Agenda

January 21, 2020
3261 Lancaster Hwy
Richburg, SC 29729
6:00pm

I. Call Meeting to Order

II. Invocation

III. Pledge of Allegiance

IV. Approval of Last Meeting Minutes

V. Old Business

- **a.** WWTP Update - Mr. Tony Young
- **b.** Pretreatment Update - Mrs. Devon Beaty-Bagley
- **c.** Maintenance Update - Mr. J. Michael Hunter
- **d.** Project Updates - Mr. Phillip A. Thompson-King

VI. New Business

- **a.** FEMA Grant Acceptance - Mr. Phillip A. Thompson-King
- **b.** Approve Engineering Design Contract - Mr. Phillip A. Thompson-King

VII. Reports

- **a.** Financial Statement - Mr. Joel Manning

VIII. Adjourn

Chester County Wastewater Recovery

Commission Meeting
January 21, 2020

The Chester Sewer District held its monthly Board of Commissioners Meeting on Tuesday, January 21st, 2020 at 6:00 PM at Chester County Wastewater Recovery located at 3261 Lancaster Highway, Richburg, SC. Commissioners in attendance were Tony Pope, Chairman; Edena Sanders, Secretary; Gloria Crank, Board Member; Hal Stone, Board Member; Bill Bundy, Board Member; Phillip A. Thompson-King, Executive Director; Joel Manning, Finance Analyst; Devon Beaty-Bagley, Pretreatment Coordinator; Tony Young, WWTP Operations Superintendent (Lando-Manetta, Rocky Creek, and Sandy River); Yashica Evans, CSD Executive Assistant; Arthur Gaston, Attorney; Everett Stubbs, Attorney. Notification of this meeting was given in the Chester News & Reporter, and on the bulletin board at the Administrative Office.

Invocation – Chairman Tony Pope

Pledge of Allegiance

The Minutes from the December 19, 2019 meeting were approved.

A motion to approve the minutes was made by Bill Bundy, second by Hal Stone, and unanimously approved.

Chairman Pro-tem Bill Bundy called for Old Business:

WWTP Report - Mr. Tony Young presented reports for December 2019. A copy of the report is attached to the minutes.

Pre-Treatment - Mrs. Devon Beaty-Bagley presented reports for December 2019. A copy of the report is attached to the minutes.

Maintenance Report - The December 2019 Maintenance Report was accepted as information. A copy of the report is attached to the minutes.

Project Updates- Mr. Thompson-King presented reports for December 2019. A copy of the report is attached to the minutes.

***A motion to sign the engagement letter from Raftelis to administer an industrial fee rate tier, was made by Gloria Crank, second by Bill Bundy, and unanimously approved. ***

Note: All Old Business Reports were accepted by *Unanimous Consent.*

Chairman Tony Pope called for New Business:

FEMA Grant Acceptance:

Mr. Thompson-King informed the Board of a new FEMA Grant for auxiliary power (generators) for the Haddon House and Joe Caldwell Pump Stations and requested a motion of acceptance.

A motion to accept the FEMA Grant was made by Bill Bundy, second by Gloria Crank, and unanimously approved.

Approve Engineering Design Contract:

The need for an Engineering Design Contract for the Joe Caldwell Pump Station was discussed by Mr. Thompson-King. He requested a permission to negotiate an Engineering Design Contract.

Motion to give Mr. Thompson-King the authority to negotiate a price not to exceed the amount of $20,000 for the Engineering Design for the Joe Caldwell Pump Station was mas made by Hal Stone, second by Edena Sanders.

Chairman Tony Pope called for the Reports:

Financial Statement- Joel Manning presented the report for December 2019. A copy of the report is attached to the minutes.

Adjourn:

Motion to adjourn was made by Hal Stone, second by Bill Bundy, and unanimously agreed.

Approved: **Respectfully Submitted:**

Date: March 10, 2020 By: **Yashica Evans**

January 21, 2020

Memorandum

To: Phillip A. Thompson-King
From: Tony Young
Subject: Monthly Reports for Plant Operations

Sandy River

Sandy River plant overall is operating well.

The following a listing of completed tasks for December 2019/January 2020:

- Performed daily and weekly sampling
- Performed routine maintenance
- Wasted 103,066 gallons sludge
- Dewatered 117,282
- Bypassed and drained grit structure

Rocky Creek

Rocky Creek plant overall is operating well.

