

Monday Afternoon  
Riverside, NJ  
September 10, 2018  
**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 Riverside Township Administrative Office Building on February 21, 2018.
2. Written notice was delivered to the Burlington County Times and the Courier Post on February 21, 2018.
3. Filed written notice with the Clerk of the Township of Riverside on February 21, 2018.

The regular meeting of the Riverside Sewerage Authority was held on the above date at the Riverside Township Municipal Building 1 W. Scott Street Riverside, NJ 08075.

**ROLL CALL**

Mr. Mingin – present, Mr. Horton – present, Mr. Conard – excused, Mr. Van Meter – present, Mr. Haman – present.

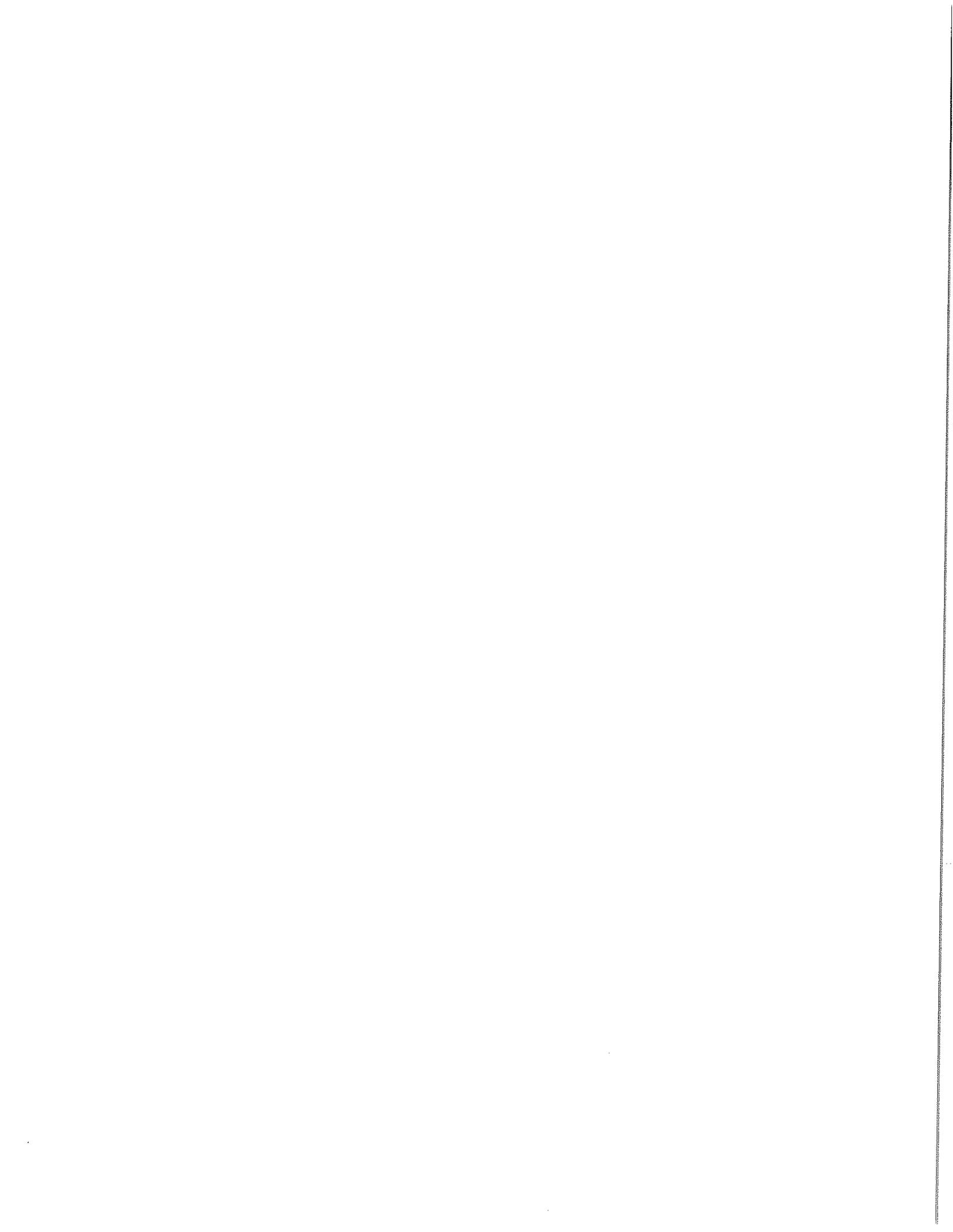
Also present: Assistant Secretary/Treasurer Meghan Jack, Superintendent Joseph Bader and Assistant Superintendent Jeffrey Conard.

