:**

Mr. Mingin had no report.

**REVENUE AND FINANCE:**

Mr. Haman reported that he is working on the Superintendent's contract.

**STREETS:**

Mr. Van Meter reported that 737 feet of line maintenance has been completed.

**INSPECTIONS:**

Mr. Horton reported that he will be performing two (2) upcoming inspections for properties located at 213-215 S. Pavilion Avenue and 106 Morton Street.

**SUPERINTENDENT'S REPORT:**

Superintendent Bader reported that the motor adapter for Communicator #1 was repaired. The annual maintenance service of the Jet-Vac (S5) has been completed. The air lifts in Sand Filter #3 need to be repaired and the submersible pump for the Underdrain Pump Station need to be repaired.

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

**Motion made by Mr. Van Meter, seconded by Mr. Conard to accept the Superintendent's Report carried.**

**ENGINEER'S REPORT:**

The Engineer's Report was submitted.

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

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

**MONTHLY FINANCIAL REPORT:**

Treasurer Jack had no report.

**BILLS AND EXPENDITURES:**

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

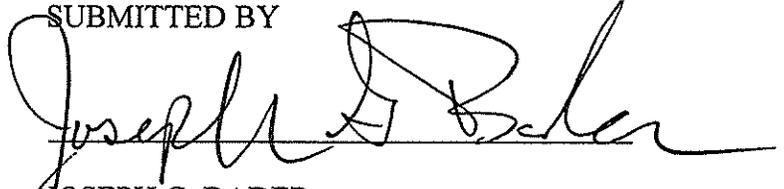
**RIVERSIDE SEWERAGE AUTHORITY  
PLANT OPERATOR'S REPORT  
AUTHORITY MEETING – November 4, 2019**

1. The Plant Performance Summary for September, 2019 is attached for review. There were no violations of the Discharge Permit during this reporting period. The Residuals [Sludge] Management Summary for September, 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 October, 2019 is attached for review.  
  
No Properties were reported to the NJDEP for a lateral vent overflow this reporting period.
3. The Line Maintenance Summary for October, 2019 is attached for review.
4. Measurements of the Secondary Digester Roof were not recorded 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. The Motor Adapter for Comminutor #1 required repairs. The out of service NJDEP case # is 19-10-21-1454-55. The adapter was removed by RSA and the adapter rebuild was completed by Shaft and Sleeves. The Comminutor is expected to be returned to service directly.
6. The Annual Maintenance Service of the Jet-Vac (S5) has been completed by W.E. Timmerman. The Jet-Vac (S5) is now operating as designed.
7. Met with an associated of Pennoni Engineering to review the 2020 projects. A budget estimated will be generated for the Authority's review.
8. Repairs are required to the Air Lifts in Sand Filter #3. The out of service NJDEP case # is 190809093646. Rebuilt Air Lifts are required.
9. The Risk Control Consultant for J.A. Montgomery completed the onsite JIF survey visit this reporting period. The Loss Control Report has been received and the Suggestions for Improvement will be completed in a reasonable time frame.
10. The NJDEP Southern Enforcement was onsite for an compliance inspection audit.
11. Repairs are required to the submersible pump for the Underdrain Pump Station. An out of service NJDEP case # is not required. Willier Electric was contacted to remove and rebuild the 15 hp pump.
12. The NJDEP Office of Quality Assurance have accepted the majority of RSA's corrections to the on-site evaluation. The remaining corrections will be completed in a reasonable time frame.

