

Monday Afternoon
Riverside, NJ
May 10, 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. George Conard – not in attendance, Mr. Van Meter – present, Mr. Horton – present.

Also present: Authority Secretary Susan M. Dydek, Assistant Superintendent Jeffrey Conard and Treasurer Meghan Jack. Superintendent Joseph Bader was not in attendance.

RESOLUTION:

Motion made by Mr. Giovanetti that Resolution 2021 - #19 entitled, “A Resolution of the Riverside Sewerage Authority Authorizing a Change Order to the Emergency Backup Generator Replacement Project” 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 April 12, 2021 and the Regular Meeting of April 12, 2021 be approved as written carried.

PUBLIC PORTION – (TECHNICAL):

- 1) Louis Camishion – 912 & 914 Fairview Street – Sanitary Sewer Connection. **Motion made by Mr. Giovanetti, seconded by Mr. Mingin to approve the aforementioned sewer connection with the Superintendent’s approval carried.**

RESOLUTION 2021 - #19

A RESOLUTION OF THE RIVERSIDE SEWERAGE AUTHORITY
AUTHORIZING A CHANGE ORDER TO THE
EMERGENCY BACKUP GENERATOR REPLACEMENT PROJECT.

WHEREAS, the Riverside Sewerage Authority awarded a contract to Scalfo Electric Inc.; and

WHEREAS, in accordance with the project plans and specifications, the Change Order is due to multiple modifications to the gas service including the installation of a new high-pressure gas service to the sewer plant; and

WHEREAS, the Riverside Sewerage Authority wish to approve the following change to the original contract:

Change Order #2 (increase): \$3,103.22
Amended Contract Amount: \$52,755.77

Adopted at the Teleconference Meeting of the Riverside Sewerage Authority on May 10, 2021.

Richard S. Horton
Richard Horton, Chairman

Susan M. Dydek
Susan M. Dydek RMC
Authority Secretary

AUTHORITY MEMBER	MOTION	2 nd	YES	ABSTAIN	NO	ABSENT
MINGIN		2 nd	X			
GIOVANETTI	1 st		X			
CONARD						X
VAN METER			X			
HORTON			X			

CERTIFICATION

I, Susan Dydek, RMC, Riverside Sewerage Authority Secretary, hereby certify that the foregoing resolution was duly adopted by the Riverside Sewerage Authority at its Regular Business Meeting held on the 10th day of May, 2021.

Susan M. Dydek
Susan Dydek, RMC
Authority Secretary

In hearing no additional members of the Public wishing to speak, **Public Portion (Technical) was unanimously closed, carried.**

OLD BUSINESS:

- 1) None.

NEW BUSINESS:

- 1) Marissa Ally – 701 Henry Street – Sewer clog.
- 2) Branca Pavasovic – 207 Paine Street – Back-up of sludge from vent out front.

ACTION:

None.

CORRESPONDENCE:

- 1) Pennoni – The Mill at Riverside – Block 1201, Lots 1, 1.01 & 2, Block 904, Lots 1 & 2.01 SJM Riverside, LLC – Treatment Works Application (TWA) Sewer Review, Utility Plan – Phase 1, Building A & B Sanitary Service Revised Change 2 – Email Request of April 14, 2021.
- 2) Riverside Fire District – Requesting exemption from sewerage billing fees. **Motion made by Mr. Van Meter to approve the aforementioned requested seconded by Mr. Mingin. Upon roll call the vote was as follows: Ayes – Messrs. Van Meter, Mingin and Giovanetti. Nays – None. Abstain – Mr. Horton. Motion 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.

STREETS:

Mr. Van Meter reported that men performed 700 feet of line maintenance at Pulaski Avenue and Jefferson Street.

**RIVERSIDE SEWERAGE AUTHORITY
PLANT OPERATOR'S REPORT
AUTHORITY MEETING - May 10, 2021**

1. The Plant Performance Summary for March, 2021 is attached for review. There were no violations during this reporting period. The Residuals [Sludge] Management Summary for March, 2021 is also attached for review. Dewatered sludge [25 yds] were removed by the Woolston Company for composting at the County facility.
2. The Trouble Log Summary for April, 2021 is attached for review.

