

## AGENDA

### **Lower Neuse Basin Association, Inc.<sup>®</sup> Neuse River Compliance Association, Inc.<sup>®</sup>**

**May 2, 2019  
Town of LaGrange, N.C.  
10:00 a.m.**

- **Welcome, Roll Call, and Introduction of Guests**
- **Approval of Minutes for February 7, 2019 – (AI) Dan, (pages 2 – 3)**
- **Officer Nominating Committee Recommendation (AI) Committee Member (page 4)**
  - \*Officer Elections**
- **LNBA/NRCA Financials –**
  - \* February, March, and April, 2019 Treasurer’s Reports (AI)  
including Current YTD Expenditures – Donald or Haywood (pages 5 – 6)**
  - \* LGFCU is no longer servicing non-profit accounts - Haywood**
- **Update on Legislative Action in the General Assembly, HB 812 & 816 – Dan & Haywood  
(pages 7 – 11)**
  - \* Consideration for Resuming Agreement with Blanchard, Miller, Lewis, Isley, PA (AI)**
- **LNBA Sampling Report, February, March, and April, 2019 – Haywood (page 12 - 14)**
  - \* LNBA Annual Report -**
  - \* Update on LNBA MOA with DWR Renewal -**
  - \* Sampling Station Change, J3290000 – (page 15)**
  - \* Authorization for Executive Committee to Approve Final MOA -**
- **Prospective New Members to the NRCA - Haywood**
- **Comments Submitted on Proposed Nutrient Rules – Dan & Haywood**
- **LNBA/NRCA Annual Training School, July 30<sup>th</sup> and August 1<sup>st</sup> - Haywood**
- **Member Reports**
- **Next Meeting and Adjourn – Location/Date: City of Wilson - September 5, 2019**

**(AI) – Action Item**

**Lower Neuse Basin Association®/Neuse River Compliance Association®  
February 7, 2019 Draft Meeting Minutes  
City of Raleigh, N.C.**

**Attending:**

Fred Dancy	SGWASA	Jimmy Pridgen	City of Wilson
T. J. Lynch	City of Raleigh	Jay Sauber	Water Quality Consultant
Barry Parks	City of Wilson	Tim Robbins	Town of Benson
Brian Gay	Town of Benson	Tony Hawkins	City of New Bern
David Hardin	Town of Apex	Dan Wall	Johnston County
Dan McLawhorn	City of Raleigh	John Kiviniemi	City of Raleigh
Chuck Smithwick	Contentnea MSD	Michael McAllister	Town of Kenly
Donald Smith	Town of Cary	James Warren	Town of Clayton
Glenn Dunn	Poyner & Spruill	Joe Pearce	Aqua, N.C.
Mike Wagner	City of Goldsboro	Steve Tedder	B & V & Tedder Farm Consulting
Mark Vander Borgh	DWR Water Science	Casey Garland	The Wooten Company
Mark Oliveria	Environmental I	Barrett Jenkins	Restoration Systems
Brian Wrenn	DWR Water Science	David Huffman	DWR Water Science
Haywood Phthisic	LNBA/NRCA	Jeff White	Dow – Dupont (call-in)

The Chair, Dan McLawhorn, called the meeting to order and welcomed everyone. The roll was called and there were 14 of 18 members present representing the LNBA and 17 of 22 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 2, 2018 meeting were presented and approved by the Boards.

**Financials** – *Treasurer's Report* - The Treasurer's Reports for November, December and January, 2019 were presented by Donald Smith. As of January 28<sup>th</sup>, the LNBA account balance was \$179,491.19 and NRCA account balance was \$206,137.97. A year-to-date expenditure summary for FY 2018-19 was provided for the boards review. Barry Parks made a motion to approve the reports as presented, seconded by T. J. Lynch, and approved by the Boards.

*Proposed Budget and Membership Fees for FY 2019-20* – The Finance Committee (Barry Parks, Chuck Smithwick, and Donald Smith) presented its recommendation to the Boards for FY 2019-20. There is no proposed increase in the budget for either association for the upcoming fiscal year but, it was noted, that due to increases in permit flow for the LNBA there would be increases/decreases for the LNBA members. The budget for the NRCA contained no increase and fund ModMon from fund balance at the same level as the current fiscal year. Following discussion, Mike Wagner seconded the Finance Committee recommendation, and the Boards approved the budget and membership fees for both associations.

