CHESTER COUNTY WASTEWATER RECOVERY

Proposed Agenda

August 20, 2019
3261 Lancaster Hwy
Richburg, SC 29729
6:00 PM

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
- **b.** Proposed Amendment to Director's Employment Contract - Mrs. Beth Taylerson
- **c.** PSA - Ms. Devon Beaty

VII. Reports

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

VIII. Adjourn

Chester County Wastewater Recovery

Commission Meeting
August 20, 2019

The Chester Sewer District held its monthly Board of Commissioners Meeting on Tuesday, August 20, 2019 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 O. Crank, Board Member; Phillip Thompson-King, Executive Director; Joel Manning, Finance Analyst; Devon Beaty, Pretreatment Coordinator; Tony Young, WWTP Operations Superintendent (Lando-Manetta, Rocky Creek, and Sandy River); Michael Hunter, Maintenance & Collections Superintendent; Yashica Evans, CSD Executive Assistant; Beth Taylerson, Human Resources; Arthur Gaston, Attorney; Everett Stubbs, Attorney; Bill Bundy, Prospective Board Member ; and Hal Stone, Prospective Board Member . Notification of this meeting was given in the Chester News & Reporter, posted 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 July 16, 2019 meeting were approved.

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

***A motion to amend the agenda and move Item 7 to Item 6c was made by Edena Sanders, second by Gloria Crank, and unanimously approved. ***

Chairman Tony Pope called for Old Business:

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

Pre-Treatment - Ms. Devon Beaty presented reports for July 2019. A copy of the report is attached to the minutes.

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

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

***A motion to allow acquisition of the property at L&C Railway, for RIA Economic Infrastructure was made by Edena Sanders, second by Gloria Crank, and unanimously approved. ***

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

Chairman Tony Pope called for New Business:

Proposed Amendment to Director's Employment Contract:

Beth Taylerson, Human Resources Supervisor asked the Board for a motion to remove Section 7 of the Director's Employment Contract, which requires the Executive Director to reside in Chester County, SC.

Motion to approve the removal of Section 7 of the Director's Employment Contract was made by Gloria Crank, second by Gloria Crank, and unanimously agreed.

Chairman Tony Pope called for the Reports:

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

Public Service Announcement:

Devon Beaty presented and allowed the Board to view a Public Service Announcement for Customer Awareness.

Adjourn:

Motion to adjourn was made by Edena Sanders, second by Gloria Crank, and unanimously agreed.

Approved: **Respectfully Submitted:**

Date: _____ By:**Yashica Evans**

August 20, 2019

Memorandum

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

Sandy River

The following is a listing of completed tasks for July/August 2019:

- Performed daily and weekly sampling
- Performed routine maintenance
- Wasted 51,533 gallons sludge
- Attended clarifier workshop in Columbia
- Changed motor on exhaust fan 1 on top of blower building
- Installed new A/C at lift station to keep electronics cool
- Changed float for return sludge pumps

Rocky Creek

The following is a listing of completed tasks for July/August 2019:

- Performed daily and weekly sampling
- Performed routine maintenance
- Wasted 293,000 gallons
- Dewatered 148,500gallons
- 2 operators attended Laboratory update in Sumter
- Cleaned drying beds

Lando/Manetta

The following a listing of completed tasks for July/August 2019:

- Performed daily and weekly sampling
- Performed routine maintenance
- Hauled sludge 53,300 gallons from Lando to Rocky Creek
- Wasted 198,200 gallons
- Dewatered 9,175 gallons
- Installed 2 aerator motors
- Had a meeting with AECOM and our laboratory reps to get started on permit renewal

Economic Development:

Three residential locate responses

One meeting about a potential tap (Town of Richburg)

Visit with one prospective industrial customer

Training:

PFAS conference call

Website tutorial training

Compliance:

Meeting to Discuss Mercury sampling

Sunfiber Compliance Meeting

Pretreatment Inspection ATI

Semi-Annual Report Submitted to SC DHEC

Omnova New Permit

Roseburg Permitted

Toxicity Conference call

ATI Meter Project Update Conference Call

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

Worked with Maintenance, all grease trap inspections have been conducted and logged, some follow-ups needed.

