Proposed Agenda

November 19, 2019
6:00 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. Draft Audit Presentation - Love, Bailey & Associates
- b. RIA Grant Acceptance Approval - Mr. Phillip A. Thompson-King
- c. Bond - Mr. Phillip A. Thompson-King
- d. Policy Proposal - Mr. Phillip A. Thompson-King
- e. Public Comment

VII. Reports

- a. Financial Statement - Mr. Joel Manning

VIII. Adjourn

Chester County Wastewater Recovery

Commission Meeting
November 19, 2019

The Chester Sewer District held its monthly Board of Commissioners Meeting on Tuesday, November 19, 2019 at 6:00 PM at Chester County Wastewater Recovery located at 3261 Lancaster Highway, Richburg, SC. Commissioners in attendance were 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); Michael Hunter, Maintenance and Collections Superintendent; Yashica Evans, CSD Executive Assistant; Arthur Gaston, Attorney; Everett Stubbs, Attorney; and Gary Bailey, CPA. Notification of this meeting was given on the CMD/CWR website, and on the bulletin board at the Administrative Office.

**Attorney Arthur Gaston asked for a motion to elect a Chairman Pro-tem in the absence of Chairman Tony Pope and the Vice-Chairman. A motion to nominate Bill Bundy as Chairman Pro-Tempe was made by Edena Sanders, second by Hal Stone, and unanimously approved.*

Invocation – Chairman Pro-tem Bill Bundy

Pledge of Allegiance

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

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

Chairman Pro-tem Bill Bundy called for Old Business:

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

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

Maintenance Report - Mr. Michael Hunter presented reports for October 2019. A copy of the report is attached to the minutes.

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

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

Chairman Pro-tem Bill Bundy called for New Business:

Draft Audit Presentation:

The Draft Audit was presented by CPA Gary Bailey.

Motion to accept the Financial Audit reviewed by Gary Bailey of Love, Bailey Associates was made by Gloria Crank, second by Edena Sanders, and unanimously agreed.

RIA Grant Acceptance Approval:

The RIA Grant Acceptance was presented by Mr. Phillip Thompson-King, Executive Director.

Motion to accept the RIA Grant was made by Hal Stone, second by Gloria Crank, and unanimously agreed.

Bond:

Mr. Phillip Thompson-King, Executive Director asked for the Board to allow Digital Assurance LLC, "DAC" to provide compliance services for the life of the issuance.

Motion to enter into an agreement with DAC was made by Edena Sanders, second by Hal Stone, and unanimously agreed.

Chairman Pro-tem Bill Bundy called for the Reports:

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

Adjourn:

Motion to adjourn was made by Hal Stone, second by Gloria Crank, and unanimously agreed.

Approved: **Respectfully Submitted:**

Date: December 19, 2019 By: **Yashica Evans**

November 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 October/November2019:

- Performed daily and weekly sampling
- Performed routine maintenance
- Wasted 83,519 gallons sludge
- Dewatered 92,404
- Replaced heater in cl2 room
- Started painting doors and panels around plant
- Hazwoper training
- Participated in Career Day at Gateway
- Participated in project meetings

Rocky Creek

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

- Performed daily and weekly sampling
- Performed routine maintenance
- Wasted 81,000 gallons
- Dewatered 160,026 gallons
- Cleaned drying beds

Lando/Manetta

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

- Performed daily and weekly sampling
- Performed routine maintenance
- Repaired Fence and added security cameras after attempted break-in
- Hauled sludge 47,000 gallons from Lando to Rocky Creek
- Wasted 93,690 gallons
- Dewatered 23,500 gallons

Economic Development:

One commercial and one residential locate response

Training:

Pretreatment Consortium SC DHEC

Compliance:

