

AGENDA

Lower Neuse Basin Association, Inc.® Neuse River Compliance Association, Inc.®

May 6, 2021

**Webinar/Conference Meeting Due to Covid-19
10:00 a.m.**

- **Welcome, Roll Call, and Introduction of Guests**
- **Approval of Minutes for February 4, 2021 (AI) –**
- **2021 Officer Selection Committee Report and Elections (AI) -**
- **LNBA/NRCA Financials –**
 - * February, March, and April, 2021 Treasurer’s Reports (AI) –**
 - * FY 2021-22 Year to Date Expenditure Summary -**
 - * Executive Director Services Agreement Renewal (AI) -**
 - * Recommended Approval of Sauber Water Quality Agreement and MFG Consulting Agreement (AI) -**
- **NRCA 2020 Annual Report Summary -**
 - * Total Nitrogen Violation and Assessment for 2020 (AI) -**
- **Request for Membership in the LNBA and NRCA -**
- **LNBA Sampling Report – February, March, and April, 2021 –**
 - * LNBA Annual Report Summary**
 - * Draft 303(d) and Integrated Report Comments**
- **LNBA/NRCA Training Program Update (AI) -**
- **Nutrient Control Measure, Basin Insert Presentation -**
- **2021 Legislative Update –**
- **Member Reports**
- **Next Meeting and Adjourn – Location/Date: To Be Determined - September 2nd, 2021**

Action Items (AI)

You're invited to join a Microsoft Teams meeting

Title: LNBA/NRCA Board Meeting for May 6 2021

Time: Thursday, May 6, 2021 10:00:00 AM Eastern Daylight Time

Join on your computer or mobile app: [Click here to join the meeting](#)

Lower Neuse Basin Association®/Neuse River Compliance Association®
February 4, 2021 Meeting Minutes
Webinar Meeting (Virtual due to Covid-19)

Attending:

Kenny Stevens	City of Kinston	Jimmy Pridgen	City of Wilson
Barry Parks (V-Chair)	City of Wilson	John Cratch	Town of Apex
Tony Hawkins	City of New Bern	David Hardin	Town of Apex
Dan Wall	Johnston County	Kenny Stevens	City of Kinston
T. J. Lynch	Raleigh Water	Joe Pearce	Aqua, N.C.
John Kiviniemi	Raleigh Water	Jonathan Bulla	Town of Cary
Adam Stevenson	Town of Fuquay-Varina	Jeff Mahagan	Town of Hillsborough
Mike Wagner	City of Goldsboro	James Warren (Sec.)	Town of Clayton
Donald Smith (Treas.)	Town of Cary	Reginald Hicks	City of Durham
Brian Leavitt	Town of Benson	David Huffman	DWR Ecosystem
Bert Sherman	City of Goldsboro	Steve Tedder	Tedder Farm Consulting
Mark Vander Borgh	DWR Ecosystem	Nora Deamer	DWR Planning
Mike Montebello		Gregory Knight	Black & Veatch
Jeffery Thompson	Black & Veatch	Katie Dickens	
Mike Osborne	Black & Veatch	Peter Rabbe	American Rivers
Martin Lebo	CEA	Laura Pruitt	City of Wilson
Chuck Smithwick	Contentnea MSD	Leon Downing	Black & Veatch
Haywood Phthisic	LNBA/NRCA		

The Vice Chair, Barry Parks, called the meeting to order and welcomed everyone. The roll was called and there were 12 of 18 members present representing the LNBA and 14 of 24 members present representing the NRCA. There was a quorum present for both associations. Guests were introduced and recognized.

Board Minutes – The Board Minutes from the November 5, 2020 meeting were presented. Being no revisions T. J. Lynch made the motion to approve the minutes as presented, seconded by James Warren, and approved by the Board.

Financials – Treasurer's Report - The Treasurer's Reports, November, December 2020, and January 2021 were presented to the Board. As of February 1st, the LNBA account balance was \$229,871.98 and NRCA account balance was \$275,159.16. James Warren made the motion to approve the reports as presented, seconded by T. J. Lynch, and approved by the Boards, respectively.

FY 2021–22 Budget and Membership Fees – The Finance Committee (Barry Parks, Chuck Smithwick, Donald Smith, and Haywood Phthisic) presented the LNBA and NRCA budget and membership fees for the next fiscal year which begins July 1, 2021. There were no proposed increases in fees proposed for the memberships but was noted variations occur in the NRCA due to the changes in discharged pounds by each member. \$5,000 was budgeted for the Modmon program and for the annual training program (\$5,000, due to Covid-19 for virtual meeting). These funds are proposed to be appropriated from fund balance. Following discussion, Kenny Stevens made the motion to approve the budget and membership fees as presented, seconded by James Warren, and approved by the Boards, respectively.

Modmon Budget Revision Request – Dr. Hans Pearl requested an amendment to the funds appropriated by the NRCA to the Modmon program to allow the funds to be used for salaries instead of supplies as originally approved by the Board. The amount approved for the current fiscal year is \$5,000. Following discussion, T. J. Lynch made the motion to approve the request revision, seconded by James Warren, and approved by the NRCA Board.

