

Monday Afternoon  
Riverside, NJ  
April 13, 2020  
**Teleconference 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 April 6, 2020.
2. Written notice was delivered to the Burlington County Times and the Courier Post on April 6, 2020.
3. Filed written notice with the Clerk of the Township of Riverside on April 6, 2020.

The regular meeting of the Riverside Sewerage Authority was held on the above date during a Teleconference Meeting due to the COVID – 19 Pandemic.

### **ROLL CALL**

Mr. Mingin – present, Mr. Haman – present, Mr. Conard – present, Mr. Van Meter – present, Mr. Horton – present.

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

### **RESOLUTION:**

Chairman Horton question the Engineer if the Consent for the Treatment Works Approval Application that was submitted is acceptable for approval? Engineer Dougherty answered that the TWA Approval was signed approximately 18 months ago and the developer reconfigured their units and now have 170 units so they had to reconfigure their sewer and they had to reapply. The Engineer further explained that the amended plans that the Developer submitted are adequate for approval.

**Mr. Mingin made a motion to adopt Resolution 2020 - #18 entitled, “A Resolution of the Riverside Sewerage Authority Authorizing the Execution of the Statements of Consent for the Treatment Works Approval (TWA) Application for Camelot at Riverside Urban Renewal LLC” seconded by Mr. Haman. Upon roll call the vote was as follows: Ayes – Messrs. Mingin, Conard, Van Meter, Haman and Horton. Abstain – None. Nays – None. Motion carried.**



Mr. Haman made a motion to adopt Resolution 2020 - #19 entitled, "A Resolution of the Riverside Sewerage Authority Authorizing and Establishing the Professional Services Budget for Various Projects" seconded by Mr. Conard. Upon roll call the vote was as follows: Ayes – Messrs. Mingin, Conard, Van Meter, Haman and Horton. Abstain – None. Nays – None. Motion carried.

**APPROVAL OF MINUTES:**

Motion made by Mr. Conard and Mr. Mingin that the minutes of the Work Session Meeting of March 9, 2020 and the Regular Meeting of March 9, 2020 be approved as written carried.

**PUBLIC PORTION – (TECHNICAL):**

Chairman Horton opened Public Portion (Technical)

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

**OLD BUSINESS:**

- 1) SJM Riverside (Taubel Mills) – Treasurer Jack reported that the Developer has installed fencing and is finishing up their environmental studies.
- 2) Connection Fees and Rates – **Motion made by Messrs. Mingin and Haman to table this until a Regular Meeting can be held carried.**
- 3) Stout and Caldwell – Chairman Horton stated that no Action is needed at this time.
- 4) Enterprise Fleet Management – Administrator Jack reported that this can be held until the Authority meets again in person.

**NEW BUSINESS:**

- 1) NJWEA 105<sup>th</sup> Annual Conference and Exposition May 11, 2020 – May 15, 2020.
- 2) Financial Disclosure Statements must be filed by April 30, 2020.
- 3) Merritt Salvatore – 519 Kossuth Street – Sewerage backing up into street.
- 4) Eucelia Rivera – 222 Cleveland Avenue – Sewerage backing up, coming out of vent.

**ACTION:**

- 1) Authorizing to approve the Treasurer to pay all bills and expenditures should an Authority Meeting not be held due to the COVID-19 Pandemic **approved on motion by Mr. Van Meter and Mr. Mingin carried.**

**CORRESPONDENCE:**

Chairman Horton requested the Engineer to review the correspondence that the Authority received from Pennoni Engineering. Engineer Dougherty explained that the two letters were his review of the TWA Permit Application that was approved.

- 1) Pennoni – Camelot at Riverside, Block 602, Lot 2.012 Urban Renewal, LLC Re-submission of Treatment Works Application (TWA) Sewer Review No. 2.
- 2) Pennoni – Camelot at Riverside, Block 602, Lot 2.012 Urban Renewal, LLC Re-submission of Treatment Works Application (TWA)
- 3) Riverside Township School District – George F. Conard Sr. Award. – **Motion made by Mr. Haman, seconded by Mr. Mingin to approve the issuance of the award carried.**

### **REPORTS:**

#### **PLANT:**

Mr. Conard reported that everything is running satisfactory.

