

Monday Afternoon
Riverside, NJ
April 8, 2019
Regular Meeting
4:37pm

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 13, 2019.
2. Written notice was delivered to the Burlington County Times and the Courier Post on February 13, 2019.
3. Filed written notice with the Clerk of the Township of Riverside on February 13, 2019.

The regular meeting of the Riverside Sewerage Authority was held on the above date at the Riverside Township Administrative Office Building 237 S. Pavilion Avenue Riverside, NJ 08075.

ROLL CALL

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

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

APPROVAL OF MINUTES:

Motion made by Mr. Van Meter and Mr. Conard that the minutes of the Work Session Meeting of March 11, 2019 and the Regular Meeting of March 11, 2019 be approved as written carried.

PUBLIC PORTION – (TECHNICAL):

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

OLD BUSINESS:

- 1) SJM Riverside (Taubel Mills) – No update.
- 2) NJWEA 104th Annual Conference and Exposition May 6, 2019 – May 10, 2019.
- 3) Financial Disclosure Statements must be filed by April 30, 2019.
- 4) CWA Local 1036 negotiations.
- 5) Camera Truck – Will be advertised. The bid due date will be on May 8, 2019.
- 6) Responding to Fire Calls during working hours – Mr. Horton requested to review the Fire Call Policy. Mr. Horton stated his concerns that there are two employees that respond to fires under another fire company than the Riverside Fire Company. Mr. Horton stated that when the Riverside Sewerage Authority implemented the Standard Operation Procedure for responding to fire calls, the Authority met with the Chief of the Riverside

Fire Company. Mr. Horton questioned who is responsible regarding liability issues for these two employees when they are responding? Treasurer Jack responded that the fire company that the employees are volunteering for would be responsible and that the Riverside Sewerage Authority does not need do to anything since this would fall under "Mutual Aid." Mr. Horton questioned if this would apply to Riverside Sewerage Authority vehicles that are used to respond? Assistant Superintendent Conard replied that the employees do not take Authority Vehicles when responding and that every call is subject to the approval and discretion of the Plant Superintendent. Mr. Horton questioned if an employee is a volunteer in another town such as Beverly City or Burlington City, would they be allowed to respond? Treasurer Jack responded that the employees are limited to the tri-town area with the 08075 zip code. Mr. Horton questioned if the Standard Operating Procedure should be amended? The Authority answered in the affirmative. **Motion made by Mr. Van Meter, seconded by Mr. Horton to amend the Standard Operating Procedures to include responding to the 08075 zip code only.**

NEW BUSINESS:

- 1) Charles Vanesca – 1055 Fairview Street – Sewer backing up into bathtub. (Received call 3-13-19)
- 2) Pilar Wolfe – 128 Heulings Avenue – Toilet, tub, and kitchen sink gurgling and started to overflow, possible into shower. (Received call 3-18-19)
- 3) Lee Wojcelchowski – 721 Arndt Avenue – Water in basement, replacing sewer line, questioning if a piece can be replaced or does the entire line? (Received call 3-18-19)
- 4) Greg Turner – 203 S. Chester Avenue – Water backing up into property and into street. Root 24 came out and saw pooling by the main. (Received call 3-21-19)
- 5) Blair Faunce – 112 N. Pavilion Avenue Apt. B4 – Toilet backing up, please check main. (Received call 3-28-19)
- 6) Marie Diamond – 643 Bridgeboro Street – Couple of houses having issues. (Received 4-2-2-19)

ACTION:

None.

CORRESPONDENCE:

- 1) Riverside Township School District – George Conard Sr. Award – **Motion made by Messrs. Horton and Mingin to approve the donation of the George Conard Sr. Award carried.**
- 2) State of New Jersey, Department of Environmental Protection – NJDEPS Permit.

REPORTS:

PLANT:

Mr. Conard reported that the Superintendent will give the report.

APPEALS:

Mr. Mingin had no report.

REVENUE AND FINANCE:

Mr. Haman reported that CWA Contract negotiation are commencing.

STREETS:

Mr. Van Meter reported that the men performed 1496 feet of line maintenance.

INSPECTIONS:

Mr. Horton reported that the Authority is making progress.