Executive Director Service Agreement – Barry Parks asked the Finance Committee to review and make a recommendation at the May Board meeting on renewing the Executive Director agreement. Following discussion, James Warren made the motion to approve the Finance Committee to negotiate the executive director agreement, seconded by Kenny Stevens, and approved by the Board, respectively.

Officer Selection Committee Appointment – Barry Parks appointed the following members to the Officer Selection Committee: T. J. Lynch, Kenny Stevens, and Chuck Smithwick. The Committee will present their recommendation at the May Board meeting.

LNBA/NRCA Training Program Update – Haywood reported discussions are ongoing with NC AWWA WEA to assist the associations in a virtual training workshop as has been provided for many years. More information will be forthcoming at the May meeting.

LNBA Sampling Report – Work continues on the Lower Neuse River Monitoring Service Contract No. 5 with Environment I. All sampling was completed by Environment 1 in November, December, and January, 2021. Data sets have been received through November, 2020 and loaded on the website. December sampling results are in data review. All invoices through December, 2020 have been processed and paid.

November: All samples were collected, analyzed and reported per MOA requirements.

December: All samples were collected per MOA requirements. The results for samples collected in December are in data review.

January: All samples were collected per MOA requirements. Analysis of samples collected in January is ongoing. J7850000 (Neuse River at SR1470 Maple Cypress Rd. nr Fort Barnwell) could not be accessed on Jan 4th due to flooding. We were able to collect that sample on the 25th. Also, samples on one of the collection routes (green) had to be split up between 2 days (13th and 25th) due to a vehicle problem.

Doing More With Less – Driving Towards Carbon Efficient BNR – Mike Osborne with Black & Veatch (Greg Knight, Leon Downing, Jef Thompson, & Steve Tedder) made a presentation to the Boards on efficient use of available carbon minimizing the use of additional carbon sources for biological nutrient removal (BNR).

To view the presentation click on this link: [B & V - Doing More with Less, Carbon Efficient BNR](#)

Draft 303(d) List and Integrated Report – Haywood reported the draft 303(d) List and Integrated Report has just been released and comments will be drafted before the next Board meeting (comment submittal deadline is the first of April).

SB 315, Transport Factor and Nutrient Offset Credits Update – Haywood updated the Boards on the proposed modeling on the Neuse River. The Boards submitted comments on the draft RFP The Division of

Water Resources has a webinar later today to discuss the proposed request for proposal (RFP) for the modeling. Given the short period for comment on the RFP it was suggested the Executive Committee prepare and submit comments on the RFP. T. J. Lynch made that motion, seconded by James Warren, and approved by the Board.

The next meeting is scheduled for May 6, 2021 at 10:00. With no further business, the meeting was adjourned.

DRAFT

Lower Neuse Basin Association
Neuse River Compliance Association

MEMORANDUM

TO: LNBA/NRCA Board

FROM: Officer Nominating Committee (T.J. Lynch, Kenny Stevens, and Chuck Smithwick)

DATE: April 29, 2021

SUBJECT: Officer Nominations for 2021.

The committee met via conference call on February 24, 2021 to review and discuss possible nominations for the Chair, Vice-Chair, Treasurer, and Secretary for the Lower Neuse Basin Association and the Neuse River Compliance Association. Members of the Committee contacted the current officers and found several officers would not return for another term. The Committee then contacted other members and their recommendation for the officers beginning May 6, 2021 through May 4, 2023:

Chairman – Barry Parks, City of Wilson
Vice-Chair – John Kiviniemi, City of Raleigh
Treasurer – Donald Smith, Town of Cary
Secretary – Chuck Smithwick, Contentnea MSD

Lower Neuse Basin Association, Inc. / Neuse River Compliance Association, Inc.

Treasurer's Report

5/3/2021

LNBA

Balance Forward: (checking per bank statement - 1/31/2021)		Checking	\$	95,041.57
		Savings		134,830.41
Debits:	Environment I, Inc. (LNBA, Invoices)		\$	22,962.18
	Environment I, Inc. (Raleigh, Invoices)			2,837.10
	MFG Consulting LLC (Invoices)			300.00
	Sauber Water Quality Consulting			665.00
	Pci (Invoices)			3,976.62
	Total Debits		\$	30,740.90
Credits:	Interest (checking)		\$	29.00
	Interest (savings)			246.78
Checking Account Balance (per bank statement - 4/30/2021)			\$	64,329.67
				135,077.19
Total LNBA Account Balance			\$	<u>199,406.86</u>

NRCA

Balance Forward: (per bank statement -1/31/2021)		Checking	\$	80,974.64
		Savings		194,184.52
Debits:	PCi (Invoices)		\$	6,556.00
	Sauber Water Quality Consulting		\$	665.00
	MFG Consulting, LLC. (Invoice)		\$	300.00
	Total:		\$	7,521.00
Credits:	Transfer to Savings Acc't		\$	-
	Interest (Savings)			355.42
	Interest (Checking)			28.53
Account Balance (per bank statement - 4/30/2021)		Checking	\$	73,482.17
		Savings		194,539.94
Total NRCA Account Balance			\$	<u>268,022.11</u>