Authority Secretary Susan Dydek was not in attendance.

**RESOLUTIONS:**

**Mr. Van Meter made a motion to adopt Resolution 2018-#29 entitled, “A Resolution of the Riverside Sewerage Authority Establishing a Policy for New Employees Requesting to Attend Educational Classes for the Purpose of Obtaining Licenses or Certifications” seconded by Mr. Horton. Upon roll call, the vote was as followed: Ayes – Messrs. Mingin, Van Meter, Horton and Haman. Nays – None. Motion carried.**

**Mr. Horton made a motion to adopt Resolution 2018-#30 entitled, “A Resolution of the Riverside Sewerage Authority Awarding the Contract for Dumpster Service” seconded by Mr. Mingin. Upon roll call, the vote was as followed: Ayes – Messrs. Mingin, Van Meter, Horton and Haman. Nays – None. Motion carried.**



## RESOLUTION 2018 - #29

**A RESOLUTION OF RIVERSIDE SEWERAGE AUTHORITY ESTABLISHING A POLICY FOR NEW EMPLOYEES REQUESTING TO ATTEND EDUCATIONAL CLASSES FOR THE PURPOSE OF OBTAINING LICENSES OR CERTIFICATIONS.**

SEPTEMBER 10, 2018

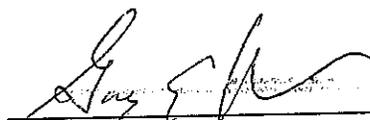
**WHEREAS**, the Riverside Sewerage Authority recognizes the need for employee development and education; and

**WHEREAS**, by attending educational classes for the purpose of obtaining licenses or certifications will assist all employees in providing the skills and knowledge they will need to excel; and

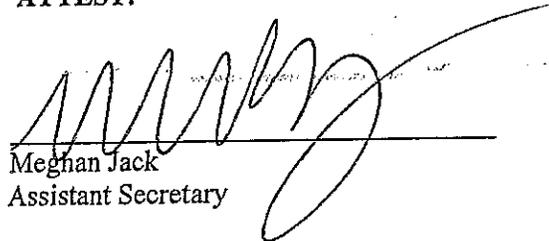
**WHEREAS**, the Riverside Sewerage Authority has determined the need to implement a policy for new employees with regard to attending educational classes for the purpose of obtaining Licenses or Certifications.

**NOW, THEREFORE BE IT RESOLVED**, that the Riverside Sewerage Authority will implement the policy that all new employees must complete their Probationary Period before attending any educational classes for the purpose of obtaining licenses or certifications.

**BY ORDER OF THE RIVERSIDE SEWERAGE AUTHORITY**

  
\_\_\_\_\_  
Gary Haman  
Chairman

**ATTEST:**

  
\_\_\_\_\_  
Meghan Jack  
Assistant Secretary

RESOLUTION 2018 - #30A RESOLUTION OF THE RIVERSIDE SEWERAGE AUTHORITY  
AWARDING THE CONTRACT FOR DUMPSTER SERVICE.

