

Upper Cape Fear River Basin Association

Board Meeting – February 4th, 2020

MOA Renewal 2020-2025

Draft Review

Updates from 2015-2020 MOA

Basic Updates

- Dates
- Grammar
- Style & Format
- Names Updated
- Tables & Appendices
Restructured/Updated/Relabeled

Requirements

- Removed requirement that DWR issue letter to each Permittee notifying them that instream requirements are waived if member of coalition.
 - One letter issued to chair to be distributed electronically
- New email to send data/reports
- Annual report requirements
 - Past amendment incorporated into new document

Clarifications

- MOA is among DWR, UCFRBA, and UCFRBA members.
- Waiving of instream requirements only applies to certain parameters “as specified in individual permits”

Text Changes

- Metals and Hardness
 - NOT BEING REQUIRED BY THE COALITION AT THIS TIME BUT MAY BE PART OF PERMIT
- Additional data collection MAY BE REQUESTED should specific issues arise.
- “The UCFRBA PERMITTEES may provide comments to DWR on data and work submitted by the UCFRBA to DWR”

Text Additions

- No limitation on use of the data
- Savings Clause
- Remedies for Breach

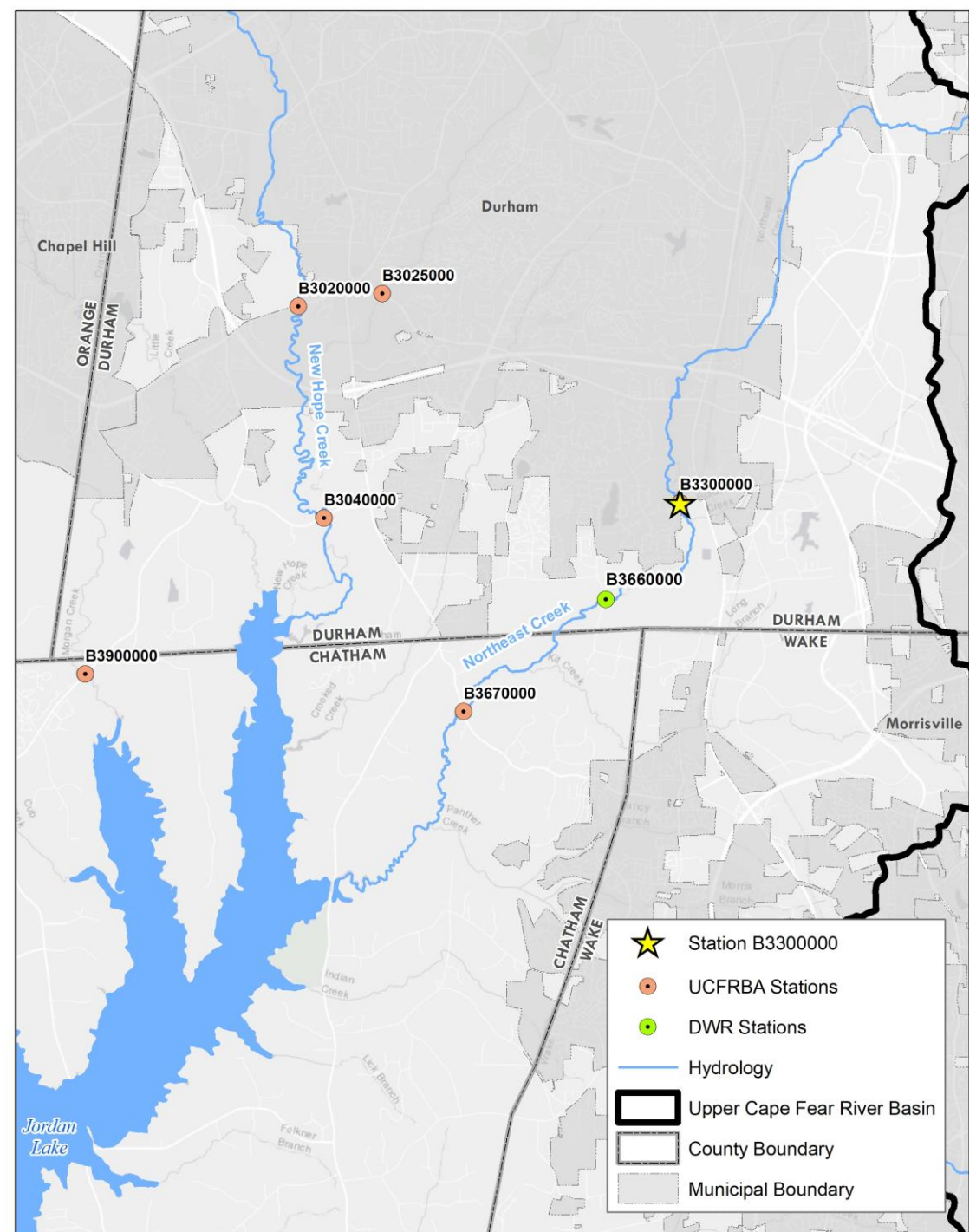
Updates from last meeting

- 1. Corrected a few dates and names**
- 2. Updated Table 1 – UCFRBA Permittees & Signatures**
 - Updated staff and signatory names, as well as facilities and permit numbers
- 3. Updated Table 2 – UCFRBA Sampling Stations, Parameters, & Frequencies**
 - Conducted station visits to review, collect photos, and update information
 - Received quote for "new" station (B3300000)
- 4. Sent out draft MOA for review by UCFRBA Board & TAC**
 - Received only a few text corrections (spelling, names, etc.)
 - No substantive changes

“New” Station Request

Station B330000 (Previously UCFRBA #21)

