Proposed Agenda

October 16, 2018
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.	WWTPs Update	-Mr. Tony Young
b.	Pretreatment	-Ms. Devon Beaty
c.	Maintenance Work Report	- Mr. Michael Hunter
d.	Project Updates	-Mr. Phillip A. Thompson-King

VI. New Business

a.	Wastewater Presentation	- AECOM &-Mr. Phillip A. Thompson-King

VII. Reports

a.	Financial Statement	- Mr. Joel Manning

VIII. Executive Session

IX. Adjourn

Please ***NOTE*** the meeting is being held at the Richburg Fire Department, which is located at 225 N. Main Street, Richburg, SC 29729

Chester County Wastewater Recovery

Commission Meeting
October 16, 2018

The Chester Sewer District held its monthly Board of Commissioners Meeting on Tuesday, October 16, 2018, at 6:00 PM at the Richburg Fire Department located at 225 North Main Street, 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); Yashica Evans, CSD Executive Assistant; Arthur Gaston, Attorney; and Porter Rivers, AECOM. 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 August 29, 2018 meeting were approved. *Motion to approve the minutes was made by Gloria Crank, Second by Edena Sanders, and unanimously approved.*

Chairman Tony Pope called for Old Business:

Lando/Manetta- Mr. Tony Young presented reports for September 2018. A copy of the report is attached to the minutes.

Rocky Creek - Mr. Tony Young presented reports for September 2018. A copy of the report is attached to the minutes.

Sandy River - Mr. Tony Young presented reports for September 2018. A copy of the report is attached to the minutes.

Pre-Treatment - Ms. Devon Beaty presented reports for September 2018. A copy of the report is attached to the minutes.

Maintenance Report - Mr. Michael Hunter prepared reports for September 2018. A copy of the report is attached to the minutes.

Project Updates- Mr. Thompson-King presented reports for September 2018. 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:

Wastewater Presentation:

Porter Rivers of AECOM attended the meeting. Porter Rivers gave a presentation on "Managing Growth in Chester County." The presentation was a conceptual plan and included various scenarios pertaining to future growth in the area. The plan consists of future construction and challenges CWR may face regarding including; a small customer base, a large service, area, maintaining and running 3 (three) wastewater treatment plants, aging infrastructure, and how to finance growth. Prospective growth does include commercial, residential, and industrial development, which presumably includes partnering with the City of Rock Hill, South Carolina and the City of Lancaster, South Carolina.

Chairman Tony Pope called for the Reports:

Financial Statement- Joel Manning presented reports for September 2018. A copy of the report is attached to the minutes.

**At this time, Mr. Phillip Thompson-King asked permission to draft a commitment letter regarding a 80/20 EDA grant financial obligation. CWR would potentially be the recipient of a 5 (five) million dollar grant and would be responsible to acquire the remaining twenty percent which is equivalent to 1.2 million dollars.

Motion to draft a letter to EDA should we receive of five million dollar grant we will come up with the 20% required to get funding was made by Edena Sanders, Second by Gloria Crank, , and unanimously approved.

**Mr. Phillip Thompson-King suggested having the finance committee and board of commissioners meet prior to the first quarter of 2019.

With there being no further business to discuss, Chairman Pope asked for a motion to adjourn.

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

Approved:

Date: _____

Respectfully Submitted:

By: Yashica Evans

Attachments to minutes:

1. Wastewater Treatment Plants (WWTPs) Monthly Operations Report
2. Industrial Pretreatment Report
3. Maintenance Work Report
4. Projects and Director's Updates
5. Memorandum of Understanding with Town of Fort Lawn
6. Financial Report

Memorandum

To: Phillip A. Thompson-King

From: Tony Young

Subject: Wastewater Treatment Plants (WWTPs) Monthly Report Operations Report

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CWR's Lando-Manetta, Rocky Creek and Sandy River WWTPs are performing well and meeting all permit limits as reported on the most recent DMR submittal. To this end, the following is a list of completed tasks for September through the first part of October 2018:

Lando/Manetta:

- Performed daily and weekly sampling
- Performed routine maintenance
- Hauled sludge to Rocky Creek
- Worked on control panel for plant return pumps
- Received a load of alum for the plant

Rocky Creek:

- Performed daily and weekly sampling
- Performed routine maintenance
- Contractor started cleaning drying beds
- Air compressor for plant failed and we are currently working on getting bids
- Worked on repairing grit classifier
- Hired a new Operator, Danny Ackerman, who started working for CWR on October 11th.