Nippon Permit Renewal

Shayonano Permit Issued

Shayonano Compliance Assistance Meeting

Roseburg Compliance Assistance

Footprints Compliance Assistance

Fall Sampling Determinations

September/October DMR review

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

Worked with Gene's Restaurant on Grease Trap Sizing

Other

Meeting with Engineering Firm

Meetings with Financial Team

CHESTER COUNTY WASTEWATER RECOVERY
MAINTENANCE WORK REPORT
FY 2018-2019

Month of October 2019

Line Maintenance		JULY 2019	AUG 2019	SEPT 2019	OCT 2019	NOV 2018	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	5.0	42.0	22.0	55.0	7.0	53.0	*88.0*	28.0	**484.0**	**40.3**
	TIMES	11.0	6.0	**6.0**	10.0	3.0	6.0	5.0	7.0	4.0	7.0	*11.0*	8.0	**84.0**	**7.0**
Check Service	HOURS	10.0	10.0	**2.0**	0.0	16.0	2.0	17.0	24.0	38.0	4.0	*19.0*	0.0	**142.0**	**11.8**
	TIMES	1.0	1.0	**1.0**	0.0	2.0	1.0	3.0	3.0	7.0	2.0	*5.0*	0.0	**26.0**	**2.2**
Rod Service	HOURS	0.0	20.0	**29.0**	24.0	24.0	50.0	80.0	45.0	86.0	13.0	*28.0*	18.0	**417.0**	**34.8**
	TIMES	0.0	3.0	**7.0**	3.0	5.0	10.0	10.0	9.0	13.0	4.0	*5.0*	3.0	**72.0**	**6.0**
Replace 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**
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	7.0	10.0	44.0	0.0	0.0	0.0	*15.0*	0.0	**86.0**	**7.2**
	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	1.0	10.0	0.0	0.0	0.0	0.0	*0.0*	0.0	**15.0**	**1.3**
	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**
Rod Main	HOURS	2.0	10.0	**20.0**	60.0	15.0	44.0	80.0	23.0	64.0	23.0	*46.0*	21.0	**408.0**	**34.0**
	TIMES	1.0	1.0	**4.0**	5.0	1.0	3.0	6.0	2.0	7.0	2.0	*4.0*	3.0	**39.0**	**3.3**
Repair Main	HOURS	48.0	0.0	**24.0**	96.0	32.0	0.0	0.0	0.0	0.0	0.0	*0.0*	32.0	**232.0**	**19.3**
	TIMES	1.0	0.0	**1.0**	2.0	1.0	0.0	0.0	0.0	0.0	0.0	*0.0*	1.0	**6.0**	**0.5**
Manhole Work	HOURS	56.0	20.0	**33.0**	65.0	0.0	0.0	0.0	8.0	12.0	18.0	*17.0*	70.0	**299.0**	**24.9**
	TIMES	3.0	2.0	**2.0**	9.0	0.0	0.0	0.0	1.0	1.0	1.0	*2.0*	2.0	**23.0**	**1.9**
Road Work	HOURS	0.0	5.0	**6.0**	17.0	16.0	0.0	24.0	0.0	0.0	0.0	*18.0*	6.0	**92.0**	**7.7**
	TIMES	0.0	1.0	**1.0**	2.0	1.0	0.0	1.0	0.0	0.0	0.0	*1.0*	1.0	**8.0**	**0.7**
Landscape Work Area	HOURS	0.0	0.0	**0.0**	0.0	0.0	25.0	15.0	1.0	8.0	13.0	*0.0*	4.0	**66.0**	**5.5**
	TIMES	0.0	0.0	**0.0**	0.0	0.0	2.0	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	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	2.0	9.0	15.0	1.0	0.0	0.0	*11.0*	1.0	**143.0**	**11.9**
	TIMES	2.0	2.0	**0.0**	2.0	1.0	1.0	1.0	1.0	0.0	0.0	*2.0*	1.0	**13.0**	**1.1**
													1.0		
Total Hours		**252.0**	**221.0**	**321.0**	**571.0**	**118.0**	**224.0**	**322.0**	**158.0**	219.0	213.0	*282.0*	258.0	**3159.0**	**263.3**
Total Times		**21.0**	**21.0**	**33.0**	**45.0**	**17.0**	**26.0**	**32.0**	**25.0**	34.0	21.0	*35.0*	22.0	**332.0**	**27.7**

