

Monday Afternoon  
Riverside, NJ  
February 10, 2020  
**Regular Meeting**  
4:50pm

**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 January 22, 2020.
2. Written notice was delivered to the Burlington County Times and the Courier Post on January 22, 2020.
3. Filed written notice with the Clerk of the Township of Riverside on January 22, 2020.

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

Also present: Authority Secretary Susan M. Dydek and Superintendent Joseph Bader. Treasurer Jack was not in attendance.

**RESOLUTION:**

None.

**APPROVAL OF MINUTES:**

**Motion made by Mr. Mingin and Mr. Horton that the minutes of the Works Session Meeting of January 13, 2020 and the Regular Meeting of January 13, 2020 be approved as written. Upon roll call the vote was as follows: Ayes – Messrs. Mingin and Horton. Nays – None. Abstain – Mr. Van Meter. Motion carried.**

**PUBLIC PORTION – (TECHNICAL):**

None.



**OLD BUSINESS:**

- 1) SJM Riverside (Taubel Mills) – No update.
- 2) Superintendent's Contract – Messrs. Haman and Van Meter volunteered to meet with Superintendent Bader to discuss his proposed contract.
- 3) Connection Fees – **Motion made by Mr. Haman to table the discussion on the Connection Fees seconded by Mr. Mingin carried.**
- 4) Rates – No update.

**NEW BUSINESS:**

- 1) Kimberly Willoughby – 255 Progress Street – Sewer backing – up and coming out of the drain on the side of the house as well as the front cap.
- 2) (No Name given) – Rental Property – 228 Cleveland Avenue – vent overflowing.
- 3) David Peters – Vent filled with water, everything is running slow.
- 4) First Baptist Church – 91 Whittaker Street – Sewer problem.

Superintendent Bader reported that all of the aforementioned properties have been satisfied.

**ACTION:**

- 1) Authorization to approve the 2020 Intermunicipal Sludge Management Agreement with the Burlington County Board of Chosen Freeholders approved on **motion by Mr. Mingin and Mr. Van Meter carried.**
- 2) **Mr. Haman made a motion** authorizing to approve an appeal for 322 Kossuth Street changing the billing from two (2) units to one (1) unit **seconded by Mr. Mingin carried.** Chairman Horton suggested that the billing for this property be reduced to one unit for the First Quarter 2020 since upon inspection, it was a one-unit property.
- 3) **Motion made by Messrs. Haman and Mingin** authorizing to change the 2020 First Quarter Billing for 322 Kossuth Street **carried.**

**CORRESPONDENCE:**

- 1) Pennoni – Camelot at Riverside, Urban Renewal, LLC Re-submission of Treatment Works Application (TWA) Sewer Review No 1.
- 2) Pennoni – WWTP NJPDES Permit Renewal proposal.

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

Mr. Conard was not in attendance.

**APPEALS:**

Mr. Mingin had no report.

**REVENUE AND FINANCE:**

Mr. Haman reported that he and Mr. Van Meter will be meeting with the Superintendent regarding contract negotiations.

**STREETS:**

Mr. Van Meter reported that 5000 feet of line maintenance was performed and the camera truck is working properly.

**INSPECTIONS:**

Mr. Horton reported that he performed one inspection at 322 Kossuth Street which was discussed earlier.

**SUPERINTENDENT'S REPORT:**

Superintendent Bader reported that he received three (3) quotes in order to replace QC/Eurofins Laboratories. Environmental Resolutions Inc. has sent an award letter to Robert Ganter Contractors notifying them they have been awarded the bid for the repairs of the Plant Office roof.

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.

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

**Motion made by Mr. Haman, seconded by Mr. Mingin to accept the Engineer's Report carried.**

**MONTHLY FINANCIAL REPORT:**

Treasurer Jack was not in attendance.

**BILLS AND EXPENDITURES:**

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

**PUBLIC PORTION (INFORMATIONAL)**

Chairman Horton opened Public Portion (Informational.)

- 1) Mr. Joe Marchese – Delran, NJ – Mr. Marchese stated that he is interested in renting an apartment at the Watchcase Building and questioned who will inspect the sewerage system? Chairman Horton responded that the sewerage system is already in place at the building and will not be inspected. However, the Township will inspect the rental units in the building.

