

Monday Afternoon
Riverside, NJ
July 10, 2023
Regular Meeting
4:40pm

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: Secretary Susan M. Dydek and Treasurer Meghan Jack. and Interim Superintendent Jeffrey Conard.

RESOLUTIONS:

None.

APPROVAL OF MINUTES:

Motion made by Mr. Van Meter, seconded by Mr. Mingin that the minutes of the Work Session Meeting of June 12, 2023 and the Regular Meeting of June 12, 2023 be approved carried.

Motion made by Mr. Giovanetti, seconded by Mr. Conard that the minutes of the Closed Session Meeting of June 12, 2023 be approved carried.

PUBLIC PORTION – (TECHNICAL):

Public Portion (Technical) was not opened since there were no members of the public present.

OLD BUSINESS:

- 1) Rate Schedule – Updating Fees – *(Tabled 3-13-2023.)*
- 2) Excess Sludge Discharge Fee – *(Tabled 3-13-2023.)*
- 3) CWA Contract – negotiations to commence in 2024.

Mr. Giovanetti made a motion to hire two (2) Plant employees seconded by Mr. Mingin carried.

Mr. Mingin made a motion to appoint Mr. George Conard Sr. and Mr. Giovanetti to interview the prospective candidates along with Interim Superintendent Jeffrey Conard, seconded by Mr. Van Meter carried.

Mr. Conard made a motion to sell Riverside Sewerage Authority Public Property that is no longer needed for public use, seconded by Mr. Giovanetti carried.

NEW BUSINESS:

- 1) Treatment Works Approval (TWA) Time Extension Request Form. Camelot at Riverside. TWA Permit Number – 20-0183. **Mr. Conard made a motion to send the aforementioned Treatment Works Approval to Engineer Dougherty to review and approve so that the Chairman may sign the document, seconded by Mr. Giovanetti carried.**

CORRESPONDENCE:

- 1) Amelia Weiss – Thank you for award.
- 2) Treatment Works Approval No. 23-0104 for 200 Whittaker Street.
- 3) Elizabeth Follis – Thank you for award.

REPORTS:**PLANT:**

Mr. George Conard Sr. stated that the Interim Superintendent will give the update during his report.

APPEALS

Mr. Mingin had no report.

REVENUE AND FINANCE:

Mr. Giovanetti had no report.

STREETS:

Mr. Van Meter had no report.

INSPECTIONS:

Mr. Horton had no report.

SUPERINTENDENT'S REPORT:

Interim Superintendent Conard reported that Longo Electric replaced the control head for Polymer Pump #2 and is working on replacing all the lighting around the plant to LED. Sand Filter #1 has been removed from service for inspection and maintenance. The name of the new laboratory manger has been reported to the Department of Environmental Protection. Environmental Resolutions Inc. is going to evaluate the UV System.

Interim Superintendent Conard also reported that Building #2 needs a rehabilitation or a total rebuild. The building needs new siding, windows, doors, gutters and a roof.

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. Conard, seconded by Mr. Giovanetti to accept the Engineer's Report carried.

MONTHLY FINANCIAL REPORT:

Treasurer Jack had no report.

BILLS AND EXPENDITURES:

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

Range of Checking Accts: 01 TD GENERAL to 01 TD GENERAL Range of Check Ids: 4411 to 4449
Report Type: All Checks Report Format: Super Condensed Check Type: Computer: Y Manual: Y Dir Deposit: Y