CHESTER COUNTY WASTEWATER RECOVERY
MAINTENANCE WORK REPORT
FY 2018-2019

Month of October 2019

Pump Station Maintenance		JULY 2019	AUG 2019	SEPT 2019	OCT 2019	NOV 2018	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	32.0	30.0	44.0	28.0	36.0	44.0	48.0	27.0	420.0	35.0
	TIMES	3.0	5.0	4.0	3.0	3.0	4.0	4.0	3.0	3.0	4.0	4.0	2.0	42.0	3.5
Check Richburg Station	HOURS	32.0	52.0	38.0	29.0	36.0	34.0	48.0	32.0	36.0	44.0	48.0	22.0	451.0	37.6
	TIMES	3.0	5.0	4.0	3.0	3.0	4.0	4.0	3.0	3.0	4.0	4.0	2.0	42.0	3.5
Service Pumps	HOURS	56.0	19.0	38.0	15.0	8.0	0.0	0.0	0.0	0.0	20.0	22.0	15.0	193.0	16.1
	TIMES	2.0	3.0	4.0	2.0	1.0	0.0	0.0	0.0	0.0	1.0	2.0	1.0	16.0	1.3
Service Controls	HOURS	26.0	13.0	0.0	12.0	49.0	30.0	13.0	20.0	2.0	8.0	26.0	8.0	207.0	17.3
	TIMES	2.0	2.0	0.0	1.0	4.0	2.0	2.0	1.0	1.0	2.0	5.0	1.0	23.0	1.9
Other	HOURS	94.0	44.0	45.0	45.0	38.0	28.0	79.0	69.0	54.0	97.0	118.0	96.0	807.0	67.3
	TIMES	6.0	4.0	6.0	3.0	7.0	3.0	4.0	3.0	6.0	4.0	11.0	7.0	64.0	5.3
Total Hours		**232.0**	**172.0**	**155.0**	**130.0**	**163.0**	**122.0**	**184.0**	**149.0**	**128.0**	**213.0**	**262.0**	**168.0**	**2078.0**	**173.2**
Total Times		**16.0**	**19.0**	**18.0**	**12.0**	**18.0**	**13.0**	**14.0**	**10.0**	**13.0**	**15.0**	**26.0**	**13.0**	**187.0**	**15.6**
Preventive Maintenance															
Smoke Test	HOURS	8.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	23.0	1.9
	TIMES	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	3.0	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	72.0	120.0	10.0
	TIMES	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	9.0	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.0	2.1
	TIMES	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.2
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**	**0.0**	**10.0**	**68.0**	**10.0**	**52.0**	**115.0**	**255.0**	**117.0**	**1265.0**	**105.4**
Total Times		**11.0**	**17.0**	**12.0**	**5.0**	**0.0**	**1.0**	**3.0**	**1.0**	**5.0**	**7.0**	**18.0**	**11.0**	**91.0**	**7.6**
New Taps															
Residential	HOURS	0.0	0.0	0.0	24.0	44.0	40.0	115.0	25.0	0.0	0.0	48.0	0.0	296.0	24.7
	TIMES	0.0	0.0	0.0	1.0	1.0	1.0	3.0	1.0	0.0	0.0	1.0	0.0	8.0	0.7
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**	**44.0**	**40.0**	**115.0**	**25.0**	**0.0**	**0.0**	**48.0**	**40.0**	**336.0**	**28.0**
Total Times		**0.0**	**0.0**	**0.0**	**1.0**	**1.0**	**1.0**	**3.0**	**1.0**	**0.0**	**0.0**	**1.0**	**1.0**	**9.0**	**0.8**

