

Monday Afternoon
Riverside, NJ
July 11, 2022
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 16, 2022.
- 2) Written notice was delivered to the Burlington County Times and the Courier Post on February 16, 2022.
- 3) Filed written notice with the Clerk of the Township of Riverside on February 16, 2022.

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

RESOLUTION:

None.

APPROVAL OF MINUTES:

Motion made by Mr. Conard, seconded by Mr. Van Meter that the minutes of the Work Session Meeting of June 13, 2022 and the Regular Meeting of June 13, 2022 be approved carried.

PUBLIC PORTION – (TECHNICAL):

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

OLD BUSINESS:

- 1) Authorization to hire Kyle Conard effective July 11, 2022 approved on motion made by Messrs. Giovanetti and Mingin. Upon roll call the vote was as follows: Ayes – Messrs.

Giovanetti, Mingin, Van Meter and Horton. Nays – None. Abstain – Mr. George Conard Sr. motion carried.

NEW BUSINESS:

- 1) Contractual Holidays – A brief discussion ensued concerning the addition of the Juneteenth Holiday to the contracts of the Riverside Sewerage Authority Employees. **Motion made by Mr. Conard, seconded by Mr. Mingin approving the additional Juneteenth Holiday to the contracts of all Riverside Sewerage Authority Employees carried.**
- 2) New Jersey League of Municipalities Convention
- 3) Stacey Hatton – 505 Cleveland Avenue – Sewer backing up.
- 4) Uniform Vendor – The Authority decided to seek quotes for a uniform vendor. Aramark, Cintas and American Ware will be contacted for quotes.

CORRESPONDENCE:

- 1) John A. Smith – Manits Innovation – Constellation Energy Supply Contract.
- 2) Meerelys Pena – Thank you for award.

REPORTS:

PLANT:

Mr. Conard reported Superintendent Joseph Bader will give the 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:

Superintendent Bader reported that the Kluk Consultants (the Engineer for Keymar) forwarded the proposed breakdown drawings to Pennoni for review. Pennoni observed that the drawings also included the installation of four new storage tanks. Pennoni emailed Kluk Consultants for confirmation.

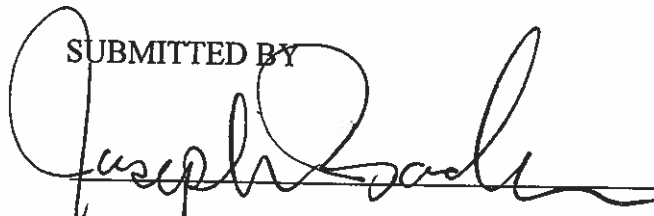
**RIVERSIDE SEWERAGE AUTHORITY
PLANT OPERATOR'S REPORT
AUTHORITY MEETING – July 11, 2022**

1. The Plant Performance Summary for May, 2022 is attached for review. There were no noncompliance violations during this reporting period. The Residuals [Sludge] Management Summary for May, 2022 is also attached for review. Dewatered sludge [25yds] were removed by the Seaside Waste Services Company for composting at the County facility.
2. The Trouble Log Summary for June, 2022 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, 2022 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. Kluk Consultants, the engineer for Keymar, forwarded the proposed breakroom drawings to Pennoni for review. Pennoni noticed the drawings also included the installation of four new storage tanks. Pennoni emailed Kluk Consultants for confirmation. [Drawing included].
6. Longo Electric was onsite to troubleshoot an electrical issue with Pump Station #2 in the Plant. The Level Controller would trip intermittently. The Pump Station is now operating as designed.
7. The Hot Water Recirculation Pump for the Boiler used to heat the Primary Digester Sludge is in need of repair. To treat the sludge in the Primary Digester properly, the sludge needs to be maintained in a certain temperature range. Four Quarters Plumbing was contacted. Waiting on delivery of pump.
8. Sand Filter # 1 has been removed from service for inspection and maintenance. The NJDEP Case # is 211108074550.