Other

Met with Shealy Consulting to discuss Excel Form for IUs

Capacity Information to Raftelis

CHESTER COUNTY WASTEWATER RECOVERY
MAINTENANCE WORK REPORT
FY 2018-2019

Month of July 2019

Line Maintenance		JULY 2019	AUG 2018	SEPT 2018	OCT 2018	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	22.0	11.0	40.0	5.0	42.0	22.0	55.0	7.0	53.0	88.0	28.0	425.0	35.4
	TIMES	11.0	3.0	3.0	5.0	3.0	6.0	5.0	7.0	4.0	7.0	11.0	8.0	73.0	6.1
Check Service	HOURS	10.0	6.0	26.0	18.0	16.0	2.0	17.0	24.0	38.0	4.0	19.0	0.0	180.0	15.0
	TIMES	1.0	2.0	4.0	2.0	2.0	1.0	3.0	3.0	7.0	2.0	5.0	0.0	32.0	2.7
Rod Service	HOURS	0.0	14.0	41.0	12.0	24.0	50.0	80.0	45.0	86.0	13.0	28.0	18.0	411.0	34.3
	TIMES	0.0	3.0	7.0	6.0	5.0	10.0	10.0	9.0	13.0	4.0	5.0	3.0	75.0	6.3
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	24.0	0.0	0.0	0.0	0.0	25.0	1.0	4.0	49.0	0.0	0.0	115.0	9.6
	TIMES	1.0	1.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0	2.0	0.0	0.0	7.0	0.6
Install Clean-Out	HOURS	0.0	25.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40.0	0.0	78.0	143.0	11.9
	TIMES	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	2.0	4.0	0.3
Locate Service	HOURS	10.0	10.0	25.0	15.0	7.0	10.0	44.0	0.0	0.0	0.0	15.0	0.0	136.0	11.3
	TIMES	1.0	2.0	1.0	1.0	2.0	1.0	4.0	0.0	0.0	0.0	2.0	0.0	14.0	1.2
Check Main	HOURS	0.0	17.0	8.0	0.0	1.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	36.0	3.0
	TIMES	0.0	3.0	2.0	0.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	0.6
Rod Main	HOURS	2.0	51.0	0.0	49.0	15.0	44.0	80.0	23.0	64.0	23.0	46.0	21.0	418.0	34.8
	TIMES	1.0	5.0	0.0	3.0	1.0	3.0	6.0	2.0	7.0	2.0	4.0	3.0	37.0	3.1
Repair Main	HOURS	48.0	0.0	0.0	0.0	32.0	0.0	0.0	0.0	0.0	0.0	0.0	32.0	112.0	9.3
	TIMES	1.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	3.0	0.3
Manhole Work	HOURS	56.0	40.0	2.0	10.0	0.0	0.0	0.0	8.0	12.0	18.0	17.0	70.0	233.0	19.4
	TIMES	3.0	2.0	1.0	1.0	0.0	0.0	0.0	1.0	1.0	1.0	2.0	2.0	14.0	1.2
Road Work	HOURS	0.0	34.0	4.0	1.0	16.0	0.0	24.0	0.0	0.0	0.0	18.0	6.0	103.0	8.6
	TIMES	0.0	2.0	1.0	1.0	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	124.0	0.0	0.0	0.0	32.0	0.0	0.0	0.0	0.0	40.0	0.0	196.0	16.3
	TIMES	0.0	5.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	3.0	0.0	9.0	0.8
Other	HOURS	62.0	6.0	0.0	15.0	2.0	9.0	15.0	1.0	0.0	0.0	11.0	1.0	122.0	10.2
	TIMES	2.0	1.0	0.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	2.0	1.0	11.0	0.9
													1.0		
Total Hours		252.0	373.0	117.0	160.0	118.0	224.0	322.0	158.0	219.0	213.0	282.0	258.0	2696.0	224.7
Total Times		21.0	30.0	19.0	20.0	17.0	26.0	32.0	25.0	34.0	21.0	35.0	22.0	302.0	25.2