- Location: Northeast Creek at SR 1102 Sedwick Road near RTP. Upstream of Durham County/RTP WWTP
- Removed ~2015 when Durham County left the coalition
- Previously sampled bi-monthly during growing season
- Durham requested re-adding this station because of its value to Public Works/Stormwater, but would provide other benefits.
- Other stations along Northeast Creek are sampled bi-monthly during growing season



Cost Estimate

Station B3300000

Analytical Costs – \$1,152/year

- TSS, Ammonia, TKN, Nitrate/Nitrite, TP, Fecal Coliform, Turbidity

Field Services – \$935/year

- Time on site, transportation, field parameters, & reporting.


Total = \$2,087/year additional

Analytical Costs

Test	Reporting Limit (mg/L)	Method	Cost Per Test
Total Suspended Solids	2.5	SM 2540D	\$9.00
Ammonia, Nitrogen	0.02	EPA 350.1	\$12.00
TKN	0.20	EPA 351.1	\$21.00
Nitrate/Nitrite, Nitrogen	0.02	EPA 353.2	\$15.00
Phosphorus, total	0.020	EPA 200.7	\$12.00
Fecal Coliform	1 col/100 ml	SM 9222D	\$17.00
Turbidity	1.0 NTU	EPA 180.1	\$10.00
TOTAL Analytical/ event	-	-	\$96.00

Total Analytical Sampling- 12 times per year (@ \$96) - \$1152.00/ year

Field Services

 Including, Time on site, transportation, field parameters & reporting.

Total 17 events - @ \$55.00/ event - \$935.00

Total - \$1152.00 + \$935.00

- \$2087.00/ year additional



Financial Report

FY2018-2019 & FY2019-2020 Thus Far

FY18-19 Financial Report

Revenues	FY2018-2019 Budget	FY 2018-2019 Actual
Membership Dues	\$137,451	\$136,687
Interest Earned	\$900	\$2,634
Total Revenues	\$138,351	\$139,321

- Looking into, believe finance forgot to bill Cary

Expenses		
Meritech	\$99,408	\$95,692
Database	\$1,500	\$1,500
Insurance	\$2,466	\$2,496
TJCOG	\$20,000	\$20,000
PTRC	\$20,000	\$20,000
Bank Fees		\$164
Total Expenses	\$143,374	\$139,852
Net to/from Fund Balance	-\$5,023	-\$531
Contingency Balance	\$191,363	\$195,855

