Proposed Agenda

February 19, 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. Approval of BAN Resolution** - **Pope Flynn, LLC**
- **b. Public Comment**

VII. **Reports**

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

VIII. **Executive Session**

- a. Under Section 30-4-70(a)(2) legal advice related matters covered by the attorney-client privilege

IX. **Adjourn**

Chester County Wastewater Recovery

Commission Meeting
February 19, 2019

The Chester Sewer District held its monthly Board of Commissioners Meeting on Tuesday, February 19, 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; Arthur Gaston, Attorney; Everett Stubbs, Attorney; Pope Flynn, Attorney; and Ed Sharpe, Town of Richburg . 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 November 27, 2018 meeting were approved.

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

The Minutes from the December 18, 2018 meeting were approved.

A motion to approve the minutes 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 January 2019. A copy of the report is attached to the minutes.

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

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

Project Updates- Mr. Thompson-King presented reports for January 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:

Approval of BAN Resolution:

Attorney Arthur Gaston asked the Board for a motion to approve the BAN Resolution.

Motion to approve the BAN Resolution was made by Gloria Crank, second by Edena Sanders, and unanimously agreed.

Please Note: Mr. Tony Pope, Chairman abstained due to employment at First Citizens Bank.

Chairman Tony Pope called for the Reports:

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

Executive Session

Chairman Tony Pope called to go into Executive Session

A motion was made to enter Executive Session by Gloria Crank, second by Edena Sanders and unanimously agreed.

Please note that during the Executive Session, no action was taken.

Adjourn:

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

Approved: **Respectfully Submitted:**

Date: _____ By: **Yashica Evans**

February 19, 2019

Memorandum

To: Phillip A. Thompson-King

From: Tony Young

Subject: Monthly Report for Wastewater Treatment Plants

Sandy River WWTP

Sandy River plant overall is operating well.

The following is a listing of completed tasks for January/February 2019:

- Performed daily and weekly sampling
- Performed routine maintenance
- Wasted 97,735 gallons sludge
- Dewatered 115,505 gallons dewatered
- Pulled #1 blower back out and sent to motor shop for alignment; reinstalled and is operating well.
- Water well at Sandy river went out, waiting on James Darby to reinstall
- Number 1 clarifier went out do to age and metal fatigue

Rocky Creek WWTP

Rocky Creek plant overall is operating well.

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

- Performed daily and weekly sampling
- Performed routine maintenance
- Wasted 218,000 gallons
- Dewatered 199,968 gallons
- Installed a new air compressor and replaced air purge lines at sand filter
- Performed yearly maintenance on all three clarifiers
- Maintenance crew assisting with sanding beds as weather permits
- In process of completing permit renewal information package for AECOM

Lando/Manetta WWTP

Lando/Manetta plant overall is operating well.

The following is a listing of completed tasks for January/February 2019:

- Performed daily and weekly sampling
- Performed routine maintenance
- Hauled 93,800 gallons of sludge from Lando to Rocky Creek
- Wasted 173,860 gallons
- Dewatered 14,600 gallons

Economic Development:

Assisted with three residential, one commercial, and two industrial sewer requests.

Meeting with Jones Hamilton to discuss expansion.

Training:

Pretreatment Workshop

Water Symposium

Compliance:

Meeting with Roseburg to install pretreatment unit, call with SC DHEC

Reviewed DMRs

Prepared and Submitted Pretreatment Semi-Annual Report to SC DHEC

Distributed new permits and DMR information to Coatex and Boral

Issued industrial permit extension letters to Sunfiber and Specialty Polymers

Worked with consultant to discuss future permit parameters and diagnostic project at pump station

Organized Lunch and Learn for Industrial Customers scheduled for March 21st

FOG (Fats, Oils, Greases)

Work on potential PSA

Other

Meeting to discuss handling of Biosolids

Meeting to discuss Pretreatment software

WEASC Public Education Committee business meetings: secured science fair schedule, held committee meeting

WEASC Student Chapter Meeting

Reached out to Charleston area school to sponsor students in Walk for Water on behalf of WEASC