*LNBA By-Law Revision* – The LNBA Board was presented a revision to Article VIII, Section 4. "Dues and Special Assessments" of the LNBA By-Laws. This revision would allow the LNBA to assess a member for special fees that may arise from time to time. The LNBA as well as the member would have to be in agreement on the basis of the assessment and the amount. Following discussion, T. J. Lynch made the motion to approve the by-law revision, seconded by Barry Parks, and approved by the LNBA Board.

*City of Raleigh's Request to Participate in LNBA's Contract with Environment I* – The City of Raleigh requested that the City be allowed to continue participation in the LNBA's agreement with Environment I and invoice the City for the cost incurred. Haywood noted that the sampling has been included in the MOA with DWR since the 2014 MOA renewal and the work has been completed for the past 5 years. Following discussion, Chuck Smithwick made the motion to approve Raleigh's participation, seconded by T. J. Lynch, and approved by the Board.

**LNBA Sampling Report** – Work continues on the Lower Neuse River Monitoring Service Contract No. 5 with Environment I. Sample collection was completed by Environment 1 in November, December, 2018, and January, 2019. Data sets have been received through November, 2018 and loaded on the website. December sampling results are in final review and all invoices have been processed and paid through December, 2018. The only exceptions during this period was due to bridge replacement at J6044500, Bear Creek Road near Kinston, as the site could not be accessed.

The Memorandum of Agreement (MOA) with the Division as part of the coalition monitoring program will expire in July, 2019. Haywood noted he was reviewing a draft from the Division and would report back at the May Board meeting.

303(d) Presentation – Jay Sauber, Water quality Consultant for the Associations, gave a presentation on the Draft 303(d) Listing and Integrated Report for 2018. Jay reviewed the comments that were submitted by the LNBA/NRCA noting the EMC revised the methodology in March, 2018 (easier to place a water body on the list, harder to remove).

**Officer Nominating Committee Appointment** – The annual meeting will be May 2, 2019 and officers will be elected at that meeting. Dan appointed the following to serve on the Committee: T. J. Lynch, Chuck Smithwick, and Kenny Stevens.

**Restoration Systems (RS) and HUC Nutrient Credit Statute** - Haywood reported Restoration Systems was moving the HUC statute revised to allow offset credits to be placed in the lower estuary and allow nutrient credits to be moved to the discharge point. RS plans to get a bill introduced in the long session.

**EMC Approval of the Proposed Nutrient Rules** – Dan noted the Environmental Management Commission approved the Proposed Nutrient Rules in January with the offset rate set at 1.1 to 1.0 (110% of the HUC nutrient rate) and allowing for a 10 year window for demonstrating adequate nitrogen allocation for new or renewing NPDES permits. The Public Hearings for these rules will be March 26<sup>th</sup> (Kinston) and March 28<sup>th</sup> (Clayton). Haywood noted the members need to submit comments in support of the rules and attend the public hearings.

**Legislative Considerations for the Long Session** – Dan and Haywood noted that no action will be taken to intervene through the General Assembly while the Proposed Nutrient Rules work through the process of rule adoption.

The next meeting is scheduled for May 2, 2019 at 10:00 to be hosted by the Town of LaGrange. With no further business, the meeting was adjourned.

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, 2019

**SUBJECT:** Officer Nominations for 2019.

The committee met via conference call on March 12, 2019 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 all current officers agreed they were willing to serve a two year term beginning May 2, 2019.

The Committee recommends the following members to serve as officers beginning May 2, 2019 through May 6, 2021:

Chairman – Dan McLawhorn, City of Raleigh  
Vice-Chair – Barry Parks, City of Wilson  
Treasurer – Donald Smith, Town of Cary  
Secretary – James Warren, Town of Clayton

