Proposed Agenda

December 19, 2019
5724 Lancaster Hwy
Fort Lawn, SC 29714
12:15 p.m.

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 - Ms. Devon Beaty
- c. Maintenance Work Report - Mr. Michael Hunter
- d. Project Updates - Mr. Phillip A. Thompson-King

VI. New Business

- a. Public Comment

VII. Reports

- a. Financial Statement - Mr. Joel Manning

VIII. Adjourn

Chester County Wastewater Recovery

Commission Meeting
December 19, 2019

The Chester Sewer District held its monthly Board of Commissioners Meeting on Thursday, December 19, 2019 at 12:15 PM at the Wagon Wheel Restaurant located at 5724 Lancaster Highway, Fort Lawn, SC. Commissioners in attendance were Tony Pope, Chairman; 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); Michael Hunter, Maintenance and Collections Superintendent; Yashica Evans, CSD Executive Assistant; Amber Robinson, CSD Administrative Assistant; Arthur Gaston, Attorney; Everett Stubbs, Attorney. Notification of this meeting was given on the CMD/CWR website, and on the bulletin board at the Administrative Office.

Invocation – Chairman Tony Pope

Pledge of Allegiance

The Minutes from the October 15, 2019 meeting were approved.

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

Chairman Pro-tem Bill Bundy called for Old Business:

WWTP Report -	Mr. Tony Young presented reports for November 2019. A copy of the report is attached to the minutes.
Pre-Treatment -	Mrs. Devon Beaty-Bagley presented reports for November 2019. A copy of the report is attached to the minutes.
Maintenance Report -	Mr. Michael Hunter presented reports for November 2019. A copy of the report is attached to the minutes.
Project Updates-	Mr. Thompson-King presented reports for November 2019. A copy of the report is attached to the minutes.

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

Chairman Tony Pope called for New Business:

No new business to report.

Chairman Tony Pope called for the Reports:

Financial Statement- Joel Manning presented the report for November 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: January 21, 2020 By: **Yashica Evans**

December 19, 2019

Memorandum

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

Sandy River

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

- Performed daily and weekly sampling
- Performed routine maintenance
- Wasted: No activity to report
- Dewatered: No activity to report
- Started cleaning drying beds and hauling sludge
- Participated in project meetings
- Damon Archie cleaned fence line around plants

Rocky Creek

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

- Performed daily and weekly sampling
- Performed routine maintenance
- Wasted: No activity to report
- Dewatered: No activity to report
- Started cleaning drying beds and hauling sludge

Lando/Manetta

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

- Performed daily and weekly sampling
- Performed routine maintenance
- Wasted: No activity to report
- Dewatered: No activity to report
- Damon Archie cleaned fence line around plants

Economic Development:

Two residential Sewer locate responses

Training:

WQA Association Meeting

Compliance:

Boise Cascade Inspection

Specialty Polymer Inspection

Footprints Compliance Meeting

Jones Hamilton Nickel Follow-up Compliance Meeting

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

Worked with Gene's Restaurant on Grease Trap Sizing

Other

WEASC Presentation

CHESTER COUNTY WASTEWATER RECOVERY
MAINTENANCE WORK REPORT
FY 2018-2019

Month of November 2019

Line Maintenance		JULY 2019	AUG 2019	SEPT 2019	OCT 2019	NOV 2019	DEC 2018	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	42.0	22.0	55.0	7.0	53.0	88.0	28.0	528.0	44.0
	TIMES	11.0	6.0	6.0	10.0	8.0	6.0	5.0	7.0	4.0	7.0	11.0	8.0	89.0	7.4
Check Service	HOURS	10.0	10.0	2.0	0.0	6.0	2.0	17.0	24.0	38.0	4.0	19.0	0.0	132.0	11.0
	TIMES	1.0	1.0	1.0	0.0	1.0	1.0	3.0	3.0	7.0	2.0	5.0	0.0	25.0	2.1
Rod Service	HOURS	0.0	20.0	29.0	24.0	56.0	50.0	80.0	45.0	86.0	13.0	28.0	18.0	449.0	37.4
	TIMES	0.0	3.0	7.0	3.0	10.0	10.0	10.0	9.0	13.0	4.0	5.0	3.0	77.0	6.4
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	0.0	25.0	1.0	4.0	49.0	0.0	0.0	119.0	9.9
	TIMES	1.0	0.0	1.0	1.0	0.0	0.0	1.0	1.0	1.0	2.0	0.0	0.0	8.0	0.7
Install Clean-Out	HOURS	0.0	0.0	25.0	30.0	0.0	0.0	0.0	0.0	0.0	40.0	0.0	78.0	173.0	14.4
	TIMES	0.0	0.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	2.0	5.0	0.4
Locate Service	HOURS	10.0	0.0	0.0	0.0	27.0	10.0	44.0	0.0	0.0	0.0	15.0	0.0	106.0	8.8
	TIMES	1.0	0.0	0.0	0.0	2.0	1.0	4.0	0.0	0.0	0.0	2.0	0.0	10.0	0.8
Check Main	HOURS	0.0	0.0	0.0	4.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	14.0	1.2
	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	44.0	80.0	23.0	64.0	23.0	46.0	21.0	464.0	38.7
	TIMES	1.0	1.0	4.0	5.0	6.0	3.0	6.0	2.0	7.0	2.0	4.0	3.0	44.0	3.7
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	0.0	0.0	8.0	12.0	18.0	17.0	70.0	329.0	27.4
	TIMES	3.0	2.0	2.0	9.0	4.0	0.0	0.0	1.0	1.0	1.0	2.0	2.0	27.0	2.3
Road Work	HOURS	0.0	5.0	6.0	17.0	94.0	0.0	24.0	0.0	0.0	0.0	18.0	6.0	170.0	14.2
	TIMES	0.0	1.0	1.0	2.0	5.0	0.0	1.0	0.0	0.0	0.0	1.0	1.0	12.0	1.0
Landscape Work Area	HOURS	0.0	0.0	0.0	0.0	18.0	25.0	15.0	1.0	8.0	13.0	0.0	4.0	84.0	7.0
	TIMES	0.0	0.0	0.0	0.0	1.0	2.0	1.0	1.0	1.0	2.0	0.0	1.0	9.0	0.8
Cut Right-of-Way	HOURS	0.0	89.0	137.0	185.0	0.0	32.0	0.0	0.0	0.0	0.0	40.0	0.0	483.0	40.3
	TIMES	0.0	5.0	9.0	8.0	0.0	1.0	0.0	0.0	0.0	0.0	3.0	0.0	26.0	2.2
Other	HOURS	62.0	20.0	0.0	22.0	63.0	9.0	15.0	1.0	0.0	0.0	11.0	1.0	204.0	17.0
	TIMES	2.0	2.0	0.0	2.0	2.0	1.0	1.0	1.0	0.0	0.0	2.0	1.0	14.0	1.2
													1.0		
Total Hours		**252.0**	**221.0**	**321.0**	**571.0**	**474.0**	**224.0**	**322.0**	**158.0**	219.0	213.0	*282.0*	258.0	**3515.0**	**292.9**
Total Times		**21.0**	**21.0**	**33.0**	**45.0**	**40.0**	**26.0**	**32.0**	**25.0**	34.0	21.0	*35.0*	22.0	**355.0**	**29.6**

CHESTER COUNTY WASTEWATER RECOVERY
MAINTENANCE WORK REPORT
FY 2018-2019

Month of November 2019

Pump Station Maintenance		JULY 2019	AUG 2019	SEPT 2019	OCT 2019	NOV 2019	DEC 2018	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	30.0	44.0	28.0	36.0	44.0	48.0	27.0	439.0	36.6
	TIMES	3.0	5.0	4.0	3.0	5.0	4.0	4.0	3.0	3.0	4.0	4.0	2.0	44.0	3.7
Check Richburg Station	HOURS	32.0	52.0	38.0	29.0	48.0	34.0	48.0	32.0	36.0	44.0	48.0	22.0	463.0	38.6
	TIMES	3.0	5.0	4.0	3.0	5.0	4.0	4.0	3.0	3.0	4.0	4.0	2.0	44.0	3.7
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	30.0	13.0	20.0	2.0	8.0	26.0	8.0	176.0	14.7
	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	28.0	79.0	69.0	54.0	97.0	118.0	96.0	851.0	70.9
	TIMES	6.0	4.0	6.0	3.0	8.0	3.0	4.0	3.0	6.0	4.0	11.0	7.0	65.0	5.4
Total Hours		**232.0**	**172.0**	**155.0**	**130.0**	**199.0**	**122.0**	**184.0**	**149.0**	**128.0**	**213.0**	**262.0**	**168.0**	**2114.0**	**176.2**
Total Times		**16.0**	**19.0**	**18.0**	**12.0**	**20.0**	**13.0**	**14.0**	**10.0**	**13.0**	**15.0**	**26.0**	**13.0**	**189.0**	**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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	37.0	3.1
	TIMES	0.0	0.0	0.0	2.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	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	1.0	3.0	1.0	3.0	2.0	4.0	4.0	25.0	2.1
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		**215.0**	**238.0**	**112.0**	**73.0**	**29.0**	**10.0**	**68.0**	**10.0**	**52.0**	**115.0**	**255.0**	**117.0**	**1294.0**	**107.8**
Total Times		**11.0**	**17.0**	**12.0**	**5.0**	**3.0**	**1.0**	**3.0**	**1.0**	**5.0**	**7.0**	**18.0**	**11.0**	**94.0**	**7.8**
New Taps															
Residential	HOURS	0.0	0.0	0.0	24.0	0.0	40.0	115.0	25.0	0.0	0.0	48.0	0.0	252.0	21.0
	TIMES	0.0	0.0	0.0	1.0	0.0	1.0	3.0	1.0	0.0	0.0	1.0	0.0	7.0	0.6
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**	**40.0**	**115.0**	**25.0**	**0.0**	**0.0**	**48.0**	**40.0**	**292.0**	**24.3**
Total Times		**0.0**	**0.0**	**0.0**	**1.0**	**0.0**	**1.0**	**3.0**	**1.0**	**0.0**	**0.0**	**1.0**	**1.0**	**8.0**	**0.7**

