

Monday Afternoon
Riverside, NJ
January 22, 2018
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 Riverside Township Administrative Office Building on April 11, 2017.
2. Written notice was delivered to the Burlington County Times on April 11, 2017 and the Courier Post on April 11, 2017.
3. Filed written notice with the Clerk of the Township of Riverside on April 11, 2017.

The regular meeting of the Riverside Sewerage Authority was held on the above date at the Riverside Township Municipal Building with the following members present: Messrs. Horton, Van Meter, Conard and Haman along with Superintendent Joseph Bader and Authority Secretary Susan M. Dydek and Treasurer Jack. Mr. Mingin and Assistant Superintendent Jeffrey Conard were not present.

APPROVAL OF MINUTES:

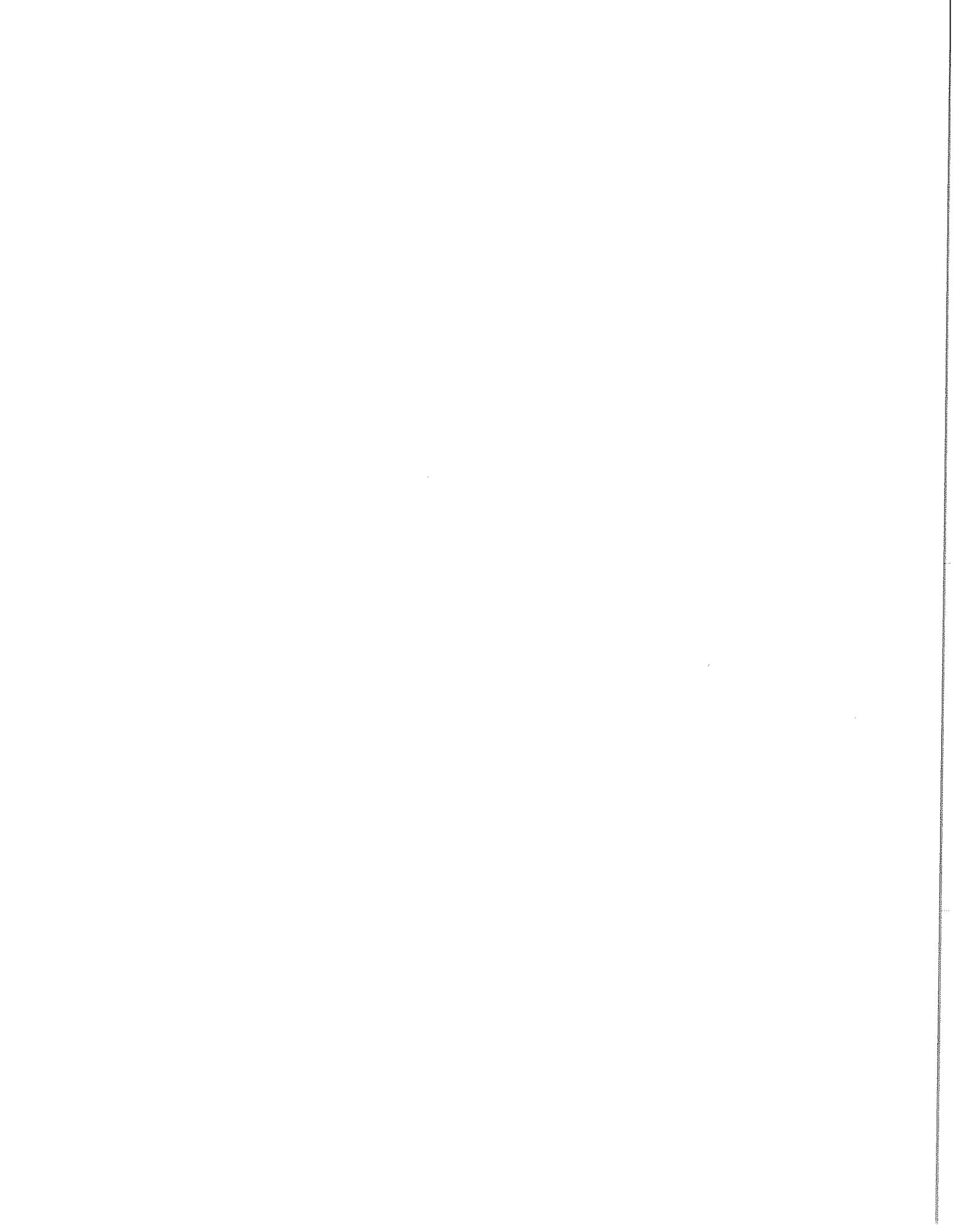
Motion made by Mr. Horton and Mr. Conard that the minutes of the Work Session Meeting of December 11, 2017 be approved as written carried.