Participated in Conference Call to discuss financing Capital Improvements

Participated in Staff Meeting and regular Monday morning meetings

Visited new maintenance building site

Met with two potential IT vendors

Website meeting

Meeting with COG and Keck and Wood concerning potential grant application

Construction update meeting in regards to Rocky Creek

CHESTER COUNTY WASTEWATER RECOVERY
MAINTENANCE WORK REPORT
FY 2018-2019

Month of January 2019

Line Maintenance		JULY 2018	AUG 2018	SEPT 2018	OCT 2018	NOV 2018	DEC 2018	JAN 2019	FEB 2018	MAR 2018	APR 2018	MAY 2018	JUN 2018	Total to Date	Average
Check for Problem	HOURS	18.0	22.0	11.0	40.0	5.0	42.0	22.0	17.0	28.0	12.0	14.0	27.0	258.0	21.5
	TIMES	4.0	3.0	3.0	5.0	3.0	6.0	5.0	5.0	7.0	2.0	7.0	7.0	57.0	4.8
Check Service	HOURS	13.0	6.0	26.0	18.0	16.0	2.0	17.0	19.0	7.0	20.0	6.0	8.0	158.0	13.2
	TIMES	5.0	2.0	4.0	2.0	2.0	1.0	3.0	12.0	3.0	2.0	1.0	2.0	39.0	3.3
Rod Service	HOURS	25.0	14.0	41.0	12.0	24.0	50.0	80.0	17.0	105.0	43.0	67.0	80.0	558.0	46.5
	TIMES	5.0	3.0	7.0	6.0	5.0	10.0	10.0	10.0	19.0	6.0	8.0	14.0	103.0	8.6
Replace Service	HOURS	27.0	0.0	0.0	0.0	0.0	0.0	0.0	130.0	0.0	0.0	0.0	0.0	157.0	13.1
	TIMES	2.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	12.0	1.0
Repair Service	HOURS	30.0	24.0	0.0	0.0	0.0	0.0	25.0	22.0	47.0	0.0	20.0	32.0	200.0	16.7
	TIMES	4.0	1.0	0.0	0.0	0.0	0.0	1.0	16.0	4.0	0.0	1.0	4.0	31.0	2.6
Install Clean-Out	HOURS	32.0	25.0	0.0	0.0	0.0	0.0	0.0	22.0	56.0	0.0	0.0	0.0	135.0	11.3
	TIMES	2.0	1.0	0.0	0.0	0.0	0.0	0.0	1.0	2.0	0.0	0.0	0.0	6.0	0.5