**RIVERSIDE SEWERAGE AUTHORITY  
PLANT OPERATOR'S REPORT  
AUTHORITY MEETING - November 4, 2019**

13. 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

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

JOSEPH G. BADER  
SUPERINTENDENT

PLANT PERFORMANCE SUMMARY

September 2019

PARAMETER	PERMIT	REPORTED	PARAMETER	PERMIT	REPORTED
Flow Influent			NITRATE (AS N), EFFLUENT		
Monthly Avg	Report	0.78 MGD	Mon Avg Conc	Report	Code = N MG/L
Daily Maximum	Report	0.99 MGD	Daily Max Conc	Report	0.0 MG/L
Flow Effluent			E. COLI		
Mon Avg Conc	Report	0.92 MG/L	Monthly Avg	Report	33.5 /100ML
Weekly Avg Conc	Report	1.01 MG/L	Instant Max	Report	140.0 /100ML
5 DAY BOD, INFLUENT			FECAL COLIFORM, EFFLUENT		
Mon Avg Conc	Report	261.7 MG/L	Monthly Avg	200/100ML	Code = N /100ML
Weekly Avg Conc	Report	377.0 MG/L	Weekly Avg	400/100ML	Code = N /100ML
5 DAY BOD, EFFLUENT			BIOASSAY, EFFLUENT		
Mon Avg Loading	98 KG/D	34.9 KG/D	LC50 96 hr Acute	50%	Code = N %
Weekly Avg Loading	147 KG/D	71.6 KG/D	IC25 7 day Chronic	Report	Code = N %
Mon Avg Conc	30 MG/L	9.9 MG/L	CHLORINE PRODUCED OXIDANTS, EFFLUENT		
Weekly Avg Conc	45 MG/L	20.2 MG/L	Mon Avg Conc	Report	0.050 MG/L
5 DAY BOD REMOVAL EFFICIENCY			Daily Max Conc	Report	0.050 MG/L
Mon Avg Minimum	88.5%	95.3 %	TEMPERATURE, INFLUENT		
pH, INFLUENT			Minimum	Report	22.20 DEG C
Minimum	Report	6.8 S.U.	Monthly Avg	Report	23.49 DEG C
Maximum	Report	7.5 S.U.	Maximum	Report	25.20 DEG C
pH, EFFLUENT			TEMPERATURE, EFFLUENT		
Minimum	6.00 S.U.	5.9 S.U.	Minimum	Report	21.90 DEG C
Maximum	9.00 S.U.	6.6 S.U.	Monthly Avg	Report	23.34 DEG C
TOTAL SUSP SOLIDS, INFLUENT			Maximum	Report	25.00 DEG C
Mon Avg Conc	Report	309.00 MG/L	DISSOLVED OXYGEN, EFFLUENT		
Weekly Avg Conc	Report	580.00 MG/L	Wkly Avg Conc [Min]	4.0 MG/L	6.13 MG/L
TOTAL SUSP SOLIDS, EFFLUENT			PHOSPHOROUS, EFFLUENT		
Mon Avg Loading	113 KG/D	14.1 KG/D	Mon Avg Conc	Report	4.00 MG/L
Weekly Avg Loading	170 KG/D	14.3 KG/D	Weekly Avg Conc	Report	4.00 MG/L
Mon Avg Conc	30 MG/L	4.0 MG/L	COPPER, EFFLUENT		
Weekly Avg Conc	45 MG/L	4.0 MG/L	Mon Avg Conc	Report	Code = N MG/L
TOTAL SUSP SOLIDS REMOVAL EFFICIENCY			Daily Max Conc	Report	0.0000 MG/L
Mon Avg Minimum	85.0%	98.23 %	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	0.0000 MG/L
Daily Max Conc	15 MG/L	0.00 MG/L	Total Dissolved Solids	Effluent	1/month
NITROGEN, AMMONIA			Mon Avg Conc	Report	347.00 MG/L
Mon Avg Loading	18.8 KG/D	0.3380 KG/D	Daily Max Conc	Report	347.00 MG/L
Daily Max Loading	37.9 KG/D	0.3584 KG/D			
Mon Avg Conc	5 MG/L	0.0957 MG/L			
Daily Max Conc	10 MG/L	0.1000 MG/L			

Code = N Not Required This Monitoring Period  
 IC25 Chronic Required Semi- Annually  
 LC50 Acute Required Annually  
 Nitrate Required Semi- Annually  
 Copper Required Quarterly  
 Zinc Required Quarterly  
 Oil & Grease Required Quarterly