SUPERINTENDENT'S REPORT:

Superintendent Bader reported that four emergent conditions existed at the Plant: the VFD for Raw Sewer Pump #2 in which Willier Electric was contacted for repair, the Sludge Recirculation #2 Pump for the Primary Digester in with Shafts and Sleeves was contacted for repair, the radiator for the 75w back-up generator failed and required repair, and the radiator for the back-up radiator and the Lichtenthal Pump Station failed and required repair. Superintendent Bader also reported that PACE Analytical was contracted to perform the analysis of the Plant's permitted parameter.

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 submitted. There were no questions or concerns presented.

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

Motion made by Mr. Conard, seconded by Mr. Van Meter to accept the Engineer's Report. Upon roll call the vote was as follows: Ayes – Messrs. Conard, Van Meter, Mingin and Haman. Nays – Mr. Horton. Motion carried.

MONTHLY FINANCIAL REPORT:

Treasurer Jack reported that the Audit cannot be released until the GASB is released from the State.

BILLS AND EXPENDITURES:

Motion made by Mr. Horton, seconded by Mr. Van Meter that all bills and expenditures for the month of April 2019 be paid carried.

PUBLIC PORTION (INFORMATIONAL)

Chairman Haman opened the Public Portion (Informational).

**RIVERSIDE SEWERAGE AUTHORITY
PLANT OPERATOR'S REPORT
AUTHORITY MEETING - April 8, 2019**

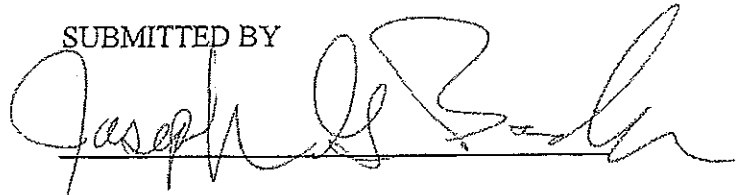
1. The Plant Performance Summary for February, 2019 is attached for review. The Effluent TSS removal efficiency percentage was in violation of the discharge permit. Due to Laboratory error. The Residuals [Sludge] Management Summary for February, 2019 is also attached for review. Dewatered sludge [25 yds] was removed by the Woolston Company for composting at the County facility.
2. The Trouble Log Summary for March, 2019 is attached for review.

One Property was reported to the NJDEP for a lateral vent overflow this reporting period.
a) 4 Henry Street. NJDEP Case # 190319151013.
3. The Line Maintenance Summary for March, 2019 is attached for review.
4. Measurements taking on April 5, 2019 for the Secondary Digester are North 8", South 13 1/2", East 10", and West 12". There is a 4" tilt to the digester cover currently.
5. An emergency condition existed at the Plant with the VFD for Raw Sewer Pump #2. Willier Electric was contacted for the VFD replacement and the RSP is now operating as designed as of the writing of this report. The estimated cost for the VFD replacement is [\$ 6000.00].
6. An emergency condition existed at the Plant with the Sludge Recirculation #2 Pump for the Primary Digester. Shafts and Sleeves was contacted for the repairs, which aren't complete as of the writing of this report. The estimated cost for the pump repairs are [\$ 5000.00]. The sludge spill from the pump was reported to the NJDEP and the case # is 190327150303.
7. An emergency condition existed at the Plant with the 75kw Backup Generator. The Radiator for the 75kw generator required immediate repairs. The generator is now operating as designed as of the writing of this report. The estimated cost for the radiator repairs are [\$ 1885.00].
8. An emergency condition existed at Lichtenthal Pump Station. The Radiator for the Backup Generator required immediate repairs. The generator is now operating as designed as of the writing of this report. The estimated cost for the radiator repairs are [\$ 1560.00].
9. The Sludge Pump Station pump replacement project has not been completed as of the writing of this report.
10. Pace Analytical was contracted to analysis the Plant's permitted parameters.
11. The NJDEP conducted a three year audit of the Plant's Laboratory. [The audit report is attached for review].
12. Pump 2 for Pump Station #1 has not returned from Willier Electric as of the submission of this report. The pump required rebuilding.

**RIVERSIDE SEWERAGE AUTHORITY
PLANT OPERATOR'S REPORT
AUTHORITY MEETING - April 8, 2019**

13. There were BOD5 & TSS effluent violations in January 2018. RSA believed these violations to be Lab errors with Eurofin Labs and reported these violations as such on the January's DMR's. The RSA Affirmative Defense for the violations may not be approved, which may result in a NJDEP fine. [No further information was received during this reporting period].