WHEREAS, the Riverside Sewerage Authority has requested quotes for a 2-yard dumpster with monthly pickup that will be located at the Riverside Sewerage Authority Plant; and

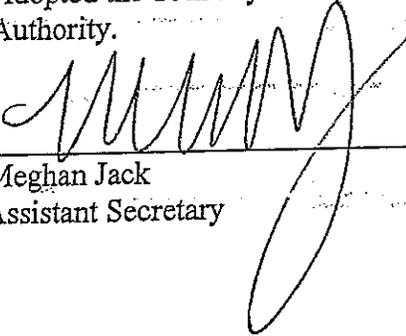
WHEREAS, quotes have been received from the following for the same in accordance with the request:

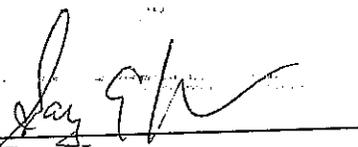
<u>Bidder</u>	<u>Quote</u>
Waste Management	\$218.40 monthly
Woolston	\$65.00 monthly
Gold Medal	\$65.00 monthly

WHEREAS, the quote of Woolston totaling \$65.00 a month is determined by the Riverside Sewerage Authority to be the lowest acceptable quote.

**NOW, THEREFORE, BE IT RESOLVED,** by the Riverside Sewerage Authority that project outlined above shall be awarded to Woolston.

Adopted the 10th day of September 2018 at the Regular Meeting of the Riverside Sewerage Authority.

  
\_\_\_\_\_  
Meghan Jack  
Assistant Secretary

  
\_\_\_\_\_  
Gary Haman  
Chairman

**APPROVAL OF MINUTES:**

Motion made by Mr. Horton and Mr. Mingin that the minutes of the Work Session Meeting of August 13, 2018 be approved as written and the minutes of the Regular Meeting of August 13, 2018 be approved as written carried.

**PUBLIC PORTION – (TECHNICAL):**

In seeing no members of the public present, motion made by Messrs. Conard and Van Meter to close Public Portion (Technical) carried.

**OLD BUSINESS:**

None.

**NEW BUSINESS:**

- 1) Fernando – 623 Filmore Street – Clogged main. (Received call 8-21-18)

**ACTION:**

None.

**CORRESPONDENCE:**

- 1) Grace Marmero & Associates, LLP – Utility Connection Fees.

**REPORTS:****PLANT:**

Mr. Conard was excused.

**APPEALS:**

Mr. Mingin had no report.

**REVENUE AND FINANCE:**

Mr. Haman reported that he is currently working on an employment contract.

**STREETS:**

Mr. Van Meter reported that three manholes have been repaired.

**RIVERSIDE SEWERAGE AUTHORITY**  
**PLANT OPERATOR'S REPORT**  
**AUTHORITY MEETING – September 10, 2018**

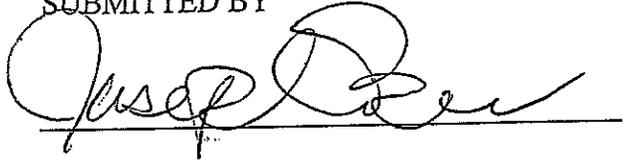
1. The Plant Performance Summary for July, 2018 is attached for review. There were no violations during this reporting period. The Residuals [Sludge] Management Summary for July, 2018 is also attached for review. ~~Dewatered sludge [25 yds] was removed by the Woolston Company for composting at the County facility.~~
2. The Trouble Log Summary for August, 2018 is attached for review.  

Zero Properties were reported to the NJDEP for lateral vent overflows this reporting period.
3. There is no Line Maintenance Summary for August, 2018 attached for review.
4. The Activities Report for August/September 2018 is attached for review.
5. Measurements taking on September 6, 2018 for the Secondary Digester are North 21 1/4", South 24 1/2", East 22 1/2", and West 24 1/2". There is a 3 1/4" tilt to the digester cover currently.  

[The Secondary Digester is not operating as designed].
6. An Associate for Penmoni Engineering was onsite at the Plant for a half hour August 22, 2018 for a SCADA punch list inspection.
7. Contech was onsite at the Plant to correct SCADA alarm issues with PS #1, PS #2, and PS #3.
8. ~~Plumbers for the Watch Case Project were onsite for information on the collection system located near their project. The Plumbers were proposing a new lateral relocation. They were directed to contact the Authority and/or the Authority's Secretary with the proposed lateral connection plans. Collection Maps of the area were issued.~~
9. Mr Weiss was notified by email he needs to present a drawing of his proposed lateral connection to the Authority.
10. Grit Chamber #1 was removed from service. The motor for the comminutor on Grit Chamber #1 needed replacement. The NJDEP out of service case # is 180820124533. The motor for the comminutor was replaced by RSA. The motor and Comminutor is now operating as designed. The return to service NJDEP Case # is 180821120035.
11. Pump #1 for Pump Station #2 was returned and installed by Willier Electric. The pump is now operating as designed.
12. The Primary Digester Roto Mix system. [The NJDEP out of service case #is 171206092456].
13. 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.

