

Monday Afternoon
 Riverside, NJ
 July 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 and June 8, 2021.
2. Written notice was delivered to the Burlington County Times and the Courier Post on March 2, 2021 and June 8, 2021.
3. Filed written notice with the Clerk of the Township of Riverside on March 2, 2021 and June 8, 2021.

ROLL CALL:

Mr. Mingin – present, Mr. Giovanetti– present, Mr. George Conard – present, Mr. Van Meter – present, Mr. Horton – present.

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

RESOLUTION:

Mr. Giovanetti made a motion to adopt Resolution 2021 - #21 entitled, “A Resolution of the Riverside Sewerage Authority Awarding the Contract for the New Jersey Avenue Sanitary Main Slip Lining Repairs” seconded by Mr. Mingin. Upon roll call the vote was as follows: Ayes – Messrs. Mingin, Giovanetti, Van Meter, Conard and Horton. Nays – None. Abstain None. Motion carried.

Mr. Van Meter made a motion to adopt Resolution 2021 - #22 entitled, “Resolution for Payment in Advance of Authorized Official Travel” seconded by Mr. Giovanetti. Upon roll call the vote was as follows: Ayes – Messrs. Mingin, Giovanetti, Van Meter, and Horton. Nays – None. Abstain – Mr. Conard. Motion carried.

APPROVAL OF MINUTES:

Motion made by Mr. Van Meter, seconded by Mr. Conard that the minutes of the Work Session Meeting of June 14, 2021, the Regular Meeting of June 14, 2021 and the Closed Session Meeting of June 14, 2021 be approved as written carried.

PUBLIC PORTION – (TECHNICAL):

- 1) Treasurer Jack reported that Mr. Jose Costa will be submitting plans for a new connection at 11 Polk Street.

RESOLUTION 2021 - #21
A RESOLUTION OF THE RIVERSIDE SEWERAGE AUTHORITY
AWARDING THE CONTRACT FOR THE NEW JERSEY AVENUE,
SANITARY MAIN SLIP LINING REPAIRS.

WHEREAS, the Riverside Sewerage Authority has requested bids for the New Jersey Avenue, Sanitary Main Slip Lining Repairs; and

WHEREAS, bids have been received from the following for the same in accordance with the request:

<u>Bidder:</u>	<u>Bid:</u>
Mobile Dredging & Video Pipe, Inc.	\$29,520.00
Vortex Services	\$32,200.00
Standard Pipe Services	\$40,000.00 (email quote, all inclusive)

WHEREAS, the Local Publics Contract Law states that the Riverside Sewerage Authority shall, "The award shall be made to a vendor whose response is most advantageous, price and other factors considered," and

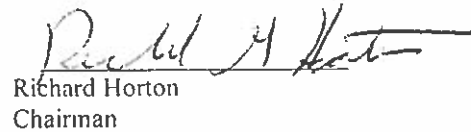
WHEREAS, Mobile Dredging & Video Pipe, Inc. (MVDP) has submitted the lowest bid in the amount of \$29,520.00 which is competitive and reasonable; and

WHEREAS, given Mobile Dredging & Video Pipe, Inc.'s (MVDP) price and other factors, awarding the bid to Mobile Dredging & Video Pipe, Inc. (MVDP) is advantageous to the Riverside Sewerage Authority.

NOW, THEREFORE, BE IT RESOLVED, by the Riverside Sewerage Authority that project outlined above shall be awarded to Mobile Dredging & Video Pipe, Inc. (MVDP).

Adopted the 14th day of July 2021 at the Regular Meeting of the Riverside Sewerage Authority.


 Susan M. Dydek, RMC
 Authority Secretary


 Richard Horton
 Chairman

AUTHORITY MEMBER	MOTION	2 nd	YES	ABSTAIN	NO	ABSENT
Horton			X			
Conard			X			
Mingin		2 nd	X			
Giovanetti	1 ST		X			
Van Meter			X			

I, Susan Dydek, RMC, Authority Secretary, hereby certify that the foregoing resolution was duly adopted by the Riverside Sewerage Authority at its Regular Business Meeting held on the 12th day of July, 2021.