Sandy River:

- Performed daily and weekly sampling
- Performed routine maintenance
- Wasted 62,195 gallons sludge
- Dewatered 67,526 gallons dewatered
- Contractor cleaned drying beds
- We are currently replacing sand on all drying
- Working with plant personnel on scheduling issues
- Installed blower that we had repaired
- Submitted our permit renewal paperwork

Board of Commissioners

October **2018 Update:**

Industrial Pretreatment

Economic Development:

Assisted in responding to three residential and many industrial service inquiries

Training:

WQA BMP training

WQA meeting

Pretreatment Consortium

Compliance:

Meeting with Roseburg

Specialty Polymers Inspection

Reviewed Carolina Poly's construction drawings for new sample point

Reviewed DMRs

Carolina Poly Pretreatment Inspection

Meeting with Footprints on DMR training

Giti Annual Pretreatment Inspection

Inspection of Pump Station Old York Rd with Maintenance

FOG (Fats, Oils, Greases)

Responded to Roses Overflow

All Richburg grease trap inspections complete due to help from Maintenance

Other

Revision of Letterhead Meeting

Staff Interviews

Participated in delivering industrial bills

Staff meetings

Citiworks Demo Meeting

CHESTER COUNTY WASTEWATER RECOVERY
MAINTENANCE WORK REPORT
FY 2018-2019

Month of September 2018

Line Maintenance		JULY 2018	AUG 2018	SEPT 2018	OCT 2017	NOV 2017	DEC 2017	JAN 2018	FEB 2018	MAR 2018	APR 2018	MAY 2018	JUN 2018	Total to Date	Average
Check for Problem	HOURS	18.0	22.0	11.0	24.0	7.0	12.0	85.0	17.0	28.0	12.0	14.0	27.0	277.0	23.1
	TIMES	4.0	3.0	3.0	3.0	2.0	4.0	24.0	5.0	7.0	2.0	7.0	7.0	71.0	5.9
Check Service	HOURS	13.0	6.0	26.0	15.0	12.0	24.0	17.0	19.0	7.0	20.0	6.0	8.0	173.0	14.4
	TIMES	5.0	2.0	4.0	2.0	3.0	5.0	4.0	12.0	3.0	2.0	1.0	2.0	45.0	3.8
Rod Service	HOURS	25.0	14.0	41.0	18.0	129.0	55.0	96.0	17.0	105.0	43.0	67.0	80.0	690.0	57.5
	TIMES	5.0	3.0	7.0	3.0	22.0	12.0	16.0	10.0	19.0	6.0	8.0	14.0	125.0	10.4
