Proposed Agenda

April 16, 2019
3261 Lancaster Hwy
Richburg, SC 29729
6:00PM

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.** CDBG Project Bid Approval - **Mr. Phillip A. Thompson-King**
- **b.** Information Technology Services RFP - **Mr. Joel Manning**
- **c.** Public Comment

VII. Reports

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

VIII. Executive Session

- Legal Advice

IX. Adjourn

Chester County Wastewater Recovery
Commission Meeting

April 16, 2019

The Chester Sewer District held its monthly Board of Commissioners Meeting on Tuesday, April 16, 2019 at 6:00 PM at the CSD office located at 3261 Lancaster Highway, Richburg, SC. Commissioners in attendance were Mr. Tony Pope, Chairman; Ms. Edena Sanders, Secretary; Ms. Gloria O. Crank, Board Member; Mr. Phillip A. Thompson-King, Director; Mr. Joel Manning, Financial Analyst; Mr. Tony Young; Ms. Devon Beaty, Pretreatment Coordinator; Mr. Michael Hunter; and Mr. Arthur Gaston, Mr. Everett Stubbs, and Mr. W.C. Corbett, Attorneys. Notification of this meeting was given in the Chester News and Reporter, posted on the CWD/CWR website, and on the bulletin board at the Administrative Office.

Invocation -- Chairman Tony Pope

Pledge of Allegiance

The minutes from the February 19 2019 meeting were approved. Motion to approve the minutes was made by Ms. Edena Sanders, second by Ms. Gloria Crank, and unanimously approved.

Chairman Tony Pope called for Old Business:

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

Pre-Treatment - Ms. Devon Beaty presented reports for

Maintenance Report - Mr. Michael Hunter presented reports for

Project Update - Mr. Phillip A. Thompson-King presented reports for March 2019. A copy of the report is attached to the minutes.

Chairman Tony Pope called for a motion to approve authorization of $25,000 for future services that will be rendered by URS to CWR as needed.

Motion to approve was made by Ms. Gloria Crank, second by Ms. Edena Sanders and unanimously approved.

Chairman Tony Pope called for New Business:

CDBG Project Bid Approval:

Mr. Phillip Thompson-King presented the bids and recommendation report received from AECOM. The recommendation was for acceptance of the low bid of $296,490.00 received from SM Grading and Excavating LLC of Jonesville, SC.

Chairman Tony Pope called for a motion to approve the bid of SM Grading and Excavating, LLC.

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

Information Technology Services RFP:

Joel Manning reviewed the proposal process and recommended that CWR sign a service agreement with Cyber Solutions of Anderson, SC.

Chairman Tony Pope called for a motion to approve the proposal of Cyber Solutions of Anderson, SC.

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

Chairman Tony Pope called for the reports:

Financial Report: Mr. Joel Manning presented the report for March 2019. A copy of the report is attached to the minutes.

Executive Session

Chairman Tony Pope asked for a motion to adjourn from Executive Session.

The motion to adjourn from Executive Session was made by Ms. Gloria Crank, second by Ms. Edena Sanders and unanimously approved.

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

With there being no further business to discuss, Chairman Tony Pope asked for a Motion to Adjourn.

Adjourn:

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

Approved: Respectfully Submitted:

Date: April 25, 2019 By: William H. White

Court Reporter

Attachments to minutes:

1. Monthly Report for Plant Operations

2. Industrial Pretreatment Report

3. Maintenance Work Report

4. Projects and Director's Update

5. AECOM Bids Tabulation and Recommendation

6. Financial Report

Exhibits

Meeting - 1
5:0

Meeting - 2
5:0

Meeting - 3
5:0

Meeting - 4
5:0

Meeting - 5
5:0

Meeting - 6
5:0

April 16, 2019

Memorandum

To: Phillip A. Thompson-King

From: Tony Young

Subject: Monthly Report for Plant operations

Sandy River plant overall is operating well.