Locate Service	HOURS	2.0	10.0	25.0	15.0	7.0	10.0	44.0	23.0	4.0	2.0	0.0	6.0	148.0	12.3
	TIMES	1.0	2.0	1.0	1.0	2.0	1.0	4.0	7.0	1.0	1.0	0.0	1.0	22.0	1.8
Check Main	HOURS	2.0	17.0	8.0	0.0	1.0	10.0	0.0	54.0	5.0	10.0	100.0	0.0	207.0	17.3
	TIMES	1.0	3.0	2.0	0.0	1.0	1.0	0.0	12.0	1.0	1.0	1.0	0.0	23.0	1.9
Rod Main	HOURS	79.0	51.0	0.0	49.0	15.0	44.0	80.0	48.0	66.0	92.0	75.0	61.0	660.0	55.0
	TIMES	7.0	5.0	0.0	3.0	1.0	3.0	6.0	7.0	6.0	6.0	5.0	4.0	53.0	4.4
Repair Main	HOURS	27.0	0.0	0.0	0.0	32.0	0.0	0.0	58.0	52.0	0.0	32.0	0.0	201.0	16.8
	TIMES	1.0	0.0	0.0	0.0	1.0	0.0	0.0	8.0	2.0	0.0	2.0	0.0	14.0	1.2
Manhole Work	HOURS	21.0	40.0	2.0	10.0	0.0	0.0	0.0	15.0	31.0	23.0	0.0	24.0	166.0	13.8
	TIMES	3.0	2.0	1.0	1.0	0.0	0.0	0.0	8.0	4.0	2.0	0.0	5.0	26.0	2.2
Road Work	HOURS	46.0	34.0	4.0	1.0	16.0	0.0	24.0	40.0	47.0	5.0	0.0	13.0	230.0	19.2
	TIMES	3.0	2.0	1.0	1.0	1.0	0.0	1.0	1.0	3.0	1.0	0.0	5.0	19.0	1.6
Landscape Work Area	HOURS	8.0	0.0	0.0	0.0	0.0	25.0	15.0	4.0	3.0	8.0	0.0	0.0	63.0	5.3
	TIMES	2.0	0.0	0.0	0.0	0.0	2.0	1.0	1.0	1.0	1.0	0.0	0.0	8.0	0.7
Cut Right-of-Way	HOURS	0.0	124.0	0.0	0.0	0.0	32.0	0.0	1.0	0.0	0.0	54.0	12.0	223.0	18.6
	TIMES	0.0	5.0	0.0	0.0	0.0	1.0	0.0	8.0	0.0	0.0	2.0	1.0	17.0	1.4
Other	HOURS	32.0	6.0	0.0	15.0	2.0	9.0	15.0	24.0	101.0	81.0	100.0	8.0	393.0	32.8
	TIMES	5.0	1.0	0.0	1.0	1.0	1.0	1.0	6.0	5.0	4.0	10.0	2.0	37.0	3.1
Total Hours		362.0	373.0	117.0	160.0	118.0	224.0	322.0	494.0	552.0	296.0	468.0	271.0	3757.0	313.1
Total Times		45.0	30.0	19.0	20.0	17.0	26.0	32.0	112.0	58.0	26.0	37.0	45.0	467.0	38.9