Replace Service	HOURS	27.0	0.0	0.0	10.0	0.0	8.0	8.0	130.0	0.0	0.0	0.0	0.0	183.0	15.3
	TIMES	2.0	0.0	0.0	1.0	0.0	2.0	2.0	10.0	0.0	0.0	0.0	0.0	17.0	1.4
Repair Service	HOURS	30.0	24.0	0.0	15.0	71.0	55.0	28.0	22.0	47.0	0.0	20.0	32.0	344.0	28.7
	TIMES	4.0	1.0	0.0	5.0	3.0	4.0	6.0	16.0	4.0	0.0	1.0	4.0	48.0	4.0
Install Clean-Out	HOURS	32.0	25.0	0.0	18.0	0.0	12.0	25.0	22.0	56.0	0.0	0.0	0.0	190.0	15.8
	TIMES	2.0	1.0	0.0	3.0	0.0	4.0	4.0	1.0	2.0	0.0	0.0	0.0	17.0	1.4
Locate Service	HOURS	2.0	10.0	25.0	18.0	0.0	40.0	40.0	23.0	4.0	2.0	0.0	6.0	170.0	14.2
	TIMES	1.0	2.0	1.0	12.0	0.0	12.0	28.0	7.0	1.0	1.0	0.0	1.0	66.0	5.5
Check Main	HOURS	2.0	17.0	8.0	24.0	6.0	8.0	60.0	54.0	5.0	10.0	100.0	0.0	294.0	24.5
	TIMES	1.0	3.0	2.0	4.0	1.0	12.0	20.0	12.0	1.0	1.0	1.0	0.0	58.0	4.8
Rod Main	HOURS	79.0	51.0	0.0	18.0	27.0	60.0	78.0	48.0	66.0	92.0	75.0	61.0	655.0	54.6
	TIMES	7.0	5.0	0.0	2.0	3.0	20.0	8.0	7.0	6.0	6.0	5.0	4.0	73.0	6.1
Repair Main	HOURS	27.0	0.0	0.0	60.0	15.0	40.0	40.0	58.0	52.0	0.0	32.0	0.0	324.0	27.0
	TIMES	1.0	0.0	0.0	8.0	1.0	8.0	6.0	8.0	2.0	0.0	2.0	0.0	36.0	3.0
Manhole Work	HOURS	21.0	40.0	2.0	40.0	50.0	6.0	40.0	15.0	31.0	23.0	0.0	24.0	292.0	24.3
	TIMES	3.0	2.0	1.0	5.0	5.0	2.0	3.0	8.0	4.0	2.0	0.0	5.0	40.0	3.3
Road Work	HOURS	46.0	34.0	4.0	8.0	4.0	8.0	4.0	40.0	47.0	5.0	0.0	13.0	213.0	17.8
	TIMES	3.0	2.0	1.0	1.0	1.0	1.0	16.0	1.0	3.0	1.0	0.0	5.0	35.0	2.9
Landscape Work Area	HOURS	8.0	0.0	0.0	8.0	0.0	2.0	16.0	4.0	3.0	8.0	0.0	0.0	49.0	4.1
	TIMES	2.0	0.0	0.0	3.0	0.0	2.0	3.0	1.0	1.0	1.0	0.0	0.0	13.0	1.1
Cut Right-of-Way	HOURS	0.0	124.0	0.0	96.0	123.0	40.0	10.0	1.0	0.0	0.0	54.0	12.0	460.0	38.3
	TIMES	0.0	5.0	0.0	12.0	4.0	6.0	1.0	8.0	0.0	0.0	2.0	1.0	39.0	3.3
Other	HOURS	32.0	6.0	0.0	4.0	10.0	10.0	36.0	24.0	101.0	81.0	100.0	8.0	412.0	34.3
	TIMES	5.0	1.0	0.0	2.0	1.0	1.0	4.0	6.0	5.0	4.0	10.0	2.0	41.0	3.4
Total Hours		362.0	373.0	117.0	376.0	454.0	380.0	583.0	494.0	552.0	296.0	468.0	271.0	4726.0	393.8
Total Times		45.0	30.0	19.0	66.0	46.0	95.0	145.0	112.0	58.0	26.0	37.0	45.0	724.0	60.3

