

Monday Afternoon
Riverside, NJ
March 13, 2023
Regular 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 Township Administrative Office Building on February 22, 2023.
- 2) Written notice was delivered to the Burlington County Times and the Courier Post on February 22, 2023.
- 3) Filed written notice with the Clerk of the Township of Riverside on February 22, 2023.

The Regular Meeting of the Riverside Sewerage Authority was held at the Riverside Township Municipal Building.

FLAG SALUTE:

Chairman Horton led the Flag Salute.

ROLL CALL:

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

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

APPROVAL OF MINUTES:

Motion made by Mr. Conard, seconded by Mr. Van Meter that the minutes of the Reorganization Meeting of February 13, 2023 be approved carried.

Motion made by Mr. Van Meter, seconded by Mr. Mingin that the minutes of the Work Session Meeting of February 13, 2023 and the Regular Meeting of February 13, 2023 be approved carried.

PUBLIC PORTION – (TECHNICAL):

- 1) None.

Since there were no additional members of the Public wishing to speak Public Portion (Technical) was not opened.

OLD BUSINESS:

- 1) Menlo Engineering – Request for availability of sewer service. **Motion made by Mr. Giovanetti directing the Secretary to send correspondence advising that there is capacity, seconded by Mr. Conard carried.**
- 2) Rate Schedule – Updating fees. **Motion made by Mr. Conard to table updating the rate schedule/fees, seconded by Mr. Mingin. Upon roll call the vote was as follows: Ayes - Messrs. Conard, Mingin, Giovanetti, Van Meter and Horton. Nays – None. Abstain – None. Motion tabled.**
- 3) Resolution 2022 - #47 – A Resolution of the Riverside Sewerage Authority Amending and/or Supplementing Chapter 55 of the Bylaws and Resolutions of the Riverside Sewerage Authority. – *This Resolution was adopted by title only at the December 2022 meeting. The Resolution has been reviewed and approved by the Solicitor.* **Motion made by Mr. Conard directing the Secretary to send correspondence advising of the new Resolution, seconded by Mr. Van Meter carried.**
- 4) Establishing a Surcharge for excess sludge deposited into the collection system by restaurants. **Motion made by Mr. Giovanetti to table establishing a surcharge for excess sludge deposited into the collection system, seconded by Mr. Mingin. Upon roll call the vote was as follows: Ayes - Messrs. Conard, Mingin, Giovanetti, Van Meter and Horton. Nays – None. Abstain – None. Motion tabled. Motion to direct the Secretary to send correspondence advising restaurants of need of their data from 2022 approved on motion by Messrs. Van Meter and Conard carried.**
- 5) The Mill at Riverside – Connection Fee.
- 6) HIC License for Laterals - **Motion made by Mr. Giovanetti directing the Engineer to prepare quotes/bids for slip lining, seconded by Mr. Mingin carried.**

NEW BUSINESS:

- 1) Paul Gates – 513 Jefferson Street – Sewer backing up into basement.
- 2) Kristianna Desmarais – 517 Eighth Street – Sewer backing up into house.
- 3) Amy Schneider – 742 Arrdt Avenue – Water pooling between the main and the lateral, backing up into the house.
- 4) Kimberly Sexton – 501 Polk Street – Toilet tissue coming from pipe in front of the house.
- 5) Blake Gage – 429 St. Mihiel Drive – Sewerage backing up into building and manhole on property was filled with water.

CORRESPONDENCE:

- 1) Pennoni – Notice of Noncompliance – Keymar Industrial Wastewater Discharge.

REPORTS:**PLANT:**

Mr. Conard reported that there was a noncompliance violation during this reporting period with the E-coli and the effluent TSS. The NJDEP Southern Enforcement was notified.

APPEALS

Mr. Mingin had no report.

REVENUE AND FINANCE:

Mr. Giovanetti had no report.

STREETS:

Mr. Van Meter reported that 1490 feet of line maintenance was performed and that part of the line on Rancocas Avenue was replaced.