CHESTER COUNTY WASTEWATER RECOVERY
MAINTENANCE WORK REPORT
FY 2018-2019

Month of July 2019

Pump Station Maintenance		JULY 2019	AUG 2018	SEPT 2018	OCT 2018	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	32.0	26.0	20.0	32.0	30.0	44.0	28.0	36.0	44.0	48.0	27.0	391.0	32.6
	TIMES	3.0	4.0	3.0	2.0	3.0	4.0	4.0	3.0	3.0	4.0	4.0	2.0	39.0	3.3
Check Richburg Station	HOURS	32.0	32.0	34.0	25.0	36.0	34.0	48.0	32.0	36.0	44.0	48.0	22.0	423.0	35.3
	TIMES	3.0	5.0	3.0	2.0	3.0	4.0	4.0	3.0	3.0	4.0	4.0	2.0	40.0	3.3
Service Pumps	HOURS	56.0	0.0	5.0	15.0	8.0	0.0	0.0	0.0	0.0	20.0	22.0	15.0	141.0	11.8
	TIMES	2.0	0.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	1.0	2.0	1.0	9.0	0.8
Service Controls	HOURS	26.0	8.0	0.0	37.0	49.0	30.0	13.0	20.0	2.0	8.0	26.0	8.0	227.0	18.9
	TIMES	2.0	1.0	0.0	3.0	4.0	2.0	2.0	1.0	1.0	2.0	5.0	1.0	24.0	2.0
Other	HOURS	94.0	35.0	58.0	187.0	38.0	28.0	79.0	69.0	54.0	97.0	118.0	96.0	953.0	79.4
	TIMES	6.0	7.0	2.0	12.0	7.0	3.0	4.0	3.0	6.0	4.0	11.0	7.0	72.0	6.0
Total Hours		**232.0**	**107.0**	**123.0**	**284.0**	**163.0**	**122.0**	**184.0**	**149.0**	**128.0**	**213.0**	**262.0**	**168.0**	**2135.0**	**177.9**
Total Times		**16.0**	**17.0**	**9.0**	**20.0**	**18.0**	**13.0**	**14.0**	**10.0**	**13.0**	**15.0**	**26.0**	**13.0**	**184.0**	**15.3**
Preventive Maintenance															
Smoke Test	HOURS	8.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	22.0	1.8
	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	0.0	52.0	54.0	0.0	0.0	0.0	0.0	0.0	0.0	102.0	0.0	216.0	18.0
	TIMES	1.0	0.0	4.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	0.0	17.0	1.4
Clean Manholes	HOURS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	72.0	72.0	6.0
	TIMES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	6.0	0.5
Clean Mains	HOURS	90.0	0.0	100.0	62.0	0.0	0.0	0.0	0.0	36.0	87.0	102.0	0.0	477.0	39.8
	TIMES	4.0	0.0	5.0	5.0	0.0	0.0	0.0	0.0	2.0	5.0	7.0	0.0	28.0	2.3
Check Right-of-Way	HOURS	0.0	18.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.0	1.5
	TIMES	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.3
TV Lines	HOURS	109.0	10.0	15.0	40.0	0.0	10.0	68.0	10.0	16.0	28.0	51.0	35.0	392.0	32.7
	TIMES	5.0	1.0	1.0	3.0	0.0	1.0	3.0	1.0	3.0	2.0	4.0	4.0	28.0	2.3
Other	HOURS	0.0	38.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	38.0	3.2
	TIMES	0.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	0.6
Total Hours		**215.0**	**70.0**	**167.0**	**156.0**	**0.0**	**10.0**	**68.0**	**10.0**	**52.0**	**115.0**	**255.0**	**117.0**	**1235.0**	**102.9**
Total Times		**11.0**	**13.0**	**10.0**	**13.0**	**0.0**	**1.0**	**3.0**	**1.0**	**5.0**	**7.0**	**18.0**	**11.0**	**93.0**	**7.8**
New Taps															
Residential	HOURS	0.0	72.0	0.0	0.0	44.0	40.0	115.0	25.0	0.0	0.0	48.0	0.0	344.0	28.7
	TIMES	0.0	2.0	0.0	0.0	1.0	1.0	3.0	1.0	0.0	0.0	1.0	0.0	9.0	0.8
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**	**72.0**	**0.0**	**0.0**	**44.0**	**40.0**	**115.0**	**25.0**	**0.0**	**0.0**	**48.0**	**40.0**	**384.0**	**32.0**
Total Times		**0.0**	**2.0**	**0.0**	**0.0**	**1.0**	**1.0**	**3.0**	**1.0**	**0.0**	**0.0**	**1.0**	**1.0**	**10.0**	**0.8**