MAINTENANCE WORK REPORT
FY 2018-2019

Month of September 2018

Pump Station Maintenance		JULY 2018	AUG 2018	SEPT 2018	OCT 2017	NOV 2016	DEC 2016	JAN 2018	FEB 2018	MAR 2018	APR 2018	MAY 2018	JUN 2018	Total to Date	Average
Check Chester Station	HOURS	18.0	32.0	26.0	36.0	36.0	60.0	50.0	40.0	42.0	32.0	40.0	32.0	444.0	37.0
	TIMES	2.0	4.0	3.0	4.0	4.0	4.0	4.0	5.0	3.0	2.0	4.0	4.0	43.0	3.6
Check Richburg Station	HOURS	18.0	32.0	34.0	37.0	8.0	64.0	40.0	27.0	34.0	22.0	48.0	26.0	390.0	32.5
	TIMES	2.0	5.0	3.0	4.0	1.0	5.0	4.0	5.0	3.0	2.0	4.0	3.0	41.0	3.4
Service Pumps	HOURS	24.0	0.0	5.0	3.0	0.0	0.0	42.0	110.0	0.0	0.0	177.0	26.0	387.0	32.3
	TIMES	1.0	0.0	1.0	1.0	0.0	0.0	4.0	8.0	0.0	0.0	6.0	2.0	23.0	1.9
Service Controls	HOURS	12.0	8.0	0.0	0.0	0.0	11.0	14.0	12.0	0.0	0.0	6.0	132.0	195.0	16.3
	TIMES	1.0	1.0	0.0	0.0	0.0	3.0	3.0	4.0	0.0	0.0	1.0	7.0	20.0	1.7
Other	HOURS	10.0	35.0	58.0	72.0	47.0	14.0	44.0	15.0	43.0	10.0	49.0	65.0	462.0	38.5
	TIMES	2.0	7.0	2.0	8.0	4.0	4.0	5.0	3.0	7.0	1.0	5.0	16.0	64.0	5.3
Total Hours		82.0	107.0	123.0	148.0	91.0	149.0	190.0	204.0	119.0	64.0	320.0	281.0	1878.0	156.5
Total Times		8.0	17.0	9.0	17.0	9.0	16.0	20.0	25.0	13.0	5.0	20.0	32.0	191.0	15.9
Preventive Maintenance															
Smoke Test	HOURS	0.0	4.0	0.0	2.0	0.0	0.0	25.0	17.0	0.0	15.0	0.0	0.0	63.0	5.3
	TIMES	0.0	1.0	0.0	1.0	0.0	0.0	3.0	3.0	0.0	2.0	0.0	0.0	10.0	0.8
Inspect Manholes	HOURS	0.0	0.0	52.0	75.0	16.0	12.0	54.0	0.0	0.0	0.0	9.5	0.0	218.5	18.2
	TIMES	0.0	0.0	4.0	10.0	2.0	4.0	12.0	0.0	0.0	0.0	1.0	0.0	33.0	2.8
Clean Manholes	HOURS	0.0	0.0	0.0	8.0	0.0	0.0	4.0	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	2.0	0.0	0.0	0.0	0.0	0.0	3.0	0.3
Clean Mains	HOURS	41.0	0.0	100.0	40.0	41.0	37.0	80.0	50.0	86.0	15.0	77.0	0.0	567.0	47.3
	TIMES	2.0	0.0	5.0	8.0	3.0	4.0	8.0	5.0	2.0	1.0	4.0	0.0	42.0	3.5
Check Right-of-Way	HOURS	31.0	18.0	0.0	40.0	0.0	0.0	8.0	12.0	0.0	0.0	25.5	2.0	136.5	11.4
	TIMES	4.0	4.0	0.0	10.0	0.0	0.0	2.0	2.0	0.0	0.0	2.0	1.0	25.0	2.1
TV Lines	HOURS	33.0	10.0	15.0	16.0	53.0	65.0	30.0	12.0	17.0	20.0	23.0	42.0	336.0	28.0
	TIMES	4.0	1.0	1.0	2.0	5.0	7.0	6.0	24.0	2.0	2.0	2.0	4.0	60.0	5.0
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	181.0	110.0	114.0	201.0	94.0	103.0	50.0	135.0	48.0	1393.0	116.1
Total Times		11.0	13.0	10.0	32.0	10.0	15.0	33.0	34.0	4.0	5.0	9.0	6.0	182.0	15.2
New Taps															
Residential	HOURS	0.0	72.0	0.0	0.0	0.0	0.0	15.0	0.0	0.0	36.0	0.0	0.0	123.0	10.3
	TIMES	0.0	2.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	1.0	0.0	0.0	5.0	0.4
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	0.0	0.0	15.0	0.0	0.0	36.0	0.0	0.0	123.0	10.3
Total Times		0.0	2.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	1.0	0.0	0.0	5.0	0.4