## RESIDUALS MANAGEMENT SUMMARY

September 2019

SLUDGE PRODUCED		RAW SLUDGE	
Total Gallons	0.00 gal	% Total Solids, minimum	0.79 %
Average Gallons/Day	0.00 gpd	% Total Solids, average	1.76 %
Total Dry Tons	0.00 dt	% Total Solids, maximum	2.40 %
Average Dry Tons/ Day	0.00 dt/d	% Total Volatile Solids, minimum	79.16 %
Total Metric Tons	0.00 mt	% Total Volatile Solids, average	80.80 %
Average Metric Tons/Day	0.00 mt/d	% Total Volatile Solids, maximum	82.28 %
		pH minimum	5.03 s.u.
		pH maximum	5.89 s.u.
LIQUID SLUDGE REMOVED			
Total Gallons	N.R. gal	sludge sample temperature, min	21.60 C
Average Gallons/Day	N.R. gpd	sludge sample temperature, avg	23.29 C
Total Dry Tons	N.R. dt	sludge sample temperature, max	26.30 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	0.82 %
% Total Solids, Minimum	N.R. %	% Total Solids, average	2.28 %
% Total Solids, Average	N.R. %	% Total Solids, maximum	3.50 %
% Total Solids, Maximum	N.R. %	% Total Volatile Solids, minimum	0.58 %
pH, Minimum	N.R. s.u.	% Total Volatile Solids, average	55.78 %
pH, Maximum	N.R. s.u.	% Total Volatile Solids, maximum	77.78 %
		pH minimum	6.81 s.u.
		pH maximum	5.89 s.u.
DEWATERED SLUDGE REMOVED			
Total Gallons to Belt Press	0.00 gal	sludge sample temperature, min	26.00 C
Average Gallons/Day	0.00 gpd	sludge sample temperature, avg	30.03 C
% Total Solids, minimum	18.40 %	sludge sample temperature, max	33.50 C
% Total Solids, average	19.35 %		
% Total Solids, maximum	20.30 %	SECONDARY DIGESTER SLUDGE	
% Total Volatile Solids, minimum	72.83 %	% Total Solids, minimum	0.92 %
% Total Volatile Solids, average	73.37 %	% Total Solids, average	3.44 %
% Total Volatile Solids, maximum	73.89 %	% Total Solids, maximum	5.00 %
Total Wet Cubic yards per month	25.00 cu yd	% Total Volatile Solids, minimum	69.50 %
Average Wet cubic yards perday	0.83 cy/d	% Total Volatile Solids, average	70.65 %
		% Total Volatile Solids, maximum	72.00 %
		pH minimum	6.74 s.u.
		pH maximum	6.96 s.u.
Total dry Metric Tons	3.48 mt	sludge sample temperature, min	24.90 C
Average Dry Metric Tons	0.12 mt/d	sludge sample temperature, avg	25.88 C
		sludge sample temperature, max	27.10 C
OPERATIONS			
Heat Exchange, Temp In, min	96.00 F	VOLATILE SOLIDS REDUCTION	
Heat Exchange, Temp In, avg	98.20 F	Raw to Secondary Digester, minimum	#DIV/0! %
Heat Exchange, Temp In, max	100.00 F	Raw to Secondary Digester, average	#DIV/0! %
Heat Exchange, Temp Out, min	96.00 F	Raw to Secondary Digester, maximum	#DIV/0! %
Heat Exchange, Temp Out, avg	98.43 F		
Heat Exchange, Temp Out, max	101.00 F		
Detention Time, Primary Digester	#DIV/0! days		
Detention Time, Secondary Digester	#DIV/0! 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