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

**Treasurer's Report**

**4/30/2019**

**LNBA**

<b>Balance Forward: (checking per bank statement - 1/28/19)</b>	Checking	\$	108,663.35
	Savings	\$	70,827.84
<b>Debits:</b>			
PCi, Inc. (Jan., Feb, & Mar, 19 Invs)		\$	5,508.08
Sauber Water Quality Consulting (Jan & Feb 19 Invs)		\$	1,890.00
Poyner & Spruill (Feb. 19 Inv)		\$	763.13
Environment I, Inc. (Jan. Feb. & Mar, 19 Invs)			22,962.18
Bank Charges (checks & maintenance fees)			3.00
			<hr/>
Total Debits		\$	31,126.39
<b>Credits:</b>			
Interest (checking)		\$	33.25
Interest (savings)			84.46
<b>Checking Account Balance (per bank statement - 4/25/19)</b>		\$	77,570.21
LGCU Share Account Balance (savings account)			70,912.30
			<hr/>
<b>Total LNBA Account Balance</b>		<b>\$</b>	<b>148,482.51</b>
			<hr/> <hr/>

**NRCA**

<b>Balance Forward: (per bank statement -1/28/19)</b>	Checking	\$	93,628.72
	Savings		112,509.25
<b>Debits:</b>			
PCi, Inc (Jan., Feb., & Mar 19 Invs)		\$	8,259.00
MFG Consulting, LLC (Jan. & Feb 19 Invs)			200.00
Bank Charges (checks & maintenance fees)			3.00
			<hr/>
Total:		\$	8,462.00
<b>Credits:</b>			
Transfer to Savings		\$	-
Interest (Savings)			134.17
Interest (Checking)			31.87
<b>Account Balance (per bank statement -4/25/19)</b>	Checking	\$	85,198.59
LGCU Share Account Balance (savings account)	Savings		112,643.42
			<hr/>
<b>Total NRCA Account Balance</b>		<b>\$</b>	<b>197,842.01</b>
			<hr/> <hr/>

**Current Expenditures for FY 2018-19**

Date: 4/30/2019

LNBA	Monitoring	ED Services	Training	Admin	Legal	Web Services	Consultant	Total
July, 2018	\$ 7,654.06	\$ 2,432.21	\$ 880.64	\$ 1.00	\$ -	\$ 100.00	\$ 560.00	\$ 11,627.91
August	7,654.06	1,278.59	-	1.00	-	-	-	8,933.65
September	7,654.06	1,714.72	-	1.00	330.55	100.00	-	9,800.33
October	7,654.06	2,254.47	-	1.00	-	-	-	9,909.53
November	7,654.06	1,658.68	-	601.00	516.74	100.00	-	10,530.48
December	7,654.06	1,431.20	-	100.00	-	100.00	-	9,285.26
January, 2019	7,654.06	1,945.78	-	1.00	-	-	-	9,600.84
February	7,654.06	1,718.54	-	1.00	-	-	1,890.00	11,263.60
March	7,654.06	1,842.76	-	1.00	763.13	-	-	10,260.95
April	-	-	-	-	-	-	-	-
May	-	-	-	-	-	-	-	-
June	-	-	-	-	-	-	-	-
<b>Total</b>	<b>\$ 68,886.54</b>	<b>\$ 16,276.95</b>	<b>\$ 880.64</b>	<b>\$ 601.00</b>	<b>\$ 1,610.42</b>	<b>\$ 400.00</b>	<b>\$ 2,450.00</b>	<b>\$ 91,105.55</b>
<b>Budget</b>	<b>\$ 94,800.00</b>	<b>\$ 21,500.00</b>	<b>\$ 1,500.00</b>	<b>\$ 1,000.00</b>	<b>\$ 10,000.00</b>	<b>\$ 2,500.00</b>	<b>\$ 3,500.00</b>	<b>\$ 134,800.00</b>

