

Monday Afternoon
Riverside, NJ
April 12, 2021
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 March 2, 2021.
2. Written notice was delivered to the Burlington County Times and the Courier Post on March 2, 2021.
3. Filed written notice with the Clerk of the Township of Riverside on March 2, 2021.

ROLL CALL:

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

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

RESOLUTION:

Motion made by Mr. Giovanetti that Resolution 2021 - #18 entitled, "Resolution Refunding Duplicate Payments on Utility Taxes" seconded by Mr. Mingin. Upon roll call the vote was as follow: Ayes – Messrs. Giovanetti, Mingin, Van Meter and Horton. Nays – None. Abstain – None. Motion carried.

APPROVAL OF MINUTES:

Motion made by Mr. Van Meter, seconded by Mr. Mingin that the minutes of the Work Session Meeting of March 8, 2021 and the Regular Meeting of March 8, 2021 be approved as written carried.

PUBLIC PORTION – (TECHNICAL):

- 1) Armindo Viana – 603 Kossuth Street – Sanitary Sewer Connection. **Motion made by Mr. Van Meter, seconded by Mr. Mingin to approve the aforementioned sewer connection carried.**

- 2) Jessica L. Staszewski, FWH Associates, PA – Field Change Request for Sanitary Sewer Connection for Buildings A and B at The Mill of Riverside. **Mr. Van Meter made a motion to approve the Field Change Request seconded by Mr. Mingin carried.**
- 3) Meredith Remz - Will Serve Letter for 102 Middleton Street. **Mr. Mingin made a motion that the Will Serve Letter be prepared seconded by Mr. Giovanetti carried.**

In hearing no additional members of the Public wishing to speak, **motion made by Messrs. Van Meter and Mingin that Public Portion (Technical) be closed carried.**

OLD BUSINESS:

- 1) Financial Disclosure Statements must be filed by April 30, 2021.

NEW BUSINESS:

- 1) Harry Buscher – 633 Polk Street – Sewer in crawl space backing up. Superintendent Bader reported that this was the Homeowner’s issue.
- 2) Authorization to renew the contract with Virtua Occupational Health for Pre-Employment Drug and Physical Testing. **Motion made by Mr. Giovanetti and Mr. Mingin to approve the aforementioned contract carried.**

ACTION:

None.

CORRESPONDENCE:

- 1) Riverside Township School District – Requesting support for award. **Motion made by Mr. Van Meter to approve the award request seconded by Mr. Mingin carried.**

REPORTS:

PLANT:

Mr. Conard was not in attendance.

APPEALS

Mr. Mingin reported that there were no appeals filed.

REVENUE AND FINANCE:

Mr. Giovanetti had no report.

**RIVERSIDE SEWERAGE AUTHORITY
PLANT OPERATOR'S REPORT
AUTHORITY MEETING – April 12, 2021**

1. The Plant Performance Summary for February, 2021 is attached for review. There were no violations during this reporting period. The Residuals [Sludge] Management Summary for February, 2021 is also attached for review. Dewatered sludge [0 yds] were removed by the Woolston Company for composting at the County facility.

2. The Trouble Log Summary for March, 2021 is attached for review.

One Property was reported to the NJDEP for a lateral vent overflow this reporting period.

A. 601 Chester Avenue. NJDEP Case # 210305113146.

3. The Line Maintenance Summary for March, 2021 is attached for review.

4. No measurements were taking for the Secondary Digester Cover tilt during 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. A hidden Manhole was found on Washington Street near Park Avenue during the paving. The manhole was damaged. M&N Associates was contacted to replace the manhole and raise to the new paved street level.

M&N Associates replaced Manhole # 194 on Middleton Street to meet the new street level. A raiser would now fit the old manhole.

6. An emergency repair was required on the influent valve to Grit Chamber 2. The packing gland was damaged during the winter months and the temporary repair was no longer holding. M&N Associates performed the replacement. The NJDEP case number is 210324131016.

7. Trickling Filter Recirculation Pump #1 requires repairs. The mechanical seal failed and seal water was flooding the Recirculation Room. Willier is performing the rebuild.

8. Universal Instruments Service Company was onsite for the calibration of the Influent Flow Meter. Unfortunately, due to a communication error they calibrated the effluent meter not the influent meter. A new scheduled day for return has not been received as of the writing of this report.