The following a listing of completed tasks for March 2019:

- We performed daily and weekly sampling, as well as routine maintenance.
- We wasted 238,118 gallons of sludge.
- Dewatered 213,240 gallons dewatered.
- Keith Cannon, the design engineer, came and looked at the Grit Structure for the upcoming project.
- The well at Sandy River was reinstalled by James Darby.
- The flow meters were calibrated and a corroded plug was replaced.

Rocky Creek plant overall is operating well.

The following a listing of completed tasks for March 2019:

- We performed daily and weekly sampling, as well as routine maintenance.
- We wasted 138,000 gallons of sludge.
- We dewatered 74,988 gallons of water from the sludge.
- The flow meters were calibrated.

Lando/Manetta plant overall is operating well.

The following a listing of completed tasks for March 2019:

- We performed daily and weekly sampling, as well routine maintenance.
- We hauled 39,600 gallons of sludge from Lando to Sandy River.
- We wasted 52,795 gallons of sludge .
- We dewatered 17,225 gallons of water from the sludge.
- The flow meters were calibrated.

Board of Commissioners

April 16, 2019 Update:

Industrial Pretreatment

Economic Development:

-Meeting with Shayonano

-Assisted with several locate requests

Training:

-Received Biological Wastewater D License

-Attended Pretreatment Consortium

-EPA Audit of Program

-Watched and met with team concerning operations challenge at SCEC

Compliance:

-Updating Signatory Authority from all Industries

-Updating Hazardous Waste notifications from all Industries

-Meeting with EQI concerning state of service

-Spoke with Roseburg and DHEC concerning permitting process

- Call and meeting with Jones Hamilton concerning Nickle Excursion

-Organized Industrial Lunch and Learn for Industries, gave awards for 100% compliance

-Worked towards adding World Water Day information on website

FOG (Fats, Oils, Greases)

-Working on PSA- having to start over on planning

Other

-Attended two construction update meetings

-Attended the Soil and Water Conservation Banquet on behalf of District

- Participated with two Lower Catawba TMDL conference calls

-Meeting with Verizon Wireless

-Several Public Education Committee Conference calls

-Organized Earth Day Creek Sweep of Tanyard Branch in Chester

EXHIBIT
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85 YEARS OF
TRADITION & EXCELLENCE