#### **APPEALS**

Mr. Mingin had no report.

#### **REVENUE AND FINANCE:**

Mr. Haman had no report.

#### **STREETS:**

Mr. Van Meter reported that 4082 feet of line maintenance was performed and the camera truck was used for 2420 feet of line maintenance.

#### **INSPECTIONS:**

Mr. Horton reported that there were no inspections for the month.

#### **SUPERINTENDENT'S REPORT:**

Superintendent Bader reported that the contractor has started the Building #1 Office Roof Replacement but the flashing cap is not complete.

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

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

#### **ENGINEER'S REPORT:**

The Engineer Dougherty reported that the NJPDES Permit expires this year and will be submitted in June, the Project List was reviewed, the Plant flow will be evaluated, the Arc Flash study is proceeding, the 2018 EDU Calculation is 2,877 EDUs and this is based on consumption 1 EDU is

**RIVERSIDE SEWERAGE AUTHORITY  
PLANT OPERATOR'S REPORT  
AUTHORITY MEETING – April 13, 2020**

1. The Plant Performance Summary for February, 2020 is attached for review. There was a violation of the 5 Day BOD Removal Efficiency during this reporting period. I'm confident this was due to a labeling error with the Influent BOD and the Effluent BOD. This violation was reported to the NJDEP. The case number is 200413121554. The Residuals [Sludge] Management Summary for February, 2020 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 March, 2020 is attached for review.

Four Properties were reported to the NJDEP for a lateral vent overflow this reporting period.

1. 222 Cleveland Avenue. The NJDEP Case # is 200309142732.
2. 300 Fairview Street. The NJDEP Case # is 200316222712.
3. 527 Kossuth Street. The NJDEP Case # is 20031813512.
4. 51 Spring Garden Street. The NJDEP Case # is 200323101752.

3. The Line Maintenance Summary for March, 2020 is attached for review.

4. Measurements taking on April 8, 2020 for the Secondary Digester are North 27", South 30", East 29", and West 30". There is a 3" 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.

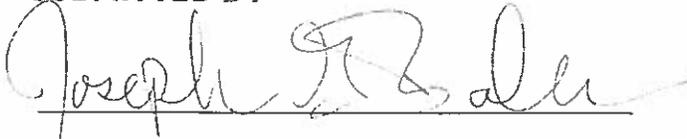
5. Three quotations were requested to replace QC/Eurofins Laboratories from Garden State Laboratories, New Jersey Analytical Laboratories and ALS Global. The quotations that have been received are averaging [\$16,000.00]. On Hold

6. Robert Ganter Contractors Inc. started the Building 1 Office Roof replacement, but the flashing cap is not completed. The Wall Flashing is on back order.

7. Sand filter #1 has been returned to service. The NJDEP Case # is 200312140457.

8. 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.