9. The installation of the 75 kW Generator has been completed and operating as designed.

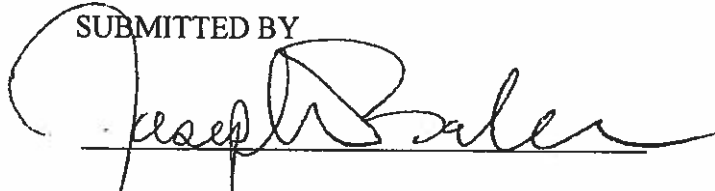
10. Willier has completed the Trickling Filter Recirculation Pump #2 installation. The pump has been returned to service and is now operating as designed.

11. Grit Chamber #1 was returned to service. NJDEP Case # 201021140220. The Comminutor repairs have been completed. The Grit Chamber is now operating as designed.

**RIVERSIDE SEWERAGE AUTHORITY
PLANT OPERATOR'S REPORT
AUTHORITY MEETING - April 12, 2021**

12. The Sand Filter # 3 remains out of service for inspection and maintenance. The NJDEP Case # is 200427184535.
13. Contech completed the repairs to the building 6 computer. The SCADA system is now operating as designed.
14. Primary Clarifier #2 is out of services for repairs. The Scum Arm requires repairs. The out of service NJDEP case number is 210407093338. Willier was contacted to perform the repairs.
15. The Mixer Pump for the Primary Digester is out of service for repairs. A Seal failed allowing sludge to flood the Mixer Room. Shaft and Sleeves was contacted to perform the repairs. The NJDEP case number is 210412130218.

SUBMITTED BY

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

JOSEPH G. BADER
SUPERINTENDENT

PLANT PERFORMANCE SUMMARY

February-21

PARAMETER	PERMIT	REPORTED	PARAMETER	PERMIT	REPORTED
FLOW, INFLUENT			NITRATE (AS N), EFFLUENT 1 / 6 months		
Monthly Avg	Report	0.811 MGD	Mon Avg Conc	Report	#DIV/0! MG/L
Daily Maximum	Report	1.113 MGD	Daily Max Conc	Report	0.00 MG/L
FLOW, EFFLUENT			E. COLI 2 / month		
Monthly Avg	Report	0.694 MGD	Monthly Avg	Report	4.90 /100ML
Daily Maximum	Report	0.865 MGD	Instant Max	Report	12.00 /100ML
5 DAY BOD, INFLUENT			FECAL COLIFORM, EFFLUENT Require Reuse Only		
Mon Avg Conc	Report	163.00 MG/L	Monthly Avg	200/100ML	1965.89 /100ML
Weekly Avg Conc	Report	194.00 MG/L	Weekly Avg	400/100ML	2419.00 /100ML
5 DAY BOD, EFFLUENT			BIOASSAY, EFFLUENT		
Mon Avg Loading	98 KG/D	33.30 KG/D	LC50 96 hr Acute	50	#DIV/0! %
Weekly Avg Loading	147 KG/D	42.80 KG/D	IC25 7 day Chronic	Report	#DIV/0! %
Mon Avg Conc	30 MG/L	13.23 MG/L	CHLORINE PRODUCED OXIDANTS, EFFLUENT		
Weekly Avg Conc	45 MG/L	15.20 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	91.88 %	TEMPERATURE, INFLUENT		
pH, INFLUENT			Minimum	Report	10.2 DEG C
Minimum	Report	6.86 S.U.	Monthly Avg	Report	12.8 DEG C
Maximum	Report	7.41 S.U.	Maximum	Report	14.8 DEG C
pH, EFFLUENT			TEMPERATURE, EFFLUENT		
Minimum	6.00 S.U.	6.16 S.U.	Minimum	Report	9.3 DEG C
Maximum	9.00 S.U.	6.86 S.U.	Monthly Avg	Report	11.7 DEG C
TOTAL SUSP SOLIDS, INFLUENT			Maximum	Report	14.5 DEG C
Mon Avg Conc	Report	120.3 MG/L	DISSOLVED OXYGEN, EFFLUENT		
Weekly Avg Conc	Report	174.0 MG/L	Wkly Avg Conc [Min]	4.0 MG/L	6.41 MG/L
TOTAL SUSP SOLIDS, EFFLUENT			PHOSPHOROUS, EFFLUENT 1 / month		
Mon Avg Loading	113 KG/D	37.60 KG/D	Mon Avg Conc	Report	4.1 MG/L
Weekly Avg Loading	170 KG/D	45.06 KG/D	Weekly Avg Conc	Report	4.1 MG/L
Mon Avg Conc	30 MG/L	14.97 MG/L	COPPER, EFFLUENT Quarterly only		
Weekly Avg Conc	45 MG/L	16.00 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	76.72 %	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	414.0 MG/L
Mon Avg Loading	75.7 KG/D	5.64 KG/D	Daily Max Conc	Report	414.0 MG/L
Daily Max Loading	151.4 KG/D	8.73 KG/D			
Mon Avg Conc	20 MG/L	2.20 MG/L			
Daily Max Conc	40 MG/L	3.10 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