SUBMITTED BY



JOSEPH G. BADER
SUPERINTENDENT

PLANT PERFORMANCE SUMMARY

May-22

PARAMETER	PERMIT	REPORTED	PARAMETER	PERMIT	REPORTED
FLOW, INFLUENT			NITRATE {AS N}, EFFLUENT 1 / 6 months		
Monthly Avg	Report	0.819 MGD	Mon Avg Conc	Report	#DIV/0! MG/L
Daily Maximum	Report	0.998 MGD	Daily Max Conc	Report	0.00 MG/L
FLOW, EFFLUENT			E. COLI 2 / month		
Monthly Avg	Report	0.682 MGD	Monthly Avg	Report	94.39 /100ML
Daily Maximum	Report	0.761 MGD	Instant Max	Report	162.00 /100ML
5 DAY BOD, INFLUENT			FECAL COLIFORM, EFFLUENT Require Reuse Only		
Mon Avg Conc	Report	169.00 MG/L	Monthly Avg	200/100ML	8.00 /100ML
Weekly Avg Conc	Report	377.00 MG/L	Weekly Avg	400/100ML	8.00 /100ML
5 DAY BOD, EFFLUENT			BIOASSAY, EFFLUENT		
Mon Avg Loading	98 KG/D	48.91 KG/D	LC50 96 hr Acute	50	#DIV/0! %
Weekly Avg Loading	147 KG/D	63.35 KG/D	IC25 7 day Chronic	Report	#DIV/0! %
Mon Avg Conc	30 MG/L	19.17 MG/L	CHLORINE PRODUCED OXIDANTS, EFFLUENT		
Weekly Avg Conc	45 MG/L	24.40 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	92.25 %	TEMPERATURE, INFLUENT		
pH, INFLUENT			Minimum	Report	14.5 DEG C
Minimum	Report	6.73 S.U.	Monthly Avg	Report	16.4 DEG C
Maximum	Report	7.62 S.U.	Maximum	Report	18.5 DEG C
pH, EFFLUENT			TEMPERATURE, EFFLUENT		
Minimum	6.00 S.U.	6.70 S.U.	Minimum	Report	13.7 DEG C
Maximum	9.00 S.U.	7.21 S.U.	Monthly Avg	Report	15.9 DEG C
TOTAL SUSP SOLIDS, INFLUENT			Maximum	Report	18.2 DEG C
Mon Avg Conc	Report	294.0 MG/L	DISSOLVED OXYGEN, EFFLUENT		
Weekly Avg Conc	Report	697.0 MG/L	Wkly Avg Conc [Min]	4.0 MG/L	5.98 MG/L
TOTAL SUSP SOLIDS, EFFLUENT			PHOSPHOROUS, EFFLUENT 1 / month		
Mon Avg Loading	113 KG/D	68.94 KG/D	Mon Avg Conc	Report	0 MG/L
Weekly Avg Loading	170 KG/D	93.47 KG/D	Weekly Avg Conc	Report	0 MG/L
Mon Avg Conc	30 MG/L	27.00 MG/L	COPPER, EFFLUENT Quarterly only		
Weekly Avg Conc	45 MG/L	36.00 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	90.82 %	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	426.0 MG/L
Mon Avg Loading	75.7 KG/D	30.22 KG/D	Daily Max Conc	Report	426.0 MG/L
Daily Max Loading	151.4 KG/D	35.05 KG/D			
Mon Avg Conc	20 MG/L	11.84 MG/L			
Daily Max Conc	40 MG/L	13.50 MG/L			