- Overestimated special study costs in FY18-19

- Analysis & interest expenses

FY2019-2020 Thus Far

Revenues	FY 2019-2020 Budget	FY 2019-2020 To Date	FY 2019-2020 Projected	
Membership Dues	\$137,451	\$135,591	\$137,451	- 2 members haven't paid yet
Interest Earned	\$1,200	\$975	\$2,925	
Total Revenues	\$138,651	\$136,566	\$140,376	
Expenses				
Meritech	\$100,020	\$41,751	\$100,487	- Amended BOD5, new contract in August
Database	\$1,500	\$1,625	\$1,625	- Being upgraded this year
Insurance	\$2,496	\$2,527	\$2,527	
TJCOG	\$20,000	\$10,000	\$20,000	
PTRC	\$20,000	\$10,000	\$20,000	
Bank Fees		\$153	\$458	
Total Expenses	\$144,016	\$66,056	\$145,097	
Net to/from Fund Balance	-\$5,365	\$70,510	-\$4,721	
Contingency Balance	\$190,490	\$266,365	\$191,134	



FY2020-2021

PROPOSED BUDGET & MEMBER DUES

FY2020-2021 Proposed Budget – Option 1

Revenues	FY 2019-2020 Projected	FY 2020-2021 Proposed Budget	FY 2021-2022 Projected Budget
Membership Dues	\$137,451	\$137,451	\$137,451
Interest Earned	\$2,925	\$1,200	\$1,200
Total Revenues	\$140,376	\$138,651	\$138,651
Expenses			
Meritech	\$100,487	\$98,855	\$97,404
Database	\$1,625	\$1,625	\$1,625
Insurance	\$2,527	\$2,552	\$2,578
TJCOG	\$20,000	\$20,000	\$20,000
PTRC	\$20,000	\$20,000	\$20,000
Bank Fees	\$458	\$450	\$450
Total Expenses	\$145,097	\$143,482	\$142,057
Net to/from Fund Balance	-\$4,721	-\$4,831	-\$3,406
Contingency Balance	\$191,134	\$186,303	\$182,897

- Special study ending in December 2020, New Contract in August, likely 2% increase

- Typically 1% increase

FY2020-2021 Proposed Member Dues

Option 1 – No Increase

Associate Members	Permitted Capacity (MGD)	Proportional Share of Total MGD	Total # of Instream Sites	Proportional Share of Instream Sites
Asheboro WWTP	9	5.0%	2.5	6.3%
Burlington - Eastside WWTP	12	6.7%	2	5.1%
Burlington - Southside WWTP	12	6.7%	2	5.1%
South Durham WRF	20	11.2%	2	5.1%
Arclin WWTP (was Dynea)	0.1	0.1%	1.5	3.8%
Pilgrim's Pride Processing Plant (was Gold Kist)	1	0.6%	1	2.5%
Graham WWTP	3.5	2.0%	2	5.1%
Greensboro - T.Z. Osborne WWTP	56	31.4%	3.5	8.9%
High Point - East Side WWTP	26	14.6%	2.5	6.3%
Mebane WWTP	2.5	1.4%	2	5.1%
OWASA - Mason Farm WWTP	14.5	8.1%	2	5.1%
Pittsboro WWTP	0.75	0.4%	2	5.1%
Ramseur WWTP	0.48	0.3%	2	5.1%
Randleman WWTP	1.745	1.0%	2	5.1%
Reidsville WWTP	7.5	4.2%	3.5	8.9%
Sanford WWTP	6.8	3.8%	1.5	3.8%
Siler City WWTP	4	2.2%	4.5	11.4%
Star WWTP	0.6	0.3%	1	2.5%
SUBTOTALS	178.48	100%	39.50	100%

FY 20-21 Base Rate	FY 20-21 Proportional Rate	FY 20-21 Membership Dues
\$764	\$6,238	\$7,002
\$764	\$8,318	\$9,081
	\$8,318	\$8,318
\$764	\$13,863	\$14,626
\$764	\$69	\$833
\$764	\$693	\$1,457
\$764	\$2,426	\$3,190
\$764	\$38,815	\$39,579
\$764	\$18,021	\$18,785
\$764	\$1,733	\$2,496
\$764	\$10,050	\$10,814
\$764	\$520	\$1,283
\$764	\$333	\$1,096
\$764	\$1,210	\$1,973
\$764	\$5,198	\$5,962
\$764	\$4,713	\$5,477
\$764	\$2,773	\$3,536
\$764	\$416	\$1,179
\$12,982	\$123,706	\$136,687