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

A. 601 Chester Avenue. NJDEP Case # 210405195537.

B. 601 Chester Avenue. NJDEP Case # 210412144131.

3. The Line Maintenance Summary for April, 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. The Mixer Pump for the Primary Digester was returned to service after Shaft and Sleeves completed the installation. The suction line to the pump appears to be clogged. The NJDEP case number is 210412130218.
 6. Trickling Filter Recirculation Pump #1 requires repairs. The mechanical seal failed and seal water was flooding the Recirculation Room. Willier is performing the rebuild.
 7. Universal Instruments Service Company was onsite for the calibration of the Influent Flow Meter. The influent meter needs to be replaced. The meter is calculating to many gallons a day. Universal Instruments was instructed to replaced the meter. The estimated delivery time is four weeks.
 8. Willier completed the repairs to Primary Clarifier #2. The clarifier was returned to service and is operating as designed. The NJDEP case number is 210407093338.
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9. The Sand Filter # 3 remains out of service for inspection and maintenance. The NJDEP Case # is 200427184535.

SUBMITTED BY



JOSEPH G. BADER
SUPERINTENDENT

PLANT PERFORMANCE SUMMARY

March-21

PARAMETE PERMIT	REPORTED	PARAMETE PERMIT	REPORTED
FLOW, INFLUENT		NITRATE {AS N}, EFFLU 1 / 6 months	
Monthly Ave Report	0.838 MGD	Mon Avg Co Report	#DIV/0! MG/L
Daily Maxim Report	1.013 MGD	Daily Max Cr Report	0.00 MG/L
FLOW, EFFLUENT		E. COLI 2 / month	
Monthly Ave Report	0.704 MGD	Monthly Ave Report	1.00 /100ML
Daily Maxim Report	0.813 MGD	Instant Max Report	1.00 /100ML
5 DAY BOD, INFLUENT		FECAL COLIFORM, EFFI Require Reuse Only	
Mon Avg Co Report	138.00 MG/L	Monthly Ave 200/100ML	1.00 /100ML
Weekly Avg Report	161.00 MG/L	Weekly Avg 400/100ML	1.00 /100ML
5 DAY BOD, EFFLUENT		BIOASSAY, EFFLUENT	
Mon Avg Lo: 98 KG/D	27.39 KG/D	LC50 96 hr A 50	#DIV/0! %
Weekly Avg 147 KG/D	29.60 KG/D	IC25 7 day C Report	#DIV/0! %
Mon Avg Co 30 MG/L	9.83 MG/L	CHLORINE PRODUCED OXIDANTS, EFFLUENT	
Weekly Avg 45 MG/L	10.40 MG/L	Mon Avg Co Report	0.00 MG/L
5 DAY BOD REMOVAL EFFICIENCY		Daily Max Cr Report 0.00 MG/L	
Mon Avg Mi 88.5	93.34 %	TEMPERATURE, INFLUENT	
pH, INFLUENT		Minimum Report 11.7 DEG C	
Minimum Report	6.85 S.U.	Monthly Ave Report	14.0 DEG C
Maximum Report	7.55 S.U.	Maximum Report	17.4 DEG C
pH, EFFLUENT		TEMPERATURE, EFFLUENT	
Minimum 6.00 S.U.	6.01 S.U.	Minimum Report	9.0 DEG C
Maximum 9.00 S.U.	8.05 S.U.	Monthly Ave Report	12.5 DEG C
TOTAL SUSP SOLIDS, INFLUENT		Maximum Report 14.4 DEG C	
Mon Avg Co Report	266.7 MG/L	DISSOLVED OXYGEN, EFFLUENT	
Weekly Avg Report	342.0 MG/L	Wkly Avg Co 4.0 MG/L	5.35 MG/L
TOTAL SUSP SOLIDS, EFFLUENT		PHOSPHOROUS, EFFLU 1 / month	
Mon Avg Lo: 113 KG/D	38.44 KG/D	Mon Avg Co Report	0 MG/L
Weekly Avg 170 KG/D	57.76 KG/D	Weekly Avg Report	0 MG/L
Mon Avg Co 30 MG/L	13.67 MG/L	COPPER, EFFLUENT Quarterly only	
Weekly Avg 45 MG/L	20.00 MG/L	Mon Avg Co Report	Code=n MG/L
TOTAL SUSP SOLIDS REMOVAL EFFICIENCY		Daily Max Cr Report Code=n MG/L	
Mon Avg Mi 85	94.75 %	ZINC, EFFLUENT Quarterly Only	
OIL&GREASE, EFFLUENT Quarterly		Mon Avg Co Report Code=n MG/L	
Mon Avg Co 10 MG/L	Code=N MG/L	Daily Max Cr Report Code=n MG/L	
Daily Max Cr 15 MG/L	Code=N MG/L	Total Dissove Effluent 1/month	
AMMONIA NITROGEN {NOV-APR}, EFFLUENT		Mon Avg Co Report 326.0 MG/L	
Mon Avg Load 75.7 KG/D	5.34 KG/D	Daily Max Cr Report 326.0 MG/L	
Daily Max Load 151.4 KG/D	6.26 KG/D		
Mon Avg Con 20 MG/L	1.93 MG/L		
Daily Max Con 40 MG/L	2.20 MG/L		

