

Monday Afternoon
Riverside, NJ
February 8, 2016
Regular Meeting

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 January 20, 2016.
2. Written notice was delivered to the Burlington County Times on January 20, 2016 and the Courier Post on January 20, 2016.
3. Filed written notice with the Clerk of the Township of Riverside on January 20, 2016.

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. Mingin, Haman, Van Meter, and Horton along with Secretary Susan M. Dydek, Treasurer Meghan Jack, Engineer Hugh Dougherty, Superintendent Joseph Bader and Assistant Superintendent Jeffrey Conard. Messrs. Conard and Orfe were not in attendance. Also Solicitor David Serlin was not in attendance.

RESOLUTIONS:

None.

APPROVAL OF MINUTES:

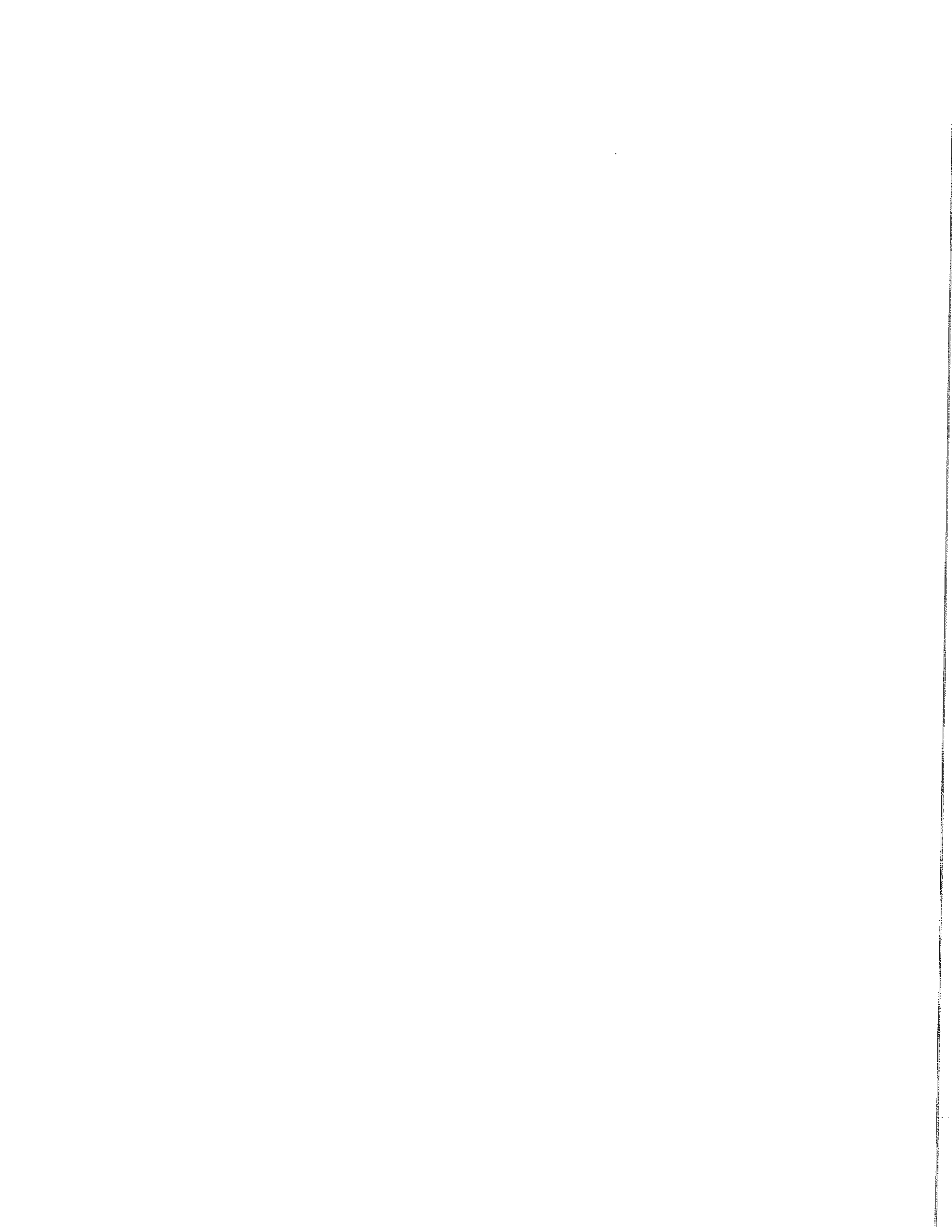
Motion made by Mr. Van Meter and Mr. Mingin that the minutes of the Work Session Meeting of January 11, 2016 be approved as written carried.