Motion made by Mr. Horton and Mr. Conard that the minutes of the Regular Meeting of December 11, 2017 be approved as written carried.

PUBLIC PORTION – (TECHNICAL):

- 1) Jose Costa – 607 Dauphin Street – Mr. Costa received approvals by the Planning Board for a new construction in 2010 and also received an approval from the Riverside Sewerage Authority for a new connection. Mr. Horton questioned if new specifications should be given or if anything needs to be reviewed by the Engineer? The Authority Members answered in the negative. **Motion made by Mr. Conard and Mr. Van Meter to extend the approval for a new connection to 607 Dauphin Street carried.**

In seeing no additional members of the public wishing to speak, Public Portion (Technical) was unanimously closed.



OLD BUSINESS:

- 1) Sewer Rate Reductions/Appeals – There was a brief discussion on whether or not to delete the provisions for a reduced rate for non-consumption of water usage. The Authority determined that it may be in the best interest to delete the provisions of authorizing a reduced rate and stated that all the information should be sent to the attorney for review. It was also determined to have the Auditor review the current rates.

NEW BUSINESS:

- 1) Margert Peddito – 265 Hooker Street – Sewer is backing up in front of home. Superintendent Bader stated that this property was reported to the Department of Environmental Protection.
- 2) Gerri Mingin – 621 Taylor Street – Raw sewerage backing up into street and neighbor's yard 617 Taylor Street. Superintendent Bader stated that 617 Taylor Street was reported to the Department of Environmental Protection.
- 3) Joe Horizon – Manhole at Dauphin and Filmore Streets – Main flooded, water back-up. Superintendent Bader reported that this was due to a slow main and the problem was rectified.
- 4) Joqas Ouellette – (no address given) – Sewer back-up.
- 5) RFP/RFQ received for Engineer Position.
- 6) No RFP/RFQ received for Accountant Position. **Motion made by Messrs. Horton and Conard authorizing the Secretary to re-advertise for the position of Accountant for the year 2018-2019 carried.**
- 7) Meeting Dates for the Calendar Year 2018-2019.
- 8) Financial Disclosure Statements must be filed by April 30, 2018.

ACTION:

- 1) Authorization to approve and enter into a Work Occupational & Employee Health Service Agreement with Virtua Health Inc. **approved on motion made by Mr. Horton and Mr. Van Meter carried.**

CORRESPONDENCE:

- 1) State of New Jersey Department of Environmental Protection – Treatment Works Approval for The Mill at Riverside. Approval No. 17-0475.
- 2) Maley & Associates – Application for Amended Preliminary and Final Major Site Plan Approval along with Lot Consolidation – The Mill at Riverside.
- 3) Maley Givens – Request for Connection Fee Credit. **Motion made to deny the request for a Connection Credit made by Messrs. Horton and Van Meter carried.**
- 4) Municipal Excess Liability Joint Insurance Fund – MEL Annual Report.

- 5) Paul and Kathryn Tursi – Request to return property to five (5) billing units instead of four (4) units. **Authorization to approve the request to return the property to five (5) billing units made by Mr. Conard, seconded by Mr. Van Meter carried.**

REPORTS:

PLANT:

Mr. Mingin was not in attendance.

APPEALS:

Mr. Mingin was not in attendance.

REVENUE AND FINANCE:

Mr. Haman had no report.

STREETS:

Mr. Van Meter had no report.

INSPECTIONS:

Mr. Mingin was not in attendance.

SUPERINTENDENT'S REPORT:

Superintendent Bader reported that three properties were reported to the NJDEP for lateral vent overflows the reporting period. The properties that were reported are: 400 Cleveland Avenue, 617 Taylor Street and 265 Hooker Street. The DRBC is requiring that the Riverside Sewerage Authority to perform increased laboratory monitoring on the Plant's effluent discharge for two (2) years beginning April 2018. Lattimer & Sons have completed the Center Column rebuild for Trickling Filter #2. The Media replacement has not been completed. The Hooker Street Pump Station Confined Space Project was started on January 3, 2018 by C. Stevenson & Son. The Hooker Street Pump Station did not meet PEOSH 29 CFR 1926.501 Code.