68%

NRCA	Permit/Grant	ED Services	Training	Admin	Legal	Web Services	Consultant	Total
July, 2018	\$ -	\$ 2,432.00	\$ 948.89	\$ 1.00	\$ -	\$ -	\$ 560.00	\$ 3,941.89
August	-	1,919.00	-	1.00	-	100.00	-	2,020.00
September	-	2,572.00	-	1.00	329.00	-	-	2,902.00
October	-	3,382.00	-	100.00	-	100.00	-	3,582.00
November	3,440.00	3,080.00	-	601.00	3,016.74	-	-	10,137.74
December	-	2,150.00	-	1.00	2,500.00	-	-	4,651.00
January, 2019	-	2,919.00	-	1.00	-	100.00	-	3,020.00
February	-	2,577.00	-	1.00	-	100.00	-	2,678.00
March	-	2,764.00	-	1.00	-	100.00	-	2,865.00
April	-	-	-	-	-	-	-	-
May	-	-	-	-	-	-	-	-
June	-	-	-	-	-	-	-	-
<b>Total</b>	<b>\$ 3,440.00</b>	<b>\$ 23,795.00</b>	<b>\$ 948.89</b>	<b>\$ 601.00</b>	<b>\$ 5,845.74</b>	<b>\$ 500.00</b>	<b>\$ 560.00</b>	<b>\$ 35,690.63</b>
<b>Budget</b>	<b>\$ 8,500.00</b>	<b>\$ 40,000.00</b>	<b>\$ 1,500.00</b>	<b>\$ 2,500.00</b>	<b>\$ 20,000.00</b>	<b>\$ 1,500.00</b>	<b>\$ 3,500.00</b>	<b>\$ 77,500.00</b>

46%

GENERAL ASSEMBLY OF NORTH CAROLINA  
SESSION 2019

H

1

HOUSE BILL 812

Short Title: Nutrient Offset Amendments. (Public)

Sponsors: Representatives White, Bell, McGrady, and Jones (Primary Sponsors).  
*For a complete list of sponsors, refer to the North Carolina General Assembly web site.*

Referred to: Environment, if favorable, Rules, Calendar, and Operations of the House

April 18, 2019

1 A BILL TO BE ENTITLED  
2 AN ACT TO AMEND AND CLARIFY THE STATUTES GOVERNING THE NUTRIENT  
3 OFFSET CREDIT PROGRAM.

4 The General Assembly of North Carolina enacts:

5 SECTION 1. G.S. 143-214.26 reads as rewritten:

6 "§ 143-214.26. Nutrient offset credits.

7 (a) Nutrient offset credits may be purchased to ~~partially~~ offset nutrient loadings to surface  
8 waters as required by the Environmental Management Commission. Nutrient offset credits shall  
9 be effective for the duration of the nutrient offset project unless the Department of Environmental  
10 Quality finds the credits are effective for a limited time period. Nutrient offset projects authorized  
11 under this section shall be ~~all of the following:~~

12 (1) ~~Consistent~~ consistent with rules adopted by the Commission for  
13 implementation of nutrient management strategies.

14 (2) ~~Located within the same hydrologic area, as defined in G.S. 143-214.11, in~~  
15 ~~which the associated nutrient loading takes place.~~

16 (b) A government entity, as defined in G.S. 143-214.11, may purchase nutrient offset  
17 credits through either:

18 (1) Participation in a nutrient offset bank that has been approved by the  
19 Department if the Department approves the use of the bank for the required  
20 nutrient offsets.

21 (2) Payment of a nutrient offset fee established by the Department into the  
22 Riparian Buffer Restoration Fund established in G.S. 143-214.21.

23 (c) A party other than a government entity, as defined in G.S. 143-214.11, may purchase  
24 nutrient offset credits through either:

25 (1) Participation in a nutrient offset bank that has been approved by the  
26 Department if the Department approves the use of the bank for the required  
27 nutrient offsets.

28 (2) Payment of a nutrient offset fee established by the Department into the  
29 Riparian Buffer Restoration Fund established in G.S. 143-214.21. This option  
30 is only available to an applicant who demonstrates that the option under  
31 subdivision (1) of this subsection is not available.

32 (d) To offset NPDES-permitted wastewater nutrient sources, credits may only be  
33 acquired from nutrient offset projects located in either of the following areas:



\* H 8 1 2 - V - 1 \*

- 1           (1)   The same hydrologic area. For purposes of this subdivision, "hydrologic area"  
2                   means an eight-digit cataloging unit designated by the United States  
3                   Geological Survey.
- 4           (2)   A location that is downstream from the source and upstream from the water  
5                   body identified for restoration under the applicable TMDL or nutrient  
6                   management strategy.
- 7           (e)   To offset stormwater or other nutrient sources, credits may only be acquired from an  
8                   offset project located within the same hydrologic area, as defined in G.S. 143-214.11.
- 9           (f)   The permissible credit sources identified in subsections (d) and (e) of this section may  
10                   be further limited by rule as necessary to achieve nutrient strategy objectives."
- 11                   **SECTION 2.** This act is effective when it becomes law and applies to nutrient offset  
12                   credits purchased on or after that date.