Year to Date Expenditures for FY 2020-21

Date: 5/04/2021

LNBA	Monitoring	ED Services	Training	Admin	Legal	Web Services	Consultant	Total	Raleigh
July, 2020	\$ 7,654.06	\$ 1,558.15	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 9,212.21	\$ 1,418.55
August	7,654.06	1,707.35	-	-	-	-	-	9,361.41	1,418.55
September	7,654.06	1,416.35	-	-	-	-	-	9,070.41	1,418.55
October	7,654.06	1,555.93	-	-	-	150.00	-	9,359.99	1,418.55
November	7,654.06	1,071.19	-	630.00	-	150.00	-	9,505.25	1,418.55
December	7,654.06	1,074.80	-	-	-	150.00	-	8,878.86	1,418.55
January, 2021	7,654.06	928.08	-	-	-	150.00	-	8,732.14	1,418.55
February	7,654.06	1,200.64	-	-	-	150.00	-	9,004.70	1,418.55
March	7,654.06	1,352.56	-	-	-	-	-	9,006.62	1,418.55
April	7,654.06	1,423.42	-	-	-	-	665.00	9,742.48	-
May	-	-	-	-	-	-	-	-	-
June	-	-	-	-	-	-	-	-	-
Total	\$ 76,540.60	\$ 13,288.47	\$ -	\$ 630.00	\$ -	\$ 750.00	\$ 665.00	\$ 91,874.07	\$ 12,766.95
Budget	\$ 94,800.00	\$ 21,500.00	\$ 1,500.00	\$ 1,000.00	\$ 10,000.00	\$ 2,500.00	\$ 3,500.00	\$ 134,800.00	68%



NRCA	Permit/Grant	ED Services	Training	Admin	Legal	Web Services	Consultant	Total	ModMon
July, 2020	\$ -	\$ 2,338.00	\$ -	\$ -	\$ -	\$ 175.00	\$ -	\$ 2,513.00	\$ -
August	-	2,560.00	-	-	-	190.00	280.00	3,030.00	-
September	-	2,629.00	-	-	-	150.00	-	2,779.00	-
October	-	2,334.00	-	-	-	-	-	2,334.00	-
November	-	1,990.00	-	630.00	274.73	-	-	2,894.73	-
December	3,440.00	1,995.00	-	-	-	-	1,820.00	7,255.00	-
January, 2021	-	1,391.00	-	-	-	-	-	1,391.00	-
February	-	1,400.00	-	-	-	-	-	1,400.00	-
March	-	2,512.00	-	-	-	150.00	-	2,662.00	-
April	-	2,644.00	-	-	-	150.00	665.00	3,459.00	-
May	-	-	-	-	-	-	-	-	-
June	-	-	-	-	-	-	-	-	-
Total	\$ 3,440.00	\$ 21,793.00	\$ -	\$ 630.00	\$ 274.73	\$ 815.00	\$ 2,765.00	\$ 29,717.73	\$ -
Budget	\$ 3,500.00	\$ 42,500.00	\$ 1,500.00	\$ 2,500.00	\$ 22,500.00	\$ 1,500.00	\$ 3,500.00	\$ 77,500.00	38%

Executive Director Services Contract Finance Committee Recommendation

5/04/2021

Finance Committee Members – Barry Parks, City of Wilson; Donald Smith, Town of Cary; and Chuck Smithwick, Contentnea MSD.

The Finance Committee met (via telephone conference call on April 23, 2021) with Haywood Phthisic of Phthisic Consulting, Inc. to discuss the renewal of the executive director services contract. Haywood presented a draft contract agreement with minor revisions from the previous agreement. Those revisions are:

- For Fy 2021-22 the consultant hourly rate will remain at \$70.00 per hour. Beginning on July 01, 2022 the rate will increase to \$75.00 per hour for the remainder on the contract.
- Inserted a cap on the number of hours for annual compensation at 1,040.
- The agreement term is 3 years and some minor grammatical corrections were made to the agreement.

Following discussion, the committee recommends renewal of the agreement as presented.

Lower Neuse Basin Association ®

TO: Board Members
FROM: Haywood Phthisic, Executive Director
SUBJECT: Contractor Agreement for May 6, 2021 Board Meeting
DATE: May 4, 2021

The LNBA and NRCA have 2 contractor agreements for consideration:

MFG Consulting, LLC

The current agreement with Mike Gering (MFG Consulting, LLC) will expire in June, 2021. Mike provides website services for the LNBA and NRCA. There are two separate agreements, one for each Association. The terms are:

- * A two (2 year agreement with automatic renewal for 24 months if agreed to by both parties.
- * Fiscal year limitation is \$2,000 per year per association unless approved in writing in advance.

Sauber Water Quality Consulting

The current agreement with Jay H. Sauber (Sauber Water Quality Consulting) will expire in June, 2021. Jay provides consulting services to the LNBA and NRCA in regards to water quality issues. There are two separate agreements, one for each Association. The terms are:

- * A two (2 year agreement with automatic renewal for 24 months if agreed to by both parties).
- * Fiscal year limitation is \$3,500 per year per association unless approved in writing in advance.