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

The report is on file in the Authority Secretary's Office.

ASSISTANT SUPERINTENDENT:

Assistant Superintendent Jeffrey Conard was not present.

**RIVERSIDE SEWERAGE AUTHORITY
PLANT OPERATOR'S REPORT
AUTHORITY MEETING - January 8, 2018**

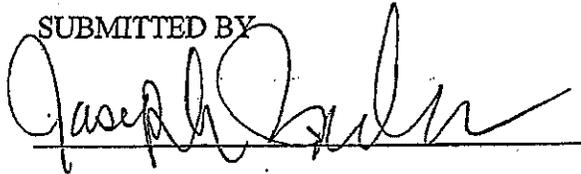
1. The Plant Performance Summary for November, 2017 is attached for review. There were no violations during this report period. Residuals [Sludge] Management Summary for November, 2017 is also attached for review. Dewatered sludge [25 yds] was removed by the Woolston Company for composting at the County facility.
2. The Trouble Log Summary for December, 2017 is attached for review.
3. The Line Maintenance Summary for December, 2017 is attached for review.
4. The Activities Report for December 2017/January 2018 is attached for review.
5. No measurements were recorded December, 2017/ January 2018 for the Secondary Digester Dome tilt due to Safety Precautions.

[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. Until the repairs to the Primary Digester mixing system are made, the digester won't produce enough gas to lift the Secondary Digester Dome roof].
6. Three Properties were reported to the NJDEP for a lateral vent overflow this reporting period.
 - a. 400 Cleveland Avenue. NJDEP Case #171204182621.
 - b. 617 Taylor Street. NJDEP Case # 171211141429.
 - c. 265 Hooker Street. NJDEP Case # 171221154424.
7. A Manhole [MH 418] overflow, approximately 25 gallons, was reported to the NJDEP. The case # is 171219165422.
8. RVT Construction has started the repairs to the Raw Sewer Pump Building and the Digester Room Roof. The repairs have not been completed as of January 5, 2018.
9. The DRBC is requiring RSA to perform increased laboratory monitoring on the Plants effluent discharge for two years, starting April 2018. [The correspondence is attached for review].
10. The SED Utilization Report for November was submitted by email to the NJDEP for the Primary Digester Project. A notification of receipt was received.
11. Franc Environmental has satisfactory completed the sludge removal from the Primary Digester. [Out of service case # 171206092456].
12. Lattimer & Son has completed the Center Column rebuild for Trickling Filter #2. The media replacement has not been completed. [Out of service case # 17211163304].
13. Grit Chamber #1 [Out of service case # 170411125541] is still out of service as of January 5, 2018. The part necessary to complete the Grit Chamber rebuild has been received from Suez and Deltronics will be notified.

**RIVERSIDE SEWERAGE AUTHORITY
PLANT OPERATOR'S REPORT
AUTHORITY MEETING – January 8, 2018**

14. The Hooker Street Pump Station Confined Space Project was started January 3, 2018 by C. Stevenson & Son. The Hooker Street Pump Station did not meet PEOSH 29 CFR 1926.501 code.
15. The conveyor parts required to rebuild Grit Conveyor #2 were received from Pyrz. Three quotations will be requested for the repairs when Grit Chamber #1 is returned to service.
16. The integration of the Dialer to the SCADA system has not been completed as of the issuing of this report.
17. Sand Filter #3 remains out of service for maintenance. The out of service case # is 160304101826. A purchase order was issued to US Silica for the delivery of Silica Sand for Sand Filter #3, but has not been received as of the issuing of this report.