**GENERAL ASSEMBLY OF NORTH CAROLINA**  
**SESSION 2019**

**H**

**2**

**HOUSE BILL 816**  
**Corrected Copy 4/25/19**

Short Title: Study Biomanufacturing/Nutrient Allocation. (Public)

Sponsors: Representatives White, Reives, and Grange (Primary Sponsors).  
*For a complete list of sponsors, refer to the North Carolina General Assembly web site.*

Referred to: Environment, if favorable, Rules, Calendar, and Operations of the House

April 18, 2019

1 A BILL TO BE ENTITLED  
2 AN ACT TO ESTABLISH THE JOINT SELECT COMMITTEE ON BIOMANUFACTURING  
3 AND TO LOWER THE PURCHASE PRICE FOR NONPOINT SOURCE NUTRIENT  
4 ALLOCATION FOR NEW AND EXPANDING WASTEWATER TREATMENT  
5 PLANTS.

6 The General Assembly of North Carolina enacts:

7  
8 **BIOMANUFACTURING STUDY**

9 **SECTION 1.** Establishment; membership; holdover of legislative members. – There  
10 is established the Joint Select Committee on Biomanufacturing. The membership is as follows:

- 11 (1) Three members of the Senate appointed by the President Pro Tempore of the  
12 Senate.
- 13 (2) Three members of the House of Representatives appointed by the Speaker of  
14 the House of Representatives.
- 15 (3) One member appointed by the Speaker of the House upon the  
16 recommendation of the North Carolina Biotechnology Center.
- 17 (4) One member appointed by the President Pro Tempore of the Senate upon the  
18 recommendation of the North Carolina Biosciences Organization.
- 19 (5) One member appointed by the President Pro Tempore of the Senate upon the  
20 recommendation of the Secretary of the Department of Environmental  
21 Quality.
- 22 (6) One member appointed by the Speaker of the House upon the  
23 recommendation of the Secretary of Commerce.
- 24 (7) One member appointed by the President Pro Tempore of the Senate upon the  
25 recommendation of the North Carolina Economic Development Association.
- 26 (8) One member appointed by the Speaker of the House upon the  
27 recommendation of the North Carolina Manufacturers Alliance.
- 28 (9) One member appointed by the President Pro Tempore of the Senate upon the  
29 recommendation of the President of The University of North Carolina.
- 30 (10) One member appointed by the Speaker of the House upon the  
31 recommendation of the North Carolina Community College System.
- 32 (11) The chair of the NCWorks Commission, ex officio.

33 Committee members who are members of the General Assembly may complete a term  
34 of service on the Committee even if they do not seek reelection or are not reelected to the General  
35 Assembly, but resignation or removal from service in the General Assembly constitutes



\* H 8 1 6 - V - 2 \*

1 resignation or removal from service on the Committee. The appointing officer as set forth in this  
2 section shall nominate persons to fill vacancies created by resignation or removal in the same  
3 manner as the member was originally selected.

4 **SECTION 2.** Chairs; meetings; quorum. – The President Pro Tempore of the Senate  
5 and the Speaker of the House of Representatives must each designate a cochair of the Committee.  
6 The Committee shall meet upon the joint call of the cochairs. A quorum of the Committee is a  
7 majority of its members.

8 **SECTION 3.** Purpose. – The Committee is directed to study what is needed to keep  
9 North Carolina at the forefront of emerging biomanufacturing technologies and job creation,  
10 including all of the following:

- 11 (1) Estimates of current and future biomanufacturing workforce needs and  
12 identification of existing and potential bottlenecks that would limit or hinder  
13 meeting those needs.
- 14 (2) Estimates of current and future biomanufacturing water and wastewater needs  
15 and identification of existing and potential bottlenecks that would limit or  
16 hinder meeting those needs.
- 17 (3) Assessment and characterization of the State's existing biomanufacturing  
18 workforce education and training assets, together with an estimate of future  
19 workforce training needs and identification of investments in personnel,  
20 facilities, and equipment needed to meet those needs.
- 21 (4) Identification of locations in the State that can readily accommodate new  
22 biomanufacturing operations.
- 23 (5) Identification of existing and emerging wastewater treatment strategies and  
24 technologies that can be used to meet the State's biomanufacturing wastewater  
25 treatment needs and remove bottlenecks identified in subdivision (2) of this  
26 section.
- 27 (6) Any other recommendations as the Committee considers appropriate to  
28 support the future growth of North Carolina's biomanufacturing sector.