The following a listing of completed tasks for December 2019/January 2020:

- Performed daily and weekly sampling
- Performed routine maintenance
- Wasted 101,000 gallons
- Dewatered 60,000 gallons
- Pulled #1 drying bed

Lando/Manetta

Lando/Manetta plant overall is operating well.

The following a listing of completed tasks for December 2019/January 2020:

- Performed daily and weekly sampling
- Performed routine maintenance
- Wasted 12,975 gallons
- Dewatered 13,068 gallons

Economic Development:

Sewer Availability/ Locate Responses (Residential): 2

Training:

n/a

Compliance:

Boral Stone Annual Inspection

Working with Specialty Polymers on white foam issue

Issued new permits for Jones-Hamilton, Specialty Polymers, and Sunfiber

Worked with Footprints on a compliance issue

Conference call with Pace Analytical about BOD GGA results reporting issue

FOG (Fats, Oils, Greases) and Pollution Prevention:

Discussion with City of Sumter on their FOG program

Other

WEASC Executive Committee meeting

CHESTER COUNTY WASTEWATER RECOVERY
MAINTENANCE WORK REPORT
FY 2019-2020

Month of December 2019

Line Maintenance		JULY 2019	AUG 2019	SEPT 2019	OCT 2019	NOV 2019	DEC 2019	JAN 2019	FEB 2019	MAR 2019	APR 2019	MAY 2019	JUN 2019	Total to Date	Average
Check for Problem	HOURS	52.0	47.0	29.0	56.0	49.0	52.0	22.0	55.0	7.0	53.0	88.0	28.0	538.0	44.8
	TIMES	11.0	6.0	6.0	10.0	8.0	9.0	5.0	7.0	4.0	7.0	11.0	8.0	92.0	7.7
Check Service	HOURS	10.0	10.0	2.0	0.0	6.0	24.0	17.0	24.0	38.0	4.0	19.0	0.0	154.0	12.8
	TIMES	1.0	1.0	1.0	0.0	1.0	7.0	3.0	3.0	7.0	2.0	5.0	0.0	31.0	2.6
Rod Service	HOURS	0.0	20.0	29.0	24.0	56.0	71.0	80.0	45.0	86.0	13.0	28.0	18.0	470.0	39.2
	TIMES	0.0	3.0	7.0	3.0	10.0	14.0	10.0	9.0	13.0	4.0	5.0	3.0	81.0	6.8
Replace Service	HOURS	0.0	0.0	0.0	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	60.0	5.0
	TIMES	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.1