SUBMITTED BY



JOSEPH G. BADER
SUPERINTENDENT

PLANT PERFORMANCE SUMMARY

November 2017

PARAMETER	PERMIT	REPORTED	PARAMETER	PERMIT	REPORTED
FLOW EFFLUENT			NITRATE AS/N EFFLUENT Quarterly only		
Monthly Avg	Report	0.36 MGD	Mon Avg Conc	Report	30.00 MG/L
Daily Maximum	Report	0.52 MGD	Daily Max Conc	Report	30.00 MG/L
5 DAY BOD INFLUENT			E COLI		
Mon Avg Conc	Report	175.33 MG/L	Monthly Avg	Report	1.00 /100ML
Weekly Avg Conc	Report	241.00 MG/L	Instant Max	Report	1.00 /100ML
5 DAY BOD EFFLUENT			FECAL COLIFORM EFFLUENT		
Mon Avg Loading	98 KG/D	10.99 KG/D	Monthly Avg	200/100ML	1.00 /100ML
Weekly Avg Loading	147 KG/D	14.04 KG/D	Weekly Avg	400/100ML	1.00 /100ML
Mon Avg Conc	30 MG/L	6.97 MG/L	BIOASSAY EFFLUENT Annual/Semi-Annual		
Weekly Avg Conc	45 MG/L	8.94 MG/L	LC50 96 hr Acute	50%	%
5 DAY BOD REMOVAL EFFICIENCY			IC25 7 day Chronic	Report	%
Mon Avg Minimum	88.5%	96.0 %	CHLORINE PRODUCED OXIDANTS EFFLUENT		
PH INFLUENT			Mon Avg Conc	Report	0.020 MG/L
Minimum	Report	7.01 S.U.	Daily Max Conc	Report	0.020 MG/L
Maximum	Report	7.72 S.U.	TEMPERATURE INFLUENT		
PH EFFLUENT			Minimum	Report	17.20 DEG C
Minimum	6.00 S.U.	6.16 S.U.	Monthly Avg	Report	19.38 DEG C
Maximum	9.00 S.U.	6.90 S.U.	Maximum	Report	21.50 DEG C
TOTAL SUSP SOLIDS INFLUENT			TEMPERATURE EFFLUENT		
Mon Avg Conc	Report	125.0 MG/L	Minimum	Report	15.30 DEG C
Weekly Avg Conc	Report	147.0 MG/L	Monthly Avg	Report	17.92 DEG C
TOTAL SUSP SOLIDS EFFLUENT			Maximum	Report	21.00 DEG C
Mon Avg Loading	113 KG/D	0.36 KG/D	DISSOLVED OXYGEN EFFLUENT		
Weekly Avg Loading	170 KG/D	0.52 KG/D	Wkly Avg Conc [Min]	4.0 MG/L	6.5 MG/L
Mon Avg Conc	30 MG/L	9.51 MG/L	PHOSPHOROUS EFFLUENT		
Weekly Avg Conc	45 MG/L	14.50 MG/L	Mon Avg Conc	Report	4.9 MG/L
TOTAL SUSP SOLIDS REMOVAL EFFICIENCY			Weekly Avg Conc	Report	4.9 MG/L
Mon Avg Minimum	85.0%	92.2 %	COPPER EFFLUENT Quarterly only		
OIL & GREASE EFFLUENT			Mon Avg Conc	Report	MG/L
Mon Avg Conc	10 MG/L	1.40 MG/L	Daily Max Conc	Report	MG/L
Daily Max Conc	15 MG/L	1.40 MG/L	ZINC EFFLUENT Quarterly only		
AMMONIA NITROGEN (NOV/APR) EFFLUENT			Mon Avg Conc	Report	MG/L
Mon Avg Loading	75.7 KG/D	0.3623 KG/D	Daily Max Conc	Report	MG/L
Daily Max Loading	151.4 KG/D	0.5210 KG/D	Total Dissolved Solids Effluent /month		
Mon Avg Conc	20 MG/L	0.7400 MG/L	Mon Avg Conc	Report	380.00 MG/L
Daily Max Conc	40 MG/L	1.3000 MG/L	Daily Max Conc	Report	380.00 MG/L

Code=N Not Required This Monitoring Period
 Copper Quarterly Only
 Zinc Quarterly Only
 Nitrate Semi-Annual
 Bioassay LC50 Annual
 Bioassay lc25 Semi-Annual