CHESTER COUNTY WASTEWATER RECOVERY
MAINTENANCE WORK REPORT
FY 2018-2019

Month of September 2018

Shop Maintenance		JULY 2018	AUG 2018	SEPT 2018	OCT 2017	NOV 2017	DEC 2017	JAN 2018	FEB 2018	MAR 2018	APR 2018	MAY 2018	JUN 2018	Total to Date	Average
Clean Trucks	HOURS	15.0	23.0	6.0	8.0	16.0	16.0	8.0	4.0	4.0	18.0	0.0	11.0	129.0	10.8
	TIMES	10.0	10.0	3.0	1.0	3.0	5.0	3.0	5.0	2.0	4.0	0.0	6.0	52.0	4.3
Check Equipment	HOURS	5.0	8.0	11.0	24.0	10.0	15.0	6.0	13.0	2.0	12.0	0.0	0.0	106.0	8.8
	TIMES	3.0	5.0	2.0	4.0	1.0	3.0	2.0	2.0	1.0	2.0	0.0	0.0	25.0	2.1
Service Equipment	HOURS	21.0	22.0	17.0	20.0	21.0	41.0	16.0	5.0	56.0	76.0	15.0	44.0	354.0	29.5
	TIMES	4.0	4.0	2.0	3.0	4.0	7.0	3.0	4.0	6.0	5.0	4.0	7.0	53.0	4.4
Grounds Maintenance	HOURS	7.0	35.0	8.0	8.0	10.0	21.0	4.0	3.0	2.0	0.0	36.0	0.0	134.0	11.2
	TIMES	2.0	4.0	1.0	1.0	3.0	4.0	1.0	1.0	1.0	0.0	3.0	0.0	21.0	1.8
Stock Supplies	HOURS	6.0	8.0	0.0	2.0	10.0	0.0	10.0	10.0	0.0	5.0	0.0	1.0	52.0	4.3
	TIMES	1.0	1.0	0.0	1.0	2.0	0.0	1.0	1.0	0.0	1.0	0.0	1.0	9.0	0.8
Re-Stock Trucks	HOURS	10.0	13.0	7.0	4.0	18.0	8.0	9.0	6.0	3.0	11.0	9.0	4.0	102.0	8.5
	TIMES	5.0	6.0	4.0	4.0	4.0	4.0	3.0	3.0	1.0	4.0	2.0	3.0	43.0	3.6
Haul Spoil Dirt	HOURS	12.0	9.0	0.0	1.0	0.0	0.0	0.0	1.0	20.0	40.0	0.0	33.0	116.0	9.7
	TIMES	2.0	1.0	0.0	1.0	0.0	0.0	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	4.0	0.0	2.0	6.0	3.0	4.0	0.0	0.0	10.0	33.0	2.8
	TIMES	2.0	0.0	0.0	2.0	0.0	1.0	3.0	5.0	2.0	0.0	0.0	5.0	20.0	1.7
Other	HOURS	16.0	1.0	9.0	3.0	16.0	13.0	32.0	8.0	2.0	52.0	0.0	6.0	158.0	13.2
	TIMES	6.0	1.0	9.0	6.0	1.0	5.0	2.0	1.0	1.0	5.0	0.0	3.0	40.0	3.3
Total Hours		96.0	119.0	58.0	74.0	101.0	116.0	91.0	53.0	93.0	214.0	60.0	109.0	1184.0	98.7
Total Times		35.0	32.0	21.0	23.0	18.0	29.0	18.0	30.0	15.0	22.0	9.0	28.0	280.0	23.3
Inspections															
New Services	HOURS	0.0	0.0	3.0	0.0	0.0	4.0	0.0	20.0	0.0	0.0	5.0	0.0	32.0	2.7
	TIMES	0.0	0.0	1.0	0.0	0.0	1.0	0.0	2.0	0.0	0.0	1.0	0.0	5.0	0.4
Repair Existing Service	HOURS	0.0	0.0	0.0	40.0	0.0	0.0	4.0	70.0	0.0	0.0	0.0	0.0	114.0	9.5
	TIMES	0.0	0.0	0.0	5.0	0.0	0.0	1.0	14.0	0.0	0.0	0.0	0.0	20.0	1.7
New Construction	HOURS	10.0	26.0	22.0	0.0	55.0	0.0	10.0	10.0	46.0	22.0	22.0	0.0	223.0	18.6
	TIMES	2.0	11.0	10.0	0.0	7.0	0.0	2.0	5.0	9.0	6.0	2.0	0.0	54.0	4.5
Rehab Existing	HOURS	0.0	0.0	0.0	60.0	0.0	0.0	0.0	70.0	0.0	0.0	0.0	0.0	130.0	10.8
	TIMES	0.0	0.0	0.0	10.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	20.0	1.7
Other-Grease traps	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		10.0	26.0	25.0	100.0	55.0	4.0	14.0	170.0	46.0	22.0	27.0	0.0	499.0	41.6
Total Times		2.0	11.0	11.0	15.0	7.0	1.0	3.0	31.0	9.0	6.0	3.0	0.0	99.0	8.3