29 **SECTION 4.** Per diem; staff. – Members of the Committee receive per diem,  
30 subsistence, and travel allowance as provided in G.S. 120-3.1, 138-5, or 138-6, as appropriate.  
31 The Legislative Services Officer shall assign professional and clerical staff to assist the  
32 Committee in its work.

33 **SECTION 5.** Report. – The Committee may submit an interim report to the 2019  
34 Regular Session of the General Assembly prior to its reconvening in 2020 and shall make a final  
35 report to the 2021 Regular Session of the General Assembly prior to its first convening after  
36 adjourning its organizational session. The Committee shall also submit its report to the Secretary  
37 of Commerce, the Secretary of Environmental Quality, the President of The University of North  
38 Carolina, the President of the North Carolina Community College System, and other entities as  
39 may be designated by the cochairs, the Speaker of the House, or the President Pro Tempore of  
40 the Senate.

41 **SECTION 6.** Termination. – The Committee terminates when the 2021 Regular  
42 Session of the General Assembly first convenes after adjourning its organizational session or  
43 upon the filing of its final report, whichever occurs first.

#### 44 **NUTRIENT SENSITIVE WATERS NONPOINT SOURCE ALLOCATION** 45 **PURCHASES**

46 **SECTION 7.(a)** Definitions. – "Nonpoint Source Allocation Purchase Rule" means  
47 items (7)(b) and (8)(d) of 15A NCAC 02B .0234 (Neuse River Basin-Nutrient Sensitive Waters  
48 Management Strategy: Wastewater Discharge Requirements) for purposes of this section and its  
49 implementation.  
50

1           **SECTION 7.(b)** Nonpoint Source Allocation Purchase Rule. – Until the effective  
2 date of the revised permanent rule that the Environmental Management Commission is required  
3 to adopt pursuant to subsection (d) of this section, the Commission and local air permitting  
4 programs shall implement the Nonpoint Source Allocation Purchase Rule as provided in  
5 subsection (c) of this section.

6           **SECTION 7.(c)** Implementation. – In cases where new and expanding wastewater  
7 treatment facilities cannot obtain estuary point source allocation and must purchase a portion of  
8 the nonpoint source load allocation, the purchase rate shall be one hundred ten percent (110%)  
9 of the cost as set in 15A NCAC 02B .0240.

10           **SECTION 7.(d)** Additional Rule-Making Authority. – The Commission shall adopt  
11 a rule to amend the Nonpoint Source Allocation Purchase Rule consistent with subsection (c) of  
12 this section. Notwithstanding G.S. 150B-19(4), the rule adopted by the Commission pursuant to  
13 this subsection shall be substantively identical to the provisions of subsection (c) of this section.  
14 Rules adopted pursuant to this section are not subject to Part 3 of Article 2A of Chapter 150B of  
15 the General Statutes. Rules adopted pursuant to this section shall become effective as provided  
16 in G.S. 150B-21.3(b1) as though 10 or more written objections had been received as provided in  
17 G.S. 150B-21.3(b2).

18           **SECTION 7.(e)** Sunset. – This section expires when permanent rules adopted as  
19 required by subsection (d) of this section become effective.

20           **SECTION 7.(f)** This section is effective when it becomes law.

21           **SECTION 8.** Section 7 of this act is effective when it becomes law. The remainder  
22 of this act is effective July 1, 2019.

**Lower Neuse Basin Association ®**

**TO:** Board Members  
**FROM:** Water Sampling Contract Coordinator  
**SUBJECT:** Sampling/Monitoring Report for May 2, 2019 Board Meeting  
**DATE:** April 30, 2019

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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, 2019. Data sets have been received through February, 2019 and loaded on the website. March sampling results are in data review. All invoices through March, 2019 have been processed and paid.

**There were sampling exceptions during this period:**

**2/13/2018, J6044500** (Bear Creek at SR 1311 (Bear Creek Road near Kinston) bridge replacement/construction, unable to access.