CHESTER COUNTY WASTEWATER RECOVERY
MAINTENANCE WORK REPORT
FY 2018-2019

Month of July 2019

Shop Maintenance		JULY 2019	AUG 2018	SEPT 2018	OCT 2018	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	23.0	6.0	17.0	19.0	23.0	2.0	2.0	10.0	9.0	5.0	10.0	131.0	10.9
	TIMES	5.0	10.0	3.0	4.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	5.0	42.0	3.5
Check Equipment	HOURS	0.0	8.0	11.0	53.0	5.0	4.0	0.0	0.0	9.0	16.0	4.0	6.0	116.0	9.7
	TIMES	0.0	5.0	2.0	4.0	1.0	1.0	0.0	0.0	2.0	2.0	1.0	1.0	19.0	1.6
Service Equipment	HOURS	6.0	22.0	17.0	5.0	8.0	24.0	9.0	9.0	36.0	39.0	34.0	21.0	230.0	19.2
	TIMES	2.0	4.0	2.0	1.0	1.0	4.0	5.0	8.0	6.0	4.0	6.0	4.0	47.0	3.9
Grounds Maintenance	HOURS	8.0	35.0	8.0	20.0	16.0	102.0	12.0	6.5	75.0	8.0	3.0	11.0	304.5	25.4
	TIMES	1.0	4.0	1.0	1.0	1.0	5.0	1.0	7.0	6.0	3.0	3.0	2.0	35.0	2.9
Stock Supplies	HOURS	0.0	8.0	0.0	0.0	10.0	6.0	6.0	31.0	17.0	0.0	6.0	0.0	84.0	7.0
	TIMES	0.0	1.0	0.0	0.0	1.0	1.0	1.0	2.0	2.0	0.0	1.0	0.0	9.0	0.8
Re-Stock Trucks	HOURS	3.0	13.0	7.0	10.0	16.0	9.0	4.0	0.0	2.0	19.0	6.0	8.0	97.0	8.1
	TIMES	1.0	6.0	4.0	4.0	2.0	2.0	1.0	0.0	2.0	3.0	3.0	3.0	31.0	2.6
Haul Spoil Dirt	HOURS	0.0	9.0	0.0	0.0	0.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0	18.0	1.5
	TIMES	0.0	1.0	0.0	0.0	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	1.0	9.0	15.0	6.0	9.0	13.0	152.0	8.0	21.0	9.0	7.0	265.0	22.1
	TIMES	7.0	1.0	9.0	15.0	6.0	9.0	13.0	11.0	5.0	12.0	4.0	7.0	99.0	8.3
Total Hours		**37.0**	**119.0**	**58.0**	**120.0**	**80.0**	**194.0**	**50.0**	**200.5**	**157.0**	**112.0**	**67.0**	**63.0**	**1257.5**	**104.8**
Total Times		**16.0**	**32.0**	**21.0**	**29.0**	**15.0**	**29.0**	**25.0**	**30.0**	**25.0**	**26.0**	**20.0**	**22.0**	**290.0**	**24.2**
Inspections															
New Services	HOURS	0.0	0.0	3.0	0.0	0.0	1.0	8.0	0.0	0.0	9.0	0.0	0.0	21.0	1.8
	TIMES	0.0	0.0	1.0	0.0	0.0	1.0	4.0	0.0	0.0	5.0	0.0	0.0	11.0	0.9
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	26.0	22.0	70.0	18.0	40.0	35.0	31.0	35.0	36.0	39.0	0.0	382.0	31.8
	TIMES	6.0	11.0	10.0	20.0	7.0	16.0	15.0	13.0	12.0	9.0	7.0	0.0	126.0	10.5
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	0.0	0.0	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	28.0	2.3
	TIMES	2.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.3
Total Hours		**46.0**	**26.0**	**25.0**	**82.0**	**18.0**	**41.0**	**43.0**	**31.0**	**35.0**	**45.0**	**39.0**	**0.0**	**431.0**	**35.9**
Total Times		**8.0**	**11.0**	**11.0**	**21.0**	**7.0**	**17.0**	**19.0**	**13.0**	**12.0**	**14.0**	**7.0**	**0.0**	**140.0**	**11.7**