MAINTENANCE WORK REPORT
FY 2018-2019

Month of September 2018

Plant Maintenance		JULY 2018	AUG 2018	SEPT 2018	OCT 2017	NOV 2017	DEC 2017	JAN 2018	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	1.0	2.0	0.0	0.0	0.0	0.0	3.0	0.3
	TIMES	0.0	0.0	0.0	0.0	0.0	0.0	1.0	4.0	0.0	0.0	0.0	0.0	5.0	0.4
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	12.0	19.0	10.0	5.0	20.0	83.0	56.0	41.0	19.0	478.0	39.8
	TIMES	4.0	1.0	7.0	3.0	2.0	2.0	2.0	3.0	4.0	2.0	4.0	3.0	37.0	3.1
Total Hours		48.0	15.0	150.0	32.0	19.0	10.0	6.0	22.0	83.0	56.0	41.0	19.0	501.0	41.8
Total Times		4.0	1.0	7.0	4.0	2.0	2.0	3.0	7.0	4.0	2.0	4.0	3.0	43.0	3.6
Line Locations															
Locate for Utilities	HOURS	0.0	0.0	2.0	12.0	19.0	45.0	0.0	1.0	0.0	0.0	1.0	6.0	86.0	7.2
	TIMES	0.0	0.0	1.0	3.0	5.0	25.0	0.0	1.0	0.0	0.0	1.0	2.0	38.0	3.2
Locate for Contractors	HOURS	0.0	0.0	10.0	45.0	30.0	23.0	0.0	5.0	0.0	0.0	0.0	0.0	113.0	9.4
	TIMES	0.0	0.0	1.0	12.0	5.0	7.0	0.0	2.0	0.0	0.0	0.0	0.0	27.0	2.3
Other	HOURS	36.0	43.0	25.0	0.0	0.0	5.0	30.0	27.0	72.0	38.0	17.0	51.0	344.0	28.7
	TIMES	3.0	6.0	4.0	0.0	0.0	10.0	6.0	7.0	16.0	7.0	4.0	11.0	74.0	6.2
Total Hours		36.0	43.0	37.0	57.0	49.0	73.0	30.0	33.0	72.0	38.0	18.0	57.0	543.0	45.3
Total Times		3.0	6.0	6.0	15.0	10.0	42.0	6.0	10.0	16.0	7.0	5.0	13.0	139.0	11.6
Non-Category-training	HOURS	22.0	41.0	37.0	115.0	109.0	17.0	4.0	4.0	29.0	60.0	30.0	23.0	491.0	40.9
	TIMES	7.0	5.0	5.0	11.0	12.0	4.0	1.0	2.0	4.0	4.0	3.0	5.0	63.0	5.3
Lost Time															
Sick Days	HOURS	40.0	44.0	32.0	24.0	16.0	16.0	24.0	24.0	48.0	32.0	16.0	64.0	380.0	31.7
	TIMES	5.0	6.0	4.0	3.0	3.0	2.0	3.0	3.0	7.0	5.0	2.0	8.0	51.0	4.3
Vacations	HOURS	56.0	48.0	40.0	72.0	48.0	168.0	32.0	24.0	72.0	80.0	104.0	136.0	880.0	73.3
	TIMES	7.0	6.0	5.0	9.0	6.0	21.0	4.0	3.0	9.0	10.0	13.0	17.0	110.0	9.2
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	0.0	0.0	0.0		0.0	0.0	8.0	0.0	0.0	24.0	2.0
	TIMES	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	3.0	0.3
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	96.0	208.0	328.0	152.0	48.0	136.0	168.0	168.0	248.0	1324.0	110.3
Total Times		18.0	12.0	18.0	12.0	27.0	41.0	19.0	6.0	18.0	22.0	21.0	31.0	169.0	14.1
Overtime Worked	HOURS	76.0	52.5	46.5	44.0	99.0	90.0	110.0	128.0	96.0	100.0	147.0	67.0	352.0	29.3
	TIMES	40.0	37.0	35.0	39.0	56.0	54.0	64.0	69.0	70.0	58.0	72.0	27.0	608.0	50.7