 Susan Dydek, RMC, Authority Secretary

RESOLUTION 2021 - #22
RIVERSIDE SEWERAGE AUTHORITY
RESOLUTION FOR PAYMENT IN ADVANCE OF AUTHORIZED OFFICAL TRAVEL

WHEREAS, N.J.S.A., 40A5-16.1 permits the governing body of any local unit to authorize payment in advance toward expenses for authorized official travel, and

WHEREAS, certain officers and employees of the Riverside Sewerage Authority will need to travel to the NJWEA Annual Conference, the League of Municipalities Conference as well as other conferences for various educational conferences; and

WHEREAS, the Treasurer has certified that funds are available in the 2021 budget, for various accounts, not to exceed \$200.00 per day per person and not to exceed \$1000.00 per conference; and

WHEREAS, the amount distributed to certain officers and employees shall be at the discretion of the Treasurer; and

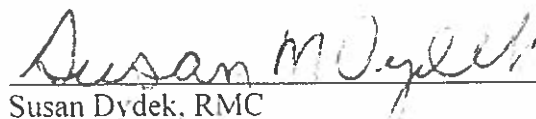
WHEREAS, the officers and employees of the Riverside Sewerage Authority will verify their expenses and any excess cash will be repaid to the Authority along with a detailed bill of items on demand, and the certification or affidavit required by N.J.S.A. 40A5-16 which will be submitted within ten (10) days after the completion of the travel for which the advance was made.

NOW, THEREFOR, BE IT RESOLVED, that the Treasurer is hereby instructed to make the above said payment to those officers and employees.

AUTHORITY MEMBER	MOTION	2 nd	YES	ABSTAIN	NO	ABSENT
MINGIN			X			
GIOVANETTI	2nd		X			
CONARD				X		
VAN METER		1st	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 12TH day of July, 2021.



 Susan Dydek, RMC
 Authority Secretary

In seeing no members of the Public present, **Public Portion (Technical) was not opened.**

OLD BUSINESS:

- 1) NJLM 106th Annual Conference – November 16th -18th, 2021.

NEW BUSINESS:

- 1) Debbie Law – 228 Cleveland Avenue – Sewer clog – backing up into alley way.
- 2) Larry Chen – 500 Heulings Avenue – Sewer backing up, possibly into home.

CORRESPONDENCE:

- 1) Elizabeth Follis – Riverside Middle School – Thank you for award.
- 2) Rhiannon – Thank you for award.
- 3) First Environment (EJIF) – 2021 Environmental Joint Insurance Fund Audit.
- 4) 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 D & Clubhouse Sanitary Service Revised Field Change 3 – Email Request of June 3, 2021.

REPORTS:

PLANT:

Mr. Conard had no report.

APPEALS

Mr. Mingin reported that there were no appeals filed.

REVENUE AND FINANCE:

Mr. Giovanetti had no report.

STREETS:

Mr. Van Meter had no report.

INSPECTIONS:

Mr. Horton had no report.

SUPERINTENDENT'S REPORT:

Superintendent Bader reported that the Mixer Pump for the Primary Digester was returned to service after Shaft and Sleeves completed the installation. The suction line to the pump is now clear and the Scum Mat nozzle is clear. The two main mixing nozzles are clogged. Every effort to dislodge the clog while the digester is full wasn't successful. Without proper mixing, the digester will not operate as designed. The digester level will need to be lowered to remove pipe elbow to attempt to unclog the nozzles. The

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

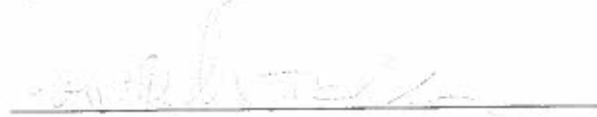
1. The Plant Performance Summary for May, 2021 is attached for review. There were no violations during this reporting period. The Residuals [Sludge] Management Summary for May, 2021 is also attached for review. Dewatered sludge [25 yds] were removed by the Woolston Company for composting at the County facility.
 2. The Trouble Log Summary for June, 2021 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 June, 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 is now clear and the Scum Mat nozzle is clear. The two main mixing nozzles are clogged. Every effort to dislodge the clog while the digester is full wasn't successful. Without proper mixing, the digester will not operate as designed. The digester level will need to be lowered to remove pipe elbow to attempt to unclog the nozzles. The digester sludge will be processed through the Belt Filter Press in ordered to low the level enough to remove the elbow. This will require the press to be in operation outside of normal operating hours which may necessitate overtime. It's my opinion this is the most cost-effective option at this time. The NJDEP case number is 210412130218.
 6. Willier was contacted to investigate an overheating issue with Submersible Pump #2 at the Metal Works Pump Station. The debris was removed and the pump is now operating as designed.
 7. Willier was contacted to investigate a Water Seal Leak alarm issue with Submersible Pump #1 at the Metal Works Pump Station. The pump was removed and there is no information on the inspecting at this time.
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8. Pennoni received three quotes for the New Jersey Avenue slipping project. The quotes have been submitted for review.
 9. The Sand Filter # 3 remains out of service for inspection and maintenance. The NJDEP Case # is 200427184535.