CHESTER COUNTY WASTEWATER RECOVERY
MAINTENANCE WORK REPORT
FY 2018-2019

Month of January 2019

Pump Station Maintenance		JULY 2018	AUG 2018	SEPT 2018	OCT 2018	NOV 2018	DEC 2018	JAN 2019	FEB 2018	MAR 2018	APR 2018	MAY 2018	JUN 2018	Total to Date	Average
Check Chester Station	HOURS	18.0	32.0	26.0	20.0	32.0	30.0	44.0	40.0	42.0	32.0	40.0	32.0	388.0	32.3
	TIMES	2.0	4.0	3.0	2.0	3.0	4.0	4.0	5.0	3.0	2.0	4.0	4.0	40.0	3.3
Check Richburg Station	HOURS	18.0	32.0	34.0	25.0	36.0	34.0	48.0	27.0	34.0	22.0	48.0	26.0	384.0	32.0
	TIMES	2.0	5.0	3.0	2.0	3.0	4.0	4.0	5.0	3.0	2.0	4.0	3.0	40.0	3.3
Service Pumps	HOURS	24.0	0.0	5.0	15.0	8.0	0.0	0.0	110.0	0.0	0.0	177.0	26.0	365.0	30.4
	TIMES	1.0	0.0	1.0	1.0	1.0	0.0	0.0	8.0	0.0	0.0	6.0	2.0	20.0	1.7
Service Controls	HOURS	12.0	8.0	0.0	37.0	49.0	30.0	13.0	12.0	0.0	0.0	6.0	132.0	299.0	24.9
	TIMES	1.0	1.0	0.0	3.0	4.0	2.0	2.0	4.0	0.0	0.0	1.0	7.0	25.0	2.1
Other	HOURS	10.0	35.0	58.0	187.0	38.0	28.0	79.0	15.0	43.0	10.0	49.0	65.0	617.0	51.4
	TIMES	2.0	7.0	2.0	12.0	7.0	3.0	4.0	3.0	7.0	1.0	5.0	16.0	69.0	5.8
Total Hours		82.0	107.0	123.0	284.0	163.0	122.0	184.0	204.0	119.0	64.0	320.0	281.0	2053.0	171.1
Total Times		8.0	17.0	9.0	20.0	18.0	13.0	14.0	25.0	13.0	5.0	20.0	32.0	194.0	16.2
Preventive Maintenance															
Smoke Test	HOURS	0.0	4.0	0.0	0.0	0.0	0.0	0.0	17.0	0.0	15.0	0.0	0.0	36.0	3.0
	TIMES	0.0	1.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	2.0	0.0	0.0	6.0	0.5
Inspect Manholes	HOURS	0.0	0.0	52.0	54.0	0.0	0.0	0.0	0.0	0.0	0.0	9.5	0.0	115.5	9.6
	TIMES	0.0	0.0	4.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	10.0	0.8
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	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
Clean Mains	HOURS	41.0	0.0	100.0	62.0	0.0	0.0	0.0	50.0	86.0	15.0	77.0	0.0	431.0	35.9
	TIMES	2.0	0.0	5.0	5.0	0.0	0.0	0.0	5.0	2.0	1.0	4.0	0.0	24.0	2.0
Check Right-of-Way	HOURS	31.0	18.0	0.0	0.0	0.0	0.0	0.0	12.0	0.0	0.0	25.5	2.0	88.5	7.4
	TIMES	4.0	4.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	2.0	1.0	13.0	1.1
TV Lines	HOURS	33.0	10.0	15.0	40.0	0.0	10.0	68.0	12.0	17.0	20.0	23.0	42.0	290.0	24.2
	TIMES	4.0	1.0	1.0	3.0	0.0	1.0	3.0	24.0	2.0	2.0	2.0	4.0	47.0	3.9
Other	HOURS	15.0	38.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	4.0	60.0	5.0
	TIMES	1.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	9.0	0.8
Total Hours		120.0	70.0	167.0	156.0	0.0	10.0	68.0	94.0	103.0	50.0	135.0	48.0	1021.0	85.1
Total Times		11.0	13.0	10.0	13.0	0.0	1.0	3.0	34.0	4.0	5.0	9.0	6.0	109.0	9.1
New Taps															
Residential	HOURS	0.0	72.0	0.0	0.0	44.0	40.0	115.0	0.0	0.0	36.0	0.0	0.0	307.0	25.6
	TIMES	0.0	2.0	0.0	0.0	1.0	1.0	3.0	0.0	0.0	1.0	0.0	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	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	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	0.0	0.0	36.0	0.0	0.0	307.0	25.6
Total Times		0.0	2.0	0.0	0.0	1.0	1.0	3.0	0.0	0.0	1.0	0.0	0.0	8.0	0.7