CHESTER COUNTY WASTEWATER RECOVERY
MAINTENANCE WORK REPORT
FY 2018-2019

Month of November 2019

Shop Maintenance		JULY 2019	AUG 2019	SEPT 2019	OCT 2019	NOV 2019	DEC 2018	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	23.0	2.0	2.0	10.0	9.0	5.0	10.0	131.0	10.9
	TIMES	5.0	7.0	2.0	3.0	6.0	2.0	2.0	2.0	2.0	2.0	2.0	5.0	40.0	3.3
Check Equipment	HOURS	0.0	0.0	20.0	12.0	10.0	4.0	0.0	0.0	9.0	16.0	4.0	6.0	81.0	6.8
	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	24.0	9.0	9.0	36.0	39.0	34.0	21.0	237.0	19.8
	TIMES	2.0	6.0	4.0	5.0	5.0	4.0	5.0	8.0	6.0	4.0	6.0	4.0	59.0	4.9
Grounds Maintenance	HOURS	8.0	5.0	1.0	17.0	73.0	102.0	12.0	6.5	75.0	8.0	3.0	11.0	321.5	26.8
	TIMES	1.0	1.0	1.0	3.0	3.0	5.0	1.0	7.0	6.0	3.0	3.0	2.0	36.0	3.0
Stock Supplies	HOURS	0.0	0.0	1.0	18.0	0.0	6.0	6.0	31.0	17.0	0.0	6.0	0.0	85.0	7.1
	TIMES	0.0	0.0	1.0	3.0	0.0	1.0	1.0	2.0	2.0	0.0	1.0	0.0	11.0	0.9
Re-Stock Trucks	HOURS	3.0	6.0	2.0	19.0	0.0	9.0	4.0	0.0	2.0	19.0	6.0	8.0	78.0	6.5
	TIMES	1.0	2.0	2.0	7.0	0.0	2.0	1.0	0.0	2.0	3.0	3.0	3.0	26.0	2.2
Haul Spoil Dirt	HOURS	0.0	0.0	0.0	16.0	10.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0	35.0	2.9
	TIMES	0.0	0.0	0.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.3
Check Alarm	HOURS	0.0	0.0	0.0	0.0	0.0	8.0	4.0	0.0	0.0	0.0	0.0	0.0	12.0	1.0
	TIMES	0.0	0.0	0.0	0.0	0.0	4.0	2.0	0.0	0.0	0.0	0.0	0.0	6.0	0.5
Other	HOURS	15.0	5.0	3.0	1.0	18.0	9.0	13.0	152.0	8.0	21.0	9.0	7.0	261.0	21.8
	TIMES	7.0	5.0	3.0	1.0	2.0	9.0	13.0	11.0	5.0	12.0	4.0	7.0	79.0	6.6
Total Hours		**37.0**	**61.0**	**33.0**	**144.0**	**123.0**	**194.0**	**50.0**	**200.5**	**157.0**	**112.0**	**67.0**	**63.0**	**1241.5**	**103.5**
Total Times		**16.0**	**21.0**	**14.0**	**24.0**	**18.0**	**29.0**	**25.0**	**30.0**	**25.0**	**26.0**	**20.0**	**22.0**	**270.0**	**22.5**
Inspections															
New Services	HOURS	0.0	0.0	0.0	0.0	0.0	1.0	8.0	0.0	0.0	9.0	0.0	0.0	18.0	1.5
	TIMES	0.0	0.0	0.0	0.0	0.0	1.0	4.0	0.0	0.0	5.0	0.0	0.0	10.0	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	40.0	35.0	31.0	35.0	36.0	39.0	0.0	317.0	26.4
	TIMES	6.0	7.0	4.0	4.0	8.0	16.0	15.0	13.0	12.0	9.0	7.0	0.0	101.0	8.4
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**	**41.0**	**43.0**	**31.0**	**35.0**	**45.0**	**39.0**	**0.0**	**372.0**	**31.0**
Total Times		**8.0**	**10.0**	**4.0**	**5.0**	**8.0**	**17.0**	**19.0**	**13.0**	**12.0**	**14.0**	**7.0**	**0.0**	**117.0**	**9.8**