SUBMITTED BY

A handwritten signature in black ink, appearing to read "Joseph G. Bader", written over a horizontal line.

JOSEPH G. BADER
SUPERINTENDENT

PLANT PERFORMANCE SUMMARY

February 2019

PARAMETER	PERMIT	REPORTED	PARAMETER	PERMIT	REPORTED
FLOW, EFFLUENT			NITRATE (AS N), EFFLUENT		
Monthly Avg	Report	0.873 MGD	Mon Avg Conc	Report	0.000 MG/L
Daily Maximum	Report	1.111 MGD	Daily Max Conc	Report	0.000 MG/L
FLOW, INFLUENT			E. COLI		
Mon Avg Conc	Report	0.982 MGD	Monthly Avg	Report	13.416 /100ML
Weekly Avg Conc	Report	1.186 MGD	Instant Max	Report	20.000 /100ML
5 DAY BOD, INFLUENT			FECAL COLIFORM, EFFLUENT		
Mon Avg Conc	Report	165.00 MG/L	Monthly Avg	200/100ML	2.000 /100ML
Weekly Avg Conc	Report	182.00 MG/L	Weekly Avg	400/100ML	2.000 /100ML
5 DAY BOD, EFFLUENT			BIOASSAY, EFFLUENT		
Mon Avg Loading	98 KG/D	20.62 KG/D	LC50 96 hr Acute	50%	0.000 %
Weekly Avg Loading	147 KG/D	24.81 KG/D	IC25 7 day Chronic	Report	0.000 %
Mon Avg Conc	30 MG/L	6.56 MG/L	CHLORINE PRODUCED OXIDANTS, EFFLUENT		
Weekly Avg Conc	45 MG/L	7.21 MG/L	Mon Avg Conc	Report	0.010 MG/L
5 DAY BOD REMOVAL EFFICIENCY			Daily Max Conc	Report	0.010 MG/L
Mon Avg Minimum	88.5%	96.01 %	TEMPERATURE, INFLUENT		
pH, INFLUENT			Minimum	Report	12.40 DEG C
Minimum	Report	6.55 S.U.	Monthly Avg	Report	13.75 DEG C
Maximum	Report	7.32 S.U.	Maximum	Report	16.00 DEG C
pH, EFFLUENT			TEMPERATURE, EFFLUENT		
Minimum	6.00 S.U.	5.24 S.U.	Minimum	Report	10.60 DEG C
Maximum	9.00 S.U.	7.37 S.U.	Monthly Avg	Report	12.91 DEG C
TOTAL SUSP SOLIDS, INFLUENT			Maximum	Report	17.70 DEG C
Mon Avg Conc	Report	150.67 MG/L	DISSOLVED OXYGEN, EFFLUENT		
Weekly Avg Conc	Report	250.00 MG/L	Wkly Avg Conc [Min]	4.0 MG/L	6.05 MG/L
TOTAL SUSP SOLIDS, EFFLUENT			PHOSPHOROUS, EFFLUENT		
Mon Avg Loading	113 KG/D	29.60 KG/D	Mon Avg Conc	Report	3.60 MG/L
Weekly Avg Loading	170 KG/D	34.16 KG/D	Weekly Avg Conc	Report	3.60 MG/L
Mon Avg Conc	30 MG/L	9.92 MG/L	COPPER, EFFLUENT		
Weekly Avg Conc	45 MG/L	13.40 MG/L	Mon Avg Conc	Report	0.00 MG/L
TOTAL SUSP SOLIDS REMOVAL EFFICIENCY			Daily Max Conc	Report	0.00 MG/L
Mon Avg Minimum	85.0%	92.44 %	ZINC, EFFLUENT		
OIL & GREASE, EFFLUENT			Mon Avg Conc	Report	0.00 MG/L
Mon Avg Conc	10 MG/L	0.00 MG/L	Daily Max Conc	Report	0.00 MG/L
Daily Max Conc	15 MG/L	1.40 MG/L	Total Dissolved Solids, Effluent		
AMMONIA NITROGEN (NOV-APR), EFFLUENT			Mon Avg Conc	Report	328.00 MG/L
Mon Avg Loading	75.7 KG/D	0.835 KG/D	Daily Max Conc	Report	328.00 MG/L
Daily Max Loading	151.4 KG/D	1.631 KG/D			
Mon Avg Conc	20 MG/L	0.363 MG/L			
Daily Max Conc	40 MG/L	0.860 MG/L			