Repair Service	HOURS	12.0	0.0	16.0	12.0	0.0	6.0	25.0	1.0	4.0	49.0	0.0	0.0	125.0	10.4
	TIMES	1.0	0.0	1.0	1.0	0.0	1.0	1.0	1.0	1.0	2.0	0.0	0.0	9.0	0.8
Install Clean-Out	HOURS	0.0	0.0	25.0	30.0	0.0	55.0	0.0	0.0	0.0	40.0	0.0	78.0	228.0	19.0
	TIMES	0.0	0.0	1.0	1.0	0.0	2.0	0.0	0.0	0.0	1.0	0.0	2.0	7.0	0.6
Locate Service	HOURS	10.0	0.0	0.0	0.0	27.0	11.0	44.0	0.0	0.0	0.0	15.0	0.0	107.0	8.9
	TIMES	1.0	0.0	0.0	0.0	2.0	4.0	4.0	0.0	0.0	0.0	2.0	0.0	13.0	1.1
Check Main	HOURS	0.0	0.0	0.0	4.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.8
	TIMES	0.0	0.0	0.0	2.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.3
Rod Main	HOURS	2.0	10.0	20.0	60.0	71.0	43.0	80.0	23.0	64.0	23.0	46.0	21.0	463.0	38.6
	TIMES	1.0	1.0	4.0	5.0	6.0	6.0	6.0	2.0	7.0	2.0	4.0	3.0	47.0	3.9
Repair Main	HOURS	48.0	0.0	24.0	96.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	32.0	200.0	16.7
	TIMES	1.0	0.0	1.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	5.0	0.4
Manhole Work	HOURS	56.0	20.0	33.0	65.0	30.0	52.0	0.0	8.0	12.0	18.0	17.0	70.0	381.0	31.8
	TIMES	3.0	2.0	2.0	9.0	4.0	4.0	0.0	1.0	1.0	1.0	2.0	2.0	31.0	2.6
Road Work	HOURS	0.0	5.0	6.0	17.0	94.0	28.0	24.0	0.0	0.0	0.0	18.0	6.0	198.0	16.5
	TIMES	0.0	1.0	1.0	2.0	5.0	5.0	1.0	0.0	0.0	0.0	1.0	1.0	17.0	1.4
Landscape Work Area	HOURS	0.0	0.0	0.0	0.0	18.0	6.0	15.0	1.0	8.0	13.0	0.0	4.0	65.0	5.4
	TIMES	0.0	0.0	0.0	0.0	1.0	1.0	1.0	1.0	1.0	2.0	0.0	1.0	8.0	0.7
Cut Right-of-Way	HOURS	0.0	89.0	137.0	185.0	0.0	140.0	0.0	0.0	0.0	0.0	40.0	0.0	591.0	49.3
	TIMES	0.0	5.0	9.0	8.0	0.0	7.0	0.0	0.0	0.0	0.0	3.0	0.0	32.0	2.7
Other	HOURS	62.0	20.0	0.0	22.0	63.0	39.0	15.0	1.0	0.0	0.0	11.0	1.0	234.0	19.5
	TIMES	2.0	2.0	0.0	2.0	2.0	5.0	1.0	1.0	0.0	0.0	2.0	1.0	18.0	1.5
													1.0		
Total Hours		252.0	221.0	321.0	571.0	474.0	533.0	322.0	158.0	219.0	213.0	282.0	258.0	3824.0	318.7
Total Times		21.0	21.0	33.0	45.0	40.0	66.0	32.0	25.0	34.0	21.0	35.0	22.0	395.0	32.9