Motion made by Mr. Van Meter and Mr. Horton that the minutes of the Regular Meeting of January 11, 2016 be approved as written carried.

Motion made by Mr. Horton and Mr. Van Meter that the minutes of the Closed Session Meeting of January 11, 2016 be approved as written carried.

PUBLIC PORTION – (TECHNICAL):

In seeing that there were no members of the Public wishing to speak during the Technical Portion, motion made by Mr. Van Meter and Mr. Horton carried: Public Portion be closed.



OLD BUSINESS:

None.

NEW BUSINESS:

1. Liquid Aluminum Sulfate Litigation – **Motion made by Mr. Horton, seconded by Mr. Mingin authorizing Treasurer Jack to move forward with any necessary action regarding the litigation carried.**
2. Jeremy Birnbaum – 604 Fourth Street -- Toilet bubbling, vent over flowing.
3. Robert Costello – 110 Delaware Avenue – Sewer backing up into house.
4. Louis Gallone – 313 Grant Street – Cannot locate clean-out.
5. April Wilson – 358 Carroll Street – Sewer backing up into house.

ACTION:

- 1) **Motion made by Mr. Horton** authorizing to approve an Application for Funding for the NJDEP SFY 2017 Environmental Infrastructure Financing Program Track II **seconded by Mr. Van Meter carried.**
- 2) Authorization to approve and enter into an Employment Contract with Joseph Bader for the Riverside Sewerage Authority Plant Superintendent Position *tabled on motion by Mr. Horton and Mr. Van Meter carried. Motion tabled.*
- 3) Authorization to approve and enter into an Employment Contract with Jeffrey Conard for the Riverside Sewerage Authority Plant Assistant Superintendent Position *tabled on motion by Mr. Horton and Mr. Van Meter carried. Motion tabled.*
- 4) **Mr. Horton made a motion** authorizing to approve and execute a Settlement Agreement and Release of Claims with Robert Alleruzzo pending the approval of Special Labor Counsel Elizabeth Garcia **seconded by Mr. Van Meter carried.**
- 5) Motion to allow Mr. Horton to authorize and sign the bills and expenditures listed on the monthly bill listing **on motion by Messrs. Van Meter and Mingin carried.**

CORRESPONDENCE:

None.

REPORTS:**PLANT:**

Chairman Haman directed the floor to Superintendent Bader. Superintendent Bader reported that the bearings in Raw Sewer Pump #3 are in need of immediate replacement. **Motion made by Mr. Horton, seconded by Mr. Mingin authorizing Superintendent Bader to purchase a new pump carried.** Superintendent Bader stated that he has communicated with the owner of 301 Washington Street about the elimination of their second lateral on Cleveland Avenue. Superintendent Bader also recommended that Chapter 14 of the Bylaws and Resolutions entitled, "Connections and Disconnections" be amended to give more guidance. There was a brief discussion on this, and Engineer Dougherty stated that he will be in contact with Superintendent

Bader regarding this. Superintendent Bader requested permission to have a flow assessment of the flow performed. **Mr. Van Meter made a motion authorizing Superintendent Bader to proceed with obtaining three bids for a flow assessment of the influent flow seconded by Mr. Mingin carried.** A copy of the Plant Superintendent's Report is on file in the Secretary's Office.