CHESTER COUNTY WASTEWATER RECOVERY
MAINTENANCE WORK REPORT
FY 2018-2019

Month of November 2019

Plant Maintenance		JULY 2019	AUG 2019	SEPT 2019	OCT 2019	NOV 2019	DEC 2018	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	30.0	0.0	20.0	52.0	30.0	56.0	18.0	448.0	37.3
	TIMES	3.0	5.0	2.0	3.0	0.0	2.0	0.0	1.0	3.0	1.0	3.0	3.0	26.0	2.2
Total Hours		**85.0**	**88.0**	**20.0**	**49.0**	**0.0**	**30.0**	**0.0**	**20.0**	**52.0**	**30.0**	**56.0**	**28.0**	458.0	38.2
Total Times		**3.0**	**5.0**	**2.0**	**3.0**	**0.0**	**2.0**	**0.0**	**1.0**	**3.0**	**1.0**	**3.0**	**4.0**	27.0	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	33.0	73.0	41.0	34.0	61.0	14.0	30.0	495.0	41.3
	TIMES	3.0	11.0	13.0	17.0	20.0	6.0	9.0	11.0	4.0	13.0	4.0	6.0	117.0	9.8
Total Hours		**13.0**	**27.0**	**41.0**	**55.0**	**73.0**	**33.0**	**75.0**	**41.0**	**35.0**	**61.0**	**14.0**	**30.0**	498.0	41.5
Total Times		**3.0**	**11.0**	**13.0**	**17.0**	**20.0**	**6.0**	**10.0**	**11.0**	**5.0**	**13.0**	**4.0**	**6.0**	119.0	9.9
Non-Category-Training	**HOURS**	**9.0**	**43.0**	**78.0**	**69.0**	**24.0**	**35.0**	**0.0**	**8.0**	**22.0**	**82.0**	**56.0**	**25.0**	451.0	37.6
	TIMES	**1.0**	**6.0**	**8.0**	**5.0**	**4.0**	**4.0**	**0.0**	**1.0**	**2.0**	**11.0**	**3.0**	**2.0**	47.0	3.9
Lost Time															
Sick Days	HOURS	88.0	28.0	16.0	16.0	8.0	12.0	30.0	69.5	61.0	12.0	40.0	42.0	422.5	35.2
	TIMES	12.0	4.0	2.0	2.0	1.0	3.0	6.0	9.0	10.0	2.0	5.0	7.0	63.0	5.3
Vacations	HOURS	152.0	40.0	72.0	48.0	32.0	104.0	48.0	72.0	126.0	51.0	16.0	120.0	881.0	73.4
	TIMES	19.0	5.0	9.0	6.0	4.0	13.0	6.0	9.0	20.0	7.0	2.0	16.0	116.0	9.7
Holidays	HOURS	48.0	0.0	48.0	0.0	168.0	144.0	96.0	48.0	0.0	48.0	56.0	0.0	656.0	54.7
	TIMES	7.0	0.0	6.0	0.0	21.0	18.0	12.0	6.0	0.0	6.0	7.0	0.0	83.0	6.9
Time Off	HOURS	0.0	0.0	24.0	0.0	16.0	16.0	0.0	0.0	0.0	0.0	0.0	0.0	56.0	4.7
	TIMES	0.0	0.0	3.0	0.0	2.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	0.6
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**	**276.0**	**174.0**	**189.5**	**187.0**	**111.0**	**112.0**	**162.0**	1303.5	108.6
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**	179.0	14.9
	HOURS	**29.0**	**31.0**	**45.0**	**49.0**	**110.5**	**68.0**	**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**	**26.0**	**28.0**	**21.0**	**30.0**	**32.0**	**31.0**	**28.0**	712.0	59.3