IC25 Chron Required Semi- Annually N.R. = None Removed R.T.S. = Return To Service
 LC50 Acute Required Annually N.S. = Not Sampled N.I.S. = Not In Service
 Nitrate Required Semi- Annually N.W. = Not Working
 Copper Required Quarterly
 Zinc Required Quarterly
 Code = N Not Required This Monitoring Period

RESIDUALS MANAGEMENT SUMMARY

March-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	^o F	VOLATILE SOLIDS REDUCTION		
Heat Exchange, Temp In, avg	0.0	^o F	Raw to Secondary Digester, minimum		%
Heat Exchange, Temp In, max	0.0	^o F	Raw to Secondary Digester, average		%
Heat Exchange, Temp Out, min	110.0	^o F	Raw to Secondary Digester, maximum		%
Heat Exchange, Temp Out, avg	0.0	^o F			
Heat Exchange, Temp Out, max	0.0	^o F			
Retention Time, Primary Digester	#DIV/0!	days			
Retention Time, Secondary Digester	#DIV/0!	days			

April 2021 Trouble Log Summary

Date	Report #	Address	Condition(s) Reported	Condition(s) Found	Disposition
4/1/2021	2021-041	119 RANCOCAS AVENUE	Locate Vent	Locate Vent	Locate Vent
4/5/2021	2021-042	NASHINGTON ST & PARK AVENUE	Other	Other	Repair/replace MH frame/cover
4/5/2021	2021-043	601 CHESTER AVENUE	Vent overflow	Main clear	Notified owner/tenant
4/12/2021	2021-044	601 CHESTER AVENUE	Vent overflow	Main clear	Notified owner/tenant
4/15/2021	2021-045	701 HENRY STREET	Backflow into property	Main clear	Notified owner/tenant
4/20/2021	2021-046	207 PAINE STREET	Backflow into property	Main clear	Notified owner/tenant
4/21/2021	2021-047	ARNDT AVE & WASHINGTON ST	Line inspection	Main slow	Flush/vac/root cut sewer main
4/21/2021	2021-048	42 ST MIHIEL DRIVE	Odor complaint	Main clear	Notified owner/tenant

April 2021 Line Maintenance Summary

Date	Report #	Location	Section	Diameter	Distance	Remarks
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4/29/2021	2021-0051	Jefferson St.	3-5	12"	387	TV INSPECTION.
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4/29/2021	2021-0052	Pulaski Ave.	6-358	8"	313	TV INSPECTION.
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INSPECTIONS:

Mr. Horton had no report.

SUPERINTENDENT'S REPORT:

Assistant Superintendent Jeffrey Conard reported that the Trickling Filter Recirculation Pump #1 requires repairs. The mechanical seal failed and seal water was flooding the Recirculation Room. Willier completed the repairs to the Primary Clarifier #2 and the clarifier was returned to service and is operating as designed. The Municipal Building's line was inspected and it could not be flushed. American Window and Door will give an estimate on replacing the door and windows on Building 2 as they are broken. M & N Associated will begin work on the manholes on Chester Avenue.

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

MONTHLY FINANCIAL REPORT:

Treasurer Jack reported that she is preparing for the audit.

Motion made by Mr. Van Meter, seconded by Mr. Giovanetti 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