FY 19-20 Membership Dues	Difference from FY 19-20
\$7,002	\$0
\$9,081	\$0
\$8,318	\$0
\$14,626	\$0
\$833	\$0
\$1,457	\$0
\$3,190	\$0
\$39,579	\$0
\$18,785	\$0
\$2,496	\$0
\$10,814	\$0
\$1,283	\$0
\$1,096	\$0
\$1,973	\$0
\$5,962	\$0
\$5,477	\$0
\$3,536	\$0
\$1,179	\$0
\$136,687	\$0

Cary

\$764	-	\$764
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\$764	\$0
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TOTAL

\$13,745	\$123,706	\$137,451
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\$137,451	\$0
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FY2020-2021 Proposed Budget – Option 2

Revenues	FY 2019-2020 Projected	FY 2020-2021 Proposed Budget	FY 2021-2022 Projected Budget
Membership Dues	\$137,451	\$138,826	\$140,214
Interest Earned	\$2,925	\$1,200	\$1,200
Total Revenues	\$140,376	\$140,026	\$141,414
Expenses			
Meritech	\$100,487	\$98,855	\$97,404
Database	\$1,625	\$1,625	\$1,625
Insurance	\$2,527	\$2,552	\$2,578
TJCOG	\$20,000	\$20,000	\$20,000
PTRC	\$20,000	\$20,000	\$20,000
Bank Fees	\$458	\$450	\$450
Total Expenses	\$145,097	\$143,482	\$142,057
Net to/from Fund Balance	-\$4,721	-\$3,456	-\$643
Contingency Balance	\$191,134	\$187,678	\$187,034

FY2020-2021 Proposed Member Dues

Option 2 – 1% Increase

Associate Members	Permitted Capacity (MGD)	Proportional Share of Total MGD	Total # of Instream Sites	Proportional Share of Instream Sites
Asheboro WWTP	9	5.0%	2.5	6.3%
Burlington - Eastside WWTP	12	6.7%	2	5.1%
Burlington - Southside WWTP	12	6.7%	2	5.1%
South Durham WRF	20	11.2%	2	5.1%
Arclin WWTP (was Dynea)	0.1	0.1%	1.5	3.8%
Pilgrim's Pride Processing Plant (was Gold Kist)	1	0.6%	1	2.5%
Graham WWTP	3.5	2.0%	2	5.1%
Greensboro - T.Z. Osborne WWTP	56	31.4%	3.5	8.9%
High Point - East Side WWTP	26	14.6%	2.5	6.3%
Mebane WWTP	2.5	1.4%	2	5.1%
OWASA - Mason Farm WWTP	14.5	8.1%	2	5.1%
Pittsboro WWTP	0.75	0.4%	2	5.1%
Ramseur WWTP	0.48	0.3%	2	5.1%
Randleman WWTP	1.745	1.0%	2	5.1%
Reidsville WWTP	7.5	4.2%	3.5	8.9%
Sanford WWTP	6.8	3.8%	1.5	3.8%
Siler City WWTP	4	2.2%	4.5	11.4%
Star WWTP	0.6	0.3%	1	2.5%
SUBTOTALS	178.48	100%	39.50	100%

FY 20-21 Base Rate	FY 20-21 Proportional Rate	FY 20-21 Membership Dues
\$771	\$6,301	\$7,072
\$771	\$8,401	\$9,172
	\$8,401	\$8,401
\$771	\$14,001	\$14,772
\$771	\$70	\$841
\$771	\$700	\$1,471
\$771	\$2,450	\$3,221
\$771	\$39,203	\$39,975
\$771	\$18,202	\$18,973
\$771	\$1,750	\$2,521
\$771	\$10,151	\$10,922
\$771	\$525	\$1,296
\$771	\$336	\$1,107
\$771	\$1,222	\$1,993
\$771	\$5,250	\$6,022
\$771	\$4,760	\$5,532
\$771	\$2,800	\$3,571
\$771	\$420	\$1,191
\$13,111	\$124,943	\$138,055

FY 19-20 Membership Dues	Difference from FY 19-20
\$7,002	\$70
\$9,081	\$91
\$8,318	\$83
\$14,626	\$146
\$833	\$8
\$1,457	\$14
\$3,190	\$31
\$39,579	\$396
\$18,785	\$188
\$2,496	\$25
\$10,814	\$108
\$1,283	\$13
\$1,096	\$11
\$1,973	\$20
\$5,962	\$60
\$5,477	\$55
\$3,536	\$35
\$1,179	\$12
\$136,687	\$1,368