CHESTER COUNTY WASTEWATER RECOVERY
MAINTENANCE WORK REPORT
FY 2018-2019

Month of July 2019

Plant Maintenance		JULY 2019	AUG 2018	SEPT 2018	OCT 2018	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	15.0	150.0	74.0	205.0	30.0	0.0	20.0	52.0	30.0	56.0	18.0	735.0	61.3
	TIMES	3.0	1.0	7.0	6.0	6.0	2.0	0.0	1.0	3.0	1.0	3.0	3.0	36.0	3.0
Total Hours		**85.0**	**15.0**	**150.0**	**74.0**	**205.0**	**30.0**	**0.0**	**20.0**	**52.0**	**30.0**	**56.0**	**28.0**	**745.0**	**62.1**
Total Times		**3.0**	**1.0**	**7.0**	**6.0**	**6.0**	**2.0**	**0.0**	**1.0**	**3.0**	**1.0**	**3.0**	**4.0**	**37.0**	**3.1**
Line Locations															
Locate for Utilities	HOURS	0.0	0.0	2.0	0.0	1.0	0.0	2.0	0.0	1.0	0.0	0.0	0.0	6.0	0.5
	TIMES	0.0	0.0	1.0	0.0	1.0	0.0	1.0	0.0	1.0	0.0	0.0	0.0	4.0	0.3
Locate for Contractors	HOURS	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.8
	TIMES	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.1
Other	HOURS	13.0	43.0	25.0	54.0	42.0	33.0	73.0	41.0	34.0	61.0	14.0	30.0	463.0	38.6
	TIMES	3.0	6.0	4.0	10.0	5.0	6.0	9.0	11.0	4.0	13.0	4.0	6.0	81.0	6.8
Total Hours		**13.0**	**43.0**	**37.0**	**54.0**	**43.0**	**33.0**	**75.0**	**41.0**	**35.0**	**61.0**	**14.0**	**30.0**	**479.0**	**39.9**
Total Times		**3.0**	**6.0**	**6.0**	**10.0**	**6.0**	**6.0**	**10.0**	**11.0**	**5.0**	**13.0**	**4.0**	**6.0**	**86.0**	**7.2**
Non-Category-training	**HOURS**	**9.0**	**41.0**	**37.0**	**86.0**	**24.0**	**35.0**	**0.0**	**8.0**	**22.0**	**82.0**	**56.0**	**25.0**	**425.0**	**35.4**
	TIMES	**1.0**	**5.0**	**5.0**	**10.0**	**1.0**	**4.0**	**0.0**	**1.0**	**2.0**	**11.0**	**3.0**	**2.0**	**45.0**	**3.8**
Lost Time															
Sick Days	HOURS	88.0	44.0	32.0	26.0	48.0	12.0	30.0	69.5	61.0	12.0	40.0	42.0	504.5	42.0
	TIMES	12.0	6.0	4.0	4.0	6.0	3.0	6.0	9.0	10.0	2.0	5.0	7.0	74.0	6.2
Vacations	HOURS	152.0	48.0	40.0	56.0	104.0	104.0	48.0	72.0	126.0	51.0	16.0	120.0	937.0	78.1
	TIMES	19.0	6.0	5.0	7.0	13.0	13.0	6.0	9.0	20.0	7.0	2.0	16.0	123.0	10.3
Holidays	HOURS	48.0	0.0	56.0	0.0	144.0	144.0	96.0	48.0	0.0	48.0	56.0	0.0	640.0	53.3
	TIMES	7.0	0.0	7.0	0.0	18.0	18.0	12.0	6.0	0.0	6.0	7.0	0.0	81.0	6.8
Time Off	HOURS	0.0	0.0	16.0	8.0	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	2.0	1.0	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**	**92.0**	**144.0**	**90.0**	**296.0**	**276.0**	**174.0**	**189.5**	**187.0**	**111.0**	**112.0**	**162.0**	**1441.5**	**120.1**
Total Times		**38.0**	**12.0**	**18.0**	**12.0**	**37.0**	**36.0**	**24.0**	**24.0**	**30.0**	**15.0**	**14.0**	**23.0**	**197.0**	**16.4**
	HOURS	**29.0**	**52.5**	**46.5**	**61.0**	**84.0**	**68.0**	**45.0**	**32.5**	**60.0**	**45.0**	**41.0**	**39.0**	**401.0**	**33.4**
Overtime Worked	**TIMES**	**22.0**	**37.0**	**35.0**	**33.0**	**28.0**	**26.0**	**28.0**	**21.0**	**30.0**	**32.0**	**31.0**	**28.0**	**680.0**	**56.7**

CWR

CHESTER COUNTY WASTEWATER RECOVERY

Board of Commissioners'

Projects & Director's Update

August 2019

Project Update Notes

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

The following is a listing of the major activities that occurred during July and to date in August 2019 related to Rocky Creek Wastewater Collection System / Carolina Poly/ Lancaster Highway (#9) Project:

Construction and Schedule Update:

- We received the official SC Rural Infrastructure Authority close-out documentation for the grant; and
- Similarly, we have submitted documentation for final payment and close-out for the EDA Grant funded portion of the project. Upon official receipt from the EDA, the entire project will be officially concluded.