D/VO = No Result Not Sampled this Month

RESIDUALS MANAGEMENT SUMMARY

November 2017

SLUDGE PRODUCED		RAW SLUDGE	
Total Gallons to Belt Press	59500 gal	% Total Solids, minimum	0.00 %
Average Gallons/Day	1983 gpd	% Total Solids, average	2410.00 %
Dry Metric Tons Per Month	5431.63 dt	% Total Solids, maximum	0.00 %
Average Dry Tons/ Day	dt/d	% Total Volatile Solids, minimum	0.00 %
Total Wet Metric Tons	4931.92 mt	% Total Volatile Solids, average	0.00 %
Average Wet Metric Tons per Day	mt/d	% Total Volatile Solids, maximum	0.00 %
Total Wet Cu yard per month	25.00 wmt	pH minimum	5.20 s.u.
		pH maximum	6.10 s.u.
LIQUID SLUDGE REMOVED			
Total Gallons	0 gal	sludge sample temperature, min	17.80 C
Average Gallons/Day	0 gpd	sludge sample temperature, avg	20.05 C
Total Dry Tons	N.R. dt	sludge sample temperature, max	25.10 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	0.00 %
% Total Solids, Minimum	0.00 %	% Total Solids, average	0.00 %
% Total Solids, Average	0.01 %	% Total Solids, maximum	0.00 %
% Total Solids, Maximum	0.10 %	% Total Volatile Solids, minimum	0.00 %
pH, Minimum	6.75 s.u.	% Total Volatile Solids, average	0.00 %
pH, Maximum	7.00 s.u.	% Total Volatile Solids, maximum	0.00 %
		pH minimum	6.75 s.u.
		pH maximum	7.00 s.u.
DEWATERED SLUDGE REMOVED			
Total Gallons to Belt Press	59,500 gal	sludge sample temperature, min	30.80 C
Average Gallons/Day	1,983 gpd	sludge sample temperature, avg	35.97 C
% Total Solids, minimum	0.0 %	sludge sample temperature, max	39.10 C
% Total Solids, average	0.0 %		
% Total Solids, maximum	0.0 %	SECONDARY DIGESTER SLUDGE	
% Total Volatile Solids, minimum	0.0 %	% Total Solids, minimum	0.00 %
% Total Volatile Solids, average	0.0 %	% Total Solids, average	0.00 %
% Total Volatile Solids, maximum	0.0 %	% Total Solids, maximum	0.00 %
Total Wet Cu yard per month	25.00 cu yd	% Total Volatile Solids, minimum	0.00 %
Average Wet Cu yards per day	0.83 cy/d	% Total Volatile Solids, average	0.00 %
Total Dry Tons	NR dt	% Total Volatile Solids, maximum	0.00 %
Average Dry Tons/ Day	NR dt/d	pH minimum	6.80 s.u.
Total Dry Metric Tons	0.00 mt	pH maximum	6.86 s.u.
Average Dry Metric Tons per Day	0.00 mt/d	sludge sample temperature, min	21.10 C
		sludge sample temperature, avg	23.05 C
		sludge sample temperature, max	25.00 C
OPERATIONS			
Heat Exchange, Temp In, min	F		
Heat Exchange, Temp In, avg	F	VOLATILE SOLIDS REDUCTION	
Heat Exchange, Temp In, max	F	Raw to Secondary Digester, minimum	0.0 %
Heat Exchange, Temp Out, min	F	Raw to Secondary Digester, average	0.0 %
Heat Exchange, Temp Out, avg	F	Raw to Secondary Digester, maximum	0.0 %
Heat Exchange, Temp Out, max	F		
Detention Time, Primary Digester	days		
Detention Time, Secondary Digester	50.42 days		