In seeing no additional members of the Public wishing to speak, **motion made by Mr. Van Meter and Mr. Mingin to close Public Portion (Informational) 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 Horton.**

  
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Susan M. Dydek, RMC  
Authority Secretary

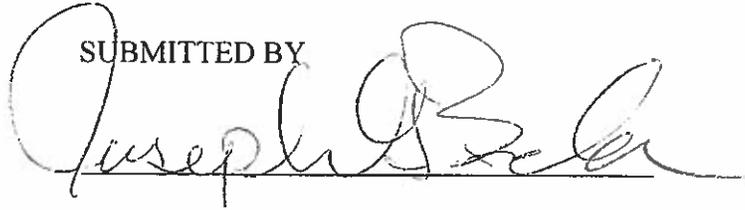
**RIVERSIDE SEWERAGE AUTHORITY  
PLANT OPERATOR'S REPORT  
AUTHORITY MEETING – February 10, 2020**

1. The Plant Performance Summary for December, 2019 is attached for review. There was an E-Coli limit exceedance of the Discharge Permit during this reporting period due to Lab error. The NJDEP Case # is 200210104608. The Residuals [Sludge] Management Summary for December, 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 January, 2020 is attached for review.  
  
One Property were reported to the NJDEP for a lateral vent overflow this reporting period.
  1. 702 Bridgeboro Street. The NJDEP Case # is 191213130712.
3. The Line Maintenance Summary for January, 2020 is attached for review.
4. Measurements of the Secondary Digester Roof where 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. Three quotations were requested to replace QC/Eurofins Laboratories from Garden State Laboratories, New Jersey Analytical Laboratories and ALS Global.
6. Under new DOT regulations, every year, employers must check MVR through the NJ CAIR system AND query the Drug and Alcohol Clearinghouse about violations / refusals of all their CDL holders.
7. ERI sent an Award Letter to Robert Ganter Contractors Inc. January 22, 2020 for the Building 1 Office Roof. ERI haven't received the signed contracts to setup a pre-construction meeting as of the writing of this report.
8. Shaft and Sleeves has started the repairs to the Grit Chamber #2 Conveyor. Grit Chamber #2 was removed from service for the repairs. The NJDEP was notified and the out of service case is 200109134518.
9. Sand filter #1 was removed from service for repairs. The out of service NJDEP Case # is 191203080726. The damaged valve from the Sand Filter to the Head Loss Gauge was replaced. Shaft and Sleeves was contacted for a quotation on rebuilding the Airlifts. The airlifts need rebuilding before the Sand Filter can be returned to service.
10. The new Root/Tap cutter was received from Pierce-Eagle and training was conducted.
11. The NJDEP Office of Quality Assurance has accepted RSA's corrections to the on-site evaluation. A close-out letter to this effect is expected shortly.
12. Municipal Maintenance was contacted to troubleshoot a clogging issue with Raw Sewer Pump #2. This pump is scheduled for replacement this year.

**RIVERSIDE SEWERAGE AUTHORITY  
PLANT OPERATOR'S REPORT  
AUTHORITY MEETING – February 10, 2020**

13. Four Quarters Plumbing, Heating, and Air Conditioning was onsite to repair the heater in Building 2. The igniter required replacement and the heater is now operating as designed.
14. 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

Dec-2019

PARAMETER	PERMIT	REPORTED	PARAMETER	PERMIT	REPORTED
FLOW, INFLUENT			NITRATE (AS N), EFFLUENT		
Monthly Avg	Report	1.12 MGD	Mon Avg Conc	Report	Code=n MG/L
Daily Maximum	Report	1.86 MGD	Daily Max Conc	Report	Code=n MG/L
FLOW, EFFLUENT			E. COLI		
Monthly Avg	Report	0.89 MGD	Monthly Avg	Report	1549.9 /100ML
Daily Maximum	Report	1.07 MGD	Instant Max	Report	8500.0 /100ML
5 DAY BOD, INFLUENT			FECAL COLIFORM, EFFLUENT		Require Reuse Only
Mon Avg Conc	Report	140.67 MG/L	Monthly Avg	200/100ML	#NUM! /100ML
Weekly Avg Conc	Report	193.00 MG/L	Weekly Avg	400/100ML	0.00 /100ML
5 DAY BOD, EFFLUENT			BIOASSAY, EFFLUENT		
Mon Avg Loading	98 KG/D	25.25 KG/D	LC50 96 hr Acute	50%	#NUM! %
Weekly Avg Loading	147 KG/D	30.05 KG/D	IC25 7 day Chronic	Report	#DIV/0! %
Mon Avg Conc	30 MG/L	7.27 MG/L	CHLORINE PRODUCED OXIDANTS, EFFLUENT		
Weekly Avg Conc	45 MG/L	7.80 MG/L	Mon Avg Conc	Report	#REF! MG/L
5 DAY BOD REMOVAL EFFICIENCY			Daily Max Conc	Report	#REF! MG/L
Mon Avg Minimum	88.5%	94.57 %	TEMPERATURE, INFLUENT		
pH, INFLUENT			Minimum	Report	14.20 DEG C
Minimum	Report	7.02 S.U.	Monthly Avg	Report	16.15 DEG C
Maximum	Report	7.61 S.U.	Maximum	Report	19.80 DEG C
pH, EFFLUENT			TEMPERATURE, EFFLUENT		
Minimum	6.00 S.U.	5.65 S.U.	Minimum	Report	11.50 DEG C
Maximum	9.00 S.U.	6.81 S.U.	Monthly Avg	Report	14.15 DEG C
TOTAL SUSP SOLIDS, INFLUENT			Maximum	Report	17.90 DEG C
Mon Avg Conc	Report	110.33 MG/L	DISSOLVED OXYGEN, EFFLUENT		
Weekly Avg Conc	Report	155.00 MG/L	Wkly Avg Conc [Min]	4.0 MG/L	0.00 MG/L
TOTAL SUSP SOLIDS, EFFLUENT			PHOSPHOROUS, EFFLUENT		
Mon Avg Loading	113 KG/D	35.87 KG/D	Mon Avg Conc	Report	3.80 MG/L
Weekly Avg Loading	170 KG/D	49.80 KG/D	Weekly Avg Conc	Report	3.80 MG/L
Mon Avg Conc	30 MG/L	11.00 MG/L	COPPER, EFFLUENT	Quarterly only	
Weekly Avg Conc	45 MG/L	17.00 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%	87.41 %	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	406.00 MG/L
Mon Avg Loading	75.7 KG/D	0.78 KG/D	Daily Max Conc	Report	406.00 MG/L
Daily Max Loading	151.4 KG/D	1.03 KG/D			
Mon Avg Conc	20 MG/L	0.23 MG/L			
Daily Max Conc	40 MG/L	0.35 MG/L			