Cary

\$771	-	\$771
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\$764	\$7
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TOTAL

\$13,883	\$124,943	\$138,826
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\$137,451	\$1,375
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FY2020-2021 Proposed Budget – Option 3

Revenues	FY 2019-2020 Projected	FY 2020-2021 Proposed Budget	FY 2021-2022 Projected Budget
Membership Dues	\$137,451	\$140,200	\$143,004
Interest Earned	\$2,925	\$1,200	\$1,200
Total Revenues	\$140,376	\$141,400	\$144,204
Expenses			
Meritech	\$100,487	\$98,855	\$97,404
Database	\$1,625	\$1,625	\$1,625
Insurance	\$2,527	\$2,552	\$2,578
TJCOG	\$20,000	\$20,000	\$20,000
PTRC	\$20,000	\$20,000	\$20,000
Bank Fees	\$458	\$450	\$450
Total Expenses	\$145,097	\$143,482	\$142,057
Net to/from Fund Balance	-\$4,721	-\$2,082	\$2,147
Contingency Balance	\$191,134	\$189,052	\$191,199

FY2020-2021 Proposed Member Dues

Option 3 – 2% Increase

Associate Members	Permitted Capacity (MGD)	Proportional Share of Total MGD	Total # of Instream Sites	Proportional Share of Instream Sites
Asheboro WWTP	9	5.0%	2.5	6.3%
Burlington - Eastside WWTP	12	6.7%	2	5.1%
Burlington - Southside WWTP	12	6.7%	2	5.1%
South Durham WRF	20	11.2%	2	5.1%
Arclin WWTP (was Dynea)	0.1	0.1%	1.5	3.8%
Pilgrim's Pride Processing Plant (was Gold Kist)	1	0.6%	1	2.5%
Graham WWTP	3.5	2.0%	2	5.1%
Greensboro - T.Z. Osborne WWTP	56	31.4%	3.5	8.9%
High Point - East Side WWTP	26	14.6%	2.5	6.3%
Mebane WWTP	2.5	1.4%	2	5.1%
OWASA - Mason Farm WWTP	14.5	8.1%	2	5.1%
Pittsboro WWTP	0.75	0.4%	2	5.1%
Ramseur WWTP	0.48	0.3%	2	5.1%
Randleman WWTP	1.745	1.0%	2	5.1%
Reidsville WWTP	7.5	4.2%	3.5	8.9%
Sanford WWTP	6.8	3.8%	1.5	3.8%
Siler City WWTP	4	2.2%	4.5	11.4%
Star WWTP	0.6	0.3%	1	2.5%
SUBTOTALS	178.48	100%	39.50	100%

FY 20-21 Base Rate	FY 20-21 Proportional Rate	FY 20-21 Membership Dues
\$779	\$6,363	\$7,142
\$779	\$8,484	\$9,263
	\$8,484	\$8,484
\$779	\$14,140	\$14,919
\$779	\$71	\$850
\$779	\$707	\$1,486
\$779	\$2,474	\$3,253
\$779	\$39,591	\$40,370
\$779	\$18,382	\$19,161
\$779	\$1,767	\$2,546
\$779	\$10,251	\$11,030
\$779	\$530	\$1,309
\$779	\$339	\$1,118
\$779	\$1,234	\$2,013
\$779	\$5,302	\$6,081
\$779	\$4,808	\$5,586
\$779	\$2,828	\$3,607
\$779	\$424	\$1,203
\$13,241	\$126,180	\$139,421

FY 20-21 Membership Dues	Difference from FY 19-20
\$7,002	\$140
\$9,081	\$182
\$8,318	\$166
\$14,626	\$293
\$833	\$17
\$1,457	\$29
\$3,190	\$63
\$39,579	\$791
\$18,785	\$376
\$2,496	\$50
\$10,814	\$216
\$1,283	\$26
\$1,096	\$22
\$1,973	\$40
\$5,962	\$119
\$5,477	\$109
\$3,536	\$71
\$1,179	\$24
\$136,687	\$2,734

Cary

\$779	-	\$779
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\$764	\$15
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TOTAL

\$14,020	\$126,180	\$140,200
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\$137,451	\$2,749
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THANK YOU

Cameron Colvin
Water Resources Planner
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