CHESTER COUNTY WASTEWATER RECOVERY
MAINTENANCE WORK REPORT
FY 2018-2019

Month of January 2019

Shop Maintenance		JULY 2018	AUG 2018	SEPT 2018	OCT 2018	NOV 2018	DEC 2018	JAN 2019	FEB 2018	MAR 2018	APR 2018	MAY 2018	JUN 2018	Total to Date	Average
Clean Trucks	HOURS	15.0	23.0	6.0	17.0	19.0	23.0	2.0	4.0	4.0	18.0	0.0	11.0	142.0	11.8
	TIMES	10.0	10.0	3.0	4.0	3.0	2.0	2.0	5.0	2.0	4.0	0.0	6.0	51.0	4.3
Check Equipment	HOURS	5.0	8.0	11.0	53.0	5.0	4.0	0.0	13.0	2.0	12.0	0.0	0.0	113.0	9.4
	TIMES	3.0	5.0	2.0	4.0	1.0	1.0	0.0	2.0	1.0	2.0	0.0	0.0	21.0	1.8
Service Equipment	HOURS	21.0	22.0	17.0	5.0	8.0	24.0	9.0	5.0	56.0	76.0	15.0	44.0	302.0	25.2
	TIMES	4.0	4.0	2.0	1.0	1.0	4.0	5.0	4.0	6.0	5.0	4.0	7.0	47.0	3.9
Grounds Maintenance	HOURS	7.0	35.0	8.0	20.0	16.0	102.0	12.0	3.0	2.0	0.0	36.0	0.0	241.0	20.1
	TIMES	2.0	4.0	1.0	1.0	1.0	5.0	1.0	1.0	1.0	0.0	3.0	0.0	20.0	1.7
Stock Supplies	HOURS	6.0	8.0	0.0	0.0	10.0	6.0	6.0	10.0	0.0	5.0	0.0	1.0	52.0	4.3
	TIMES	1.0	1.0	0.0	0.0	1.0	1.0	1.0	1.0	0.0	1.0	0.0	1.0	8.0	0.7
Re-Stock Trucks	HOURS	10.0	13.0	7.0	10.0	16.0	9.0	4.0	6.0	3.0	11.0	9.0	4.0	102.0	8.5
	TIMES	5.0	6.0	4.0	4.0	2.0	2.0	1.0	3.0	1.0	4.0	2.0	3.0	37.0	3.1
Haul Spoil Dirt	HOURS	12.0	9.0	0.0	0.0	0.0	9.0	0.0	1.0	20.0	40.0	0.0	33.0	124.0	10.3
	TIMES	2.0	1.0	0.0	0.0	0.0	1.0	0.0	8.0	1.0	1.0	0.0	3.0	17.0	1.4
Check Alarm	HOURS	4.0	0.0	0.0	0.0	0.0	8.0	4.0	3.0	4.0	0.0	0.0	10.0	33.0	2.8
	TIMES	2.0	0.0	0.0	0.0	0.0	4.0	2.0	5.0	2.0	0.0	0.0	5.0	20.0	1.7
Other	HOURS	16.0	1.0	9.0	15.0	6.0	9.0	13.0	8.0	2.0	52.0	0.0	6.0	137.0	11.4
	TIMES	6.0	1.0	9.0	15.0	6.0	9.0	13.0	1.0	1.0	5.0	0.0	3.0	69.0	5.8
Total Hours		96.0	119.0	58.0	120.0	80.0	194.0	50.0	53.0	93.0	214.0	60.0	109.0	1246.0	103.8
Total Times		35.0	32.0	21.0	29.0	15.0	29.0	25.0	30.0	15.0	22.0	9.0	28.0	290.0	24.2
Inspections															
New Services	HOURS	0.0	0.0	3.0	0.0	0.0	1.0	8.0	20.0	0.0	0.0	5.0	0.0	37.0	3.1
	TIMES	0.0	0.0	1.0	0.0	0.0	1.0	4.0	2.0	0.0	0.0	1.0	0.0	9.0	0.8
Repair Existing Service	HOURS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	70.0	0.0	0.0	0.0	0.0	70.0	5.8
	TIMES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.0	0.0	0.0	0.0	0.0	14.0	1.2
New Construction	HOURS	10.0	26.0	22.0	70.0	18.0	40.0	35.0	10.0	46.0	22.0	22.0	0.0	321.0	26.8
	TIMES	2.0	11.0	10.0	20.0	7.0	16.0	15.0	5.0	9.0	6.0	2.0	0.0	103.0	8.6
Rehab Existing	HOURS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	70.0	0.0	0.0	0.0	0.0	70.0	5.8
	TIMES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	10.0	0.8
Other-Grease traps	HOURS	0.0	0.0	0.0	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0	1.0
	TIMES	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.1
Total Hours		10.0	26.0	25.0	82.0	18.0	41.0	43.0	170.0	46.0	22.0	27.0	0.0	510.0	42.5
Total Times		2.0	11.0	11.0	21.0	7.0	17.0	19.0	31.0	9.0	6.0	3.0	0.0	137.0	11.4