February-21

SLUDGE PRODUCED			RAW SLUDGE	
Total Gallons		gal	% Total Solids, minimum	1.1 %
Average Gallons/Day	0	gpd	% Total Solids, average	0.0 %
Total Dry Tons	0	dt	% Total Solids, maximum	0.0 %
Average Dry Tons/ Day	0	dt/d	% Total Volatile Solids, minimum	73.9 %
Total Metric Tons	0	mt	% Total Volatile Solids, average	0 %
Average Metric Tons/Day	0	mt/d	% Total Volatile Solids, maximum	0 %
			pH minimum	0 s.u.
			pH maximum	0 s.u.
LIQUID SLUDGE REMOVED				
Total Gallons		gal	sludge sample temperature, min	0 C
Average Gallons/Day	0	gpd	sludge sample temperature, avg	0.0 C
Total Dry Tons	N.R.	dt	sludge sample temperature, max	0 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 %
% Total Solids, Minimum	N.R.	%	% Total Solids, average	0 %
% Total Solids, Average	N.R.	%	% Total Solids, maximum	0 %
% Total Solids, Maximum	N.R.	%	% Total Volatile Solids, minimum	0 %
pH, Minimum	N.R.	s.u.	% Total Volatile Solids, average	0 %
pH, Maximum	N.R.	s.u.	% Total Volatile Solids, maximum	0 %
			pH minimum	0 s.u.
			pH maximum	0 s.u.
DEWATERED SLUDGE REMOVED				
Total Gallons to Belt Press		gal	sludge sample temperature, min	0 C
Average Gallons/Day		gpd	sludge sample temperature, avg	0.0 C
% Total Solids, minimum	0	%	sludge sample temperature, max	0 C
% Total Solids, average	0	%		
% Total Solids, maximum	0	%	SECONDARY DIGESTER SLUDGE	
% Total Volatile Solids, minimum	50.00	%	% Total Solids, minimum	14.3 %
% Total Volatile Solids, average	0.00	%	% Total Solids, average	0 %
% Total Volatile Solids, maximum	0.00	%	% Total Solids, maximum	0 %
Total Wet Cubic Yards Removed	13	cu yd	% Total Volatile Solids, minimum	75.5 %
Average Wet Cubic yards/day	0.00	cy/d	% Total Volatile Solids, average	0 %
Total Dry Tons	0	dt	% Total Volatile Solids, maximum	0 %
Average Dry Tons/ Day	0	dt/d	pH minimum	0 s.u.
Total Metric Tons	0	mt	pH maximum	0 s.u.
Average Metric Tons/Day	0	mt/d	sludge sample temperature, min	0 C
			sludge sample temperature, avg	0 C
			sludge sample temperature, max	0 C
OPERATIONS				
Heat Exchange, Temp In, min	120.0	°F		
Heat Exchange, Temp In, avg	0.0	°F	VOLATILE SOLIDS REDUCTION	
Heat Exchange, Temp In, max	0.0	°F	Raw to Secondary Digester, minimum	%
Heat Exchange, Temp Out, min	110.0	°F	Raw to Secondary Digester, average	%
Heat Exchange, Temp Out, avg	0.0	°F	Raw to Secondary Digester, maximum	%
Heat Exchange, Temp Out, max	0.0	°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