INSPECTIONS:

Mr. Horton had no report.

SUPERINTENDENT'S REPORT:

Superintendent Bader reported on the noncompliance violation during this reporting period with the E-coli and the effluent TSS. The NJDEP Southern Enforcement was notified. There is no E-coli or fecal issues presently. Sand Filter #3 will be placed back into service. Willier was contacted to repair pump #2 at Hooker Street. However, the repairs to the pump were going to cost more than a new pump, so a new pump was ordered.

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 on the upcoming Audit and the fence at Whomsley Field.

BILLS AND EXPENDITURES:

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

**RIVERSIDE SEWERAGE AUTHORITY
PLANT OPERATOR'S REPORT
AUTHORITY MEETING – March 13, 2023**

1. The Plant Performance Summary for January, 2023 is attached for review. There was a noncompliance violation during this reporting period with the E-coli and the effluent TSS. NJDEP Southern Enforcement was notified by phone and an Affirmative Action Letter will be sent by emailed to NJDEP Southern Enforcement. NJDEP Case # 23013130523. The Residuals [Sludge] Management Summary for January, 2023 is also attached for review. Dewatered sludge [0 yds] were removed by the Seaside Waste Services Company for composting at the County facility.

2. The Trouble Log Summary for February, 2023 is attached for review.

Three Properties were reported to the NJDEP for a lateral vent overflow this reporting period.
 - a. 400 Heulings Avenue, NJDEP Case # 230206082151.
 - b. 502 Bridgeboro Street, NJDEP Case # 230207140706.
 - c. 501 Polk Street, NJDEP Case # 230214113111.
 - d. 501 Polk Street, NJDEP Case # 230215151148.

3. The Line Maintenance Summary for February, 2023 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 new Gorman-Rupp pump for the Primary Digester was received. The pump has been installed and operating as designed.

6. The Collection Main repairs were performed by M&N Associates. The collection system was CCTV inspect after the repairs and the open joint was not replaced. M&N Associates was notified and will be out March 21, 2023 to complete the repair.

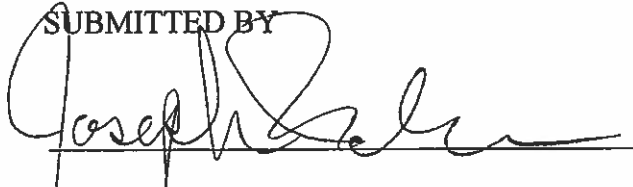
7. Keymar's new sewer connection was inspected and approved by Pennoni Associates.

8. Willier was contacted to repair Pump [Compressor] #2 at Hooker Street Pump Station. The repairs to the pump, including the parts, is more than a new pump. A new pump was ordered. [The Quotation is attached for your review].