Motion made by Mr. Horton and Mr. Mingin to accept Superintendent Bader's report carried.

APPEALS:

Mr. Mingin had no report.

REVENUE AND FINANCE:

Mr. Haman had no report.

STREETS:

Mr. Van Meter had no report.

SOLICITOR:

Solicitor Serlin was not in attendance.

ENGINEER:

Engineer Dougherty reported that the Foxboro DCS System replacement bids will be received on February 25, 2016 with the anticipate award date of March 14, 2016. Engineer Dougherty also reported that the Auto Dialer Upgrade is now complete.

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

CONSULTANT:

Mr. Orfe was excused from the meeting.

MONTHLY FINANCIAL REPORT:

Treasurer Jack reported that since the Accountant was appointed, they will begin preparing for the Audit and the reason the payment for Ford Motor Credit is high is because it is paid annually. Mr. Horton questioned if there are any bills in the bill listing that are from the prior year? Treasurer Jack answered in the affirmative.

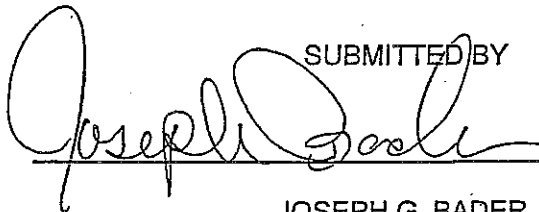
**RIVERSIDE SEWERAGE AUTHORITY
PLANT OPERATOR'S REPORT
AUTHORITY MEETING – February 8, 2016**

1. The Plant Performance Summary for December, 2015 is attached for review. There were no violations during this report period. Residuals [Sludge] Management Summary for December, 2015 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 January, 2016 is attached for review.
3. The Line Maintenance Summary for January, 2016 is attached for review. The DRBC PCB collection system maintenance has continued in the East End of town.
4. The Activities Report for January/February 2016 is attached for review.
5. Measurements taking on February 2, 2016 for Secondary Digester Dome are North 24 1/4", South 27 3/4", East 25", and West 28 1/4". There is a 4" tilt to the digester cover currently.
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. Scalfio Electric has completed the auto-dialer installation for the plant. Pennoni was on the premises to observe the installation of the auto-dialer. The auto-dialer is operating as designed. A memo was issued to all plant employees about the new auto-dialer installation for the plant and how to acknowledge the alarm system when an alarm is generated.
7. The bearings in Raw Sewer Pump #3 were in the need of immediate replacement. It is my position this constituted an emergency condition and an emergency statement was issued for the repairs. Municipal Maintenance was contacted to perform the repairs. The initial quoted total for the repairs was [\$9,210.00]. The out of service Case # is 160114151531.
8. The new Jet/Vac was received from Timmerman January 15, 2016. Training for all plant employees on the operation and maintenance of the new Jet/Vac has been conducted by Timmerman and Hoover Truck Center.
9. Communicated with the Owner of 301 Washington St. about the elimination of their second lateral on Cleveland Avenue. He inquired about the materials the Authority was requiring for the disconnection.
I request Riverside amend Chapter 14, Connections and Disconnections, Section 14-15. The Authority's approved method of disconnecting and seal an existing lateral. [Attached is a brief procedure for review].
10. The average dry and wet flow rates for the Metal Works Pump Station have been emailed to Pennoni.

**RIVERSIDE SEWERAGE AUTHORITY
PLANT OPERATOR'S REPORT
AUTHORITY MEETING – February 8, 2016**

11. The OSHA 304A report has been completed.
12. The 2016 JIF Contact Form has been completed and was emailed to J.A. Montgomery.
13. The repairs to Sand Filter #1 have been completed and the silica [sand] was received from U.S. Silica. After a period of washing the sand in the filter and monitoring the filters operation, the filter will be returned to service. The expected return date is February 11, 2016. The out of service case # is 140328102317.
14. Request permission to have a flow assessment of the influent flow performed. The Third Quarter Influent monthly average flow rate has increased substantially. The estimated cost is [\$6,000.00] for one month. [Attached for review is supporting data].