SUBMITTED BY



JOSEPH G. BADER  
SUPERINTENDENT

## PLANT PERFORMANCE SUMMARY

February 2019

PARAMETER	PERMIT	REPORTED	PARAMETER	PERMIT	REPORTED
<b>FLOW, EFFLUENT</b>			<b>NITRATE (AS N), EFFLUENT</b>		
Monthly Avg	Report	1.00 MGD	Mon Avg Conc	Report	19.70 MG/L
Daily Maximum	Report	1.88 MGD	Daily Max Conc	Report	19.70 MG/L
<b>FLOW INFLUENT</b>			<b>E. COLI</b>		
Mon Avg Conc	Report	0.57 MGD	Monthly Avg	Report	25.04 /100ML
Weekly Avg Conc	Report	1.51 MGD	Instant Max	Report	57.00 /100ML
<b>5 DAY BOD, INFLUENT</b>			<b>FECAL COLIFORM, EFFLUENT</b>		
Mon Avg Conc	Report	145.00 MG/L	Monthly Avg	200/100ML	180.00 /100ML
Weekly Avg Conc	Report	220.00 MG/L	Weekly Avg	400/100ML	180.00 /100ML
<b>5 DAY BOD, EFFLUENT</b>			<b>BIOASSAY, EFFLUENT</b>		
Mon Avg Loading	98 KG/D	97.37 KG/D	LC50 96 hr Acute	50%	0.00 %
Weekly Avg Loading	147 KG/D	187.43 KG/D	IC25 7 day Chronic	Report	0.00 %
Mon Avg Conc	30 MG/L	27.03 MG/L	<b>CHLORINE PRODUCED OXIDANTS, EFFLUENT</b>		
Weekly Avg Conc	45 MG/L	52.40 MG/L	Mon Avg Conc	Report	0.00 MG/L
<b>5 DAY BOD REMOVAL EFFICIENCY</b>			Daily Max Conc	Report	0.00 MG/L
Mon Avg Minimum	88.5%	83.19 %	<b>TEMPERATURE, INFLUENT</b>		
<b>pH, INFLUENT</b>			Minimum	Report	13.40 DEG C
Minimum	Report	6.87 S.U	Monthly Avg	Report	14.96 DEG C
Maximum	Report	7.39 S.U	Maximum	Report	16.60 DEG C
<b>pH, EFFLUENT</b>			<b>TEMPERATURE, EFFLUENT</b>		
Minimum	6.00 S.U.	6.01 S.U	Minimum	Report	10.90 DEG C
Maximum	9.00 S.U.	7.20 S.U.	Monthly Avg	Report	13.89 DEG C
<b>TOTAL SUSP SOLIDS, INFLUENT</b>			Maximum	Report	15.80 DEG C
Mon Avg Conc	Report	163.67 MG/L	<b>DISSOLVED OXYGEN, EFFLUENT</b>		
Weekly Avg Conc	Report	183.00 MG/L	Wkly Avg Conc [Min]	4.0 MG/L	6.70 MG/L
<b>TOTAL SUSP SOLIDS, EFFLUENT</b>			<b>PHOSPHOROUS, EFFLUENT</b>		
Mon Avg Loading	113 KG/D	65.42 KG/D	Mon Avg Conc	Report	5.50 MG/L
Weekly Avg Loading	170 KG/D	80.76 KG/D	Weekly Avg Conc	Report	5.50 MG/L
Mon Avg Conc	30 MG/L	23.00 MG/L	<b>COPPER, EFFLUENT</b>		
Weekly Avg Conc	45 MG/L	34.00 MG/L	Mon Avg Conc	Report	0.00 MG/L
<b>TOTAL SUSP SOLIDS REMOVAL EFFICIENCY</b>			Daily Max Conc	Report	0.00 MG/L
Mon Avg Minimum	85.0%	86.15 %	<b>ZINC, EFFLUENT</b>		
<b>OIL&amp;GREASE, EFFLUENT</b>		1 /3Months	Mon Avg Conc	Report	0.00 MG/L
Mon Avg Conc	10 MG/L	0.00 MG/L	Daily Max Conc	Report	0.00 MG/L
Daily Max Conc	15 MG/L	2.00 MG/L	Total Dissolved Solids	Effluent	1/month
<b>AMMONIA NITROGEN (NOV-APR), EFFLUENT</b>			Mon Avg Conc	Report	328.00 MG/L
Mon Avg Loading	75.7 KG/D	1.42 KG/D	Daily Max Conc	Report	328.00 MG/L
Daily Max Loading	151.4 KG/D	2.37 KG/D			
Mon Avg Conc	20 MG/L	0.40 MG/L			
Daily Max Conc	40 MG/L	0.68 MG/L			

Code = N            Not Required This Monitoring Period  
 #DIV/O! =        No Data Required This Month  
 0 0000 =        Not Required This Monitoring Period  
 LC50 96 hr Acute    Required 1/6months  
 IC25 7 day Chronic    Required 1/ 12 Monthes