CHESTER COUNTY WASTEWATER RECOVERY
MAINTENANCE WORK REPORT
FY 2019-2020

Month of December 2019

Pump Station Maintenance		JULY 2019	AUG 2019	SEPT 2019	OCT 2019	NOV 2019	DEC 2019	JAN 2019	FEB 2019	MAR 2019	APR 2019	MAY 2019	JUN 2019	Total to Date	Average
Check Chester Station	HOURS	24.0	44.0	34.0	29.0	51.0	29.0	44.0	28.0	36.0	44.0	48.0	27.0	438.0	36.5
	TIMES	3.0	5.0	4.0	3.0	5.0	3.0	4.0	3.0	3.0	4.0	4.0	2.0	43.0	3.6
Check Richburg Station	HOURS	32.0	52.0	38.0	29.0	48.0	30.0	48.0	32.0	36.0	44.0	48.0	22.0	459.0	38.3
	TIMES	3.0	5.0	4.0	3.0	5.0	3.0	4.0	3.0	3.0	4.0	4.0	2.0	43.0	3.6
Service Pumps	HOURS	56.0	19.0	38.0	15.0	0.0	0.0	0.0	0.0	0.0	20.0	22.0	15.0	185.0	15.4
	TIMES	2.0	3.0	4.0	2.0	0.0	0.0	0.0	0.0	0.0	1.0	2.0	1.0	15.0	1.3
Service Controls	HOURS	26.0	13.0	0.0	12.0	18.0	18.0	13.0	20.0	2.0	8.0	26.0	8.0	164.0	13.7
	TIMES	2.0	2.0	0.0	1.0	2.0	2.0	2.0	1.0	1.0	2.0	5.0	1.0	21.0	1.8
Other	HOURS	94.0	44.0	45.0	45.0	82.0	64.0	79.0	69.0	54.0	97.0	118.0	96.0	887.0	73.9
	TIMES	6.0	4.0	6.0	3.0	8.0	6.0	4.0	3.0	6.0	4.0	11.0	7.0	68.0	5.7
Total Hours		**232.0**	**172.0**	**155.0**	**130.0**	**199.0**	**141.0**	**184.0**	**149.0**	**128.0**	**213.0**	**262.0**	**168.0**	**2133.0**	**177.8**
Total Times		**16.0**	**19.0**	**18.0**	**12.0**	**20.0**	**14.0**	**14.0**	**10.0**	**13.0**	**15.0**	**26.0**	**13.0**	**190.0**	**15.8**
Preventive Maintenance															
Smoke Test	HOURS	8.0	5.0	0.0	0.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	32.0	2.7
	TIMES	1.0	1.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	4.0	0.3
Inspect Manholes	HOURS	8.0	43.0	66.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	102.0	0.0	219.0	18.3
	TIMES	1.0	6.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	0.0	23.0	1.9
Clean Manholes	HOURS	0.0	0.0	0.0	48.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	72.0	128.0	10.7
	TIMES	0.0	0.0	0.0	3.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	10.0	0.8
Clean Mains	HOURS	90.0	150.0	42.0	0.0	0.0	0.0	0.0	0.0	36.0	87.0	102.0	0.0	507.0	42.3
	TIMES	4.0	9.0	2.0	0.0	0.0	0.0	0.0	0.0	2.0	5.0	7.0	0.0	29.0	2.4
Check Right-of-Way	HOURS	0.0	0.0	0.0	25.0	12.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0	46.0	3.8
	TIMES	0.0	0.0	0.0	2.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.3
TV Lines	HOURS	109.0	40.0	4.0	0.0	0.0	10.0	68.0	10.0	16.0	28.0	51.0	35.0	371.0	30.9
	TIMES	5.0	1.0	1.0	0.0	0.0	3.0	3.0	1.0	3.0	2.0	4.0	4.0	27.0	2.3
Other	HOURS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	TIMES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Hours		**215.0**	**238.0**	**112.0**	**73.0**	**29.0**	**19.0**	**68.0**	**10.0**	**52.0**	**115.0**	**255.0**	**117.0**	**1303.0**	**108.6**
Total Times		**11.0**	**17.0**	**12.0**	**5.0**	**3.0**	**4.0**	**3.0**	**1.0**	**5.0**	**7.0**	**18.0**	**11.0**	**97.0**	**8.1**
New Taps															
Residential	HOURS	0.0	0.0	0.0	24.0	0.0	0.0	115.0	25.0	0.0	0.0	48.0	0.0	212.0	17.7
	TIMES	0.0	0.0	0.0	1.0	0.0	0.0	3.0	1.0	0.0	0.0	1.0	0.0	6.0	0.5
Commercial	HOURS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40.0	40.0	3.3
	TIMES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	0.1
Other	HOURS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	TIMES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Hours		**0.0**	**0.0**	**0.0**	**24.0**	**0.0**	**0.0**	**115.0**	**25.0**	**0.0**	**0.0**	**48.0**	**40.0**	**252.0**	**21.0**
Total Times		**0.0**	**0.0**	**0.0**	**1.0**	**0.0**	**0.0**	**3.0**	**1.0**	**0.0**	**0.0**	**1.0**	**1.0**	**7.0**	**0.6**