SUBMITTED BY



JOSEPH G. BADER
SUPERINTENDENT

PLANT PERFORMANCE SUMMARY

December-15

PARAMETER	PERMIT	REPORTED	PARAMETER	PERMIT	REPORTED
FLOW EFFLUENT			NITRATE (AS N) EFFLUENT		
Monthly Avg	Report	0.54 MGD	Mon Avg Conc	Report	N.S. MG/L
Daily Maximum	Report	0.94 MGD	Daily Max Conc	Report	N.S. MG/L
5 DAY BOD INFLUENT			E. COLI		
Mon Avg Conc	Report	199.33 MG/L	Monthly Avg	Report	Code=n /100ML
Weekly Avg Conc	Report	217.00 MG/L	Instant Max	Report	Code=n /100ML
5 DAY BOD EFFLUENT			FECAL COLIFORM EFFLUENT		
Mon Avg Loading	98 KG/D	10.65 KG/D	Monthly Avg	200/100ML	10 /100ML
Weekly Avg Loading	147 KG/D	13.57 KG/D	Weekly Avg	400/100ML	10 /100ML
Mon Avg Conc	30 MG/L	4.95 MG/L	BIOASSAY EFFLUENT		
Weekly Avg Conc	45 MG/L	6.40 MG/L	LC50 96 hr Acute	50%	0 %
5 DAY BOD REMOVAL EFFICIENCY			IC25 7 day Chronic	Report	0 %
Mon Avg Minimum	88.5%	97.5 %	CHLORINE PRODUCED OXIDANTS EFFLUENT		
pH INFLUENT			Mon Avg Conc	Report	Code=n MG/L
Minimum	Report	7.05 S.U.	Daily Max Conc	Report	Code=n MG/L
Maximum	Report	7.72 S.U.	TEMPERATURE INFLUENT		
pH EFFLUENT			Minimum	Report	16 DEG C
Minimum	6.00 S.U.	6.22 S.U.	Monthly Avg	Report	17 DEG C
Maximum	9.00 S.U.	7.24 S.U.	Maximum	Report	18 DEG C
TOTAL SUSP SOLIDS INFLUENT			TEMPERATURE EFFLUENT		
Mon Avg Conc	Report	173.33 MG/L	Minimum	Report	13 DEG C
Weekly Avg Conc	Report	296.00 MG/L	Monthly Avg	Report	16 DEG C
TOTAL SUSP SOLIDS EFFLUENT			Maximum	Report	19 DEG C
Mon Avg Loading	113 KG/D	17.37 KG/D	DISSOLVED OXYGEN EFFLUENT		
Weekly Avg Loading	170 KG/D	22.26 KG/D	Wkly Avg Conc [Min]	4.0 MG/L	6.4 MG/L
Mon Avg Conc	30 MG/L	8.50 MG/L	PHOSPHOROUS EFFLUENT		
Weekly Avg Conc	45 MG/L	10.50 MG/L	Mon Avg Conc	Report	5.02 MG/L
TOTAL SUSP SOLIDS REMOVAL EFFICIENCY			Weekly Avg Conc	Report	4.70 MG/L
Mon Avg Minimum	85.0%	95.1 %	COPPER EFFLUENT		
OIL & GREASE EFFLUENT			Mon Avg Conc	Report	Code=N MG/L
Mon Avg Conc	10 MG/L	<2.29 MG/L	Daily Max Conc	Report	Code=N MG/L
Daily Max Conc	15 MG/L	<2.29 MG/L	ZINC EFFLUENT		
AMMONIA NITROGEN (NOV/APR) EFFLUENT			Mon Avg Conc	Report	Code=N MG/L
Mon Avg Loading	75.7 KG/D	0.2739 KG/D	Daily Max Conc	Report	Code=N MG/L
Daily Max Loading	151.4 KG/D	0.5310 KG/D			
Mon Avg Conc	20 MG/L	0.1233 MG/L			
Daily Max Conc	40 MG/L	0.2300 MG/L			