## RESIDUALS MANAGEMENT SUMMARY

February 2019

SLUDGE PRODUCED		RAW SLUDGE	
Total Gallons	0.00 gal	% Total Solids, minimum	0.84 %
Average Gallons/Day	0.00 gpd	% Total Solids, average	0.84 %
Total Dry Tons	0.00 dt	% Total Solids, maximum	0.84 %
Average Dry Tons/ Day	0.00 dt/d	% Total Volatile Solids, minimum	80.95 %
Total Metric Tons	0.00 mt	% Total Volatile Solids, average	80.95 %
Average Metric Tons/Day	0.00 mt/d	% Total Volatile Solids, maximum	80.95 %
LIQUID SLUDGE REMOVED		pH minimum	5.01 s.u.
		pH maximum	6.28 s.u.
Total Gallons	0.00 gal	sludge sample temperature, min	13.60 C
Average Gallons/Day	0.00 gpd	sludge sample temperature, avg	15.46 C
Total Dry Tons	N.R. dt	sludge sample temperature, max	19.70 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	0.00 %
% Total Solids, Minimum	0.00 %	% Total Solids, average	0.00 %
% Total Solids, Average	0.00 %	% Total Solids, maximum	0.00 %
% Total Solids, Maximum	0.00 %	% Total Volatile Solids, minimum	0.00 %
pH, Minimum	0.00 s.u.	% Total Volatile Solids, average	0.00 %
pH, Maximum	0.00 s.u.	% Total Volatile Solids, maximum	0.00 %
DEWATERED SLUDGE REMOVED		pH minimum	0.00 s.u.
		pH maximum	6.89 s.u.
Total Gallons to Belt Press	0.00 gal	sludge sample temperature, min	24.00 C
Average Gallons/Day	0.00 gpd	sludge sample temperature, avg	0.00 C
% Total Solids, minimum	0.00 %	sludge sample temperature, max	31.00 C
% Total Solids, average			
% Total Solids, maximum	0.00 %	SECONDARY DIGESTER SLUDGE	
% Total Volatile Solids, minimum	0.00 %	% Total Solids, minimum	0.50 %
% Total Volatile Solids, average		% Total Solids, average	0.00 %
% Total Volatile Solids, maximum	0.00 %	% Total Solids, maximum	0.50 %
Total Wet Cubic Yards	25.00 cu yd	% Total Volatile Solids, minimum	100.00 %
Average Wet Cubic Yards	0.83 cy/d	% Total Volatile Solids, average	0.00 %
Total Dry Metric Tons		% Total Volatile Solids, maximum	100.00 %
Average Dry Metric Tons a Day		pH minimum	6.75 s.u.
		pH maximum	6.75 s.u.
		sludge sample temperature, min	29.60 C
		sludge sample temperature, avg	29.60 C
		sludge sample temperature, max	29.60 C
OPERATIONS			
Heat Exchange, Temp In, min	90.00 F	VOLATILE SOLIDS REDUCTION	
Heat Exchange, Temp In, avg	93.79 F	Raw to Secondary Digester, minimum	#DIV/0! %
Heat Exchange, Temp In, max	96.00 F	Raw to Secondary Digester, average	#DIV/0! %
Heat Exchange, Temp Out, min	90.00 F	Raw to Secondary Digester, maximum	#DIV/0! %
Heat Exchange, Temp Out, avg	93.96 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