CHESTER COUNTY WASTEWATER RECOVERY
MAINTENANCE WORK REPORT
FY 2018-2019

Month of January 2019

Plant Maintenance		JULY 2018	AUG 2018	SEPT 2018	OCT 2018	NOV 2018	DEC 2018	JAN 2019	FEB 2018	MAR 2018	APR 2018	MAY 2018	JUN 2018	Total to Date	Average
Clean Drying Beds	HOURS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	2.0	0.2
	TIMES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	4.0	0.3
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	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	48.0	15.0	150.0	74.0	205.0	30.0	0.0	20.0	83.0	56.0	41.0	19.0	741.0	61.8
	TIMES	4.0	1.0	7.0	6.0	6.0	2.0	0.0	3.0	4.0	2.0	4.0	3.0	42.0	3.5
Total Hours		48.0	15.0	150.0	74.0	205.0	30.0	0.0	22.0	83.0	56.0	41.0	19.0	743.0	61.9
Total Times		4.0	1.0	7.0	6.0	6.0	2.0	0.0	7.0	4.0	2.0	4.0	3.0	46.0	3.8
Line Locations															
Locate for Utilities	HOURS	0.0	0.0	2.0	0.0	1.0	0.0	2.0	1.0	0.0	0.0	1.0	6.0	13.0	1.1
	TIMES	0.0	0.0	1.0	0.0	1.0	0.0	1.0	1.0	0.0	0.0	1.0	2.0	7.0	0.6
Locate for Contractors	HOURS	0.0	0.0	10.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	15.0	1.3
	TIMES	0.0	0.0	1.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	3.0	0.3
Other	HOURS	36.0	43.0	25.0	54.0	42.0	33.0	73.0	27.0	72.0	38.0	17.0	51.0	511.0	42.6
	TIMES	3.0	6.0	4.0	10.0	5.0	6.0	9.0	7.0	16.0	7.0	4.0	11.0	88.0	7.3
Total Hours		36.0	43.0	37.0	54.0	43.0	33.0	75.0	33.0	72.0	38.0	18.0	57.0	539.0	44.9
Total Times		3.0	6.0	6.0	10.0	6.0	6.0	10.0	10.0	16.0	7.0	5.0	13.0	98.0	8.2
Non-Category-training	HOURS	22.0	41.0	37.0	86.0	24.0	35.0	0.0	4.0	29.0	60.0	30.0	23.0	391.0	32.6
	TIMES	7.0	5.0	5.0	10.0	1.0	4.0	0.0	2.0	4.0	4.0	3.0	5.0	50.0	4.2
Lost Time															
Sick Days	HOURS	40.0	44.0	32.0	26.0	48.0	12.0	30.0	24.0	48.0	32.0	16.0	64.0	416.0	34.7
	TIMES	5.0	6.0	4.0	4.0	6.0	3.0	6.0	3.0	7.0	5.0	2.0	8.0	59.0	4.9
Vacations	HOURS	56.0	48.0	40.0	56.0	104.0	104.0	48.0	24.0	72.0	80.0	104.0	136.0	872.0	72.7
	TIMES	7.0	6.0	5.0	7.0	13.0	13.0	6.0	3.0	9.0	10.0	13.0	17.0	109.0	9.1
Holidays	HOURS	48.0	0.0	56.0	0.0	144.0	144.0	96.0	0.0	0.0	48.0	48.0	0.0	584.0	48.7
	TIMES	6.0	0.0	7.0	0.0	18.0	18.0	12.0	0.0	0.0	6.0	6.0	0.0	73.0	6.1
Time Off	HOURS	0.0	0.0	16.0	8.0	0.0	16.0	0.0	0.0	0.0	8.0	0.0	0.0	48.0	4.0
	TIMES	0.0	0.0	2.0	1.0	0.0	2.0	0.0	0.0	0.0	1.0	0.0	0.0	6.0	0.5
On-Job Accidents	HOURS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.0	0.0	0.0	48.0	64.0	5.3
	TIMES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	6.0	8.0	0.7
Total Hours		144.0	92.0	144.0	90.0	296.0	276.0	174.0	48.0	136.0	168.0	168.0	248.0	1352.0	112.7
Total Times		18.0	12.0	18.0	12.0	37.0	36.0	24.0	6.0	18.0	22.0	21.0	31.0	176.0	14.7
Overtime Worked	HOURS	76.0	52.5	46.5	61.0	84.0	68.0	45.0	128.0	96.0	100.0	147.0	67.0	358.0	29.8
	TIMES	40.0	37.0	35.0	33.0	28.0	26.0	28.0	69.0	70.0	58.0	72.0	27.0	632.0	52.7

CWR

CHESTER COUNTY WASTEWATER RECOVERY

Board of Commissioners'

Projects & Director's Update

February 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 February 2019 related to Rocky Creek Wastewater Collection System / Carolina Poly/ Lancaster Highway (#9) Project:

1. Construction and Schedule Update:

A. Overall Project Schedule

- I have attached a copy of the new amended construction schedule that was provided by the Contractor, Dellinger, during a recent meeting that extends the completion of the project through May 1, 2019.
- The tunneling has reached 142' on the day of the meeting. The contractor has excavated approximately 15' from the receiving manhole and hit rock. This should indicate that the tunnel will hit a maximum of 165 feet in length, resulting in 23' to go.
- It is estimated that lines B, C & D will be completed within 3-4 weeks upon the conclusion of the tunneling.
- Jason Stewart and Richard Tarlton from Chester Natural Gas attended the meeting to verify the schedule of the tunneling, as the proposed gas line to serve Roseburg Forest Products will be constructed in the vicinity of the current trench box for the tunneling.