Town of Fort Lawn

In accordance with the MOU, concerning the potential acquisition of the Fort Lawn Wastewater System, the following items were addressed:

- We are continuing to meet with the Town of Fort Lawn to discuss logistics associated with the potential acquisition and their State Revolving Fund (SRF) and revisions to the existing Memorandum of Understanding (MOU).

Lower Catawba River Basin (LOWCARB) Dischargers Stakeholder Group

No activity to report

Community Development Block Grant (CDBG) Roundtree Pump Station

The following is a summary:

- The contract was executed with the contractor, Matt Farr, of SM Grading (SMG)
- A formal Notice to Proceed was issued after the contract was executed with an effective date of June 10, 2019;
- SMG submitted equipment specs to AECOM that we reviewed and approved;
- SMG mobilized and began construction on Tuesday, July 30th;
- To date, SMG has completed:
    - Gravity sewer and manhole bases have been installed (the manhole risers still need to be installed).
    - PVC force main has been installed from the tie-in point back to the pump

station at the connection to the DIP portion.
    - Wetwell and valve vault have been installed.
    - Pumps have been delivered.
    - SMG waiting on valves to install the DIP.

- Financial Summary:
    - No pay requests or change orders to date.
- Additional items:
    - To date, there are no issues to report; and
- The scheduled project completion date is December 7, 2019. Therefore, SMG is way ahead of schedule.

Sandy River WWTP Grit Chamber Project

- The project design has been completed by AECOM and we have placed the project out for bid; and
- Bids will be accepted until 2:00 PM on September 12, 2019. When at said time, the Bids will be opened at 3261 Lancaster Highway, Richburg, SC and read aloud publicly.

Haddon House Pump Station Replacement Effort

- I am working on an RIA Economic Infrastructure Grant
    - I drafted a narrative and associated letter of commitment;
    - We received an estimate of probable cost from AECOM;
    - We met with a representative from Spring Land Holding and Everett Stubbs (Gaston, Marion & Stubbs) and AECOM to discuss land acquisition for the project;
    - AECOM is currently surveying the area in question

Miscellaneous Notes

- We held meetings and conference calls with various potential developers;
- We met and worked with Mr. McMinn on wastewater line and tap relocation cost estimates for the Town of Richburg; and
- We held meetings and conference calls with various potential developers.

CWR
CHESTER COUNTY WASTEWATER RECOVERY

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

	Annual Budget	YTD Budget	MTD Actual	YTD Actual	Variance Over / (Under)
REVENUE					
Wastewater treatment Services	$ 5,079,100	423,258	411,265	411,265	$ (11,993)
Compliance Sampling	40,000	3,333	5,541	5,541	2,207
Interest Income	-	-	7,889	7,889	7,889
Other Income	-	-	52	52	52
Long Term Financing	3,000,000	250,000	-	-	(250,000)
Fund Balance	3,512,000	292,667	-	-	(292,667)
Grant Revenue	993,500	82,792	-	-	(82,792)
Total Revenue	$ 12,624,600	1,052,050	424,747	424,747	$ (627,303)
EXPENSE					
Administration	$ 1,174,500	97,875	66,705	66,705	$ (31,170)
Maintenance	953,500	79,458	48,323	48,323	(31,135)
Lando Plant	243,500	20,292	25,181	25,181	4,889
Rocky Creek	730,500	60,875	31,481	31,481	(29,394)
Sandy River	720,000	60,000	26,807	26,807	(33,193)
Pretreatment	172,000	14,333	7,364	7,364	(6,970)
Debt Service	6,758,275	563,190	20,628	20,628	(542,562)
Capital Expenditures	1,853,500	154,458	2,451	2,451	(152,007)
Cushion Fund	18,825	1,569	1,569	1,569	0
Total Expense	$ 12,624,600	1,052,050	230,509	230,509	$ (821,541)
Increase / (Decrease) of Revenue over Expenses			194,238	194,238	