CHESTER COUNTY WASTEWATER RECOVERY
MAINTENANCE WORK REPORT
FY 2019-2020

Month of December 2019

Shop Maintenance		JULY 2019	AUG 2019	SEPT 2019	OCT 2019	NOV 2019	DEC 2019	JAN 2019	FEB 2019	MAR 2019	APR 2019	MAY 2019	JUN 2019	Total to Date	Average
Clean Trucks	HOURS	5.0	20.0	2.0	37.0	6.0	14.0	2.0	2.0	10.0	9.0	5.0	10.0	122.0	10.2
	TIMES	5.0	7.0	2.0	3.0	6.0	5.0	2.0	2.0	2.0	2.0	2.0	5.0	43.0	3.6
Check Equipment	HOURS	0.0	0.0	20.0	12.0	10.0	24.0	0.0	0.0	9.0	16.0	4.0	6.0	101.0	8.4
	TIMES	0.0	0.0	1.0	1.0	1.0	1.0	0.0	0.0	2.0	2.0	1.0	1.0	10.0	0.8
Service Equipment	HOURS	6.0	25.0	4.0	24.0	6.0	19.0	9.0	9.0	36.0	39.0	34.0	21.0	232.0	19.3
	TIMES	2.0	6.0	4.0	5.0	5.0	6.0	5.0	8.0	6.0	4.0	6.0	4.0	61.0	5.1
Grounds Maintenance	HOURS	8.0	5.0	1.0	17.0	73.0	8.0	12.0	6.5	75.0	8.0	3.0	11.0	227.5	19.0
	TIMES	1.0	1.0	1.0	3.0	3.0	3.0	1.0	7.0	6.0	3.0	3.0	2.0	34.0	2.8
Stock Supplies	HOURS	0.0	0.0	1.0	18.0	0.0	17.0	6.0	31.0	17.0	0.0	6.0	0.0	96.0	8.0
	TIMES	0.0	0.0	1.0	3.0	0.0	3.0	1.0	2.0	2.0	0.0	1.0	0.0	13.0	1.1
Re-Stock Trucks	HOURS	3.0	6.0	2.0	19.0	0.0	6.0	4.0	0.0	2.0	19.0	6.0	8.0	75.0	6.3
	TIMES	1.0	2.0	2.0	7.0	0.0	6.0	1.0	0.0	2.0	3.0	3.0	3.0	30.0	2.5
Haul Spoil Dirt	HOURS	0.0	0.0	0.0	16.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26.0	2.2
	TIMES	0.0	0.0	0.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.2
Check Alarm	HOURS	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	4.0	0.3
	TIMES	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	2.0	0.2
Other	HOURS	15.0	5.0	3.0	1.0	18.0	19.0	13.0	152.0	8.0	21.0	9.0	7.0	271.0	22.6
	TIMES	7.0	5.0	3.0	1.0	2.0	4.0	13.0	11.0	5.0	12.0	4.0	7.0	74.0	6.2
Total Hours		**37.0**	**61.0**	**33.0**	**144.0**	**123.0**	**107.0**	**50.0**	**200.5**	**157.0**	**112.0**	**67.0**	**63.0**	**1154.5**	**96.2**
Total Times		**16.0**	**21.0**	**14.0**	**24.0**	**18.0**	**28.0**	**25.0**	**30.0**	**25.0**	**26.0**	**20.0**	**22.0**	**269.0**	**22.4**
Inspections															
New Services	HOURS	0.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0	9.0	0.0	0.0	17.0	1.4
	TIMES	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	5.0	0.0	0.0	9.0	0.8
Repair Existing Service	HOURS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	TIMES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
New Construction	HOURS	30.0	24.0	16.0	16.0	15.0	0.0	35.0	31.0	35.0	36.0	39.0	0.0	277.0	23.1
	TIMES	6.0	7.0	4.0	4.0	8.0	0.0	15.0	13.0	12.0	9.0	7.0	0.0	85.0	7.1
Rehab Existing	HOURS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	TIMES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other-Grease traps	HOURS	16.0	20.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	37.0	3.1
	TIMES	2.0	3.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	0.5
Total Hours		**46.0**	**44.0**	**16.0**	**17.0**	**15.0**	**0.0**	**43.0**	**31.0**	**35.0**	**45.0**	**39.0**	**0.0**	**331.0**	**27.6**
Total Times		**8.0**	**10.0**	**4.0**	**5.0**	**8.0**	**0.0**	**19.0**	**13.0**	**12.0**	**14.0**	**7.0**	**0.0**	**100.0**	**8.3**