RESIDUALS MANAGEMENT SUMMARY

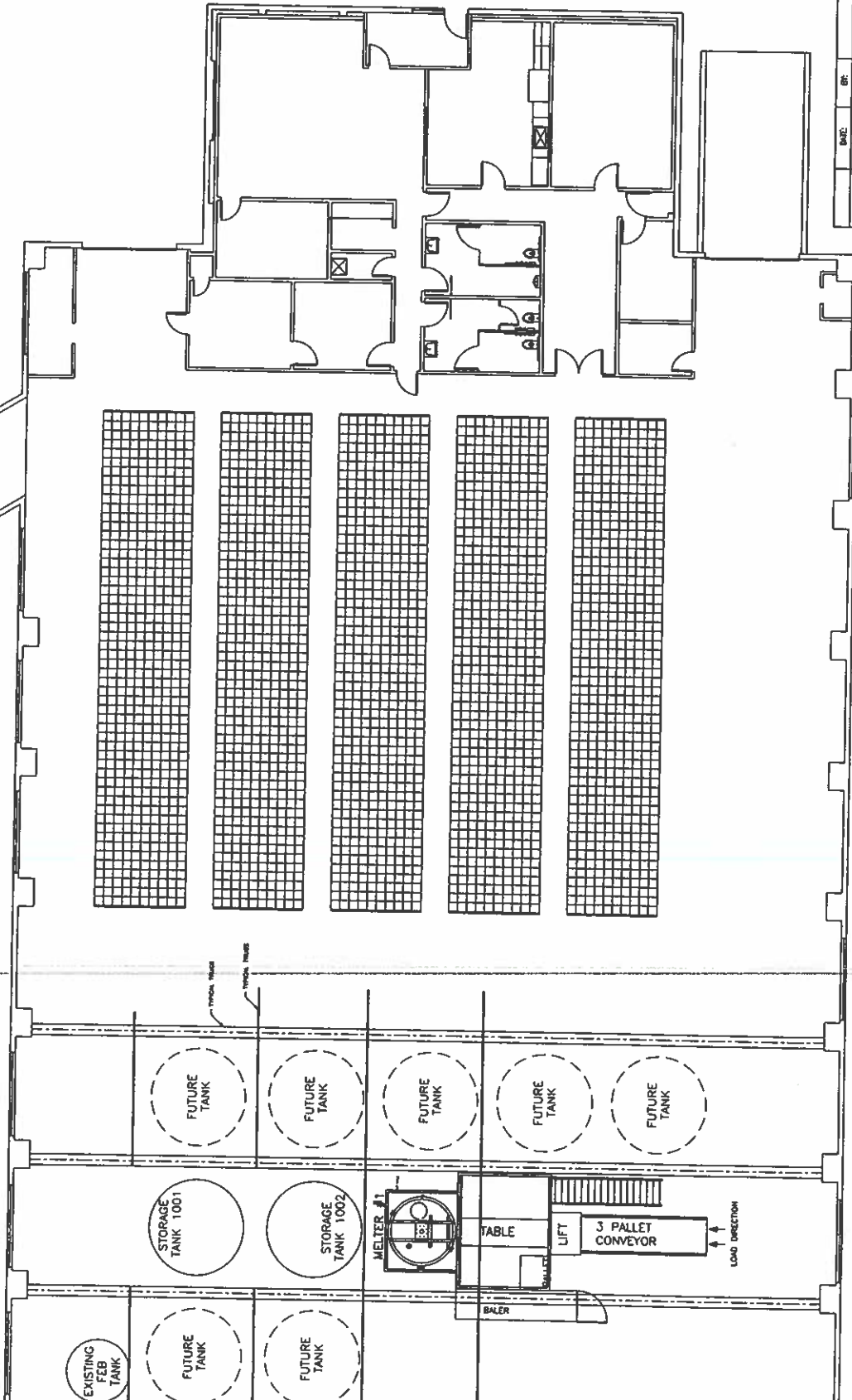
May-22


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.
LIQUID SLUDGE REMOVED			pH maximum	0 s.u.
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.
DEWATERED SLUDGE REMOVED			pH maximum	0 s.u.
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
OPERATIONS			sludge sample temperature, max	0 C
Heat Exchange, Temp In, min	120.0	⁰ F		
Heat Exchange, Temp In, avg	0.0	⁰ F	VOLATILE SOLIDS REDUCTION	
Heat Exchange, Temp In, max	0.0	⁰ F	Raw to Secondary Digester, minimum	%
Heat Exchange, Temp Out, min	110.0	⁰ F	Raw to Secondary Digester, average	%
Heat Exchange, Temp Out, avg	0.0	⁰ F	Raw to Secondary Digester, maximum	%
Heat Exchange, Temp Out, max	0.0	⁰ F		