## October 2019 Trouble Log Summary

Date	Report #	Address	Condition(s) Reported	Condition(s) Found	Disposition
10/1/2019	2019-115	113 HEULINGS AVENUE	Markout request	Main clear	Markout main/lateral/vent
10/1/2019	2019-116	126 CLEVELAND AVENUE	Markout request	Main clear	Markout main/lateral/vent
10/1/2019	2019-117	516 EIGHTH STREET	Markout request	Main clear	Markout main/lateral/vent
10/1/2019	2019-118	200 SOUTH PAVILION AVE	Markout request	Main clear	Markout main/lateral/vent
10/1/2019	2019-119	232 TAYLOR STREET	Markout request	Main clear	Markout main/lateral/vent
10/7/2019	2019-120	30 RUSH STREET	Vent overflow	Main clear	Notified owner/tenant
10/8/2019	2019-121	527 KOSSUTH STREET	Vent overflow	Main clear	Notified Superintendent
10/8/2019	2019-122	116 WEBSTER STREET	Slow/no drainage	Main slow	Flush/vac/root cut sewer main
10/9/2019	2019-123	855 BRIDGEBORO STREET	Noise complaint	MH frame/cover damaged	Repair/replace MH frame/cover
10/14/2019	2019-124	855 BRIDGEBORO STREET	Markout request	Main clear	Markout main/lateral/vent
10/15/2019	2019-125	565 SOUTH FAIRVIEW STREET	Markout request	Main clear	Markout main/lateral/vent
10/15/2019	2019-126	RIDGEBORO ST AND PROGRESS S	Markout request	Main clear	Markout main/lateral/vent
10/15/2019	2019-127	419 BEM STREET	Markout request	Main clear	Markout main/lateral/vent
10/15/2019	2019-128	GRANT STREET	Other	Main clear	Notified owner/tenant
10/17/2019	2019-129	233 SYLVAN STREET	Noise complaint	Main clear	Notified owner/tenant
10/21/2019	2019-130	205 PAINE STREET	Backflow into property	Main clear	Notified owner/tenant
10/29/2019	2019-131	BRIDGEBORO STREET	Markout request	Main clear	Markout main/lateral/vent
10/29/2019	2019-132	55 SPRING GARDEN STREET	Markout request	Main clear	Markout main/lateral/vent
10/29/2019	2019-133	359 CARROLL STREET	Markout request	Main clear	Markout main/lateral/vent
10/29/2019	2019-134	15 JEFFERSON STREET	Markout request	Main clear	Markout main/lateral/vent

Date	Report #	Address	Condition(s) Reported	Condition(s) Found	Disposition
10/29/2019	2019-135	402 OAK STREET	Slow/no drainage	Main clear	Notified owner/tenant

# October 2019 Line Maintenance Summary

Date	Report #	Location	Section	Diameter	Distance	Remarks
10/2/2019	2019-0042	Bern St.	152-162	8"	350	FOUND GRIT & GREASE.
10/2/2019	2019-0043	Dauphin St.	155-156	8"	165	FOUND GRIT & GREASE.
10/2/2019	2019-0044	Dauphin St.	154-155	8"	245	FOUND GRIT & GREASE
10/2/2019	2019-0045	Dauphin St.	153-154	8"	245	FOUND GRIT AND GREASE.
10/2/2019	2019-0046	Dauphin St.	152-153	8"	245	FOUND GRIT AND GREASE.
10/2/2019	2019-0047	Dauphin St.	151-152	8"	238	FOUND GRIT & GREASE.
10/2/2019	2019-0048	Palmer St.	144-143	8"	87	FOUND GRIT & GREASE.
10/2/2019	2019-0049	Kossuth St.	144-CO	8"	225	FOUND GREASE & GRIT.
10/17/2019	2019-0051	Kossuth St.	136-137	8"	268	FOUND GREASE.
10/19/2019	2019-0050	Kossuth St.	111-448	8"	234	FOUND GREASE.
10/21/2019	2019-0052	Palmer St.	146-144	8"	245	FOUND GRIT.
10/21/2019	2019-0053	Taylor St.	146-135	8"	489	FOUND GRIT.
10/28/2019	2019-0054	Taylor St.	146-154	8"	350	FOUND GRIT AND ROOTS.
10/28/2019	2019-0055	Palmer St.	147-146	8"	245	FOUND A PIECE OF THE CLAY PIPE IN THE MAIN.
10/28/2019	2019-0056	Filmore St.	147-148	8"	250	FOUND GRIT.

**PUBLIC PORTION (INFORMATIONAL)**

**Motion made by Mr. Conard and Mr. Mingin to close Public Portion (Informational) carried.**

Mr. Horton questioned who is responsible for the manholes that are located on Chester Avenue? Superintendent Bader said that Burlington County is responsible for those manholes.

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

  
Susan M. Dydek, RMC  
Authority Secretary