CHESTER COUNTY WASTEWATER RECOVERY
MAINTENANCE WORK REPORT
FY 2018-2019

Month of October 2019

Shop Maintenance		JULY 2019	AUG 2019	SEPT 2019	OCT 2019	NOV 2018	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	19.0	23.0	2.0	2.0	10.0	9.0	5.0	10.0	144.0	12.0
	TIMES	5.0	7.0	2.0	3.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	5.0	37.0	3.1
Check Equipment	HOURS	0.0	0.0	20.0	12.0	5.0	4.0	0.0	0.0	9.0	16.0	4.0	6.0	76.0	6.3
	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	8.0	24.0	9.0	9.0	36.0	39.0	34.0	21.0	239.0	19.9
	TIMES	2.0	6.0	4.0	5.0	1.0	4.0	5.0	8.0	6.0	4.0	6.0	4.0	55.0	4.6
Grounds Maintenance	HOURS	8.0	5.0	1.0	17.0	16.0	102.0	12.0	6.5	75.0	8.0	3.0	11.0	264.5	22.0
	TIMES	1.0	1.0	1.0	3.0	1.0	5.0	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	10.0	6.0	6.0	31.0	17.0	0.0	6.0	0.0	95.0	7.9
	TIMES	0.0	0.0	1.0	3.0	1.0	1.0	1.0	2.0	2.0	0.0	1.0	0.0	12.0	1.0
Re-Stock Trucks	HOURS	3.0	6.0	2.0	19.0	16.0	9.0	4.0	0.0	2.0	19.0	6.0	8.0	94.0	7.8
	TIMES	1.0	2.0	2.0	7.0	2.0	2.0	1.0	0.0	2.0	3.0	3.0	3.0	28.0	2.3
Haul Spoil Dirt	HOURS	0.0	0.0	0.0	16.0	0.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0	25.0	2.1
	TIMES	0.0	0.0	0.0	1.0	0.0	1.0	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	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	6.0	9.0	13.0	152.0	8.0	21.0	9.0	7.0	249.0	20.8
	TIMES	7.0	5.0	3.0	1.0	6.0	9.0	13.0	11.0	5.0	12.0	4.0	7.0	83.0	6.9
Total Hours		**37.0**	**61.0**	**33.0**	**144.0**	**80.0**	**194.0**	**50.0**	**200.5**	**157.0**	**112.0**	**67.0**	**63.0**	**1198.5**	**99.9**
Total Times		**16.0**	**21.0**	**14.0**	**24.0**	**15.0**	**29.0**	**25.0**	**30.0**	**25.0**	**26.0**	**20.0**	**22.0**	**267.0**	**22.3**
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	18.0	40.0	35.0	31.0	35.0	36.0	39.0	0.0	320.0	26.7
	TIMES	6.0	7.0	4.0	4.0	7.0	16.0	15.0	13.0	12.0	9.0	7.0	0.0	100.0	8.3
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**	**18.0**	**41.0**	**43.0**	**31.0**	**35.0**	**45.0**	**39.0**	**0.0**	**375.0**	**31.3**
Total Times		**8.0**	**10.0**	**4.0**	**5.0**	**7.0**	**17.0**	**19.0**	**13.0**	**12.0**	**14.0**	**7.0**	**0.0**	**116.0**	**9.7**

CHESTER COUNTY WASTEWATER RECOVERY
MAINTENANCE WORK REPORT
FY 2018-2019

Month of October 2019

Plant Maintenance		JULY 2019	AUG 2019	SEPT 2019	OCT 2019	NOV 2018	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	205.0	30.0	0.0	20.0	52.0	30.0	56.0	18.0	653.0	54.4
	TIMES	3.0	5.0	2.0	3.0	6.0	2.0	0.0	1.0	3.0	1.0	3.0	3.0	32.0	2.7
Total Hours		**85.0**	**88.0**	**20.0**	**49.0**	**205.0**	**30.0**	**0.0**	**20.0**	**52.0**	**30.0**	**56.0**	**28.0**	**663.0**	**55.3**
Total Times		**3.0**	**5.0**	**2.0**	**3.0**	**6.0**	**2.0**	**0.0**	**1.0**	**3.0**	**1.0**	**3.0**	**4.0**	**33.0**	**2.8**
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	42.0	33.0	73.0	41.0	34.0	61.0	14.0	30.0	464.0	38.7
	TIMES	3.0	11.0	13.0	17.0	5.0	6.0	9.0	11.0	4.0	13.0	4.0	6.0	102.0	8.5
Total Hours		**13.0**	**27.0**	**41.0**	**55.0**	**43.0**	**33.0**	**75.0**	**41.0**	**35.0**	**61.0**	**14.0**	**30.0**	**468.0**	**39.0**
Total Times		**3.0**	**11.0**	**13.0**	**17.0**	**6.0**	**6.0**	**10.0**	**11.0**	**5.0**	**13.0**	**4.0**	**6.0**	**105.0**	**8.8**
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**	**1.0**	**4.0**	**0.0**	**1.0**	**2.0**	**11.0**	**3.0**	**2.0**	**44.0**	**3.7**
Lost Time															
Sick Days	HOURS	88.0	28.0	16.0	16.0	48.0	12.0	30.0	69.5	61.0	12.0	40.0	42.0	462.5	38.5
	TIMES	12.0	4.0	2.0	2.0	6.0	3.0	6.0	9.0	10.0	2.0	5.0	7.0	68.0	5.7
Vacations	HOURS	152.0	40.0	72.0	48.0	104.0	104.0	48.0	72.0	126.0	51.0	16.0	120.0	953.0	79.4
	TIMES	19.0	5.0	9.0	6.0	13.0	13.0	6.0	9.0	20.0	7.0	2.0	16.0	125.0	10.4
Holidays	HOURS	48.0	0.0	48.0	0.0	144.0	144.0	96.0	48.0	0.0	48.0	56.0	0.0	632.0	52.7
	TIMES	7.0	0.0	6.0	0.0	18.0	18.0	12.0	6.0	0.0	6.0	7.0	0.0	80.0	6.7
Time Off	HOURS	0.0	0.0	24.0	0.0	0.0	16.0	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	0.0	2.0	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**	**296.0**	**276.0**	**174.0**	**189.5**	**187.0**	**111.0**	**112.0**	**162.0**	**1415.5**	**118.0**
Total Times		**38.0**	**9.0**	**20.0**	**8.0**	**37.0**	**36.0**	**24.0**	**24.0**	**30.0**	**15.0**	**14.0**	**23.0**	**193.0**	**16.1**
	HOURS	**29.0**	**31.0**	**45.0**	**49.0**	**84.0**	**68.0**	**45.0**	**32.5**	**60.0**	**45.0**	**41.0**	**39.0**	**398.0**	**33.2**
Overtime Worked	**TIMES**	**22.0**	**27.0**	**26.0**	**34.0**	**28.0**	**26.0**	**28.0**	**21.0**	**30.0**	**32.0**	**31.0**	**28.0**	**672.0**	**56.0**