Code = N Not Required This Monitoring Period
 #DIV/OI = No Data Required This Month
 0.0000 = Not Required This Monitoring Period
 LC50 96 hr Acute Required 1/6 months
 IC25 7 day Chronic Required 1/ 12 Monthes

RESIDUALS MANAGEMENT SUMMARY

February 2019

SLUDGE PRODUCED		RAW SLUDGE	
Total Gallons	567000.00 gal	% Total Solids, minimum	1.90 %
Average Gallons/Day	19551.72 gpd	% Total Solids, average	2.90 %
Total Dry Tons	68.51 dt	% Total Solids, maximum	3.40 %
Average Dry Tons/Day	2.36 dt/d	% Total Volatile Solids, minimum	85.29 %
Total Metric Tons	62.21 mt	% Total Volatile Solids, average	86.68 %
Average Metric Tons/Day	2.15 mt/d	% Total Volatile Solids, maximum	89.47 %
		pH minimum	5.21 s.u.
		pH maximum	6.43 s.u.
LIQUID SLUDGE REMOVED			
Total Gallons	0.00 gal	sludge sample temperature, min	12.50 C
Average Gallons/Day	0.00 gpd	sludge sample temperature, avg	13.70 C
Total Dry Tons	N.R. dt	sludge sample temperature, max	15.00 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	0.00 %	% Total Solids, maximum	0.00 %
% Total Solids, Maximum	0.00 %	% Total Volatile Solids, minimum	0.00 %
pH, Minimum	0.00 s.u.	% Total Volatile Solids, average	0.00 %
pH, Maximum	0.00 s.u.	% Total Volatile Solids, maximum	0.00 %
		pH minimum	0.00 s.u.
		pH maximum	6.80 s.u.
DEWATERED SLUDGE REMOVED			
Total Gallons to Belt Press	567000.00 gal	sludge sample temperature, min	15.80 C
Average Gallons/Day	19551.72 gpd	sludge sample temperature, avg	0.00 C
% Total Solids, minimum	0.00 %	sludge sample temperature, max	19.10 C
% Total Solids, average			
% Total Solids, maximum	0.00 %	SECONDARY DIGESTER SLUDGE	
% Total Volatile Solids, minimum	0.00 %	% Total Solids, minimum	1.50 %
% Total Volatile Solids, average		% Total Solids, average	0.00 %
% Total Volatile Solids, maximum	0.00 %	% Total Solids, maximum	1.70 %
Total Wet Cubic Yards	25.00 cu yd	% Total Volatile Solids, minimum	70.58 %
Average Wet Cubic Yards	0.83 cy/d	% Total Volatile Solids, average	0.00 %
Total Dry Metric Tons		% Total Volatile Solids, maximum	76.47 %
Average Dry Metric Tons a Day		pH minimum	0.00 s.u.
		pH maximum	0.00 s.u.
		sludge sample temperature, min	0.00 C
		sludge sample temperature, avg	#DIV/0! C
		sludge sample temperature, max	0.00 C
OPERATIONS			
Heat Exchange, Temp In, min	68.00 F	VOLATILE SOLIDS REDUCTION	
Heat Exchange, Temp In, avg	84.00 F	Raw to Secondary Digester, minimum	43.95 %
Heat Exchange, Temp In, max	92.00 F	Raw to Secondary Digester, average	56.10 %
Heat Exchange, Temp Out, min	7.00 F	Raw to Secondary Digester, maximum	71.76 %
Heat Exchange, Temp Out, avg	69.57 F		
Heat Exchange, Temp Out, max	80.00 F		
Detention Time, Primary Digester	6.14 days		
Detention Time, Secondary Digester	5.11 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