9. Sand Filter # 1 has been removed from service for inspection and maintenance. The NJDEP Case # is 211108074550.

**RIVERSIDE SEWERAGE AUTHORITY
PLANT OPERATOR'S REPORT
AUTHORITY MEETING - March 13, 2023**

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

January-23

PARAMETER	PERMIT	REPORTED	PARAMETER	PERMIT	REPORTED
FLOW, INFLUENT			NITRATE (AS N), EFFLUENT		
Monthly Avg	Report	0.750 MGD	Mon Avg Conc	Report	17.40 MG/L
Daily Maximum	Report	0.992 MGD	Daily Max Conc	Report	17.40 MG/L
FLOW, EFFLUENT			E. COLI		
Monthly Avg	Report	0.695 MGD	Monthly Avg	Report	694.69 /100ML
Daily Maximum	Report	0.807 MGD	Instant Max	Report	1011.00 /100ML
5 DAY BOD, INFLUENT			FECAL COLIFORM, EFFLUENT		
Mon Avg Conc	Report	155.00 MG/L	Monthly Avg	200/100ML	420.00 /100ML
Weekly Avg Conc	Report	187.00 MG/L	Weekly Avg	400/100ML	420.00 /100ML
5 DAY BOD, EFFLUENT			BIOASSAY, EFFLUENT		
Mon Avg Loading	98 KG/D	44.61 KG/D	LC50 96 hr Acute	50	#DIV/0!
Weekly Avg Loading	147 KG/D	49.12 KG/D	IC25 7 day Chronic	Report	#DIV/0!
Mon Avg Conc	30 MG/L	16.37 MG/L	CHLORINE PRODUCED OXIDANTS, EFFLUENT		
Weekly Avg Conc	45 MG/L	19.40 MG/L	Mon Avg Conc	Report	0.06 MG/L
5 DAY BOD REMOVAL EFFICIENCY			Daily Max Conc	Report	0.06 MG/L
Mon Avg Minimum	88.5	89.23 %	TEMPERATURE, INFLUENT		
pH, INFLUENT			Minimum	Report	12.7 DEG C
Minimum	Report	6.70 S.U.	Monthly Avg	Report	14.0 DEG C
Maximum	Report	7.44 S.U.	Maximum	Report	18.5 DEG C
pH, EFFLUENT			TEMPERATURE, EFFLUENT		
Minimum	6.00 S.U.	6.70 S.U.	Minimum	Report	10.2 DEG C
Maximum	9.00 S.U.	7.06 S.U.	Monthly Avg	Report	13.0 DEG C
TOTAL SUSP SOLIDS, INFLUENT			Maximum	Report	15.3 DEG C
Mon Avg Conc	Report	95.3 MG/L	DISSOLVED OXYGEN, EFFLUENT		
Weekly Avg Conc	Report	173.0 MG/L	Wkly Avg Conc [Min]	4.0 MG/L	5.92 MG/L
TOTAL SUSP SOLIDS, EFFLUENT			PHOSPHOROUS, EFFLUENT		
Mon Avg Loading	113 KG/D	100.08 KG/D	Mon Avg Conc	Report	5.3 MG/L
Weekly Avg Loading	170 KG/D	154.46 KG/D	Weekly Avg Conc	Report	5.3 MG/L
Mon Avg Conc	30 MG/L	37.33 MG/L	COPPER, EFFLUENT		
Weekly Avg Conc	45 MG/L	61.00 MG/L	Mon Avg Conc	Report	0.033 MG/L
TOTAL SUSP SOLIDS REMOVAL EFFICIENCY			Daily Max Conc	Report	0.033 MG/L
Mon Avg Minimum	85	47.48 %	ZINC, EFFLUENT		
OIL&GREASE, EFFLUENT			Mon Avg Conc	Report	0.084 MG/L
Mon Avg Conc	10 MG/L	1.80 MG/L	Daily Max Conc	Report	0.084 MG/L
Daily Max Conc	15 MG/L	1.80 MG/L	Total Dissolved Solids	Effluent	1/month
AMMONIA NITROGEN (NOV-APR), EFFLUENT			Mon Avg Conc	Report	396.0 MG/L
Mon Avg Loading	75.7 KG/D	42.80 KG/D	Daily Max Conc	Report	396.0 MG/L
Daily Max Loading	151.4 KG/D	59.00 KG/D	Bis(2-ethylhexyl)phthalate Quarterly only		
Mon Avg Conc	20 MG/L	15.87 MG/L	Mon Avg Conc	Report	ug/l
Daily Max Conc	40 MG/L	23.30 MG/L	Daily Max Conc	Report	ug/l
AMMONIA NITROGEN (MAY-OCT.) EFFLUENT			Asbestos Fibrous per liter		
Mon Avg Loading	18.8 KG/D	0.00 KG/D			
Daily Max Loading	37.9 KG/D	0.00 KG/D			
Mon Avg Conc	5 MG/L	0.00 MG/L			
Daily Max Conc	10 MG/L	0.00 MG/L			