CWR

CHESTER COUNTY WASTEWATER RECOVERY

Board of Commissioners'

Projects & Director's Update

December 2019

Project Update Notes

Rocky Creek Wastewater Collection System / Carolina Poly / Lancaster Highway (#9) Project

Construction and Schedule Update:

As previously reported, with regards to the EDA Grant funded portion, we have received final payment and the project is officially closed.

Town of Fort Lawn

No activity to report

Lower Catawba River Basin (LOWCARB) Dischargers Stakeholder Group

No activity to report

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 a 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 delivery is anticipated around January 2nd.
- We are awaiting Duke Energy to provide both a cost and an installation date estimate for the required electrical upgrade.

Submittals:

- All shop drawings received by AECOM to date have been reviewed and returned.
- CWR would like 2 hard copies and 1 PDF digital copy of all O&M manuals. Also, 2 O&M manuals for pumps and generator prior to start-up.

Financial Summary:

- Pay request #2 for $32,400.00 has been submitted and awaiting review and approval by the CRCOG.

Additional items:

- Catawba Regional Council of Governments (CRCOG) has performed labor interviews with all contractors on site. SMG to schedule date/time with CRCOG.
- The CRCOG needs certified payrolls from subs. Payrolls for SMG going well.
- The CRCOG needs to complete a Davis-Bacon conformance request to include the electrical.
- The next construction progress meeting will be held during pump start-up on a date TBD.

Sandy River WWTP Grit Chamber Project

As reported previously, Bids were accepted at 2:00 PM on September 12, 2019. We received two qualified Bids from Turner Murphy Construction, Inc of Rock Hill, South Carolina and Republic Contracting Corporation of Columbia South Carolina. The Certified Bid Tabulation Sheet is attached. The bids were as follows:

- Turner Murphy Construction, Inc. - $1,291,359.00; and
- Republic Contracting Corporation - $1,432,700.00.

To this end, we executed a with contract Turner Murphy Construction, Inc. A Notice to Proceed was issued effective March 2, 2020. Turner Murphy must notify CWR and 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 reported in September, we were awarded a $500,000 Economic Opportunity Grant by RIA. On a parallel track, we are continuing with the following efforts:
  - Contracted with design 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; and
  - Gaston, Marion & Stubbs are working on the associated agreement of deed for the land acquisition from Spring Land Holding.

Miscellaneous Notes

- We held meetings and conference calls with various potential developers; and
- We meet with one industrial prospect.

Chester Sewer District
Year-to-Date Budget to Actual Comparison
Month Ended November 30, 2019

	Annual Budget	YTD Budget	MTD Actual	YTD Actual	Variance Over / (Under)
REVENUE					
Wastewater treatment Services	$ 5,079,100	2,116,292	472,724	2,270,827	$ 154,535
Compliance Sampling	40,000	16,667	8,015	25,204	8,537
Interest Income	-	-	7,029	38,524	38,524
Other Income	-	-	52	1,581	1,581
Long Term Financing	3,000,000	1,250,000	-	-	(1,250,000)
Fund Balance	3,512,000	1,463,333	-	-	(1,463,333)
Grant Revenue	993,500	413,958	-	55,845	(358,113)
Total Revenue	$ 12,624,600	5,260,250	487,820	2,391,981	$ (2,868,269)
EXPENSE					
Administration	$ 1,174,500	489,375	69,416	418,576	$ (70,799)
Maintenance	953,500	397,292	59,322	324,505	(72,787)
Lando Plant	243,500	101,458	17,855	113,919	12,461
Rocky Creek	730,500	304,375	32,480	203,473	(100,902)
Sandy River	720,000	300,000	37,936	201,033	(98,967)
Pretreatment	172,000	71,667	14,802	57,734	(13,932)
Debt Service	6,758,275	2,815,948	19,775	101,434	(2,714,514)
Capital Expenditures	1,853,500	772,292	8,428	124,378	(647,914)
Cushion Fund	18,825	7,844	1,569	7,844	-
Total Expense	$ 12,624,600	5,260,250	261,583	1,552,896	$ (3,707,354)
Increase / (Decrease) of Revenue over Expenses			226,238	839,085	