**RIVERSIDE SEWERAGE AUTHORITY  
PLANT OPERATOR'S REPORT  
AUTHORITY MEETING - September 10, 2018**

SUBMITTED BY

A handwritten signature in cursive script, appearing to read "Joseph Bader", is written over a horizontal line.

JOSEPH G. BADER  
SUPERINTENDENT

PLANT PERFORMANCE SUMMARY

July 2018

PARAMETER	PERMIT	REPORTED	PARAMETER	PERMIT	REPORTED
<b>FLOW INFLUENT</b>			<b>NITRATE (AS N), EFFLUENT</b> 1/6months		
Monthly Avg	Report	0.79 MGD	Mon Avg Conc	Report	19.30 MG/L
Daily Maximum	Report	0.90 MGD	Daily Max Conc	Report	19.30 MG/L
<b>FLOW EFFLUENT</b>			<b>E. COLI</b>		
Monthly Avg	Report	0.56 MGD	Monthly Avg	126/100ML	69.28 /100ML
Daily Maximum	Report	0.65 MGD	Max Weekly Avg	Report	800.00 /100ML
<b>5 DAY BOD INFLUENT</b>			<b>FECAL COLIFORM, EFFLUENT</b>		
Mon Avg Conc	Report	169.7 MG/L	Monthly Avg	Report	600.00 /100ML
Weekly Avg Conc	Report	200.0 MG/L	Max Weekly Avg	Report	600.00 /100ML
<b>5 DAY BOD EFFLUENT</b>			<b>BIOASSAY, EFFLUENT</b> 1/6months		
Mon Avg Loading	98 KG/D	17.0 KG/D	LC50 96 hr Acute	50%	100.00 %
Weekly Avg Loading	147 KG/D	20.1 KG/D	IC25 7 day Chronic	Report	36.40 %
Mon Avg Conc	30 MG/L	8.1 MG/L	<b>CHLORINE PRODUCED OXIDANTS, EFFLUENT</b>		
Weekly Avg Conc	45 MG/L	9.4 MG/L	Mon Avg Conc	Report	0.01 MG/L
<b>5 DAY BOD REMOVAL EFFICIENCY</b>			Daily Max Conc	Report	0.01 MG/L
Mon Avg Minimum	88.5%	95.0 %	<b>TEMPERATURE, INFLUENT</b>		
<b>pH, INFLUENT</b>			Minimum	Report	21.40 DEG C
Minimum	Report	7.13 S.U.	Monthly Avg	Report	23.84 DEG C
Maximum	Report	7.44 S.U.	Maximum	Report	25.50 DEG C
<b>pH, EFFLUENT</b>			<b>TEMPERATURE, EFFLUENT</b>		
Minimum	6.00 S.U.	6.25 S.U.	Minimum	Report	22.20 DEG C
Maximum	9.00 S.U.	7.87 S.U.	Monthly Avg	Report	24.26 DEG C
<b>TOTAL SUSP SOLIDS INFLUENT</b>			Maximum	Report	26.20 DEG C
Mon Avg Conc	Report	199.33 MG/L	<b>DISSOLVED OXYGEN, EFFLUENT</b>		
Weekly Avg Conc	Report	256.00 MG/L	Wkly Avg Conc [Min]	4.0 MG/L	6.38 MG/L
<b>TOTAL SUSP SOLIDS EFFLUENT</b>			<b>PHOSPHOROUS, EFFLUENT</b>		
Mon Avg Loading	113 KG/D	24.85 KG/D	Mon Avg Conc	Report	4.5000 MG/L
Weekly Avg Loading	170 KG/D	27.70 KG/D	Weekly Avg Conc	Report	4.5000 MG/L
Mon Avg Conc	30 MG/L	11.90 MG/L	<b>COPPER, EFFLUENT</b> quarterly		
Weekly Avg Conc	45 MG/L	13.00 MG/L	Mon Avg Conc	Report	0.0328 MG/L
<b>TOTAL SUSP SOLIDS REMOVAL EF</b>			Daily Max Conc	Report	0.0328 MG/L
Mon Avg Minimum	85.0%	93.5 %	<b>ZINC, EFFLUENT</b> quarterly		
<b>OIL &amp; GREASE, EFFLUENT</b> Quarterly			Mon Avg Conc	Report	0.1020 MG/L
Mon Avg Conc	10 MG/L	#DIV/0! MG/L	Daily Max Conc	Report	0.1020 MG/L
Daily Max Conc	15 MG/L	0.00 MG/L	<b>Total Dissolved Solids:</b> Effluent 1/month		
<b>AMMONIA NITROGEN (MAY-OCT), EFFLUENT</b>			Mon Avg Conc	Report	415.00 MG/L
Mon Avg Loading	18.8 KG/D	0.33 KG/D	Daily Max Conc	Report	415.00 MG/L
Daily Max Loading	37.9 KG/D	0.66 KG/D			
Mon Avg Conc	5 MG/L	0.16 MG/L			
Daily Max Conc	10 MG/L	0.31 MG/L			