CWR

CHESTER COUNTY WASTEWATER RECOVERY

Board of Commissioners'

October 2018 Projects & Director's Update

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 September and early October 2018 related to Rocky Creek Wastewater Collection System / Lancaster Highway (#9) Project:

- To date, CWR has made five (5) separate Requests for Reimbursement for a combined sum of $ 85,159.56 from RIA;
- Dellinger Construction provided an updated schedule indicating the project would extend through October. Much of this time delay was due to the time spent coring rock. As of September 10th, the contractor had drilled 60 feet. Dellinger is speaking to a third boring crew to help speed the process up on the smaller bores;
- Per the schedule now, everything should be finished by the beginning of October except for Lines C & D. These lines will be constructed at the completion of the coring;
- Dellinger had spoken to Darby's Well Service to install the well at the pump station. The well replaces the need for a water tap and bore under Highway 9;
- We are also looking into the waterline replacement at Old Richburg Road. The construction drawings indicated that the contractor would replace 20+ feet of pipe that was crossing over the wastewater line area. The waterline is routed differently in the field than was shown on the plan. AECOM is working on a sketch and an associated cost estimate to review what the water company is requesting. The associated sketch and cost estimate will be forwarded for review and comments;
- Dellinger requested permission to blast within the Highway 9 Right of Way from SCDOT. The team called the SCDOT to discuss. SCDOT indicated that they would need to have a better comfort level on the safety of blasting within the SCDOT Right of Way. On August 10, AECOM received a phone call from Allison Love and David Gamble (SCDOT) requesting the following:
    - **i.** Traffic control plan
    - **ii.** Safety and contingency plan

iii. A licensed, bonded, and insured blasting agency

iv. Blasting plan

v. Other options that have been explored, such as rotating crews on jackhammer for 24-hour operations.

- ***We received approval to move forward with the Blasting plan as of September 12, 2018.***

Pay Request

Pay Requests Number 6, 7, and 8 – were submitted reviewed, revised, and approved for payment.

Schedule Update

- As of September 26, 2018, by linear footage (lf) in the ground, 20,600 lf / 26,954 lf Total = 76% complete;

- By Pay Request Dollars - $3,657,274.74 complete / $5,599,403 Total = 65% complete;

- By days of contract – 257 days in / 270 days total = 82 % of contract time.