Code = N Not Required This Monitoring Period

RESIDUALS MANAGEMENT SUMMARY

December-15

SLUDGE PRODUCED		RAW SLUDGE	
Total Gallons	0 gal	% Total Solids, minimum	2.3 %
Average Gallons/Day	0 gpd	% Total Solids, average	2.4 %
Total Dry Tons	0.0 dt	% Total Solids, maximum	2.4 %
Average Dry Tons/ Day	0.00 dt/d	% Total Volatile Solids, minimum	83.6 %
Total Metric Tons	0.0 mt	% Total Volatile Solids, average	84.0 %
Average Metric Tons/Day	0.00 mt/d	% Total Volatile Solids, maximum	84.3 %
		pH minimum	5.01 s.u.
		pH maximum	6.72 s.u.
LIQUID SLUDGE REMOVED			
Total Gallons	0 gal	sludge sample temperature, min	15 C
Average Gallons/Day	0 gpd	sludge sample temperature, avg	18 C
Total Dry Tons	N.R. dt	sludge sample temperature, max	22 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	3.5 %
% Total Solids, Minimum	0.0 %	% Total Solids, average	3.6 %
% Total Solids, Average	0.0 %	% Total Solids, maximum	3.6 %
% Total Solids, Maximum	0.0 %	% Total Volatile Solids, minimum	72.1 %
pH, Minimum	6.9 s.u.	% Total Volatile Solids, average	72.3 %
pH, Maximum	7.0 s.u.	% Total Volatile Solids, maximum	72.6 %
		pH minimum	6.86 s.u.
		pH maximum	7.13 s.u.
DEWATERED SLUDGE REMOVED			
Total Gallons to Belt Press	0 gal	sludge sample temperature, min	24 C
Average Gallons/Day	0 gpd	sludge sample temperature, avg	34 C
% Total Solids, minimum	15.2 %	sludge sample temperature, max	38 C
% Total Solids, average	15.8 %		
% Total Solids, maximum	16.4 %	SECONDARY DIGESTER SLUDGE	
% Total Volatile Solids, minimum	71.0 %	% Total Solids, minimum	1.4 %
% Total Volatile Solids, average	71.7 %	% Total Solids, average	1.5 %
% Total Volatile Solids, maximum	72.5 %	% Total Solids, maximum	1.7 %
Total Cubic Yards Removed	25 cu yd	% Total Volatile Solids, minimum	71.0 %
Average Cubic Yards/Day	0.81 cy/d	% Total Volatile Solids, average	71.7 %
Total Dry Tons	3.1 dt	% Total Volatile Solids, maximum	72.5 %
Average Dry Tons/ Day	0.10 dt/d	pH minimum	6.89 s.u.
Total Metric Tons	2.8 mt	pH maximum	7.01 s.u.
Average Metric Tons/Day	0.09 mt/d	sludge sample temperature, min	17 C
		sludge sample temperature, avg	21 C
		sludge sample temperature, max	24 C
OPERATIONS			
Heat Exchange, Temp In, min	100 F	VOLATILE SOLIDS REDUCTION	
Heat Exchange, Temp In, avg	106 F	Raw to Secondary Digester, minimum	59.5 %
Heat Exchange, Temp In, max	115 F	Raw to Secondary Digester, average	51.5 %
Heat Exchange, Temp Out, min	101 F	Raw to Secondary Digester, maximum	59.5 %
Heat Exchange, Temp Out, avg	107 F		
Heat Exchange, Temp Out, max	116 F		
Detention Time, Primary Digester	0 days		
Detention Time, Secondary Digester	0 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