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

RESIDUALS MANAGEMENT SUMMARY

January-23

SLUDGE PRODUCED			RAW SLUDGE		
Total Gallons		gal	% Total Solids, minimum	2.40	%
Average Gallons/Day	0	gpd	% Total Solids, average	2.50	%
Total Dry Tons	0	dt	% Total Solids, maximum	2.70	%
Average Dry Tons/ Day	0	dt/d	% Total Volatile Solids, minimum	78.00	%
Total Metric Tons	0	mt	% Total Volatile Solids, average	79.03	%
Average Metric Tons/Day	0	mt/d	% Total Volatile Solids, maximum	80.00	%
			pH minimum	5.57	s.u.
			pH maximum	6.33	s.u.
LIQUID SLUDGE REMOVED					
Total Gallons		gal	sludge sample temperature, min	12.3	C
Average Gallons/Day	0	gpd	sludge sample temperature, avg	14.8	C
Total Dry Tons	N.R.	dt	sludge sample temperature, max	17.5	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	0.80	%
% Total Solids, Minimum	N.R.	%	% Total Solids, average	1.17	%
% Total Solids, Average	N.R.	%	% Total Solids, maximum	1.40	%
% Total Solids, Maximum	N.R.	%	% Total Volatile Solids, minimum	70.30	%
pH, Minimum	N.R.	s.u.	% Total Volatile Solids, average	77.17	%
pH, Maximum	N.R.	s.u.	% Total Volatile Solids, maximum	90.80	%
			pH minimum	6.87	s.u.
			pH maximum	7.11	s.u.
DEWATERED SLUDGE REMOVED					
Total Gallons to Belt Press		gal	sludge sample temperature, min	25.7	C
Average Gallons/Day		gpd	sludge sample temperature, avg	33.3	C
% Total Solids, minimum	17.10	%	sludge sample temperature, max	36.4	C
% Total Solids, average	17.87	%			
% Total Solids, maximum	19.40	%	SECONDARY DIGESTER SLUDGE		
% Total Volatile Solids, minimum	77.20	%	% Total Solids, minimum	0.6	%
% Total Volatile Solids, average	77.53	%	% Total Solids, average	1.625	%
% Total Volatile Solids, maximum	77.90	%	% Total Solids, maximum	3.5	%
Total Wet Cubic Yards Removed	0.00	cu yd	% Total Volatile Solids, minimum	15.9	%
Average Wet Cubic yards/day	0.00	cy/d	% Total Volatile Solids, average	58.9	%
Total Dry Tons	0	dt	% Total Volatile Solids, maximum	86.1	%
Average Dry Tons/ Day	0	dt/d	pH minimum	6.67	s.u.
Total Metric Tons	0	mt	pH maximum	6.81	s.u.
Average Metric Tons/Day	0	mt/d	sludge sample temperature, min	14.2	C
			sludge sample temperature, avg	17.575	C
			sludge sample temperature, max	19.5	C
OPERATIONS					
Heat Exchange, Temp In, min	101.0	°F	VOLATILE SOLIDS REDUCTION		
Heat Exchange, Temp In, avg	103.6	°F	Raw to Secondary Digester, minimum	59.50	%
Heat Exchange, Temp In, max	106.0	°F	Raw to Secondary Digester, average	61.98	%
Heat Exchange, Temp Out, min	100.0	°F	Raw to Secondary Digester, maximum	59.50	%
Heat Exchange, Temp Out, avg	104.1	°F			
Heat Exchange, Temp Out, max	108.0	°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