NEUSE RIVER COMPLIANCE ASSOCIATION

Total Nitrogen Monitoring Report for 2020

Date: March 29, 2021

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NPDES Permit #: NCC00001		END OF PIPE						ESTUARY			
FACILITY	NPDES Permit #	Permit Flow (MGD)	2020 Avg. Flow (MGD)	Member TN Allocation (Lbs/Yr.)	Member TN Discharge (Lbs/Yr.)	Transport Factor	Annual Lease (Estuary Lbs.)	Member Estuary Allocation	Adjusted TN Allocation 2020 (Lbs/Yr.)	2020 TN Delivery (Lbs/Yr.)	% of Estuary Allocation
SGWASA	NC0026824	5.500	1.820	22,420	12,808	10%	0	2,242	0	1,281	57
Town of Hillsborough	NC0026433	3.000	1.086	10,422	4,404	10%	0	1,042	0	440	42
City of Durham	NC0023841	20.000	10.698	97,655	75,287	10%	0	9,765	0	7,529	77
Town of Apex	NC0064050	3.600	1.328	40,547	14,123	50%	0	20,274	0	7,061	35
Town of Benson	NC0020389	1.900	1.558	33,070	13,757	50%	-2,000	16,535	14,535	6,879	42
Town of Cary ~ North	NC0048879	12.000	6.245	143,246	36,981	50%	0	71,623	0	18,490	26
Town of Cary ~ South	NC0065102	12.800	5.274	180,211	27,841	50%	0	90,105	0	13,921	15
City of Raleigh ~ Smith Creek	NC0030759	3.000	2.201	70,814	33,960	50%	0	35,407	0	16,980	48
City of Raleigh ~ Neuse	NC0029033	75.000	47.463	687,373	246,343	50%	0	343,687	0	123,172	45
Raleigh ~ Ground Water	NA	NA	NA	NA	61,812	50%		NA		30,906	
City of Raleigh ~ Little Creek	NC0079316	2.200	0.981	26,660	6,096	50%	0	13,330	0	3,048	23
Town of Clayton	NC0025453	2.500	1.630	22,832	18,774	50%	0	11,416	0	9,387	82
Neuse Colony, (Aqua NC)	NC0064564	0.350	0.330	8,447	9,082	50%	700	4,224	4,924	4,541	92
Johnston County	NC0030716	9.500	5.845	71,476	36,099	50%	0	35,738	0	18,049	51
Town of Kenly	NC0064891	0.630	0.457	7,096	9,617	50%	2,000	3,548	5,548	4,809	87
Town of Farmville	NC0029572	3.500	1.334	42,211	4,828	50%	0	21,106	0	2,414	11
City of Wilson	NC0023906	14.000	10.624	157,886	73,822	50%	0	78,943	0	36,911	47
Duke Energy ~ Lee Facility	NC0003417	NA	0.029	3,260	27	70%	0	2,282	0	19	1
City of Goldsboro	NC0023949	14.200	11.138	199,822	110,593	70%	0	139,875	0	77,415	55
Town of LaGrange	NC0021644	0.750	0.531	8,447	7,996	70%	0	5,913	0	5,597	95
City of Kinston (Regional)	NC0024236	11.850	5.940	126,711	40,557	70%	0	88,697	0	28,390	32
Contentnea MSD	NC0032077	3.500	2.051	37,100	8,005	70%	-7,100	25,970	18,870	5,604	30
Dow - Dupont, Inc.	NC0003760	3.600	0.326	25,493	1,343	70%	-3,700	17,845	14,145	940	7
City of New Bern	NC0025348	6.500	3.745	64,210	33,317	100%	0	64,210	0	33,317	52
MCAS Cherry Point	NC0003816	3.500	1.610	39,421	22,029	100%	0	39,421	0	22,029	56
City of Havelock	NC0021253	2.250	1.579	21,400	15,555	100%	0	21,400	0	15,555	73
Craven County	NC0084460	0.000	0.673	0	3,984	100%	3,000	0	3,000	3,984	133
Carolina Water Service, Inc.	NC0033111	0.600	0.330	11,263	17,979	100%	7,100	11,263	18,363	17,979	98
		216.230	126.823							516,645	

This Compliance Report has been compiled from co-permittee members' monthly discharge monitoring reports. I certify that this report is accurate and complete to the best of my knowledge.

Daniel F. McLawhorn, Chairman, Neuse River Compliance Association

Date

NOTES: 1. Average Total Nitrogen Concentration End of Pipe by NRCA Members during 2020:
 2. Average Total Nitrogen Concentration with ground water contribution in 2020:
 3. NRCA's Annual Report Prepared By: Haywood M. Phthisic, III, Executive Director