R.T.S. = Return To Service
N.I.S. = Not In Service

March 2021 Trouble Log Summary

Date	Report #	Address	Condition(s) Reported	Condition(s) Found	Disposition
3/2/2021	2021-031	612 BEM STREET	Backflow into property	Main clear	Notified owner/tenant
3/2/2021	2021-032	703 CLEVELAND AVENUE	Markout request	Main clear	Markout main/lateral/vent
3/4/2021	2021-033	624 RIVER DRIVE	Markout request	Main clear	Markout main/lateral/vent
3/5/2021	2021-034	602 DELAWARE AVENUE	Backflow into property	Main clear	Notified owner/tenant
3/5/2021	2021-035	601 CHESTER AVENUE	Vent overflow	Main clear	Notified owner/tenant
3/7/2021	2021-036	604 SECOND STREET	Backflow into property	Main slow	Flush/vac/root cut sewer main
3/18/2021	2021-037	307 DELAWARE AVENUE	Vent overflow	Main clear	Notified owner/tenant
3/26/2021	2021-038	633 POLK STREET	Backflow into property	Main clear	Notified owner/tenant
3/26/2021	2021-039	612 BEM STREET	Backflow into property	Main clear	Notified owner/tenant
3/30/2021	2021-040	600 ARNDT AVENUE	Line inspection	Main slow	Flush/vac/root cut sewer main

March 2021 Line Maintenance Summary

Date	Report #	Location	Section	Diameter	Distance	Remarks
3/4/2021	2021-0036	River Dr.	356-355	8"	255	TV INSPECTION.
3/9/2021	2021-0037	River Dr.	357-354	8"	336	TV INSPECTION.
3/9/2021	2021-0038	River Dr.	354-353	8"	332	TV INSPECTION.
3/10/2021	2021-0039	Rancocas Ave.	330-329	8"	162	JET & VAC.
3/11/2021	2021-0040	River Dr.	357-356	8"	208	TV INSPECTION.
3/11/2021	2021-0041	Pulaski Ave.	358-357	8"	314	TV INSPECTION.
3/17/2021	2021-0042	Jefferson St.	7-10	12"	262	TV INSPECTION.
3/17/2021	2021-0043	Jefferson St.	6-7	12"	303	TV INSPECTION.
3/17/2021	2021-0044	Jefferson St.	5-6	12"	355	TV INSPECTION.
3/19/2021	2021-0045	Lincoln Ave.	23-24	8"	253	JET. FOUND GRIT.
3/19/2021	2021-0046	Lincoln Ave.	25-27	8"	300	JET. FOUND GRIT.
3/19/2021	2021-0047	Lincoln Ave.	27-430	8"	160	JET. FOUND GRIT.
3/19/2021	2021-0048	Lincoln Ave.	430-28	8"	126	JET. FOUND GRIT.
3/19/2021	2021-0049	Jefferson St.	3-5	12"	387	TV INSPECTION.
3/19/2021	2021-0050	Lincoln Ave.	430-28	8"	128	TV INSPECTION.

STREETS:

Mr. Van Meter reported that men performed 3881 feet of line maintenance.

INSPECTIONS:

Mr. Horton had no report.

SUPERINTENDENT'S REPORT:

Superintendent Bader reported that the Trouble Line Summary for March 2021 was submitted. There was one property that was reported to the DEP, 601 Chester Avenue for a lateral vent overflow. A hidden manhole was found on Washington Street near Park Avenue during the Township's paving project. The manhole was damaged and M&N Associates was contacted to replace the manhole and raise it to the new paved street level. The installation of the generator has been completed and is operating as designed. Contech completed the repairs to the computer at building 6. The SCADA System is operating as designed.

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 distributed. There were no questions or concerns presented.

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

MONTHLY FINANCIAL REPORT:

Treasurer Jack reported that she is preparing for the audit.

Motion made by Mr. Giovanetti, seconded by Mr. Mingin to accept the Treasurer's Report carried.

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 hearing that no members of the public wishing to speak, **motion made by Mr. Van Meter and Mr. Mingin that Public Portion (Informational) be closed 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.



Susan M. Dydek, RMC
Authority Secretary