February 2023 Trouble Log Summary

Date	Report #	Address	Condition(s) Reported	Condition(s) Found	Disposition
2/6/2023	2023-024	400 HEULINGS AVENUE	Vent overflow	Main clear	Notified owner/tenant
2/7/2023	2023-025	849 BRIDGEBORO STREET	Markout request	Main clear	Markout main/lateral/vent
2/7/2023	2023-026	502 BRIDGEBORO STREET	Vent overflow	Main clear	Notified owner/tenant
2/8/2023	2023-027	PAVILLION AVE & HANCOCK ST	Markout request	Main clear	Markout main/lateral/vent
2/9/2023	2023-028	513 JEFFERSON STREET	Backflow into property	Main clear	Notified owner/tenant
2/9/2023	2023-029	48 PULASKI AVENUE	Vent overflow	Main slow	Flush/vac/root cut sewer main
2/10/2023	2023-030	311 FAIRVIEW STREET	Vent overflow	Main clear	Notified owner/tenant
2/11/2023	2023-031	517 EIGHTH STREET	Backflow into property	Main clear	Notified owner/tenant
2/14/2023	2023-032	501 POLK STREET	Vent overflow	Main clear	Notified owner/tenant
2/15/2023	2023-033	501 POLK STREET	Vent overflow	Main clear	Notified owner/tenant
2/17/2023	2023-034	172 SEVENTH STREET	Backflow into property	Main clear	Notified owner/tenant
2/21/2023	2023-035	357 CARROL STREET	Backflow into property	Main slow	Flush/vac/root cut sewer main
2/21/2023	2023-036	FIFTH ST & HEULINGS AVE	Line inspection	Main slow	Flush/vac/root cut sewer main
2/23/2023	2023-037	240 CARROL STREET	Backflow into property	Main slow	Flush/vac/root cut sewer main
2/24/2023	2023-038	354 CARROLL STREET	Backflow into property	Main clear	Notified owner/tenant
2/27/2023	2023-039	LINCOLN STREET & PULASKI	Line inspection	Main slow	Flush/vac/root cut sewer main

February 2023 Line Maintenance Summary

Date	Report #	Location	Section	Diameter	Distance	Remarks
2/1/2023	21223-0000	Rancocas Ave.	329-328	8"	250	JET
2/1/2023	21323-0000	Pulaski Ave.	18-26	8"	181	JET
2/21/2023	21423-0000	Carroll St.	187-194	8"	245	JET
2/21/2023	21523-0000	Heulings Ave.	324-317	8"	257	JET
2/23/2023	21623-0000	Rush St.	184-185	8"	376	JET
2/27/2023	21723-0000	Pulaski Ave.	18-26	8"	181	JET

Range of Checking Accts: 01 TD GENERAL to 01 TD GENERAL Range of Check Dates: 03/01/23 to 03/13/23
Report Type: A11 Checks Report Format: Super Condensed Check Type: Computer: Y Manual: Y Dir Deposit: Y