## March 2020 Trouble Log Summary

<b>Date</b>	<b>Report #</b>	<b>Address</b>	<b>Condition(s) Reported</b>	<b>Condition(s) Found</b>	<b>Disposition</b>
3/1/2020	2020-024	700 HENRY STREET	Backflow into property	Main slow	Flush/vac/root cut sewer main
3/1/2020	2020-025	303 FILMORE STREET	Vent overflow	Main clear	Notified owner/tenant
3/1/2020	2020-026	245 HOOKER STREET	Backflow into property	Main slow	Flush/vac/root cut sewer main
3/2/2020	2020-027	245 HOOKER STREET	Vent overflow	Main clear	Notified owner/tenant
3/2/2020	2020-028	306 GREENWOOD AVENUE	Markout request	Main clear	Markout main/lateral/vent
3/5/2020	2020-029	148 E. WASHINGTON ST.	Markout request	Main clear	Markout main/lateral/vent
3/9/2020	2020-030	222 CLEVELAND AVENUE	Vent overflow	Main clear	Notified owner/tenant
3/10/2020	2020-031	132 SPRING GARDEN ST.	Markout request	Main clear	Markout main/lateral/vent
3/13/2020	2020-032	51 SPRING GARDEN STREET	Slow/no drainage	Main slow	Flush/vac/root cut sewer main
3/16/2020	2020-033	500 TAYLOR STREET	Backflow into property	Main slow	Flush/vac/root cut sewer main
3/16/2020	2020-034	300 S. FAIRVIEW STREET	Vent overflow	Main clear	Notified owner/tenant
3/17/2020	2020-035	500 BRIDGEBORO STREET	Vent overflow	Main clear	Notified owner/tenant
3/18/2020	2020-036	527 KOSSUTH STREET	Vent overflow	Main clear	Notified owner/tenant
3/18/2020	2020-037	527 KOSSUTH STREET	Vent overflow	Main clear	Notified owner/tenant
3/19/2020	2020-038	500 BRIDGEBORO STREET	Vent overflow	Main clear	Notified owner/tenant
3/23/2020	2020-039	51 SPRING GARDEN STREET	Vent overflow	Main clear	Notified owner/tenant
3/24/2020	2020-040	1 NORTH PAVILION AVENUE	Markout request	Main clear	Markout main/lateral/vent
3/24/2020	2020-041	257 SYLVAN STREET	Markout request	Main clear	Markout main/lateral/vent
3/26/2020	2020-042	36 HENRY STREET	Backflow into property	Main clear	Notified owner/tenant

## March 2020 Line Maintenance Summary

Date	Report #	Location	Section	Diameter	Distance	Remarks
3/5/2020	2020-0035	Palmer St.	150-149	8"	240	TV INSPECTION.
3/5/2020	2020-0036	Palmer St.	149-147	8"	241	TV INSPECTION.
3/5/2020	2020-0037	Palmer St.	147-146	8"	245	TV INSPECTION.
3/5/2020	2020-0038	Filmore St.	147-148	8"	250	TV INSPECTION
3/11/2020	2020-0039	Taylor St.	133-134	8"	200	ROOT TREATMENT.
3/12/2020	2020-0040	Dauphin St.	153-154	8"	245	ROOT SAW.
3/12/2020	2020-0041	Dauphin St.	154-155	8"	245	ROOT SAW.
3/16/2020	2020-0042	Taylor St.	101-109	8"	452	FOUND GREASE.
3/16/2020	2020-0043	Taylor St.	96-101	8"	520	FOUND GREASE.
3/25/2020	2020-0044	Palmer St.	146-144	8"	245	TV INSPECTION.
3/25/2020	2020-0045	Taylor St.	146-135	8"	489	TV INSPECTION.
3/25/2020	2020-0046	Palmer St.	144-143	8"	87	TV INSPECTION.
3/25/2020	2020-0047	Kossuth St.	144-CO	8"	225	TV INSPECTION.
3/31/2020	2020-0048	Filmore St.	148-130	8"	148	TV INSPECTION.
3/31/2020	2020-0049	Filmore St.	147-148	8"	250	TV INSPECTION.

153 gpd. The NJDEP design standard for a single-family dwelling (3 bedroom): 1 EDU is 300 gpd. The next PMP Report is due July 2020.

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 reported that the Audit cannot be completed at this time due to the COVID-19 Pandemic.

**BILLS AND EXPENDITURES:**

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

**PUBLIC PORTION (INFORMATIONAL)**

In seeing no members of the public present, Chairman Horton did not open Public Portion (Informational.)

Chairman Horton thanked everyone for attending the Teleconference Meeting and wished everyone good health and to stay safe.

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

  
Susan M. Dydek, RMC  
Authority Secretary