Check #	Check Date	Vendor	Amount Paid	Reconciled/Void	Ref Num
4411	07/10/23	ALLC005 KONICA MINOLTA BUS SOLUTIONS	533.75		292
4412	07/10/23	ALSEN005 ALS ENVIRONMENTAL	1,598.00		292
4413	07/10/23	BARTU005 BARTUK HOSE	871.00		292
4414	07/10/23	BOBST005 BOB'S TIRE SERVICE	1,092.00		292
4415	07/10/23	BOWMA005 BOWMAN & COMPANY	6,000.00		292
4416	07/10/23	BSAFE005 B SAFE SECURITY LLC	571.20		292
4417	07/10/23	CERTI005 NCH CORPORATION	3,690.40		292
4418	07/10/23	CINTA005 CINTAS CORPORATION	2,765.68		292
4419	07/10/23	CUSTO005 CUSTOM ENVIRONMENTAL TECH-	2,828.64		292
4420	07/10/23	DIAMO005 DIAMOND TOOL	1,881.90		292
4421	07/10/23	EMSLA005 EMSL ANALYTICAL INC	54.00		292
4422	07/10/23	GENER005 GENERAL CODE PUBLISHERS	2,738.40		292
4423	07/10/23	HACHC005 HACH COMPANY	278.78		292
4424	07/10/23	LONGO005 LONGO ELECTRICAL CONTROLS LLC	10,473.57		292
4425	07/10/23	LOWTH005 LOWTHER'S SMALL ENGINE REPAIR	69.00		292
4426	07/10/23	MARME005 MARMERO LAW LLC	2,220.00		292
4427	07/10/23	MARYB005 MARYBRIDGET ENTERPRISES INC	366.00		292
4428	07/10/23	MCMAS005 MCMASTER CARR SUPPLY CO.	574.75		292
4429	07/10/23	MNASS005 M & N ASSOCIATES COMPANY	11,680.00		292
4430	07/10/23	NJAME005 N.J. AMERICAN WATER COMPANY	21.27		292
4431	07/10/23	NJAME010 N.J. AMERICAN WATER COMPANY	470.28		292
4432	07/10/23	ONECA005 ONE CALL CONCEPTS	85.44		292
4433	07/10/23	PENNO010 PENNONI ASSOCIATES INC.	814.50		292
4434	07/10/23	PENNO010 PENNONI ASSOCIATES INC.	331.50		292
4435	07/10/23	PENNO010 PENNONI ASSOCIATES INC.	2,508.00		292
4436	07/10/23	PSEG0005 PSE&G	8,689.81		292
4437	07/10/23	PSEG0005 PSE&G	8,686.00		292
4438	07/10/23	REPUB005 REPUBLIC SERVICES	341.44		292
4439	07/10/23	RIVER025 RIVERSIDE NAPA AUTO PARTS	817.33		292
4440	07/10/23	SEASI005 SEASIDE WASTE SERVICES	1,000.00		292
4441	07/10/23	THOMA015 THOMAS SCIENTIFIC, LLC	431.06		292
4442	07/10/23	UGIEN005 UGI ENERGY SERVICES LLC	319.17		292
4443	07/10/23	USABL005 HD SUPPLY INC	50.04		292
4444	07/10/23	VERIZ005 VERIZON	152.69		292
4445	07/10/23	VERIZ010 VERIZON WIRELESS	93.46		292
4446	07/10/23	WATER005 WATER ENVIRONMENT FEDERATION	125.00		292
4447	07/10/23	WBMAS005 W B MASON CO., INC	578.24		292
4448	07/10/23	WESTE005 WESTERN TERMITE & PEST CONTROL	99.91		292
4449	07/10/23	XEROX005 XEROX FINANCIAL SERVICES	94.53		292

Report Totals	Paid	Void	Amount Paid	Amount Void
Checks:	39	0	75,996.74	0.00
Direct Deposit:	0	0	0.00	0.00
Total:	39	0	75,996.74	0.00

**RIVERSIDE SEWERAGE AUTHORITY
PLANT OPERATOR'S REPORT
AUTHORITY MEETING - JULY 10, 2023**

1. The Plant Performance Summary for May, 2023 is attached for review. There was a noncompliance violation during this reporting period with the E-coli. The Residuals [Sludge] Management Summary for May, 2023 is also attached for review. Dewatered sludge [25 yds] were removed by the Seaside Waste Services Company for composting at the County facility.
2. The Trouble Log Summary for June, 2023. Nothing to report.
3. No Line Maintenance done in June, due to manpower shortage.
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. Raw Sewer Pump #2 [a main influent pump] requires replacement or a total rebuild. Vaughan Pump will be contacted for a replacement cost. [Estimated replacement cost is \$28,000.00].
6. The Comminutor for Grit Chamber #1 was not operating as designed. The comminutor was removed from service. A new motor was ordered with a delivery date of August 29th.
7. The Comminutor for Grit Chamber #2 was not operating as designed. The comminutor was removed from service. A new comminutor was ordered through Municipal Maintenance. Please see attached quote. Delivery time of 10 weeks.
8. Dave Stewart was onsite for a routine visit and collection of Effluent samples.
9. Willier was contacted to repair Pump [Compressor] #2 at Hooker Street Pump Station. A new pump was ordered. The compressor is scheduled to be delivered the week of July 9th.
10. Sand Filter # 1 has been removed from service for inspection and maintenance. The NJDEP Case # is 211108074550. New sand has been delivered. The filter is recirculating at this time. We are still working on two air lifts.
11. Longo Electric replaced control head for polymer pump #2. They are also working on replacing all lighting around plant to LED.