CHESTER COUNTY WASTEWATER RECOVERY
MAINTENANCE WORK REPORT
FY 2018-2019

Month of March 2019

Line Maintenance		JULY 2018	AUG 2018	SEPT 2018	OCT 2018	NOV 2018	DEC 2018	JAN 2019	FEB 2019	MAR 2019	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	55.0	7.0	12.0	14.0	27.0	275.0	22.9
	TIMES	4.0	3.0	3.0	5.0	3.0	6.0	5.0	7.0	4.0	2.0	7.0	7.0	56.0	4.7
Check Service	HOURS	13.0	6.0	26.0	18.0	16.0	2.0	17.0	24.0	38.0	20.0	6.0	8.0	194.0	16.2
	TIMES	5.0	2.0	4.0	2.0	2.0	1.0	3.0	3.0	7.0	2.0	1.0	2.0	34.0	2.8
Rod Service	HOURS	25.0	14.0	41.0	12.0	24.0	50.0	80.0	45.0	86.0	43.0	67.0	80.0	567.0	47.3
	TIMES	5.0	3.0	7.0	6.0	5.0	10.0	10.0	9.0	13.0	6.0	8.0	14.0	96.0	8.0
Replace Service	HOURS	27.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.0	2.3
	TIMES	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.2
Repair Service	HOURS	30.0	24.0	0.0	0.0	0.0	0.0	25.0	1.0	4.0	0.0	20.0	32.0	136.0	11.3
	TIMES	4.0	1.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0	0.0	1.0	4.0	13.0	1.1
Install Clean-Out	HOURS	32.0	25.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	57.0	4.8
	TIMES	2.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.3
Locate Service	HOURS	2.0	10.0	25.0	15.0	7.0	10.0	44.0	0.0	0.0	2.0	0.0	6.0	121.0	10.1
	TIMES	1.0	2.0	1.0	1.0	2.0	1.0	4.0	0.0	0.0	1.0	0.0	1.0	14.0	1.2
Check Main	HOURS	2.0	17.0	8.0	0.0	1.0	10.0	0.0	0.0	0.0	10.0	100.0	0.0	148.0	12.3
	TIMES	1.0	3.0	2.0	0.0	1.0	1.0	0.0	0.0	0.0	1.0	1.0	0.0	10.0	0.8
Rod Main	HOURS	79.0	51.0	0.0	49.0	15.0	44.0	80.0	23.0	64.0	92.0	75.0	61.0	633.0	52.8
	TIMES	7.0	5.0	0.0	3.0	1.0	3.0	6.0	2.0	7.0	6.0	5.0	4.0	49.0	4.1
Repair Main	HOURS	27.0	0.0	0.0	0.0	32.0	0.0	0.0	0.0	0.0	0.0	32.0	0.0	91.0	7.6
	TIMES	1.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	4.0	0.3
Manhole Work	HOURS	21.0	40.0	2.0	10.0	0.0	0.0	0.0	8.0	12.0	23.0	0.0	24.0	140.0	11.7
	TIMES	3.0	2.0	1.0	1.0	0.0	0.0	0.0	1.0	1.0	2.0	0.0	5.0	16.0	1.3
Road Work	HOURS	46.0	34.0	4.0	1.0	16.0	0.0	24.0	0.0	0.0	5.0	0.0	13.0	143.0	11.9
	TIMES	3.0	2.0	1.0	1.0	1.0	0.0	1.0	0.0	0.0	1.0	0.0	5.0	15.0	1.3
Landscape Work Area	HOURS	8.0	0.0	0.0	0.0	0.0	25.0	15.0	1.0	8.0	8.0	0.0	0.0	65.0	5.4
	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	0.0	0.0	0.0	54.0	12.0	222.0	18.5
	TIMES	0.0	5.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	2.0	1.0	9.0	0.8
Other	HOURS	32.0	6.0	0.0	15.0	2.0	9.0	15.0	1.0	0.0	81.0	100.0	8.0	269.0	22.4
	TIMES	5.0	1.0	0.0	1.0	1.0	1.0	1.0	1.0	0.0	4.0	10.0	2.0	27.0	2.3
Total Hours		362.0	373.0	117.0	160.0	118.0	224.0	322.0	158.0	219.0	296.0	468.0	271.0	3088.0	257.3
Total Times		45.0	30.0	19.0	20.0	17.0	26.0	32.0	25.0	34.0	26.0	37.0	45.0	356.0	29.7

EXHIBIT
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CHESTER COUNTY WASTEWATER RECOVERY
MAINTENANCE WORK REPORT
FY 2018-2019