CHESTER COUNTY WASTEWATER RECOVERY
MAINTENANCE WORK REPORT
FY 2019-2020

Month of December 2019

Plant Maintenance		JULY 2019	AUG 2019	SEPT 2019	OCT 2019	NOV 2019	DEC 2019	JAN 2019	FEB 2019	MAR 2019	APR 2019	MAY 2019	JUN 2019	Total to Date	Average
Clean Drying Beds	HOURS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	TIMES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Load Sludge	HOURS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	10.0	0.8
	TIMES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	0.1
Other	HOURS	85.0	88.0	20.0	49.0	0.0	33.0	0.0	20.0	52.0	30.0	56.0	18.0	451.0	37.6
	TIMES	3.0	5.0	2.0	3.0	0.0	3.0	0.0	1.0	3.0	1.0	3.0	3.0	27.0	2.3
Total Hours		**85.0**	**88.0**	**20.0**	**49.0**	**0.0**	**33.0**	**0.0**	**20.0**	**52.0**	**30.0**	**56.0**	**28.0**	**461.0**	**38.4**
Total Times		**3.0**	**5.0**	**2.0**	**3.0**	**0.0**	**3.0**	**0.0**	**1.0**	**3.0**	**1.0**	**3.0**	**4.0**	**28.0**	**2.3**
Line Locations															
Locate for Utilities	HOURS	0.0	0.0	0.0	0.0	1.0	0.0	2.0	0.0	1.0	0.0	0.0	0.0	4.0	0.3
	TIMES	0.0	0.0	0.0	0.0	1.0	0.0	1.0	0.0	1.0	0.0	0.0	0.0	3.0	0.3
Locate for Contractors	HOURS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	TIMES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other	HOURS	13.0	27.0	41.0	55.0	73.0	72.0	73.0	41.0	34.0	61.0	14.0	30.0	534.0	44.5
	TIMES	3.0	11.0	13.0	17.0	20.0	22.0	9.0	11.0	4.0	13.0	4.0	6.0	133.0	11.1
Total Hours		**13.0**	**27.0**	**41.0**	**55.0**	**73.0**	**72.0**	**75.0**	**41.0**	**35.0**	**61.0**	**14.0**	**30.0**	**537.0**	**44.8**
Total Times		**3.0**	**11.0**	**13.0**	**17.0**	**20.0**	**22.0**	**10.0**	**11.0**	**5.0**	**13.0**	**4.0**	**6.0**	**135.0**	**11.3**
Non-Category-Training	**HOURS**	**9.0**	**43.0**	**78.0**	**69.0**	**24.0**	**27.0**	**0.0**	**8.0**	**22.0**	**82.0**	**56.0**	**25.0**	**443.0**	**36.9**
	TIMES	**1.0**	**6.0**	**8.0**	**5.0**	**4.0**	**3.0**	**0.0**	**1.0**	**2.0**	**11.0**	**3.0**	**2.0**	**46.0**	**3.8**
Lost Time															
Sick Days	HOURS	88.0	28.0	16.0	16.0	8.0	33.0	30.0	69.5	61.0	12.0	40.0	42.0	443.5	37.0
	TIMES	12.0	4.0	2.0	2.0	1.0	4.0	6.0	9.0	10.0	2.0	5.0	7.0	64.0	5.3
Vacations	HOURS	152.0	40.0	72.0	48.0	32.0	88.0	48.0	72.0	126.0	51.0	16.0	120.0	865.0	72.1
	TIMES	19.0	5.0	9.0	6.0	4.0	11.0	6.0	9.0	20.0	7.0	2.0	16.0	114.0	9.5
Holidays	HOURS	48.0	0.0	48.0	0.0	168.0	168.0	96.0	48.0	0.0	48.0	56.0	0.0	680.0	56.7
	TIMES	7.0	0.0	6.0	0.0	21.0	21.0	12.0	6.0	0.0	6.0	7.0	0.0	86.0	7.2
Time Off	HOURS	0.0	0.0	24.0	0.0	16.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40.0	3.3
	TIMES	0.0	0.0	3.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.4
On-Job Accidents	HOURS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	TIMES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Hours		**288.0**	**68.0**	**160.0**	**64.0**	**224.0**	**289.0**	**174.0**	**189.5**	**187.0**	**111.0**	**112.0**	**162.0**	**1308.5**	**109.0**
Total Times		**38.0**	**9.0**	**20.0**	**8.0**	**28.0**	**36.0**	**24.0**	**24.0**	**30.0**	**15.0**	**14.0**	**23.0**	**178.0**	**14.8**
	HOURS	**29.0**	**31.0**	**45.0**	**49.0**	**110.5**	**51.0**	**45.0**	**32.5**	**60.0**	**45.0**	**41.0**	**39.0**	**378.0**	**31.5**
Overtime Worked	**TIMES**	**22.0**	**27.0**	**26.0**	**34.0**	**49.0**	**30.0**	**28.0**	**21.0**	**30.0**	**32.0**	**31.0**	**28.0**	**720.0**	**60.0**

Board of Commissioners'

Projects & Director's Update

January 2020

Project Update Notes

FEMA Grant Award

Federal Emergency Management Agency (FEMA) in cooperation with South Carolina Emergency Management Division (SCEMD) awarded CWR a grant in the amount of $144,150 for the generator installation project at the Haddon House Pump Station ($118,113) and the Joe Caldwell Pump Station ($36,037).

Community Development Block Grant (CDBG) Roundtree Pump Station

According to SM Grading (SMG), the following work is remaining for the project:

- Need to perform start-up and testing of pumps with pump representative.
- PVC force main and gravity sewer needs to be tested.
- New electrical service must be coordinated with Duke Power and installed.
- Generator pad needs to be poured.
- AECOM to schedule ATO inspection with SCDHEC after initial testing of pumps and force main is complete.
- Mission RTU to be relocated from existing pump station to new pump station when approved for operation.
- Existing pump station to be demolished.