N.R. = None Removed
 N.S. = Not Sampled
 N.W. = Not Working

O.O.S. = Out Of Service
 R.T.S. = Return To Service
 N.I.S. = Not In Service

December 2017 Trouble Log Summary

Date	Report #	Address	Condition(s) Reported	Condition(s) Found	Disposition
12/4/2017	2017-196	400 CLEVELAND AVENUE	Vent overflow	Main clear	Notified owner/tenant
12/5/2017	2017-197	9 LITTLE AVENUE	Odor complaint	Source not determined	Notified owner/tenant
12/5/2017	2017-198	FAIRVIEW ST MH# 462	MH frame/cover damaged/missing	Source not determined	Notified Superintendent
12/11/2017	2017-199	617 TAYLOR STREET	Vent overflow	Main clear	Notified owner/tenant
12/11/2017	2017-200	616 TAYLOR STREET	Markout request	Main clear	Markout main/lateral/vent
12/11/2017	2017-201	864 LICHTENTHAL STREET	Markout request	Main clear	Markout main/lateral/vent
12/12/2017	2017-202	FILMORE ST & DAUPHIN ST	Slow/no drainage	Main slow	Flush/vac/root cut sewer main
12/14/2017	2017-203	620 W. WASHINGTON ST	Backflow into property	Main clear	Notified owner/tenant
12/15/2017	2017-204	208 PAINE STREET	Backflow into property	Main slow	Flush/vac/root cut sewer main
12/18/2017	2017-205	218 MADISON STREET	Backflow into property	Main clear	Notified owner/tenant
12/19/2017	2017-206	PINE ST & PROGRESS ST	Manhole overflow	Main slow	Flush/vac/root cut sewer main
12/21/2017	2017-208	265 HOOKER STREET	Vent overflow	Main clear	Notified owner/tenant
12/22/2017	2017-207	435 KOSSUTH STREET	Odor complaint	Source not determined	Notified owner/tenant
12/22/2017	2017-209	JEFFERSON ST & MADISON ST	Line inspection	Lateral broken/damaged	Notified Superintendent
12/28/2017	2017-210	700 BEM STREET	Line inspection	Other	Notified Superintendent

December 2017 Line Maintenance Summary

Date	Report #	Location	Section	Diameter	Distance	Remarks
12/5/2017	2017-142	Cleveland Ave.	295-238	8"	396	FOUND GREASE & GRIT.

RIVERSIDE SEWERAGE AUTHORITY

PO BOX 188

RIVERSIDE, NJ 08075

Office (856) 461-1460

Plant (856) 461-0700

Fax (856) 461-0428

ACTIVITIES REPORT December 2017/January 2018

Franc Environmental was onsite to start the Primary Digester Cleanout Project. The expected time frame for the cleanout is thirty days.

Lattimer & Son was onsite to start the removal of the center column for Trickling Filter #2.

ABS was onsite to continue the SCADA installation.

Routine maintenance was performed on the UV system. A damaged control board was found and replaced.

Confirmation that RSA will attend the NJUA Safety Meeting was emailed and faxed.

Joe D. attended the NJUA Safety Meeting located in Marlton.

Joe D. assisted the Riverside Public Works with snow removal.

Lattimer & Son removed the center column for Trickling Filter #2 for rebuilding.

The SED Utilization Report for November was submitted by email to the NJDEP for the Primary Digester Project. A notification of receipt was received.

Lattimer & Son was onsite to reinstall the rebuilt center column for Trickling Filter #2.

Contech was onsite to continue the SCADA installation.

RVT Construction was onsite to start the repairs to the Raw Sewer Pump Building and the Digester Room Roof.

NJAW was notified of a water main break at the corner of Bem Street and Laycock Street.

Pennoni and Lattimer & Son onsite to review the Primary Digester Mixer Project progress and concerns.

C. Stevenson & Son onsite at Hooker Street Pump Station to install confined space hoist.

John J and Jeff assisted the Riverside Public Works with snow removal.

ENGINEER'S REPORT:

The Engineer's Report was submitted.

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

The report is on file in the Authority Secretary's Office.

MONTHLY FINANCIAL REPORT:

Treasurer Jack reported that Jeff Hegan from Chadwick's Funeral Home had a defective meter and his usage could not be recorded from last spring. Mr. Hegan is requesting a credit be given based off of prior usage. The Authority agreed with Mr. Hegan's request. Treasurer Jack also reported on several invoices that were received from Pennoni regarding prior bills. Some of the invoices are regarding the TWA, the SCADA System and general engineering. The Authority stated to hold the TWA invoice. Chairman Haman stated that all future invoices are going to be scanned and emailed to the Secretary and the Treasurer so that payment may be issued. Mr. Conard stated his concerns over the Engineer's costs and stated that the Authority should look into hiring a smaller Engineering Firm. Mr. Horton also voiced his concerns about the Engineering costs. The Authority stated that they want explanations on all the invoices that were submitted by Pennoni Engineering. Treasurer Jack also reported on a Fire Call Procedure Policy regarding employees that are volunteer fire fighters that responding to fires during working hours. There was a brief discussion on fighting fires during working hours.

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 other members of the public were present, **motion made by Mr. Conard and Mr. Horton that Public Portion (Informational) be closed, carried.**

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


Susan M. Dydek, RMC
Authority Secretary