March 2019 Trouble Log Summary

Date	Report #	Address	Condition(s) Reported	Condition(s) Found	Disposition
3/5/2019	2019-028	500 BLOCK CLEVELAND AVENUE	Line inspection	Main slow	Flush/vac/foot cut sewer main
3/6/2019	2019-029	200 BLOCK WHITTAKER STREET	Line inspection	Main slow	Flush/vac/foot cut sewer main
3/7/2019	2019-030	37 W. HANCOCK STREET	Markout request	Main clear	Markout main/lateral/vent
3/7/2019	2019-031	NEW JERSEY AVENUE	Markout request	Main clear	Markout main/lateral/vent
3/7/2019	2019-032	124 DELAWARE AVENUE	Markout request	Main clear	Markout main/lateral/vent
3/7/2019	2019-033	136 S. FAIRVIEW STREET	Markout request	Main clear	Flush/vac/foot cut sewer main
3/11/2019	2019-034	123 KOSSUTH STREET	Slow/no drainage	Main clear	Notified owner/tenant
3/12/2019	2019-035	600 BLOCK KOSSUTH STREET	Line inspection	Main slow	Flush/vac/foot cut sewer main
3/13/2019	2019-036	1055 FAIRVIEW STREET	Backflow into property	Main clear	Notified owner/tenant
3/18/2019	2019-037	128 HEULINGS AVENUE	Backflow into property	Main clear	Notified owner/tenant
3/19/2019	2019-038	300 BLOCK GREENWOOD AVENUE	Markout request	Main clear	Markout main/lateral/vent
3/19/2019	2019-039	800 BLOCK DELAWARE AVENUE	Markout request	Main clear	Markout main/lateral/vent
3/19/2019	2019-040	220-226 FILMORE STREET	Markout request	Main clear	Markout main/lateral/vent
3/19/2019	2019-041	652 TAYLOR STREET	Markout request	Main clear	Markout main/lateral/vent
3/19/2019	2019-042	4 WEST SCOTT STREET	Markout request	Main clear	Markout main/lateral/vent
3/19/2019	2019-043	300 BLOCK DELAWARE AVENUE	Markout request	Main clear	Markout main/lateral/vent
3/19/2019	2019-044	400 BLOCK DELAWARE AVENUE	Markout request	Main clear	Markout main/lateral/vent
3/19/2019	2019-045	500 BLOCK DELAWARE AVENUE	Markout request	Main clear	Markout main/lateral/vent
3/19/2019	2019-046	600 BLOCK DELAWARE AVENUE	Markout request	Main clear	Markout main/lateral/vent
3/19/2019	2019-047	700 BLOCK DELAWARE AVE	Markout request	Main clear	Markout main/lateral/vent

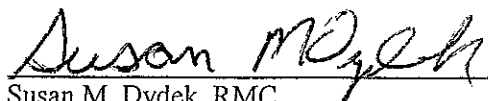
Date	Report #	Address	Condition(s) Reported	Condition(s) Found	Disposition
3/19/2019	2019-048	400 BLOCK EIGHTH STREET	Markout request	Main clear	Markout;main/lateral/vent
3/19/2019	2019-049	4 HENRY STREET	Vent overflow	Main clear	Notified owner/tenant
3/19/2019	2019-051	200 BLOCK DELAWARE AVENUE	Markout request	Main clear	Markout main/lateral/vent
3/21/2019	2019-050	203 S. CHESTER AVENUE	Slow/no drainage	Main slow	Flush/vac/foot cut sewer main
3/26/2019	2019-052	201 PULASKI AVENUE	Markout request	Main clear	Markout main/lateral/vent
3/26/2019	2019-053	721 ARNDT AVENUE	Markout request	Main clear	Markout main/lateral/vent
3/28/2019	2019-054	112 N. PAVILLION AVENUE	Backflow into property	Main clear	Notified owner/tenant
3/30/2019	2019-055	229 DELAWARE AVENUE	Markout request	Main clear	Markout main/lateral/vent

March 2019 Line Maintenance Summary

Date	Report #	Location	Section	Diameter	Distance	Remarks
3/13/2019	2019-0004	Pulaski Ave.	25-32	8"	370	FOUND GRIT & ROCKS
3/13/2019	2019-0005	Pulaski Ave.	26-25	8"	285	FOUND GRIT & ROCKS
3/13/2019	2019-0006	Pulaski Ave.	18-26	8"	181	FOUND GRIT & ROCKS
3/13/2019	2019-0007	Adams St.	18-19	8"	300	FOUND GRIT & ROCKS
3/13/2019	2019-0008	Pulaski Ave.	13-18	8"	360	FOUND GRIT & ROCKS

In seeing no members of the public present, motion made by Mr. Conard to close the Public Portion (Informational) seconded by Mr. Van Meter carried.

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


Susan M. Dydek, RMC
Authority Secretary

Riverside Sewerage Authority