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

SUBMITTED BY



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

JOSEPH G. BADER
SUPERINTENDENT

PLANT PERFORMANCE SUMMARY

May-21

PARAMETER	PERMIT	REPORTED	PARAMETER	PERMIT	REPORTED
FLOW, INFLUENT			NITRATE (AS N), EFFLUENT 1 / 6 months		
Monthly Avg	Report	0.792 MGD	Mon Avg Conc	Report	Code = N MG/L
Daily Maximum	Report	1.036 MGD	Daily Max Conc	Report	Code = N MG/L
FLOW, EFFLUENT			E. COLI 2 / month		
Monthly Avg	Report	0.665 MGD	Monthly Avg	126 / 100ml	18.81 / 100ML
Daily Maximum	Report	0.731 MGD	Monthly Max	Report only	180.00 / 100ML
5 DAY BOD, INFLUENT			FECAL COLIFORM, EFFLUENT Require Reuse Only		
Mon Avg Conc	Report	193.33 MG/L	Monthly Avg	200/100ML	12.08 / 100ML
Weekly Avg Conc	Report	263.00 MG/L	Weekly Avg	400/100ML	146.00 / 100ML
5 DAY BOD, EFFLUENT			BIOASSAY, EFFLUENT		
Mon Avg Loading	98 KG/D	25.32 KG/D	LC50 96 hr Acute	50	100.00 %
Weekly Avg Loading	147 KG/D	26.76 KG/D	IC25 7 day Chronic	Report	#DIV/0! %
Mon Avg Conc	30 MG/L	10.27 MG/L	CHLORINE PRODUCED OXIDANTS, EFFLUENT		
Weekly Avg Conc	45 MG/L	11.20 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	94.69 %	TEMPERATURE, INFLUENT		
pH, INFLUENT			Minimum	Report	17.2 DEG C
Minimum	Report	7.07 S.U.	Monthly Avg	Report	19.1 DEG C
Maximum	Report	7.46 S.U.	Maximum	Report	20.8 DEG C
pH, EFFLUENT			TEMPERATURE, EFFLUENT		
Minimum	6.00 S.U.	6.01 S.U.	Minimum	Report	15.9 DEG C
Maximum	9.00 S.U.	7.21 S.U.	Monthly Avg	Report	19.0 DEG C
TOTAL SUSP SOLIDS, INFLUENT			Maximum	Report	21.2 DEG C
Mon Avg Conc	Report	175.7 MG/L	DISSOLVED OXYGEN, EFFLUENT		
Weekly Avg Conc	Report	230.0 MG/L	Wkly Avg Conc [Min]	4.0 MG/L	6.28 MG/L
TOTAL SUSP SOLIDS, EFFLUENT			PHOSPHOROUS, EFFLUENT 1 / month		
Mon Avg Loading	113 KG/D	35.50 KG/D	Mon Avg Conc	Report	5.8 MG/L
Weekly Avg Loading	170 KG/D	39.74 KG/D	Weekly Avg Conc	Report	5.8 MG/L
Mon Avg Conc	30 MG/L	14.33 MG/L	COPPER, EFFLUENT Quarterly only		
Weekly Avg Conc	45 MG/L	15.00 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	91.84 %	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	383.0 MG/L
Mon Avg Loading	75.7 KG/D	15.45 KG/D	Daily Max Conc	Report	383.0 MG/L
Daily Max Loading	151.4 KG/D	10.44 KG/D			
Mon Avg Conc	20 MG/L	6.27 MG/L			
Daily Max Conc	40 MG/L	7.70 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