Month of March 2019

Pump Station Maintenance		JULY 2018	AUG 2018	SEPT 2018	OCT 2018	NOV 2018	DEC 2018	JAN 2019	FEB 2019	MAR 2019	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	28.0	36.0	32.0	40.0	32.0	370.0	30.8
	TIMES	2.0	4.0	3.0	2.0	3.0	4.0	4.0	3.0	3.0	2.0	4.0	4.0	38.0	3.2
Check Richburg Station	HOURS	18.0	32.0	34.0	25.0	36.0	34.0	48.0	32.0	36.0	22.0	48.0	26.0	391.0	32.6
	TIMES	2.0	5.0	3.0	2.0	3.0	4.0	4.0	3.0	3.0	2.0	4.0	3.0	38.0	3.2
Service Pumps	HOURS	24.0	0.0	5.0	15.0	8.0	0.0	0.0	0.0	0.0	0.0	177.0	26.0	255.0	21.3
	TIMES	1.0	0.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	6.0	2.0	12.0	1.0
Service Controls	HOURS	12.0	8.0	0.0	37.0	49.0	30.0	13.0	20.0	2.0	0.0	6.0	132.0	309.0	25.8
	TIMES	1.0	1.0	0.0	3.0	4.0	2.0	2.0	1.0	1.0	0.0	1.0	7.0	23.0	1.9
Other	HOURS	10.0	35.0	58.0	187.0	38.0	28.0	79.0	69.0	54.0	10.0	49.0	65.0	682.0	56.8
	TIMES	2.0	7.0	2.0	12.0	7.0	3.0	4.0	3.0	6.0	1.0	5.0	16.0	68.0	5.7
Total Hours		82.0	107.0	123.0	284.0	163.0	122.0	184.0	149.0	128.0	64.0	320.0	281.0	2007.0	167.3
Total Times		8.0	17.0	9.0	20.0	18.0	13.0	14.0	10.0	13.0	5.0	20.0	32.0	179.0	14.9
Preventive Maintenance															
Smoke Test	HOURS	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	0.0	0.0	19.0	1.6
	TIMES	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	3.0	0.3
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	0.0	36.0	15.0	77.0	0.0	331.0	27.6
	TIMES	2.0	0.0	5.0	5.0	0.0	0.0	0.0	0.0	2.0	1.0	4.0	0.0	19.0	1.6
Check Right-of-Way	HOURS	31.0	18.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.5	2.0	76.5	6.4
	TIMES	4.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	1.0	11.0	0.9
TV Lines	HOURS	33.0	10.0	15.0	40.0	0.0	10.0	68.0	10.0	16.0	20.0	23.0	42.0	287.0	23.9
	TIMES	4.0	1.0	1.0	3.0	0.0	1.0	3.0	1.0	3.0	2.0	2.0	4.0	25.0	2.1
Other	HOURS	15.0	38.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	57.0	4.8
	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	10.0	52.0	50.0	135.0	48.0	886.0	73.8
Total Times		11.0	13.0	10.0	13.0	0.0	1.0	3.0	1.0	5.0	5.0	9.0	6.0	77.0	6.4
New Taps															
Residential	HOURS	0.0	72.0	0.0	0.0	44.0	40.0	115.0	25.0	0.0	36.0	0.0	0.0	332.0	27.7
	TIMES	0.0	2.0	0.0	0.0	1.0	1.0	3.0	1.0	0.0	1.0	0.0	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	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	25.0	0.0	36.0	0.0	0.0	332.0	27.7
Total Times		0.0	2.0	0.0	0.0	1.0	1.0	3.0	1.0	0.0	1.0	0.0	0.0	9.0	0.8