IC25 Chronic            Required            Semi- Annually  
 LC50 Acute            Required            Annually  
 Nitrate                Required            Semi- Annually  
 Copper                Required            Quarterly  
 Zinc                    Required            Quarterly  
 #DIV/O                Not Required This Monitoring Period  
 Code = N              Not Required This Monitoring Period

## RESIDUALS MANAGEMENT SUMMARY

July 2018

SLUDGE PRODUCED		RAW SLUDGE	
Total Gallons	139,800 gal	% Total Solids, minimum	2.2 %
Average Gallons/Day	4,510 gpd	% Total Solids, average	2.3 %
Total Dry Tons	dt	% Total Solids, maximum	2.5 %
Average Dry Tons/ Day	0.00 dt/d	% Total Volatile Solids, minimum	77.3 %
Total Metric Tons	0.0 mt	% Total Volatile Solids, average	79.8 %
Average Metric Tons/Day	0.00 mt/d	% Total Volatile Solids, maximum	84.0 %
		pH minimum	5.24 s.u.
		pH maximum	6.86 s.u.
LIQUID SLUDGE REMOVED			
Total Gallons	0 gal	sludge sample temperature, min	23.5 C
Average Gallons/Day	0 gpd	sludge sample temperature, avg	25.8 C
Total Dry Tons	N.R. dt	sludge sample temperature, max	28.2 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	2.0 %
% Total Solids, Minimum	N.R. %	% Total Solids, average	2.4 %
% Total Solids, Average	N.R. %	% Total Solids, maximum	2.7 %
% Total Solids, Maximum	N.R. %	% Total Volatile Solids, minimum	75.0 %
pH, Minimum	N.R. s.u.	% Total Volatile Solids, average	76.9 %
pH, Maximum	N.R. s.u.	% Total Volatile Solids, maximum	80.8 %
		pH minimum	5.24 s.u.
		pH maximum	6.86 s.u.
DEWATERED SLUDGE REMOVED			
Total Gallons to Belt Press	139,800 gal	sludge sample temperature, min	23.5 C
Average Gallons/Day	4,510 gpd	sludge sample temperature, avg	25.8 C
% Total Solids, minimum	19.0 %	sludge sample temperature, max	28.2 C
% Total Solids, average	21.1 %		
% Total Solids, maximum	24.9 %	SECONDARY DIGESTER SLUDGE	
% Total Volatile Solids, minimum	70.3 %	% Total Solids, minimum	1.8 %
% Total Volatile Solids, average	76.4 %	% Total Solids, average	1.8 %
% Total Volatile Solids, maximum	81.0 %	% Total Solids, maximum	1.9 %
Total Wet Cubic Yards	25 cu yd	% Total Volatile Solids, minimum	77.8 %
Average Wet Cubic Yards /day	0.81 cy/d	% Total Volatile Solids, average	78.2 %
Total Dry Tons	dt	% Total Volatile Solids, maximum	79.0 %
Average Dry Tons/Day	0.00 dt/d	pH minimum	6.52 s.u.
Total Dry Metric Tons	3.8 mt	pH maximum	7.03 s.u.
Average Dry Metric Tons/day	0.12 mt/d	sludge sample temperature, min	23.9 C
		sludge sample temperature, avg	32.6 C
		sludge sample temperature, max	34.9 C
OPERATIONS			
Heat Exchange, Temp In, min	98.00 F	VOLATILE SOLIDS REDUCTION	
Heat Exchange, Temp In, avg	99.68 F	Raw to Secondary Digester, minimum	11.8 %
Heat Exchange, Temp In, max	100.00 F	Raw to Secondary Digester, average	15.8 %
Heat Exchange, Temp Out, min	93.00 F	Raw to Secondary Digester, maximum	20.0 %
Heat Exchange, Temp Out, avg	99.23 F		
Heat Exchange, Temp Out, max	102.00 F		
Detention Time, Primary Digester	26.61 days		
Detention Time, Secondary Digester	22.17 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