2.29 mg/L

2.45 mg/L

NRCA 2020 Annual Report Summary w/ Potential TN Reductions

Date: 3/24/2021

FACILITY	Average EOP Conc (mg/l)	Average Flow MGD		Potential TN Reduction (lbs)
Duke Energy Progress - Lee	0.31	0.029		
Town of Farmville	1.19	1.334		
Contentnea MSD	1.28	2.051		
Town of Hillsborough	1.33	1.086		
Dow-Dupont, Inc.	1.35	0.326		
City of Raleigh - Neuse River	1.70	47.463		
Town of Cary, South	1.73	5.274		
Town of Cary, North	1.94	6.245		
Craven County	1.94	0.673		
Johnston County	2.02	5.845		
City of Raleigh - Little Creek	2.04	0.981		
City of Kinston (Regional)	2.24	5.940		
City of Wilson	2.28	10.624		
SGWASA	2.30	1.820		
City of Durham	2.31	10.698		
Town of Benson	2.89	1.558		
City of New Bern	2.91	3.745		
City of Havelock	3.23	1.579		
City of Goldsboro, Pipes 01&02	3.25	11.138		
Town of Apex	3.48	1.328	0.48	2,283
Town of Clayton	3.77	1.630	0.77	3,662
MCAS Cherry Point	4.48	1.610	1.48	26,405
Town of LaGrange	4.93	0.531	1.93	9,603
City of Raleigh - Smith Creek	5.05	2.201	2.05	6,139
Town of Kenly	6.90	0.457	3.90	19,166
Neuse Colony (Aqua)	9.90	0.330	6.90	33,257
CWS Systems, Inc.	17.84	0.330	14.84	24,053
Daily Average	2.29	126.823		124,568

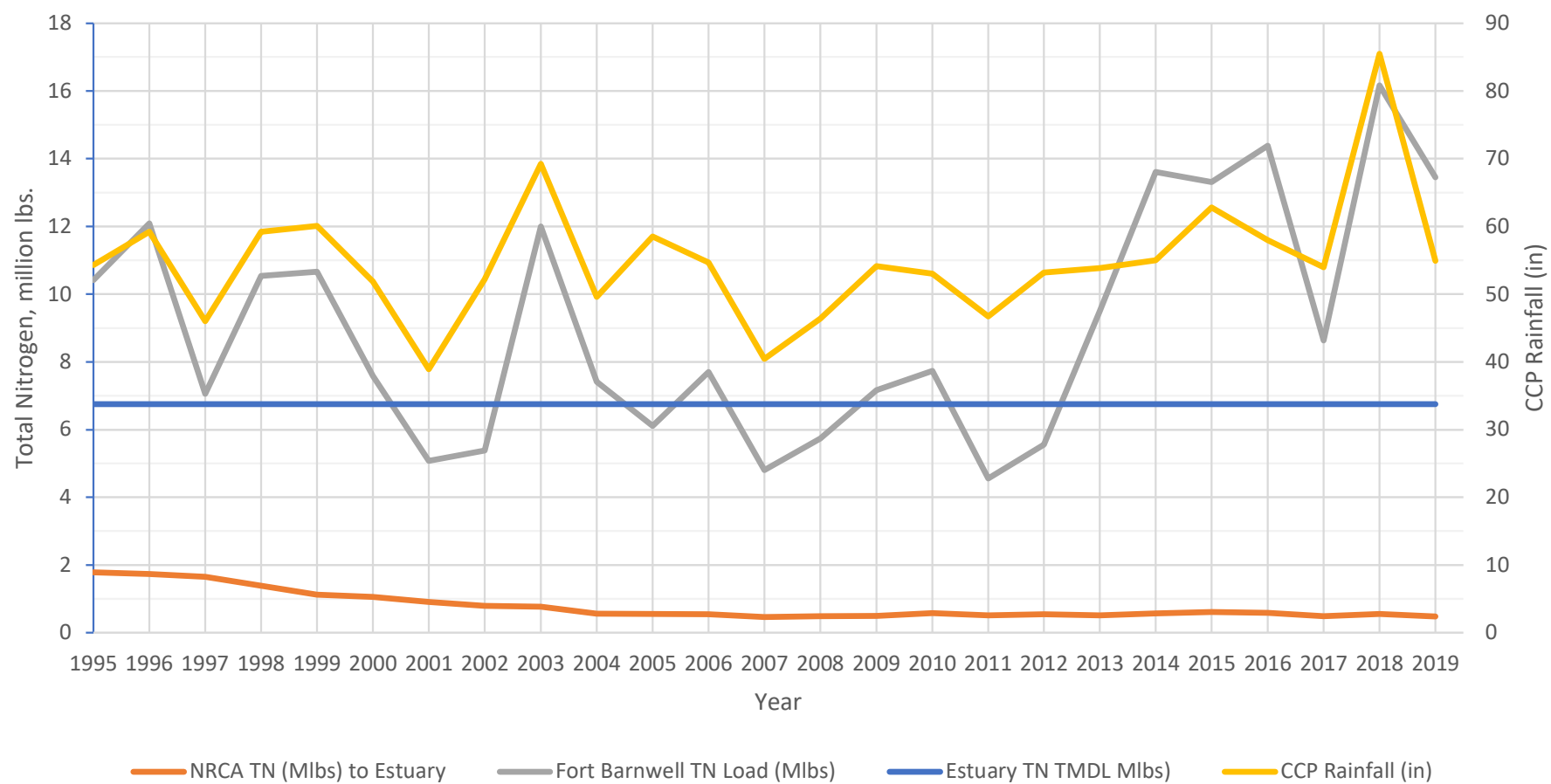
Annual Report Values	Average EOP Conc. (mg/L)	Average Estuary Lbs.	Avg. Flow MGD	Avg. Estuary w/o Debit
2003	3.81	722,374	108.379	
2004	3.38	558,777	101.203	
2005	3.25	566,627	101.739	
2006	3.12	542,205	102.970	
2007	3.02	461,325	92.994	
2008	3.41	489,798	91.005	
2009	3.02	497,639	98.570	
2010	2.98	584,398 *	101.909	527,275
2011	2.85	519,199 *	93.384	464,014
2012	2.80	540,892*	97.281	487,794
2013	2.62	514,847*	102.413	463,836
2014	2.71	568,387*	108.359	519,612
2015	3.03	610,915*	108.721	564,277
2016	2.87	593,145*	108.734	548,644
2017	2.53	491,822*	101.510	449,408
2018	2.54	556,567*	113.204	516,191
2019	2.33	481,011*	105.573	442,671
2020	2.54	516,645*	126.823	485,739

* Includes nitrogen debit for City of Raleigh's land application system

Date: April 28, 2021

* Data not reported.