Check #	Check Date	Vendor	Amount Paid	Reconciled/Void Ref Num
01 TD GENERAL		General Fund		
4255	03/01/23	ANDRE010 ANDREW HOLT	405.64	284
4256	03/01/23	CINTA005 CINTAS CORPORATION	1,819.66	284
4257	03/01/23	CONTR005 CONTRACTOR SERVICE	330.80	284
4258	03/01/23	CUSTO005 CUSTOM ENVIRONMENTAL TECH-	2,801.79	284
4259	03/01/23	HACHC005 HACH COMPANY	2,963.70	284
4260	03/01/23	INDUS005 INDUSTRIAL VALLEY GAS-DIESEL	345.00	284
4261	03/01/23	IRONB005 IRONBROOK UV CORP	5,215.00	284
4262	03/01/23	KYLEC005 KYLE CONARD	133.36	284
4263	03/01/23	MARME005 MARMERO LAW LLC	495.00	284
4264	03/01/23	MARYB005 MARYBRIDGET ENTERPRISES INC	1,539.00	284
4265	03/01/23	MGLPR005 MGL PRINTING SOLUTIONS	94.50	284
4266	03/01/23	NJAME005 N.J. AMERICAN WATER COMPANY	310.62	284
4267	03/01/23	ONECA005 ONE CALL CONCEPTS	81.50	284
4268	03/01/23	PARKE005 PARKER MC CAY PA	100.50	284
4269	03/01/23	PENNO010 PENNONI ASSOCIATES INC.	854.75	284
4270	03/01/23	PENNO010 PENNONI ASSOCIATES INC.	672.75	284
4271	03/01/23	PENNO010 PENNONI ASSOCIATES INC.	632.25	284
4272	03/01/23	PENNO010 PENNONI ASSOCIATES INC.	217.00	284
4273	03/01/23	PENNO010 PENNONI ASSOCIATES INC.	258.50	284
4274	03/01/23	PRIME005 PRIMEPOINT LLC	208.90	284
4275	03/01/23	PRINT017 Print & Mail Communications 11	675.00	284
4276	03/01/23	RIVER025 RIVERSIDE NAPA AUTO PARTS	533.12	284
4277	03/01/23	SCHAN005 SCHANER'S WASTEWATER PRODUCTS	2,862.85	284
4278	03/01/23	SCHWE005 SCHWERING'S	133.64	284
4279	03/01/23	SERGIO05 SERGIO & NERIDA AREVALO	200.00	284
4280	03/01/23	STEVE015 STEVENSON SUPPLY CO., INC.	1,697.43	284
4281	03/01/23	TREAS010 TREASURER, BURLINGTON COUNTY	1,321.43	284
4282	03/01/23	VERIZ005 VERIZON	204.68	284
4283	03/01/23	VERIZ010 VERIZON WIRELESS	68.76	284
4284	03/01/23	WBMAS005 W B MASON CO., INC	661.70	284
4285	03/01/23	WESTE005 WESTERN TERMITE & PEST CONTROL	194.00	284
4286	03/13/23	CINTA005 CINTAS CORPORATION	1,880.31	285
4287	03/13/23	DELAW010 DELAWARE RIVER BASIN COMMISSIO	1,848.00	285
4288	03/13/23	GAYLE005 GAYLE CORPORATION	3,999.74	285
4289	03/13/23	INDUS005 INDUSTRIAL VALLEY GAS-DIESEL	1,365.00	285
4290	03/13/23	MARME005 MARMERO LAW LLC	870.00	285
4291	03/13/23	MCMAS005 MCMASTER CARR SUPPLY CO.	391.88	285
4292	03/13/23	NJAME005 N.J. AMERICAN WATER COMPANY	410.89	285
4293	03/13/23	NJAME010 N.J. AMERICAN WATER COMPANY	470.08	285
4294	03/13/23	ONECA005 ONE CALL CONCEPTS	109.38	285
4295	03/13/23	RIVER025 RIVERSIDE NAPA AUTO PARTS	275.82	285
4296	03/13/23	SEASI005 SEASIDE WASTE SERVICES	1,272.00	285
4297	03/13/23	TREAS010 TREASURER, BURLINGTON COUNTY	1,404.30	285
4298	03/13/23	VERIZ005 VERIZON	97.56	285
4299	03/13/23	VERIZ010 VERIZON WIRELESS	70.50	285
4300	03/13/23	WBMAS005 W B MASON CO., INC	578.77	285
4301	03/13/23	WESTE005 WESTERN TERMITE & PEST CONTROL	97.00	285

Check #	Check Date	Vendor	Amount Paid	Reconciled/Void	Ref Num
01 TD GENERAL General Fund					
Checking Account Totals					
			<u>Paid</u>	<u>Void</u>	<u>Amount Paid</u>
			47	0	43,174.06
		Checks:	0	0	0.00
		Direct Deposit:	0	0	0.00
		Total:	47	0	43,174.06
Report Totals					
			<u>Paid</u>	<u>Void</u>	<u>Amount Paid</u>
			47	0	43,174.06
		Checks:	0	0	0.00
		Direct Deposit:	0	0	0.00
		Total:	47	0	43,174.06

PUBLIC PORTION (INFORMATIONAL):

In seeing that no members of the public wishing to speak, motion made by Mr. Conard and Mr. Mingin 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

Riverside Sewerage Authority