SUBMITTED BY



JEFFREY M. CONARD
SUPERINTENDENT

PLANT PERFORMANCE SUMMARY

May-23

PARAMETER	PERMIT	REPORTED	PARAMETER	PERMIT	REPORTED
FLOW, INFLUENT			NITRATE (AS N), EFFLUENT 1 / 6 months		
Monthly Avg	Report	0.841 MGD	Mon Avg Conc	Report	19.50 MG/L
Daily Maximum	Report	1.128 MGD	Daily Max Conc	Report	19.50 MG/L
FLOW, EFFLUENT			E. COLI 2 / month		
Monthly Avg	Report	0.730 MGD	Monthly Avg	Report	2419.60 /100ML
Daily Maximum	Report	0.844 MGD	Instant Max	Report	2419.60 /100ML
5 DAY BOD, INFLUENT			FECAL COLIFORM, EFFLUENT Require Reuse Only		
Mon Avg Conc	Report	148.00 MG/L	Monthly Avg	200/100ML	2419.00 /100ML
Weekly Avg Conc	Report	176.00 MG/L	Weekly Avg	400/100ML	0.00 /100ML
5 DAY BOD, EFFLUENT			BIOASSAY, EFFLUENT		
Mon Avg Loading	98 KG/D	35.56 KG/D	LC50 96 hr Acute	50	0.00 %
Weekly Avg Loading	147 KG/D	50.52 KG/D	IC25 7 day Chronic	Report	100.00 %
Mon Avg Conc	30 MG/L	13.53 MG/L	CHLORINE PRODUCED OXIDANTS, EFFLUENT		
Weekly Avg Conc	45 MG/L	19.40 MG/L	Mon Avg Conc	Report	0.08 MG/L
5 DAY BOD REMOVAL EFFICIENCY			Daily Max Conc	Report	0.08 MG/L
Mon Avg Minimum	88.5	90.94 %	TEMPERATURE, INFLUENT		
pH, INFLUENT			Minimum	Report	17.1 DEG C
Minimum	Report	6.84 S.U.	Monthly Avg	Report	18.7 DEG C
Maximum	Report	7.56 S.U.	Maximum	Report	20.0 DEG C
pH, EFFLUENT			TEMPERATURE, EFFLUENT		
Minimum	6.00 S.U.	6.38 S.U.	Minimum	Report	16.2 DEG C
Maximum	9.00 S.U.	6.97 S.U.	Monthly Avg	Report	18.5 DEG C
TOTAL SUSP SOLIDS, INFLUENT			Maximum	Report	20.5 DEG C
Mon Avg Conc	Report	130.7 MG/L	DISSOLVED OXYGEN, EFFLUENT		
Weekly Avg Conc	Report	280.0 MG/L	Wkly Avg Conc (Min)	4.0 MG/L	6.80 MG/L
TOTAL SUSP SOLIDS, EFFLUENT			PHOSPHOROUS, EFFLUENT 1 / month		
Mon Avg Loading	113 KG/D	33.67 KG/D	Mon Avg Conc	Report	4.7 MG/L
Weekly Avg Loading	170 KG/D	41.44 KG/D	Weekly Avg Conc	Report	4.7 MG/L
Mon Avg Conc	30 MG/L	12.33 MG/L	COPPER, EFFLUENT Quarterly only		
Weekly Avg Conc	45 MG/L	15.00 MG/L	Mon Avg Conc	Report	0 MG/L
TOTAL SUSP SOLIDS REMOVAL EFFICIENCY			Daily Max Conc	Report	0 MG/L
Mon Avg Minimum	85	90.56 %	ZINC, EFFLUENT Quarterly Only		
OIL&GREASE, EFFLUENT Quarterly			Mon Avg Conc	Report	0 MG/L
Mon Avg Conc	10 MG/L	Code=N MG/L	Daily Max Conc	Report	0 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	384.0 MG/L
Mon Avg Loading	75.7 KG/D	0.00 KG/D	Daily Max Conc	Report	384.0 MG/L
Daily Max Loading	151.4 KG/D	0.00 KG/D	Bis(2-ethylhexyl)phthalate Quarterly only		
Mon Avg Conc	20 MG/L	0.00 MG/L	Mon Avg Conc	Report	Code=N ug/l
Daily Max Conc	40 MG/L	0.00 MG/L	Daily Max Conc	Report	Code=N ug/l
AMMONIA NITROGEN (MAY-OCT.) EFFLUENT			Asbestos Fibrous per liter		
Mon Avg Loading	18.8 KG/D	28.51 KG/D	Mon Avg Conc	Code=N	fib/liter
Daily Max Loading	37.9 KG/D	34.11 KG/D	Daily Max Conc	Code=N	fib/liter
Mon Avg Conc	5 MG/l	10.43 MG/L			
Daily Max Conc	10 MG/L	13.10 MG/L			