## August 2018 Trouble Log Summary

<u>Date</u>	<u>Report #</u>	<u>Address</u>	<u>Condition(s) Reported</u>	<u>Condition(s) Found</u>	<u>Disposition</u>
8/2/2018	2018-107	569 FAIRVIEW STREET	Slow/no drainage	Main clear	Notified owner/tenant
8/14/2018	2018-108	1061 S. FAIRVIEW ST.	Markout request	Main clear	Markout main/lateral/vent
8/14/2018	2018-109	RANCOCAS AVE. & FIFTH ST.	Markout request	Main clear	Markout main/lateral/vent
8/20/2018	2018-110	17 HENRY STREET	Markout request	Main clear	Markout main/lateral/vent
8/21/2018	2018-111	623 FILMORE STREET	Backflow into property	Main slow	Notified owner/tenant
8/22/2018	2018-112	620 WASHINGTON STREET	Slow/no drainage	Main clear	Notified owner/tenant
8/26/2018	2018-113	400 KOSSUYH STREET	Backflow into property	Main clear	Notified owner/tenant
8/30/2018	2018-114	4 WEST SCOTT STREET	Markout request	Main clear	Notified owner/tenant
8/30/2018	2018-115	213 HEULINGS AVENUE	Markout request	Main clear	Notified owner/tenant
8/30/2018	2018-116	GREENWOOD AVENUE	Markout request	Main clear	Notified owner/tenant
8/31/2018	2018-117	315 BEM STREET	Noise complaint	Main clear	Markout main/lateral/vent
				Main slow	Flush/vac/root cut sewer main

RIVERSIDE SEWERAGE AUTHORITY  
PO BOX 188  
RIVERSIDE, NJ 08075

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Office (856) 461-1460

Plant (856) 461-0700

Fax (856) 461-0428

ACTIVITIES REPORT August/September 2018

New Plant Employee Anthony Daddino started employment August 6, 2018.

Maintenance was performed on the Supernate Overflow line for the Primary Digester.

The Flamecheck was installed on the Biogas Pressure Regulator Vent line by RSA.

The Jet/Vac was taken to the County Bridge Commission for routine maintenance.

CDL training on the Jet/Vac was conducted.

Plumbers for the Watch Case Project were onsite for lateral relocation information. They were directed to contact the Authority and/or the Authority's Secretary with the proposed connection plans. Collection Maps of the area were issued.

The Collection Report for August was completed.

A quotation on the replacement of the Motor for Grit Chamber #1 Comminutor was requested from Willier Electric.

A quotation on the replacement of the 4-20 ma Isolator for Raw Sewer Pump #3 was requested from Willier Electric.

Correspondence for Eddie B. Plumbing was received notifying RSA the replaced Hot Water Heater for Building 1 required inspection from the Township. An inspection date was arranged by RSA. Permit #18-0132.

Brandon Johnston attended his CDL Driving Exam. Unfortunately he did not obtain his license.