Total Nitrogen Load at Fort Barnwell, Station J7850000



NRCA Annual Total Phosphorous EOP Concentration Averages (mg/L)

Date: 4/27/2021

Member	NPDES #	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Duke Energy~Lee Facility	NC0003417	0.07	0.06	0.06	0.00	0.00	0.00	0.09	0.01	0.09	0.01	0.04
MCAS Cherry Point	NC0003816	0.11	0.12	0.10	0.10	0.12	0.21	0.18	0.15	0.13	0.11	0.10
City of Kinston (Regional)	NC0024236	0.17	0.17	0.68	0.38	0.54	0.29	0.66	0.57	0.73	0.67	0.99
City of Goldsboro	NC0023949	0.19	0.19	0.12	0.06	0.02	0.12	0.14	0.15	0.12	0.14	0.37
City of Raleigh - Little Creek	NC0079316	0.23	0.23	0.32	0.12	0.55	0.44	0.48	0.42	0.37	0.29	0.45
Cary - North	NC0048879	0.44	0.44	0.67	0.37	0.52	0.57	0.50	0.46	0.25	0.34	0.42
Johnston County	NC0030716	0.53	0.53	0.63	0.75	0.51	0.92	1.17	1.11	1.07	0.96	1.01
Cary - South	NC0065102	0.54	0.54	0.02	0.23	0.37	0.33	0.43	0.46	0.56	0.59	0.32
Town of LaGrange	NC0021644	0.56	0.56	2.05	2.12	1.15	1.38	1.44	1.72	0.97	1.21	1.34
Town of Kenly	NC0064891	0.60	0.60	0.15	0.27	0.37	0.91	0.96	1.32	1.36	2.52	1.72
Dupont-Kinston, Inc.	NC0003760	0.65	0.65	0.52	0.23	0.38	0.21	0.27	0.37	0.27	0.39	0.35
City of Raleigh - Smith Creek	NC0030759	0.65	0.65	0.98	0.29	0.52	0.54	0.30	0.42	0.34	0.35	0.30
Town of Apex	NC0064050	0.75	0.75	0.22	0.32	0.85	1.00	0.93	0.58	0.73	0.52	0.36
South Granville WASA	NC0026824	0.78	0.78	0.48	0.20	0.17	0.72	0.33	0.14	0.11	0.14	0.10
Town of Farmville	NC0029572	0.81	0.81	0.68	0.70	0.49	0.50	0.43	0.88	0.51	0.37	0.34
City of New Bern	NC0025348	0.91	0.91	0.62	0.42	0.75	0.09	0.83	0.61	0.62	0.56	0.56
Town of Clayton	NC0025453	0.92	0.92	1.32	0.80	1.05	0.94	1.09	1.36	1.17	1.07	1.17
Neuse Colony (Aqua NC)	NC0064564	1.00	1.00	1.20	1.10	0.82	1.96	1.51	1.32	0.68	0.79	1.24
City of Wilson	NC0023906	1.08	1.08	1.04	0.17	0.14	0.37	0.35	0.17	0.36	0.48	0.22
City of Raleigh- Neuse River	NC0029033	1.16	1.16	1.30	0.93	1.64	1.56	1.25	1.82	1.35	1.49	1.34
Town of Benson	NC0020389	1.53	1.53	1.47	1.45	1.43	1.42	0.96	1.43	1.01	2.05	1.62
Contentnea MSD	NC0032077	1.69	1.69	0.58	0.57	0.66	0.56	0.60	0.56	0.80	0.73	0.55
City of Havelock	NC0021253	NA	0.59	0.49	0.65	0.44	0.68	0.94	1.58	1.04	0.93	0.76
Carolina Water Service, Inc.	NC0033111	NA	NA	NA	1.43	1.10	1.07	0.97	1.56	1.08	1.21	0.99
Craven County	NC0089460	NA	NA	NA	NA	NA	NA	NA	0.81	1.43	1.47	0.78
Town of Hillsborough	NC0026433	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.35
City of Durham	NC0023841	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.13

NA - Not a member at that time.

From: exec.director@lnba.net
Sent: Thursday, April 1, 2021 9:15 AM
To: Elliot Thomas
Cc: Dan McLawhorn (dan.mclawhorn@raleighnc.gov); Barry Parks (bparks@wilsonnc.org); Donald.Smith@TownofCary.org; James Warren (jowarren@townofclaytonnc.org)
Subject: Total Nitrogen 2020 TN Assessment Calculation for Craven County

Good morning Elliot,

The assessment calculation for exceeding the leased amount of nitrogen is as follows:

Craven County leased 3,000 lbs. of estuary nitrogen for 2020.