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

RESIDUALS MANAGEMENT SUMMARY

May-23

SLUDGE PRODUCED			RAW SLUDGE		
Total Gallons		gal	% Total Solids, minimum	2.7	%
Average Gallons/Day	0	gpd	% Total Solids, average	2.8	%
Total Dry Tons	0	dt	% Total Solids, maximum	2.9	%
Average Dry Tons/Day	0	dt/d	% Total Volatile Solids, minimum	84.70	%
Total Metric Tons	0	mt	% Total Volatile Solids, average	85.23	%
Average Metric Tons/Day	0	mt/d	% Total Volatile Solids, maximum	85.90	%
			pH minimum	5.22	s.u.
			pH maximum	6.29	s.u.
LIQUID SLUDGE REMOVED					
Total Gallons		gal	sludge sample temperature, min	17.2	C
Average Gallons/Day	0	gpd	sludge sample temperature, avg	19.1	C
Total Dry Tons	N.R.	dt	sludge sample temperature, max	22.4	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	2.20	%
% Total Solids, Minimum	N.R.	%	% Total Solids, average	2.93	%
% Total Solids, Average	N.R.	%	% Total Solids, maximum	3.90	%
% Total Solids, Maximum	N.R.	%	% Total Volatile Solids, minimum	78.90	%
pH, Minimum	N.R.	s.u.	% Total Volatile Solids, average	80.17	%
pH, Maximum	N.R.	s.u.	% Total Volatile Solids, maximum	81.10	%
			pH minimum	6.94	s.u.
			pH maximum	7.37	s.u.
DEWATERED SLUDGE REMOVED					
Total Gallons to Belt Press		gal	sludge sample temperature, min	26.2	C
Average Gallons/Day		gpd	sludge sample temperature, avg	35.1	C
% Total Solids, minimum	17.40	%	sludge sample temperature, max	38.9	C
% Total Solids, average	19.60	%			
% Total Solids, maximum	21.90	%	SECONDARY DIGESTER SLUDGE		
% Total Volatile Solids, minimum	79.10	%	% Total Solids, minimum	0.50	%
% Total Volatile Solids, average	80.03	%	% Total Solids, average	1.47	%
% Total Volatile Solids, maximum	80.50	%	% Total Solids, maximum	2.40	%
Total Wet Cubic Yards Removed	25	cu yd	% Total Volatile Solids, minimum	75.20	%
Average Wet Cubic yards/day	0.81	cy/d	% Total Volatile Solids, average	76.70	%
Total Dry Tons	3.87351779	dt	% Total Volatile Solids, maximum	79.10	%
Average Dry Tons/Day	0.12495219	dt/d	pH minimum	6.74	s.u.
Total Metric Tons	3.52137981	mt	pH maximum	6.94	s.u.
Average Metric Tons/Day	0.1135929	mt/d	sludge sample temperature, min	23.4	C
			sludge sample temperature, avg	23.7	C
			sludge sample temperature, max	24.3	C
OPERATIONS					
Heat Exchange, Temp In, min	106.0	°F	VOLATILE SOLIDS REDUCTION		
Heat Exchange, Temp In, avg	110.3	°F	Raw to Secondary Digester, minimum	59.50	%
Heat Exchange, Temp In, max	116.0	°F	Raw to Secondary Digester, average	42.97	%
Heat Exchange, Temp Out, min	107.0	°F	Raw to Secondary Digester, maximum	59.50	%
Heat Exchange, Temp Out, avg	112.4	°F			
Heat Exchange, Temp Out, max	120.0	°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

PUBLIC PORTION (INFORMATIONAL):

In seeing that no members of the public wishing to speak, 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. Van Meter and Mr. Mingin that the meeting be adjourned, and so declared by Chairman Horton.


Susan M. Dydek, RMC
Authority Secretary