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

## RESIDUALS MANAGEMENT SUMMARY

Dec-2019

SLUDGE PRODUCED		RAW SLUDGE	
Total Gallons	0 gal	% Total Solids, minimum	0.84 %
Average Gallons/Day	0 gpd	% Total Solids, average	2.18 %
Total Dry Tons	0.0 dt	% Total Solids, maximum	4.60 %
Average Dry Tons/ Day	0.00 dt/d	% Total Volatile Solids, minimum	80.91 %
Total Metric Tons	0.0 mt	% Total Volatile Solids, average	84.06 %
Average Metric Tons/Day	0.00 mt/d	% Total Volatile Solids, maximum	89.13 %
		pH minimum	5.11 s.u.
		pH maximum	6.30 s.u.
LIQUID SLUDGE REMOVED			
Total Gallons	0 gal	sludge sample temperature, min	14.70 C
Average Gallons/Day	0 gpd	sludge sample temperature, avg	16.79 C
Total Dry Tons	N.R. dt	sludge sample temperature, max	19.30 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	1.10 %
% Total Solids, Minimum	1.1 %	% Total Solids, average	2.15 %
% Total Solids, Average	2.2 %	% Total Solids, maximum	3.20 %
% Total Solids, Maximum	3.2 %	% Total Volatile Solids, minimum	71.82 %
pH, Minimum	6.6 s.u.	% Total Volatile Solids, average	71.85 %
pH, Maximum	6.9 s.u.	% Total Volatile Solids, maximum	71.88 %
		pH minimum	6.62 s.u.
		pH maximum	6.90 s.u.
DEWATERED SLUDGE REMOVED			
Total Gallons to Belt Press	0 gal	sludge sample temperature, min	23.30 C
Average Gallons/Day	0 gpd	sludge sample temperature, avg	29.05 C
% Total Solids, minimum	19.0 %	sludge sample temperature, max	31.70 C
% Total Solids, average	19.0 %		
% Total Solids, maximum	19.0 %	SECONDARY DIGESTER SLUDGE	
% Total Volatile Solids, minimum	70.0 %	% Total Solids, minimum	0.68 %
% Total Volatile Solids, average	71.5 %	% Total Solids, average	0.99 %
% Total Volatile Solids, maximum	73.5 %	% Total Solids, maximum	1.20 %
Total Wet Cubic Yards Removed	25 cu yd	% Total Volatile Solids, minimum	70.00 %
Average Wet Cubic yards/day	0.81 cy/d	% Total Volatile Solids, average	71.48 %
Total Dry Tons	3.8 dt	% Total Volatile Solids, maximum	73.52 %
Average Dry Tons/ Day	0.12 dt/d	pH minimum	6.80 s.u.
Total Metric Tons	3.4 mt	pH maximum	6.85 s.u.
Average Metric Tons/Day	0.11 mt/d	sludge sample temperature, min	26.90 C
		sludge sample temperature, avg	28.35 C
		sludge sample temperature, max	29.80 C
OPERATIONS			
Heat Exchange, Temp In, min	94.00 F	VOLATILE SOLIDS REDUCTION	
Heat Exchange, Temp In, avg	96.13 F	Raw to Secondary Digester, minimum	59.50 %
Heat Exchange, Temp In, max	98.00 F	Raw to Secondary Digester, average	52.48 %
Heat Exchange, Temp Out, min	95.00 F	Raw to Secondary Digester, maximum	59.50 %
Heat Exchange, Temp Out, avg	96.35 F		
Heat Exchange, Temp Out, max	98.00 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