The quotation on the Motor for Grit Chamber #1 Comminutor was received from Willier Electric. [\$410.25] RSA will install.

The quotation on the 4-20 ma Isolator [\$356.00] for Raw Sewer Pump #3 was received from Willier Electric. Before the isolator is replaced Willier Electric will verify the isolator isn't operating as designed.

The invoice for the Clariflocculator #1 repairs was received by email from Shaft and Sleeves [\$1, 420.00]. The invoice was submitted to the billing department.

Maintenance on the squeegee material for the Clariflocculator #1 scrapper arm was performed. Clariflocculator #1 will be returned to service after the tank is filled and test ran.

Maintenance repairs on Air Lift #4 and Air Lift #1 for Sand Filter #2 were performed by RSA. Sand Filter #2 was returned to service. The NJDEP Case # is 180811131344.

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RSA has completed the repairs to Grit Chamber #1 and the GC was returned to service. The NJDEP Case # is 180811131730.

Willier Electric was onsite of Hooker Street Pump Station to complete the Level Probe repairs.

Willier Electric inspected the flow matching issues with Raw Sewer Pump #3. The isolator needs replacement and there may be an issue with the VFD. More testing equipment is required and Willier Electric will return.

Routine maintenance was performed on Raw Sewer Pump #3.

Clariflocculator #1 was returned to service. The NJDEP Case # is 180814084656.

An employee was brought in at 6:00 AM for the Hot Water Heater for Building 1 inspection. The Hot Water Heater passed inspection.

New squeegee material for the Primary Clarifier was received from Burtuk.

Mr Weiss was notified by email he needs to present a drawing of his proposed lateral connection to the Authority.

Grit Chamber #1 was removed from service. The motor for the comminutor needs replacement. The NJDEP out of service case # is 180820124533.

A new motor for the comminutor was ordered from Willier Electric. RSA will pick up the motor.

RSA picked the motor for the comminutor from Willier Electric, but had to return the motor because the mounting was wrong.

Tony received his Safety Boots from Carl's Shoes as per the contract.

Training on removing the Comminutor #1 motor was conducted.

RSA picked up the correct motor for the comminutor from Willier Electric.

The motor for the comminutor #1 was replaced by RSA. The motor and Comminutor is now operating as designed. The return to service NJDEP Case # is 180821120035.

Contech was onsite at the Plant to correct SCADA alarm issues.

An Associate for Pennoni Engineering was onsite at the Plant for a half hour August 22, 2018 for a SCADA punch list inspection.

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Maintenance on the Level Transducer for the Lichtenthal Pump Station was performed. The Level Transducer is now operating as designed.

RSA replaced the faulty battery for the generator at Lichtenthal Pump Station.

Maintenance on compressor #2 for the Sand Filters was performed. The air line from the compressor to the air tank was replaced.

*Handwritten signature*

**INSPECTIONS:**

Mr. Horton had no report.

**SUPERINTENDENT'S REPORT:**

Superintendent Bader reported that Laborer Brandon Johnston successfully passed his CDL License Exam, that he has been in correspondence with representatives from the Watchcase Building regarding a new connection and the Authority approved the replacement of the 4-20 ma Isolator for Raw Sewer Pump #3 and the replacement of the motor for Grit Chamber #1 Comminutor.

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

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

**ENGINEER'S REPORT:**

The Engineer's Report was submitted. There were no questions or concerns presented.

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

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

**MONTHLY FINANCIAL REPORT:**

Treasurer Jack briefly explained the bill listing.

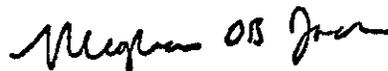
**BILLS AND EXPENDITURES:**

**Motion made by Mr. Van Meter, seconded by Mr. Mingin that all bills and expenditures be paid along with check #2660 which was tabled on August 13, 2018 in the amount of \$629450 to Pennoni Engineering, carried.**

**PUBLIC PORTION (INFORMATIONAL)**

In seeing that no members of the public were present Public Portion was not opened.

**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 Haman.**




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Meghan Jack, Assistant Secretary

MJ/smd