January 2016 Trouble Log Summary

Date	Report #	Address	Condition(s) Reported	Condition(s) Found	Disposition
1/2/2016	2016-001	612 NEW JERSEY AVE	Vent overflow	Main clear	Notified owner/tenant
1/4/2016	2016-002	203 PAINE ST	Backflow into property	Main clear	Notified owner/tenant
1/5/2016	2016-004	28 EAST SCOTT ST	Assist other Department	Source not determined	Other
1/7/2016	2016-005	409 GREENWOOD AVE	Vent overflow	Main clear	Notified owner/tenant
1/7/2016	2016-006	45 SPRING GARDEN ST	Vent overflow	Main clear	Notified owner/tenant
1/8/2016	2016-007	604 FOURTH ST	Vent overflow	Main clear	Notified owner/tenant
1/13/2016	2016-008	110 DELAWARE AVE	Backflow into property	Main clear	Notified owner/tenant
1/18/2016	2016-010	508 HOWARD ST	Vent overflow	Lateral blocked	Flush/vac/root cut sewer main
1/19/2016	2016-011	HOWAD ST	Line inspection	Main slow	Flush/vac/root cut sewer main
1/22/2016	2016-012	307 LIPPINCOTT	Vent overflow	Main clear	Notified owner/tenant
1/25/2016	2016-013	243 SYLVAN ST	Backflow into property	Main slow	Flush/vac/root cut sewer main
1/25/2016	2016-014	248 SYLVAN ST	Odor complaint	Main clear	Notified owner/tenant
1/26/2016	2016-015	313 GRANT ST	Locate Vent	Source not determined	Notified owner/tenant
1/26/2016	2016-016	358 CARROL STREET	Backflow into property	Main clear	Notified owner/tenant
1/30/2016	2016-017	304 NEW JERSEY AVE	Backflow into property	Lateral blocked	Notified owner/tenant

January 2016 Line Maintenance Summary

Date	Report #	Location	Section	Diameter	Distance	Remarks
1/6/2016	2016-0001	Whittaker St.	142-220	8"	285	GRIT
1/6/2016	2016-0002	Whittaker St.	439-435	8"	294	GRIT
1/6/2016	2016-0003	Whittaker St.	435-436	8"	170	GRIT

RIVERSIDE SEWERAGE AUTHORITY
PO BOX 188
RIVERSIDE, NJ 08075

Office (856) 461-1460

Plant (856) 461-0700

Fax (856) 461-0428

ACTIVITIES REPORT January/February 2016

John and Steve attended a JIF Safety Course in Pennsauken.

The new time clock was instituted.

The Industrial/Commercial meters were completed.

Scalfo Electric has completed the auto-dialer installation for the plant. Pennoni was on the premises to observe the installation. The auto-dialer is operating as designed.

Municipal Maintenance is on the premises to remove Raw Sewer Pump #3 for repairs. The bearings are making a grinding noise and the oil is dark. Case # 160114151531.

The support wheels for Secondary Clarifier #1 and Secondary Clarifier #2 were replaced. Both wheels failed.

Spoke with the Owner of 301 Washington St. about the elimination of their second lateral on Cleveland Avenue. He inquired about the materials the Authority was requiring for the disconnection.

The Laboratory certified samples have been ordered from ERA.

A vacuum vent on Sand Filter #1 was reconnected and insulated to prevent freezing.

The Belt Filter Press is out of service. The Press requires repairs to the water line in Building 6.

The 2016 JIF Contact Form has been completed and was emailed to J.A. Montgomery.

A memo was issued to all plant employees about the new auto-dialer installation for the plant and how to acknowledge the alarm system when an alarm is generated.

The new Jet/Vac was received from Timmerman.

The newly installed gas lines feeding the new HVAC in Building 2 were painted orange indicating the lines are gas lines.

Deltronics was on the premises to confirm the auto-dialer was operating as designed.

Safety Training was conducted on the proper wearing of a Respirators and the selection of the proper respirator.

Joe B attended a meeting at the Town Hall about the Watchcase Kaplan project.