June 2022 Trouble Log Summary

Date	Report #	Address	Condition(s) Reported	Condition(s) Found	Disposition
6/1/2022	2022-048	308 LIPPINCOTT AVENUE	Fixture backup/overflow	Main clear	Notified owner/tenant
6/6/2022	2022-049	314 BEM STREET	Fixture backup/overflow	Main clear	Notified owner/tenant
6/7/2022	2022-050	415 TAYLOR STREET	Vent overflow	Main clear	Notified owner/tenant
6/7/2022	2022-051	LAFAYETTE STREET	Line Maintenance	Main slow	Flush/vac/root cut sewer main
6/13/2022	2022-052	MH 140 BRIDGEBORO STREET	Slow/no drainage	Main slow	Flush/vac/root cut sewer main
6/16/2022	2022-053	BEM ST & PALMER ST	Markout request	Main clear	Markout main/lateral/vent
6/17/2022	2022-054	138 LIPPINCOTT AVENUE	Backflow into property	Main clear	Notified owner/tenant
6/22/2022	2022-055	511 HOWARD STREET	Vent overflow	Main clear	Notified owner/tenant
6/23/2022	2022-056	202 FILMORE STREET	Vent overflow	Main clear	Notified owner/tenant
6/24/2022	2022-057	505 CLEVELAND AVENUE	Backflow into property	Main slow	Flush/vac/root cut sewer main
6/28/2022	2022-058	202 FILMORE STREET	Vent overflow	Main clear	Notified owner/tenant
6/30/2022	2022-059	202 FILMORE STREET	Vent overflow	Main clear	Notified owner/tenant