May-21

SLUDGE PRODUCED			RAW SLUDGE		
Total Gallons		gal	% Total Solids, minimum	2.50	%
Average Gallons/Day	0	gpd	% Total Solids, average	2.63	%
Total Dry Tons	0	dt	% Total Solids, maximum	2.70	%
Average Dry Tons/ Day	0	dt/d	% Total Volatile Solids, minimum	80.60	%
Total Metric Tons	0	mt	% Total Volatile Solids, average	82.10	%
Average Metric Tons/Day	0	mt/d	% Total Volatile Solids, maximum	83.30	%
			pH minimum	5.09	s.u.
LIQUID SLUDGE REMOVED			pH maximum	6.15	s.u.
Total Gallons		gal	sludge sample temperature, min	17.0	°C
Average Gallons/Day	0	gpd	sludge sample temperature, avg	19.1	°C
Total Dry Tons	N.R.	dt	sludge sample temperature, max	20.6	°C
Average Dry Tons/ Day	N.R.	dt/c			
Total Metric Tons	N.R.	mt	PRIMARY DIGESTER SLUDGE		
Average Metric Tons/Day	N.R.	mt/d	% Total Solids, minimum	0.40	%
% Total Solids, Minimum	N.R.	%	% Total Solids, average	0.50	%
% Total Solids, Average	N.R.	%	% Total Solids, maximum	0.60	%
% Total Solids, Maximum	N.R.	%	% Total Volatile Solids, minimum	71.40	%
pH, Minimum	N.R.	s u.	% Total Volatile Solids, average	71.83	%
pH, Maximum	N.R.	s u.	% Total Volatile Solids, maximum	72.70	%
			pH minimum	6.80	s.u.
DEWATERED SLUDGE REMOVED			pH maximum	7.01	s.u.
Total Gallons to Belt Press		gal	sludge sample temperature, min	26.8	°C
Average Gallons/Day		gpd	sludge sample temperature, avg	30.7	°C
% Total Solids, minimum	20.8	%	sludge sample temperature, max	33.0	°C
% Total Solids, average	20.8	%			
% Total Solids, maximum	20.8	%	SECONDARY DIGESTER SLUDGE		
% Total Volatile Solids, minimum	78.90	%	% Total Solids, minimum	0.1	%
% Total Volatile Solids, average	78.90	%	% Total Solids, average	0.1	%
% Total Volatile Solids, maximum	78.90	%	% Total Solids, maximum	0.1	%
Total Wet Cubic Yards Removed	25.00	cu yd	% Total Volatile Solids, minimum	50	%
Average Wet Cubic yards/day	0.81	cy/d	% Total Volatile Solids, average	50	%
Total Dry Metric Tons/month	3.737	dt	% Total Volatile Solids, maximum	50	%
Average Dry Tons/ Day	0.121	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	#DIV/0!	°C
OPERATIONS			sludge sample temperature, max	0	°C
Heat Exchange, Temp In, min	96.0	°F			
Heat Exchange, Temp In, avg	100.2	°F	VOLATILE SOLIDS REDUCTION		
Heat Exchange, Temp In, max	104.0	°F	Raw to Secondary Digester, minimum	59.5	%
Heat Exchange, Temp Out, min	96.0	°F	Raw to Secondary Digester, average	78.1973203	%
Heat Exchange, Temp Out, avg	100.1	°F	Raw to Secondary Digester, maximum	59.5	%
Heat Exchange, Temp Out, max	102.0	°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

June 2021 Trouble Log Summary

Date	Report #	Address	Condition(s) Reported	Condition(s) Found	Disposition
6/6/2021	2021-060	308 GREENWOOD AVENUE	Vent overflow	Main clear	Notified owner/tenant
6/7/2021	2021-061	519 CLEVELAND AVENUE	Backflow into property	Main slow	Flush/vac/root cut sewer main
6/8/2021	2021-062	MH 28 AMERICAN LEGION DRIVE	Manhole overflow	Main slow	Flush/vac/root cut sewer main
6/9/2021	2021-063	MH 266 CHESTER AVENUE	Line inspection	Main slow	Flush/vac/root cut sewer main
6/9/2021	2021-064	MH 116	Line inspection	Main slow	Flush/vac/root cut sewer main
6/21/2021	2021-065	223 CLEVELAND AVENUE	Backflow into property	Main clear	Notified owner/tenant
6/24/2021	2021-066	500 HEULINGS AVENUE	Backflow into property	Main clear	Notified owner/tenant
6/30/2021	2021-067	POLK STREET	Markout request	Main clear	Markout main/lateral/vent

June 2021 Line Maintenance Summary

<i>Date</i>	<i>Report #</i>	<i>Location</i>	<i>Section</i>	<i>Diameter</i>	<i>Distance</i>	<i>Remarks</i>
6/9/2021	2021-0060	Chester Ave. South	335-334	8"	391	JET/VAC



digester sludge will be processed through the Belt Filter Press in order to low the level enough to remove the elbow. This will require the press to be in operation outside of normal operating hours which may necessitate overtime.

Willier was contacted to investigate an overheating issue with Submersible Pump #2 at the Metal Works Pump Station. The debris was removed is the pump is now operating as designed.

Motion made by Mr. Giovanetti, seconded by Mr. Conard 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. Van Meter, seconded by Mr. Mingin to accept the Engineer's Report. Upon roll call the vote was as follows: Ayes – Messrs. Van Meter, Mingin Giovanetti and Horton. Nays – None. Abstain – Mr. Conard. Motion carried.

MONTHLY FINANCIAL REPORT:

Treasurer Jack reported that the Attorney is working on the retirement buyout and the Policies and Procedure Manual.

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

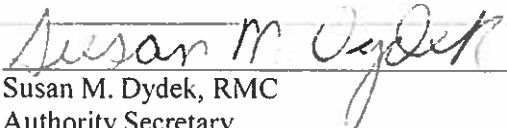
BILLS AND EXPENDITURES:

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

PUBLIC PORTION (INFORMATIONAL)

In seeing that no members of the public were present, **motion made by Mr. Conard and Mr. Giovanetti that Public Portion (Informational) be closed carried.**

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


Susan M. Dydek, RMC
Authority Secretary