CHESTER COUNTY WASTEWATER RECOVERY
MAINTENANCE WORK REPORT
FY 2018-2019

Month of March 2019

Shop Maintenance		JULY 2018	AUG 2018	SEPT 2018	OCT 2018	NOV 2018	DEC 2018	JAN 2019	FEB 2019	MAR 2019	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	2.0	10.0	18.0	*0.0*	11.0	146.0	12.2
	TIMES	10.0	10.0	3.0	4.0	3.0	2.0	2.0	2.0	2.0	4.0	*0.0*	6.0	48.0	4.0
Check Equipment	HOURS	5.0	8.0	11.0	53.0	5.0	4.0	0.0	0.0	9.0	12.0	*0.0*	0.0	107.0	8.9
	TIMES	3.0	5.0	2.0	4.0	1.0	1.0	0.0	0.0	2.0	2.0	*0.0*	0.0	20.0	1.7
Service Equipment	HOURS	21.0	22.0	17.0	5.0	8.0	24.0	9.0	9.0	36.0	76.0	*15.0*	44.0	286.0	23.8
	TIMES	4.0	4.0	2.0	1.0	1.0	4.0	5.0	8.0	6.0	5.0	*4.0*	7.0	51.0	4.3
Grounds Maintenance	HOURS	7.0	35.0	8.0	20.0	16.0	102.0	12.0	6.5	75.0	0.0	*36.0*	0.0	317.5	26.5
	TIMES	2.0	4.0	1.0	1.0	1.0	5.0	1.0	7.0	6.0	0.0	*3.0*	0.0	31.0	2.6
Stock Supplies	HOURS	6.0	8.0	0.0	0.0	10.0	6.0	6.0	31.0	17.0	5.0	*0.0*	1.0	90.0	7.5
	TIMES	1.0	1.0	0.0	0.0	1.0	1.0	1.0	2.0	2.0	1.0	*0.0*	1.0	11.0	0.9
Re-Stock Trucks	HOURS	10.0	13.0	7.0	10.0	16.0	9.0	4.0	0.0	2.0	11.0	*9.0*	4.0	95.0	7.9
	TIMES	5.0	6.0	4.0	4.0	2.0	2.0	1.0	0.0	2.0	4.0	*2.0*	3.0	35.0	2.9
Haul Spoil Dirt	HOURS	12.0	9.0	0.0	0.0	0.0	9.0	0.0	0.0	0.0	40.0	*0.0*	33.0	103.0	8.6
	TIMES	2.0	1.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	1.0	*0.0*	3.0	8.0	0.7
Check Alarm	HOURS	4.0	0.0	0.0	0.0	0.0	8.0	4.0	0.0	0.0	0.0	*0.0*	10.0	26.0	2.2
	TIMES	2.0	0.0	0.0	0.0	0.0	4.0	2.0	0.0	0.0	0.0	*0.0*	5.0	13.0	1.1
Other	HOURS	16.0	1.0	9.0	15.0	6.0	9.0	13.0	152.0	8.0	52.0	*0.0*	6.0	287.0	23.9
	TIMES	6.0	1.0	9.0	15.0	6.0	9.0	13.0	11.0	5.0	5.0	*0.0*	3.0	83.0	6.9
Total Hours		**96.0**	**119.0**	**58.0**	**120.0**	**80.0**	**194.0**	**50.0**	**200.5**	157.0	**214.0**	*60.0*	**109.0**	1457.5	121.5
Total Times		**35.0**	**32.0**	**21.0**	**29.0**	**15.0**	**29.0**	**25.0**	**30.0**	25.0	**22.0**	*9.0*	**28.0**	300.0	25.0
Inspections															
New Services	HOURS	0.0	0.0	3.0	0.0	0.0	1.0	8.0	0.0	0.0	0.0	*5.0*	0.0	17.0	1.4
	TIMES	0.0	0.0	1.0	0.0	0.0	1.0	4.0	0.0	0.0	0.0	*1.0*	0.0	7.0	0.6
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	10.0	26.0	22.0	70.0	18.0	40.0	35.0	31.0	35.0	22.0	*22.0*	0.0	331.0	27.6
	TIMES	2.0	11.0	10.0	20.0	7.0	16.0	15.0	13.0	12.0	6.0	*2.0*	0.0	114.0	9.5
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	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**	**31.0**	35.0	**22.0**	*27.0*	**0.0**	360.0	30.0
Total Times		**2.0**	**11.0**	**11.0**	**21.0**	**7.0**	**17.0**	**19.0**	**13.0**	12.0	**6.0**	*3.0*	**0.0**	122.0	10.2