Board of Commissioners'

Projects & Director's Update

November 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 submitted documentation for final payment and close-out. We are still awaiting official receipt from the EDA. Upon receipt, the entire project will be officially concluded.

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 install fencing, gravel cover, and entrance paving. Concrete paving may be used in lieu of asphalt.
- Need to set pumps in wetwell. Guide rails and bases are installed.
- Grout needs to be poured in valve vault.
- 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.

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 #1 approved ($55,844.92).
- Pay request #2 to be submitted this month.

Additional items discussed:

- Catawba Regional Council of Governments (CRCOG) needs to perform 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.

Schedule:

- The project was scheduled for a completion date of December 7, 2019. Unfortunately, a Change Order #1 to extend contract duration through April 2020 due to delay in generator delivery will be necessary.
- The Generator delivery is anticipated around January 2nd, and the Transfer switch delivery anticipated on November 18th (yesterday).

Sandy River WWTP Grit Chamber Project

As reported at the October meeting, 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.

We anticipate signing a with contract Turner Murphy Construction, Inc. in the next few weeks.

Haddon House Pump Station Replacement Effort

- As reported in September, we submitted the RIA Economic Infrastructure Grant Application for the replacement of the Haddon House Pump Station. We were informed on October 30th that our efforts were successful. RIA awarded CWR a $500,000 Economic Opportunity Grant. On a parallel track, we are continuing with the following efforts:

    - Everett Stubbs and Bill Marion (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.

CWR
CHESTER COUNTY WASTEWATER RECOVERY

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

	Annual Budget	YTD Budget	MTD Actual	YTD Actual	Variance Over / (Under)
REVENUE					
Wastewater treatment Services	$ 5,079,100	1,693,033	464,186	1,798,103	$ 105,070
Compliance Sampling	40,000	13,333	5,778	17,189	3,855
Interest Income	-	-	7,784	31,495	31,495
Other Income	-	-	9	1,528	1,528
Long Term Financing	3,000,000	1,000,000	-	-	(1,000,000)
Fund Balance	3,512,000	1,170,667	-	-	(1,170,667)
Grant Revenue	993,500	331,167	-	55,845	(275,322)
Total Revenue	$ 12,624,600	4,208,200	477,757	1,904,160	$ (2,304,040)
EXPENSE					
Administration	$ 1,174,500	391,500	107,592	349,160	$ (42,340)
Maintenance	953,500	317,833	81,105	265,183	(52,650)
Lando Plant	243,500	81,167	28,025	96,063	14,897
Rocky Creek	730,500	243,500	55,129	170,993	(72,507)
Sandy River	720,000	240,000	54,992	163,097	(76,903)
Pretreatment	172,000	57,333	16,586	42,932	(14,401)
Debt Service	6,758,275	2,252,758	19,775	81,659	(2,171,099)
Capital Expenditures	1,853,500	617,833	25,157	115,950	(501,883)
Cushion Fund	18,825	6,275	1,569	6,275	-
Total Expense	$ 12,624,600	4,208,200	389,931	1,291,313	$ (2,916,887)
Increase / (Decrease) of Revenue over Expenses			87,825	612,847	