RIVERSIDE SEWERAGE AUTHORITY
PO BOX 188
RIVERSIDE, NJ 08075

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The OSHA 304A report has been completed.

The average dry and wet flow rates for the Metal Works Pump Station have been emailed to Pennoni.

Joe Cunningham and Jeff assisted the Public Works with snow removal. John and Joe D'Agostino removed snow for RSA.

Timmerman was on the premises to train all plant employees on the operation and maintenance of the new Jet/Vac.

Joe C and John attended a JIF Safety Training Course in Pennsauken.

Hoover Truck Center was on the premises to train all plant employees on the maintenance and operation of the new Jet/Vac.

Maintenance was performed on the Air Scrubber for the Belt Filter Press. During the inspection it was discovered the recirculation meters for the scrubber were not functioning. Two meters will be ordered.

Joe B and Pennoni attended a pre-bid at the Plant for the replacement of the SCADA System.

BILLS AND EXPENDITURES:

Motion made by Mr. Horton, seconded by Mr. Van Meter that all bills and expenditures be paid as well as the acceptance of the Monthly Financial Report be carried.

PUBLIC PORTION (INFORMATIONAL):

Chairman Haman opened the Public Portion.

In seeing that no members of the Public wished to speak, motion made by Mr. Van Meter and Mr. Haman carried: Public Portion be closed.

RESOLUTION:

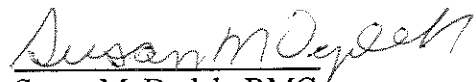
Mr. Horton made a motion to adopt Resolution 2016-#18A entitled, "A RESOLUTION OF THE RIVERSDIE SEWERAGE AUTHORITY PROVIDING FOR A MEETING NOT OPEN TO THE PUBLIC IN ACCORDANCE WITH THE PROVISIONS OF THE NEW JERSEY OPEN PUBLIC MEETINGS ACT, N.J.S.A. 10:4-12." seconded by Mr. Van Meter. Upon roll call, the vote was as followed: Ayes – Messrs. Haman, Mingin, Van Meter, and Horton. Nays – None. Motion carried.

Motion made by Messrs. Horton and Mr. Van Meter to reopen the meeting carried.

Motion made by Mr. Horton, seconded by Mr. Mingin authorizing the acceptance of Superintendent Bader's employment contract carried. Motion carried.

Motion to *table* Assistant Superintendent J. Conard's contract made on motion by Messrs. Horton and Van Meter carried. *Motion tabled.*

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


Susan M. Dydek, RMC
Secretary

RESOLUTION 2016 - #18A
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

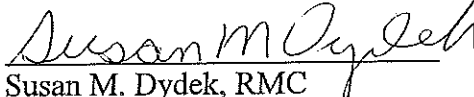
WHEREAS, the Riverside Sewerage Authority is subject to certain requirements of the Open Public Meetings Act, N.J.S.A. 10:4-6 et seq.; and

WHEREAS, the Open Public Meetings Act, N.J.S.A. 10:4-12, provides that an Executive Session, not open to the public, may be held for certain specified purposes when authorized by Resolution; and

WHEREAS, it is necessary for the Riverside Sewerage Authority to discuss in a session not open to the public certain matters relating to Personnel.

NOW, THEREFORE, BE IT RESOLVED, by the Riverside Sewerage Authority, assembled in public session on February 8, 2016 that an Executive Session closed to the public shall be held during the Regular Meeting of the Riverside Sewerage Authority on February 8, 2016 in the Township Municipal Building, 1 West Scott Street Riverside, New Jersey for the discussion of matters relating to the specific items designated above. It is anticipated that the deliberations conducted in closed session may be disclosed to the public upon the determination of the Riverside Sewerage Authority that the public interest will no longer be served by such confidentiality.

I HEREBY CERTIFY that the foregoing Resolution was adopted by the Riverside Sewerage Authority in the Township of Riverside, County of Burlington, State of New Jersey, at a Regular Meeting held on February 8, 2016.


Susan M. Dydek, RMC
Secretary