The total amount of nitrogen discharged for 2020 was 3,984 lbs. and since the lease didn't cover 984 lbs. the NRCA will assess Craven County for that amount.

The NRCA's bylaws state any member exceeding its allocation will pay an assessment for its total nitrogen allocation exceeded (in this case the amount not leased). The first violation is at a rate of 25% of cost effectiveness rate where the discharge occurs (end of pipe). The current rate at Craven County's discharge point is \$14.45 per pound.

Assessment charge: $\$14.45 \times 25\% \times 984 \text{ lbs.} = \underline{\$3,554.70}$.

The NRCA may, at its discretion, return 80% of the assessment provided the member demonstrates improvements to its system to avoid future exceedances of its nitrogen allocation. If you need to discuss further or have questions please let me know.

Best regards,

Haywood

Lower Neuse Basin Association ®

TO: Board Members
FROM: Haywood Phthisic, Executive Director
SUBJECT: Sampling/Monitoring Report for May 6, 2021 Board Meeting
DATE: May 4, 2021

Work continues on the Lower Neuse River Monitoring Service Contract No. 5 with Environment I. All sampling was completed by Environment 1 in February, March, and April, 2021. Data sets have been received through February, 2021 and loaded on the website. December sampling results are in data review. All invoices through December, 2020 have been processed and paid.

February: All samples were collected, analyzed and reported per MOA requirements with the following exceptions:

02/22/21: J5410000(Mill Creek at SR1200 nr Cox Mill); unable to access due to road flooding. No sample collected.
02/22/21: J5500000(Falling Creek at SR1219 Old Grantham Rd nr Grantham); unable to access due to road flooding. No sample collected.

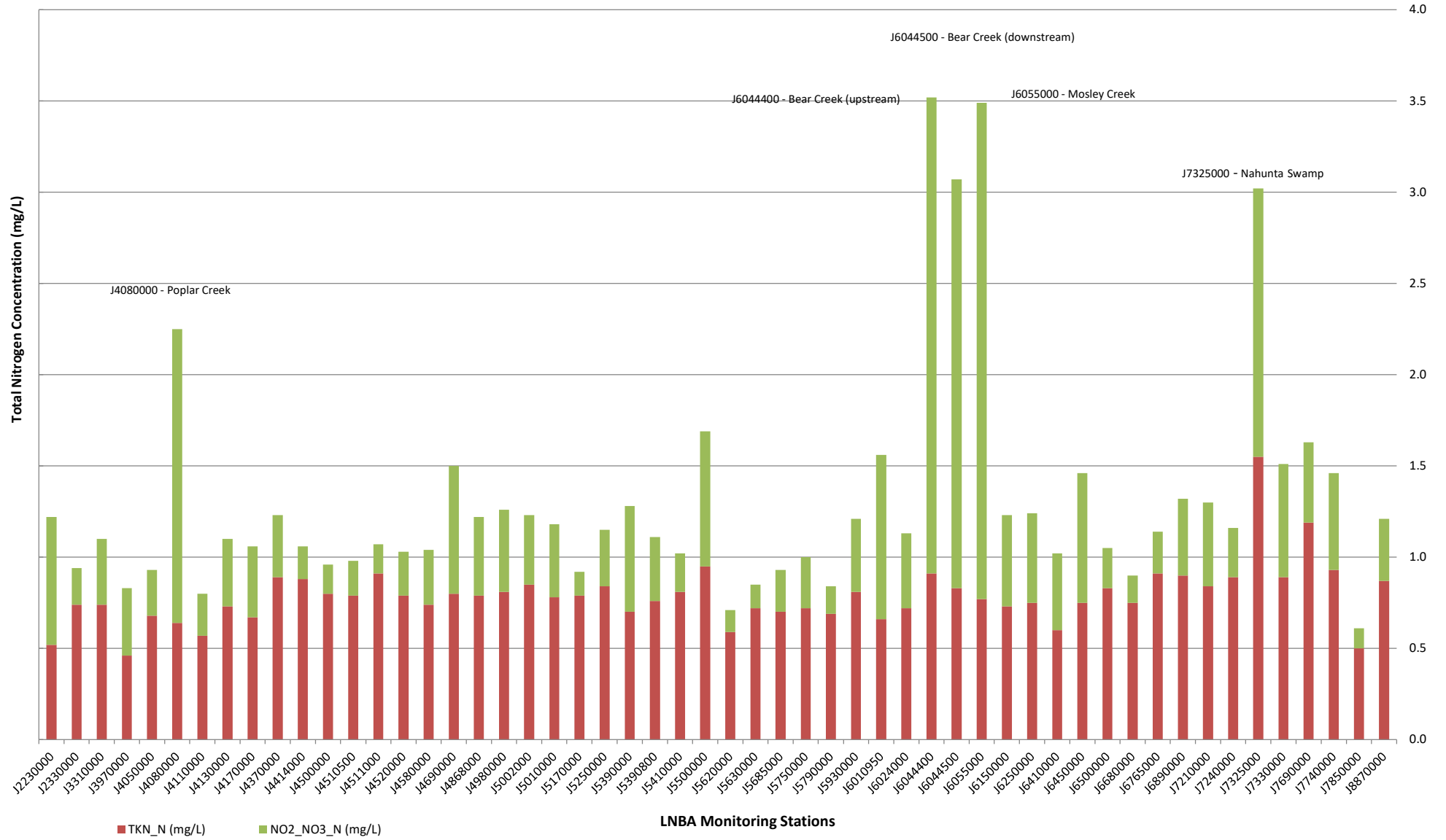
March: All samples were collected per MOA requirements. The results for samples collected in March are in data review and will be distributed in May.