## January 2020 Trouble Log Summary

Date	Report #	Address	Condition(s) Reported	Condition(s) Found	Disposition
1/2/2020	2020-001	700 HENRY STREET	Backflow into property	Main clear	Notified owner/tenant
1/3/2020	2020-002	423 FILMORE STREET	Markout request	Main clear	Markout main/lateral/vent
1/6/2020	2020-004	100 GRANT STREET	Slow/no drainage	Main clear	Notified owner/tenant
1/7/2020	2020-003	701 HARRISON STREET	Vent overflow	Main clear	Notified owner/tenant
1/10/2020	2020-005	407 CLEVELAND AVENUE	Markout request	Main clear	Markout main/lateral/vent
1/13/2020	2020-006	255 PROGRESS STREET	Vent overflow	Main slow	Flush/vac/root cut sewer main
1/13/2020	2020-007	KOSSUTH ST & LAYCOCK ST	Line inspection	Main slow	Flush/vac/root cut sewer main
1/13/2020	2020-008	THIRD ST & CHESTER AVE.	Markout request	Main clear	Markout main/lateral/vent
1/13/2020	2020-009	WEST WASHINGTON STREET	Markout request	Main clear	Markout main/lateral/vent
1/15/2020	2020-010	226 CLEVELAND AVENUE	Vent overflow	Main clear	Notified owner/tenant
1/21/2020	2020-011	801 FILMORE STREET	Backflow into property	Main clear	Notified owner/tenant
1/26/2020	2020-012	700 HENRY STREET	Vent overflow	Main slow	Flush/vac/root cut sewer main
1/27/2020	2020-013	EAST WASHINGTON STREET	Markout request	Main clear	Markout main/lateral/vent
1/28/2020	2020-014	402 HEULINGS AVENUE	Vent overflow	Main clear	Notified owner/tenant
1/28/2020	2020-015	HEULINGS AVE & SECOND ST.	Markout request	Main clear	Markout main/lateral/vent
1/28/2020	2020-016	91 WHITTAKER	Backflow into property	Main clear	Notified owner/tenant

# January 2020 Line Maintenance Summary

<b>Date</b>	<b>Report #</b>	<b>Location</b>	<b>Section</b>	<b>Diameter</b>	<b>Distance</b>	<b>Remarks</b>
1/2/2020	2020-0001	Kossuth St.	136-137	8"	268	FOUND GRIT & GREASE.
1/2/2020	2020-0002	Kossuth St.	119-136	8"	278	FOUND GRIT & GREASE.
1/2/2020	2020-0003	Taylor St.	133-134	8"	200	FOUND GRIT, GREASE & ROOTS.
1/6/2020	2020-0004	Progress St.	217-218	8"	258	FOUND GRIT & GREASE.
1/8/2020	2020-0005	Taylor St.	121-133	8"	250	FOUND GRIT & GREASE.
1/8/2020	2020-0006	Filmore St.	132-131	8"	200	FOUND ROOTS, GRIT & GREASE.
1/14/2020	2020-0007	Progress St.	217-218	8"	258	CCTV INSPECTION
1/14/2020	2020-0008	Progress St.	141-217	8"	296	CCTV INSPECTION.
1/14/2020	2020-0009	Pavilion Ave. North	61-62	8"	204	CCTV INSPECTION.
1/14/2020	2020-0010	Pavilion Ave. North	59-61	8"	157	CCTV INSPECTION.
1/15/2020	2020-0011	Progress St.	141-217	8"	296	
1/15/2020	2020-0012	Progress St.	217-218	8"	258	
1/16/2020	2020-0013	Progress St.	218-219	8"	327	
1/16/2020	2020-0014	Progress St.	219-418	8"	296	
1/17/2020	2020-0015	Progress St.	218-219	8"	327	
1/22/2020	2020-0016	Kossuth St.	136-137	8"	268	
1/28/2020	2020-0017	Whittaker St.	223-439	8"	292	CCTV INSPECTION.
1/28/2020	2020-0018	Whittaker St.	222-223	8"	245	CCTV INSPECTION.
1/28/2020	2020-0019	Whittaker St.	221-222	8"	246	CCTV INSPECTION.
1/28/2020	2020-0020	Whittaker St.	220-221	8"	285	CCTV INSPECTION.