Schedule:

- The project was scheduled for completion on December 7, 2019. Unfortunately, a Change Order will be required to extend contract duration due to delays associated with generator delivery and coordination with Duke Energy to add a three-phase power service to the site;
- The Generator has not been delivered. It was anticipated around January 2nd. Now the target date for delivery is the first week of February.
- We are awaiting Duke Energy to provide both a cost and an installation date estimate for the required electrical upgrade.

Financial Summary:

- Pay request #2 for $32,400.00 has been paid.

Additional items:

- The next construction progress meeting will be held on January 30th.

Sandy River WWTP Grit Chamber Project

As reported previously, we executed a contract with Turner Murphy Construction, Inc. for the following amount:

- Turner Murphy Construction, Inc. - $1,291,359.00.

A Notice to Proceed was issued with an effective date of March 2, 2020. Turner Murphy must notify CWR and the Engineer five (5) days in advance of being on site. The

construction phase has an estimated two hundred forty (240) consecutive calendar days from Notice to Proceed (March 2, 2020) to final completion (October 28, 2020).

Haddon House Pump Station Replacement Effort

- As previously reported, we were awarded a $500,000 Economic Opportunity Grant by RIA. On a parallel track, we are continuing with the following efforts:
  - Contracted with the design of the station and put together the associated drawings and details for the bidding process;
  - We also applied to Chester County Building & Zoning Department concerning the land use for the pump station. The Hearing is scheduled for Tuesday, January 28, 2020 at 6:00 PM;
  - Gaston, Marion & Stubbs are working on the associated agreement of deed for the land acquisition from Spring Land Holding; and
  - The Construction Permit Application and the Notification for Site Disturbance Application have been completed and will be submitted to SCDHEC tomorrow accompanied by an Ownership and Maintain (O&M) letter.

Town of Fort Lawn

No activity to report

Lower Catawba River Basin (LOWCARB) Dischargers Stakeholder Group

No activity to report

Miscellaneous Notes

- We held meetings and conference calls with various potential developers, and
- We provided RFI for one industrial prospect.

Chester Sewer District
Year-to-Date Budget to Actual Comparison
Month Ended December 31, 2019

	Annual Budget	YTD Budget	MTD Actual	YTD Actual	Variance Over / (Under)
Operating					
REVENUE					
Wastewater treatment Services	$ 5,079,100	2,539,550	440,909	2,711,736	$ 172,186
Compliance Sampling	40,000	20,000	10,268	35,472	15,472
Interest Income	-	-	5,281	43,805	43,805
Other Income	-	-	38	1,618	1,618
Operating Revenue	$ 5,119,100	$ 2,559,550	$ 456,495	$ 2,792,631	$ 233,081
EXPENSE					
Administration	$ 1,174,500	587,250	389,083	807,659	$ 220,409
Maintenance	953,500	476,750	73,256	397,761	(78,989)
Lando Plant	243,500	121,750	20,360	134,279	12,529
Rocky Creek	730,500	365,250	36,356	239,829	(125,421)
Sandy River	720,000	360,000	35,101	236,134	(123,866)
Pretreatment	172,000	86,000	11,932	69,666	(16,334)
Cushion Fund	18,825	9,413	1,569	9,413	-
Total Expense	$ 4,012,825	2,006,413	567,656	1,894,741	$ (111,672)
Operating Surplus(Deficit)	$ 1,106,275	$ 553,138	-$111,161	$897,890	
Construction Related					
REVENUE					
Long Term Financing	3,000,000	1,500,000	11,563,113	11,563,113	10,063,113
Fund Balance	3,512,000	1,756,000	4,023,140	4,023,140	2,267,140
Grant Revenue	993,500	496,750	-	55,845	(440,905)
Construction Revenue	$7,505,500	$3,752,750	$15,586,253	$15,642,098	$11,889,348
EXPENSE					
Debt Service	6,758,275	3,379,138	7,911,523	8,012,957	4,633,819
Capital Expenditures	1,853,500	926,750	39,423	163,801	(762,949)
Construction Expense	8,611,775	4,305,888	7,950,946	8,176,757	3,870,870
Construction Surplus (Deficit)	-$1,106,275	-$553,138	$7,635,308	$7,465,341	
Total Surplus (Deficit)	$0.00	$0.00	$7,524,146.31	$8,363,231	