B. Schedule Update

I. As of February 4, 2019 by linear footage in the ground - 22,879 in / 26,954 Total = 85% complete;

II. By Pay Request Dollars - $4,952,403 complete / $5,599,403 Total = 88% complete;

III. By days of contract – Based on the start date of 01/15/2018 and the new completion date of 5/15/ 2019 as stated in Change Order No. 2, the overall completion of the project based on the pay request date of 1/04/2019 is 380/485 days or 78% complete.

2. Cole McKinney will be replacing Jason Vance at the Catawba Regional COG as the project's primary contact for the EDA Grant Efforts.

3. Record Drawings: The contractor is tracking all of the record drawings. AECOM has requested that the contractor start providing that information so that when the project is finished, the PTO can be obtained in a timely manner.

4. Pay Request: Pay Request 10 and 11 have been submitted and will be processed accordingly.

5. Payroll Records & Employee Interviews – all up to date.

6. Erosion Control – All up to date.

7. SCDOT – All up to date.

8. US Fish & Wildlife – All up to date.

Town of Fort Lawn

- In accordance with the MOU, concerning the potential acquisition of the Fort Lawn Wastewater System. We received a copy of the Town's Audit and Wastewater Schedule. We reciprocated the effort and provided the same information to the Town. The Town also received a quote to perform stress/pressure test of the existing waterline on the rail road trestle and its viability. The following items will be addressed in the upcoming weeks:
- The logistics associated with the potential acquisition;
- A meeting with LCWSD legal counsel; and
- We also held follow-up meetings with the Town on January 17th and February 14th 2019.

City of Chester

I had dialogue with City of Chester officials to explore potential partnering for grant opportunities. To this end, I am tentatively scheduled to meet with the City Administrator on Friday, February 22, 2019.

Lower Catawba River Basin (LOWCARB) Dischargers Stakeholder Group

No activity to report.

Community Development Block Grant (CDBG) Roundtree Pump Station

We received a draft copy of the bid documents for review and comments. We also held a coordination meeting to complete the plan review with AECOM in January. In addition, we began advertising the project for bids on January 26, 2019. We are scheduled to open bids on February 27th, 2019.

Sandy River WWTP Grit Chamber Project

- We had a kick-off meeting concerning the recently awarded RIA grant in the amount of $500,000.00 for the Sandy River WWTP Grit Chamber project; and
- We traveled to Camden to see a grit collector design and installation that we are considering.

Miscellaneous Notes

- We replied to various economic development inquires.
- We closed on the new CWR Maintenance Building and the Team has moved into the facility.

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

	Annual Budget	YTD Budget	MTD Actual	YTD Actual	Variance Over / (Under)
REVENUE					
Wastewater treatement Services	$ 4,841,968	2,420,984	404,083	2,884,097	$ 463,113
Pretreatment Charges	31,039	15,520	1,739	21,168	5,649
Other Income	-	-	50	7,167	7,167
Interest Income	-	-	2,271	12,121	12,121
Capital Projects	143,478	71,739	1,440	39,590	(32,149)
Total Revenue	$ 5,016,485	2,508,243	409,583	2,964,143	$ 455,901
EXPENSE					
Administration	$ 1,062,700	531,350	53,538	523,825	$ (7,525)
Maintenance	1,022,000	511,000	31,729	467,963	(43,037)
Lando Plant	289,700	144,850	17,265	119,270	(25,580)
Sandy River	602,900	301,450	32,583	281,571	(19,879)
Rocky Creek	732,500	366,250	46,412	314,528	(51,722)
Pretreatment	185,600	92,800	6,754	69,025	(23,775)
Debt Service	606,100	303,050	18,128	126,896	(176,154)
Capital Expenditures	395,000	197,500	415,000	538,412	340,912
Depreciation Fund	119,985	59,993	9,998	69,991	9,999
Total Expense	$ 5,016,485	2,508,243	631,407	2,511,481	$ 3,239
Increase / (Decrease) of Revenue over Expenses			(221,824)	452,662	
Grant Revenue - RIA			50,864	311,947	
Grant Revenue - EDA			-	1,830,796	
Grant Expense - Highway #9 Extension			14,888	2,730,838	
Grant Expense - Roundtree pumpstation			52,515	52,515	
Total Surplus(deficit)			**(238,363)**	**(187,948)**	