CHESTER COUNTY WASTEWATER RECOVERY
MAINTENANCE WORK REPORT
FY 2018-2019

Month of March 2019

Plant Maintenance		JULY 2018	AUG 2018	SEPT 2018	OCT 2018	NOV 2018	DEC 2018	JAN 2019	FEB 2019	MAR 2019	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	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*	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	52.0	56.0	*41.0*	19.0	710.0	59.2
	TIMES	4.0	1.0	7.0	6.0	6.0	2.0	0.0	1.0	3.0	2.0	*4.0*	3.0	39.0	3.3
Total Hours		**48.0**	**15.0**	**150.0**	**74.0**	**205.0**	**30.0**	**0.0**	**20.0**	**52.0**	**56.0**	***41.0***	**19.0**	**710.0**	**59.2**
Total Times		**4.0**	**1.0**	**7.0**	**6.0**	**6.0**	**2.0**	**0.0**	**1.0**	**3.0**	**2.0**	***4.0***	**3.0**	**39.0**	**3.3**
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	*1.0*	6.0	13.0	1.1
	TIMES	0.0	0.0	1.0	0.0	1.0	0.0	1.0	0.0	1.0	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	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	36.0	43.0	25.0	54.0	42.0	33.0	73.0	41.0	34.0	38.0	*17.0*	51.0	487.0	40.6
	TIMES	3.0	6.0	4.0	10.0	5.0	6.0	9.0	11.0	4.0	7.0	*4.0*	11.0	80.0	6.7
Total Hours		**36.0**	**43.0**	**37.0**	**54.0**	**43.0**	**33.0**	**75.0**	**41.0**	**35.0**	**38.0**	***18.0***	**57.0**	**510.0**	**42.5**
Total Times		**3.0**	**6.0**	**6.0**	**10.0**	**6.0**	**6.0**	**10.0**	**11.0**	**5.0**	**7.0**	***5.0***	**13.0**	**88.0**	**7.3**
Non-Category-training	HOURS	**22.0**	**41.0**	**37.0**	**86.0**	**24.0**	**35.0**	**0.0**	**8.0**	**22.0**	**60.0**	***30.0***	**23.0**	**388.0**	**32.3**
	TIMES	**7.0**	**5.0**	**5.0**	**10.0**	**1.0**	**4.0**	**0.0**	**1.0**	**2.0**	**4.0**	***3.0***	**5.0**	**47.0**	**3.9**
Lost Time															
Sick Days	HOURS	40.0	44.0	32.0	26.0	48.0	12.0	30.0	69.5	61.0	32.0	*16.0*	64.0	474.5	39.5
	TIMES	5.0	6.0	4.0	4.0	6.0	3.0	6.0	9.0	10.0	5.0	*2.0*	8.0	68.0	5.7
Vacations	HOURS	56.0	48.0	40.0	56.0	104.0	104.0	48.0	72.0	126.0	80.0	*104.0*	136.0	974.0	81.2
	TIMES	7.0	6.0	5.0	7.0	13.0	13.0	6.0	9.0	20.0	10.0	*13.0*	17.0	126.0	10.5
Holidays	HOURS	48.0	0.0	56.0	0.0	144.0	144.0	96.0	48.0	0.0	48.0	*48.0*	0.0	632.0	52.7
	TIMES	6.0	0.0	7.0	0.0	18.0	18.0	12.0	6.0	0.0	6.0	*6.0*	0.0	79.0	6.6
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	0.0	0.0	*0.0*	48.0	48.0	4.0
	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
Total Hours		**144.0**	**92.0**	**144.0**	**90.0**	**296.0**	**276.0**	**174.0**	**189.5**	**187.0**	**168.0**	***168.0***	**248.0**	**1496.5**	**124.7**
Total Times		**18.0**	**12.0**	**18.0**	**12.0**	**37.0**	**36.0**	**24.0**	**24.0**	**30.0**	**22.0**	***21.0***	**31.0**	**200.0**	**16.7**
	HOURS	**76.0**	**52.5**	**46.5**	**61.0**	**84.0**	**68.0**	**45.0**	**32.5**	**60.0**	**100.0**	***147.0***	**67.0**	**405.0**	**33.8**
Overtime Worked	TIMES	**40.0**	**37.0**	**35.0**	**33.0**	**28.0**	**26.0**	**28.0**	**21.0**	**30.0**	**58.0**	***72.0***	**27.0**	**680.0**	**56.7**

CWR

CHESTER COUNTY WASTEWATER RECOVERY

Board of Commissioners'

Projects & Director's Update

April 2019

EXHIBIT 4

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

Construction and Schedule Update:

A. Overall Project Schedule

- The tunneling is complete;
- It is estimated that lines B, C & D will be completed within two (2) weeks;
- 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 RIA Close-out inspection is scheduled for June 4, 2019.