- Another rock (hopefully a boulder) was found at 40 feet within the direction bore at the Nippon Plant. Dellinger has proceeded with the larger casing;

- The schedule was provided with the minutes for a completion by December 15. This included approximately 35 rain days and delays from the rock boring and blasting. There are no other know encumbrances with the schedule that would postpone that date. It was suggested that CWR allow about 60 days to that schedule to close out grants for the project;

- After the construction meeting, AECOM and CWR met with Chester Metropolitan District (CMD) to discuss the waterline installation at Old Richburg Road. CMD indicated that they would look for any 8 inch C900 PVC that could replace the approximate 75 feet of aged DIP. They also indicated that they would provide a fire hydrant and hydrant valve to the Dellinger; and

- Finally, the Contractor's (Dellinger) schedule indicates that an extension will be required. A formal request will be made after a determination of the length of necessary extension is established by the contractor and reviewed by AECOM.

Town of Fort Lawn

In accordance with the MOU, Mayor Rumford and I have continued to have dialog concerning the potential acquisition of the Fort Lawn Wastewater System.

City of Chester

No activity to report.

Lower Catawba River Basin (LOWCARB) Dischargers Stakeholder Group

SC DHEC has indicated that they are amenable to site specific water quality standards and are beginning the process of engaging stakeholders in this review.

Community Development Block Grant (CDBG) Roundtree Pump Station

We (Mr. Hunter and I) met with members of SC-CDBG's Stefanie Smith Derwort, the COG's Grazier Rhea, Chester County, and AECOM for a coordination meeting. I also signed an associated performance agreement and submitted it to the COG.

Miscellaneous Notes

- CWR hired a new Executive Assistant, Ms. Shica Evans, who started on October 8th;
- We are continuing to work with the Chester County Gas Authority concerning right-of-way sharing;
- We began billing of Industrial Users in September;
- The New Rate Structure and Rate Schedule went into effect on October 1, 2108, and we worked with CMD concerning the logistics associated with this endeavor; and
- We replied to various economic development inquires.

CWR
CHESTER COUNTY WASTEWATER RECOVERY

Chester Sewer District
Year-to-Date Budget to Actual Comparison
Month Ended September 30, 2018

	Annual Budget	YTD Budget	MTD Actual	YTD Actual	Variance Over / (Under)
REVENUE					
Wastewater treatement Services	$ 4,841,968	1,210,492	414,254	1,189,981	$ (20,511)
Pretreatment Charges	31,039	7,760	2,373	14,346	6,586
Other Income	-	-	-	-	-
Interest Income	-	-	1,370	4,340	4,340
Capital Projects	143,478	35,870	12,386	36,697	828
Total Revenue	$ 5,016,485	1,254,121	430,383	1,245,364	$ (8,757)
EXPENSE					
Administration	$ 1,062,700	265,675	87,040	183,268	$ (82,407)
Maintenance	1,022,000	255,500	47,554	193,705	(61,795)
Lando Plant	289,700	72,425	15,103	46,570	(25,855)
Sandy River	602,900	150,725	49,609	121,562	(29,163)
Rocky Creek	732,500	183,125	51,318	146,512	(36,613)
Pretreatment	185,600	46,400	11,714	28,427	(17,973)
Debt Service	606,100	151,525	18,128	54,384	(97,141)
Capital Expenditures	395,000	98,750	123,412	123,412	24,662
Depreciation Fund	119,985	29,996	5,340	29,996	(0)
Total Expense	$ 5,016,485	1,254,121	409,218	927,836	$ (326,285)
Increase / (Decrease) of Revenue over Expenses			21,165	317,528	
Grant Revenue - RIA			-	96,979	
Grant Expense - Highway #9 Extension			4,842	752,246	
				-	
Total Surplus(deficit)			**16,323**	**(337,739)**	