April: All samples were collected per MOA requirements. Analysis of samples collected in April is ongoing.

Draft 303(d) Report and Integrated Report – The draft 303(d) list and integrated report was released for public comment and comments were reviewed by the Executive Committee and submitted to DWR. The comments are posted on the “Meetings” page in Other Files:

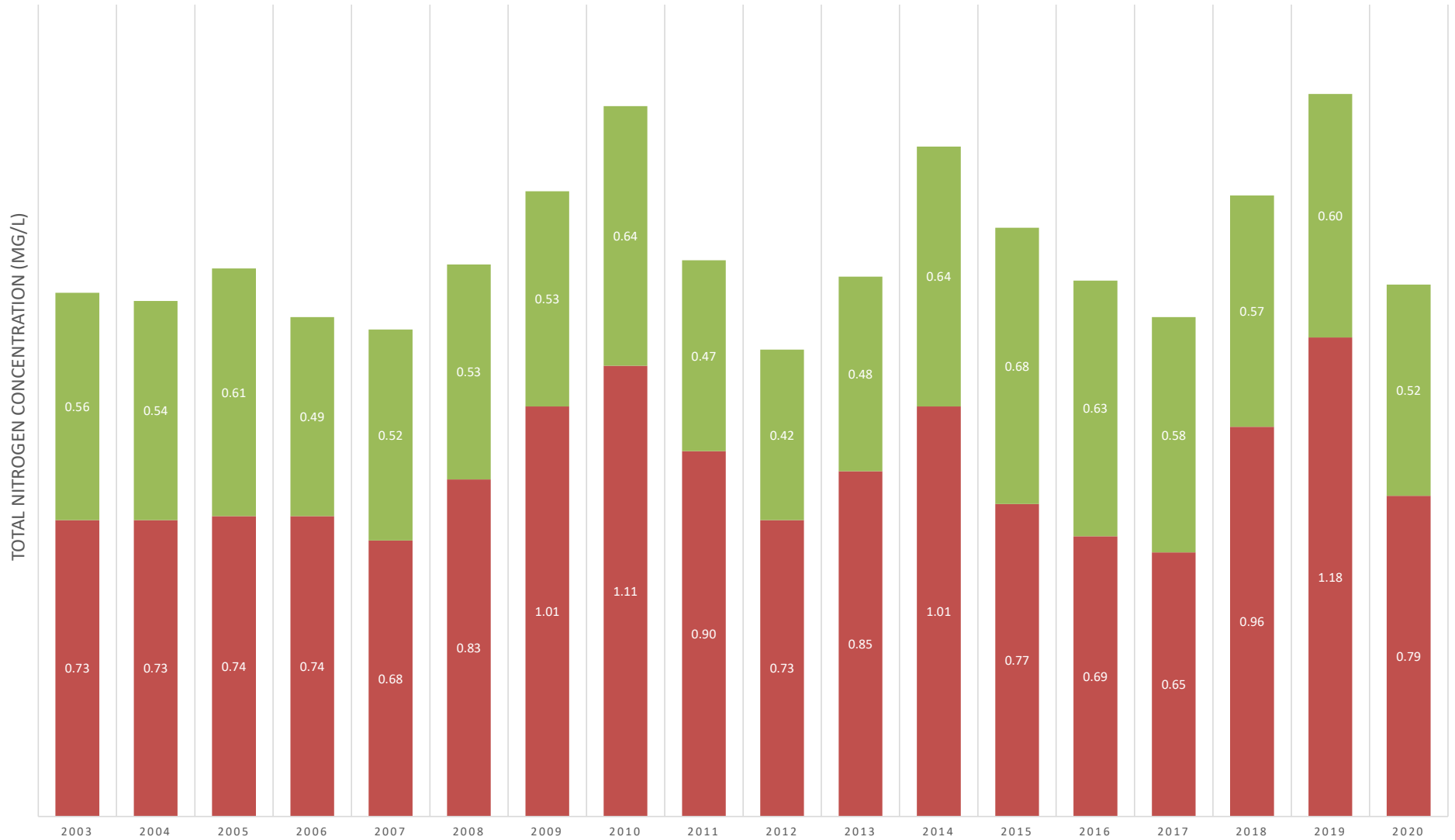
[Comments on the Draft 2020 303\(d\) List & Integrated Report](#)

2020 LNBA Monitoring Stations Total Nitrogen Annual Average Concentrations



2003-2020 AVERAGE TOTAL NITROGEN CONCENTRATIONS FOR LNBA SAMPLING SITES

TKN_N (mg/L) NO2_NO3_N (mg/L)



Avg. TKN_N = 0.80 mg/L Avg. NO2_NO3_N = 0.53 mg/L

YEAR