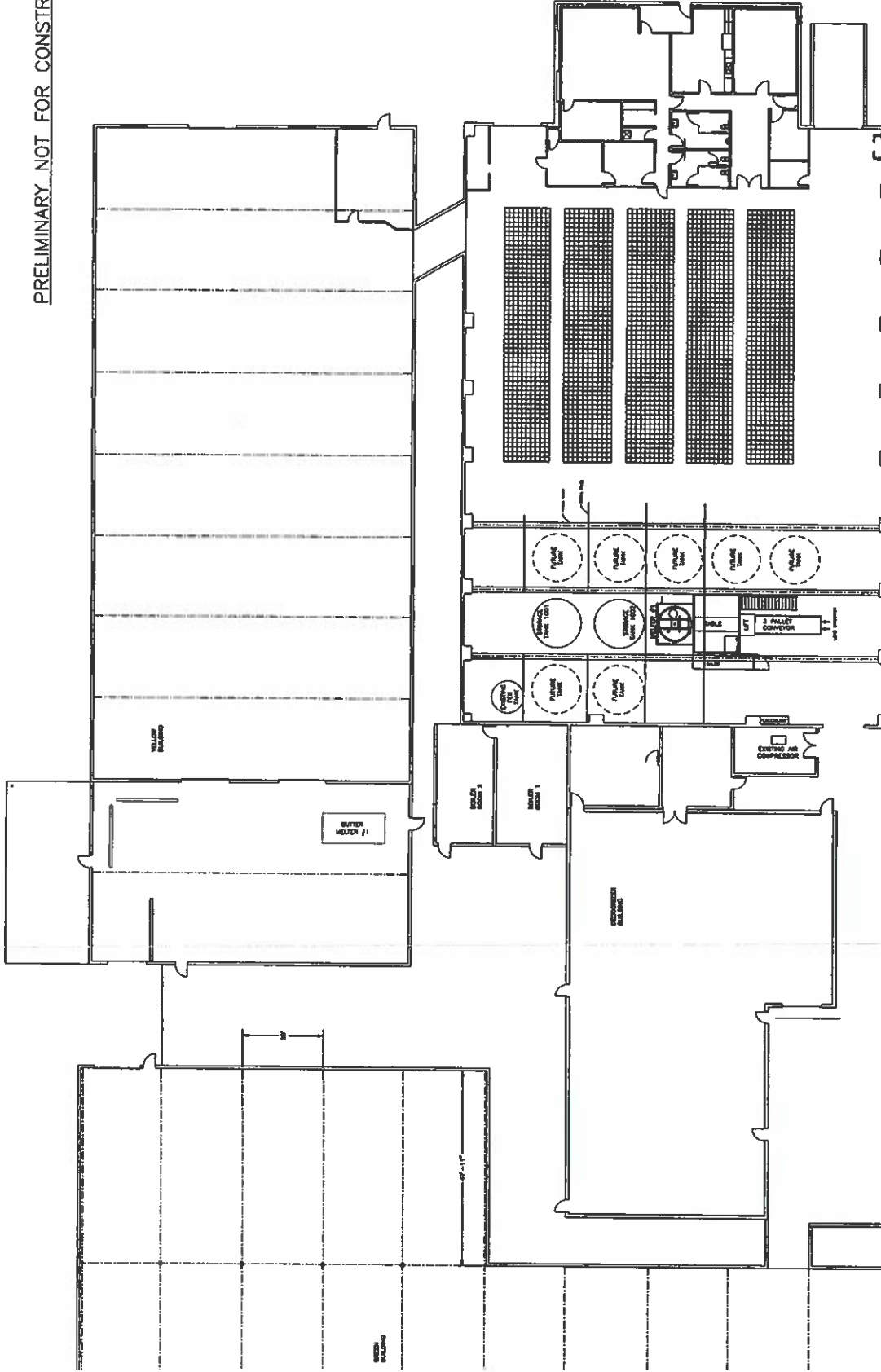
PRELIMINARY NOT FOR CONSTRUCTION




DATE:	BY:	REVISIONS:
OUT. APPL.:	FIELD CHECK:	DESIGN CHECK:
 1510 Village Court Edgewater Park, NJ 08010 (609) 699-6950		
PROJECT: KEYMAR NEW MELTER		
LAYOUT PROGRESS		
DATE:	BY:	REVISIONS:
6/27/22		
PLOT SIZE D 9999-26-111		
SHEET NO. 1 OF 2		

REV. APPROVAL DATE BY DATE APP. DESCRIPTION

PRELIMINARY NOT FOR CONSTRUCTION



DATE: 08/22/22	BY: [Signature]	REVISION:
DESIGN: [Signature]		
PROJECT:		
		
1510 Village Court Edgewater Park, NJ 08010 (609) 699-6950		
KEYMAR NEW MELTER		
LAYOUT PROGRESS		
DATE: 9/27/22	BY: [Signature]	REVISION:
PROJECT: 9999-26-111		
DATE: 9/27/22	BY: [Signature]	REVISION:
PROJECT: 9999-26-111		
DATE: 9/27/22	BY: [Signature]	REVISION:
PROJECT: 9999-26-111		

REV.	PERSONAL	DATE	BY	CHK	APP	DESCRIPTION

Longo Electric was onsite to troubleshoot an electrical issue with Pump Station #2 in the Plant. The Level Controller would trip intermittently. The Pump Station 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. Conard, seconded by Mr. Mingin to accept the Engineer's Report as written, carried.

MONTHLY FINANCIAL REPORT:

Treasurer Jack reported that the GASB is not ready. An escrow account is needed from Keymar for the Engineer's fees. The Attorney will write a letter. The amount of the escrow account should be \$2500.00. The One-Year Extension of Time for the Treatment Works Approval (TWA) No. 20-0183 was granted by the State of New Jersey Department of Community Affairs. The new expiration date of the permit shall be August 2023.

Motion made by Mr. Conard, seconded by Mr. Giovanetti to accept the Monthly Financial Report, carried.

BILLS AND EXPENDITURES:

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


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.**

CLOSED SESSION:

Resolution 2022 - #26 entitled, "A Resolution of the Riverside Sewerage Authority Providing for a Meeting Not Open to the Public in Accordance with the Provisions of the New Jersey Open Public Meetings Act, N.J.S.A. 10:4-12" was not needed and therefore, not voted upon.

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


Susan M. Dydek, RMC
Authority Secretary