B. Schedule Update

- By Pay Request Dollars - $4,952,403 complete / $5,599,403 Total = 88% complete;
- I will request a third change order related to a second project schedule extension and the addition of a well, as a replacement for a water tap onto the public water system at the pumpstation.

Town of Fort Lawn

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

- The logistics associated with the potential acquisition;
- My response to the Town's Request for rate information;
- We also met with the Town of Fort Lawn to discuss rates;
- A potential meeting with LCWSD legal counsel has been suggested.

Lower Catawba River Basin (LOWCARB) Dischargers Stakeholder Group

We participated in a conference call where the following items were discussed:

1. DHEC's 2019 field sampling plan;
2. A proposed adjustment to the cost share table that would include York County Stormwater (a new addition to the group);
3. HDR Engineering's scope of work analysis of 2018 field study results; and
4. Plans to schedule a meeting with SCDHEC.

Community Development Block Grant (CDBG) Roundtree Pump Station

We opened bids on February 27th, 2019. We received four qualified quotes. The bid tabulation and recommendation will be presented later in the meeting.

Sandy River WWTP Grit Chamber Project

No activity to report.

Miscellaneous Notes

- We replied to various economic development inquires;
- We held a meeting with ShayoNano; and
- For your consideration and approval, attached is an on-call service authorization agreement for AECOM Engineering.

CWR
CHESTER COUNTY WASTEWATER RECOVERY

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

	Annual Budget	YTD Budget	MTD Actual	YTD Actual	Variance Over / (Under)
REVENUE					
Wastewater treatement Services	$ 4,841,968	3,631,476	393,339	3,708,069	$ 76,593
Pretreatment Charges	31,039	23,279	1,739	24,646	1,367
Other Income	-	-	4,237	11,401	11,401
Interest Income	-	-	2,374	16,669	16,669
Capital Recovery Fees	-	-	-	7,200	7,200
Capital Projects	143,478	107,609	-	36,710	(70,899)
Total Revenue	$ 5,016,485	3,762,364	401,689	3,804,695	$ 42,331
EXPENSE					
Administration	$ 1,062,700	797,025	90,446	720,359	$ (76,666)
Maintenance	1,022,000	766,500	47,762	588,400	(178,100)
Lando Plant	289,700	217,275	17,215	160,157	(57,118)
Sandy River	602,900	452,175	30,985	353,350	(98,825)
Rocky Creek	732,500	549,375	28,538	379,931	(169,444)
Pretreatment	185,600	139,200	7,496	86,522	(52,678)
Debt Service	606,100	454,575	207,652	352,676	(101,899)
Capital Expenditures	395,000	296,250	-	538,412	242,162
Depreciation Fund	119,985	89,989	9,999	89,989	0
Total Expense	$ 5,016,485	3,762,364	440,093	3,269,796	$ (492,568)
Increase / (Decrease) of Revenue over Expenses			(38,404)	534,899	
Utility Tax Credit			75,000	75,000	
Grant Revenue - RIA			-	311,947	
Grant Revenue - EDA			-	2,352,043	
Grant Expense - Highway #9 Extension			-	2,986,367	
Grant Expense - Roundtree pumpstation			8,364	60,879	
Project Expense - Sandy River Grit Chamber			-	7,599	
Total Surplus(deficit)			**28,232**	**219,044**	

EXHIBIT
6

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