**3/13/2019, J6044500** (Bear Creek at SR 1311 (Bear Creek Road near Kinston) bridge replacement/construction, unable to access.

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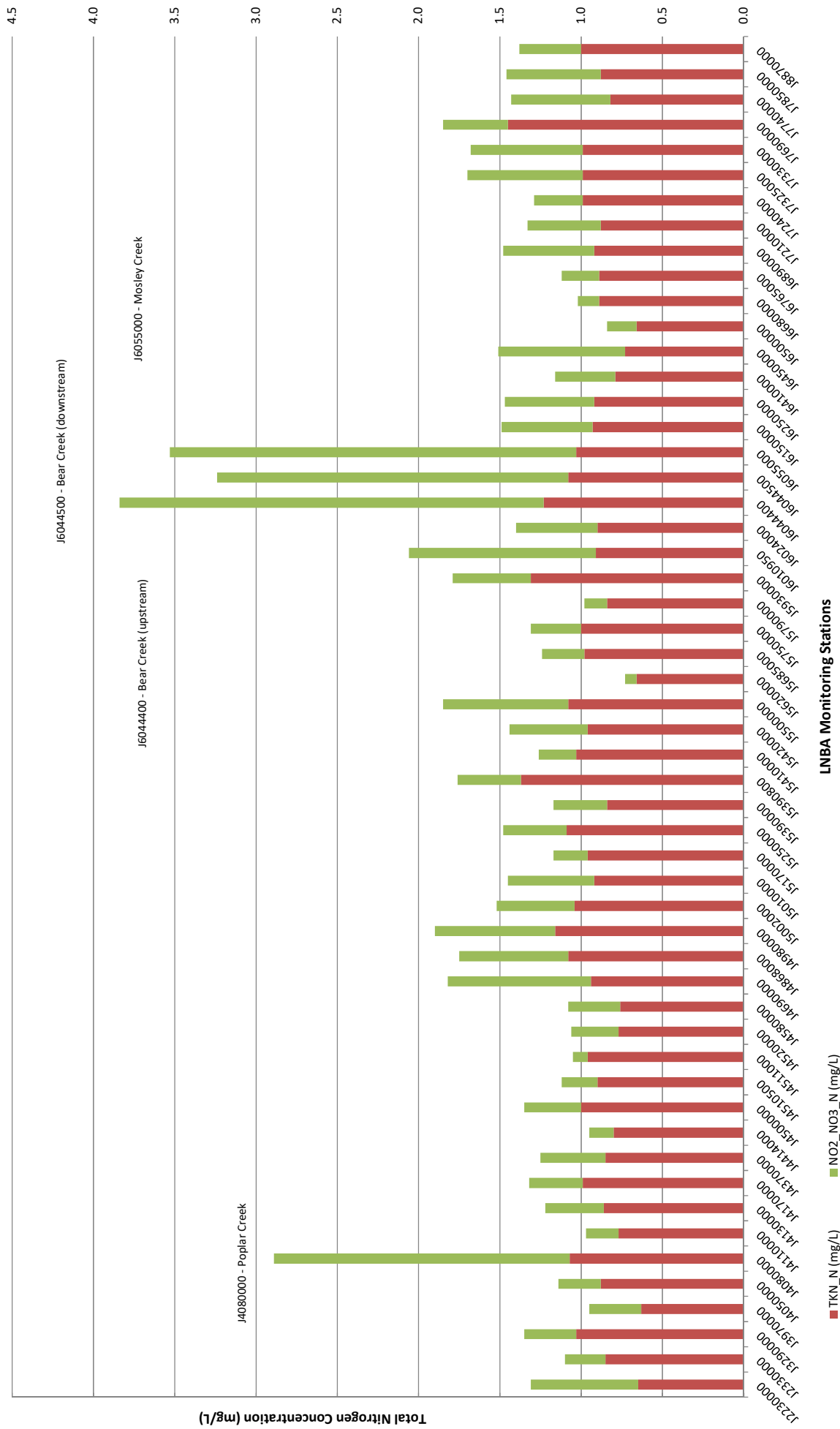
\* **The LNBA Annual Report** has been completed for 2018 and submitted to the Division as required by the MOA. Dissolved organic nitrogen (DON) was the predominate form of nitrogen at the sites sampled.

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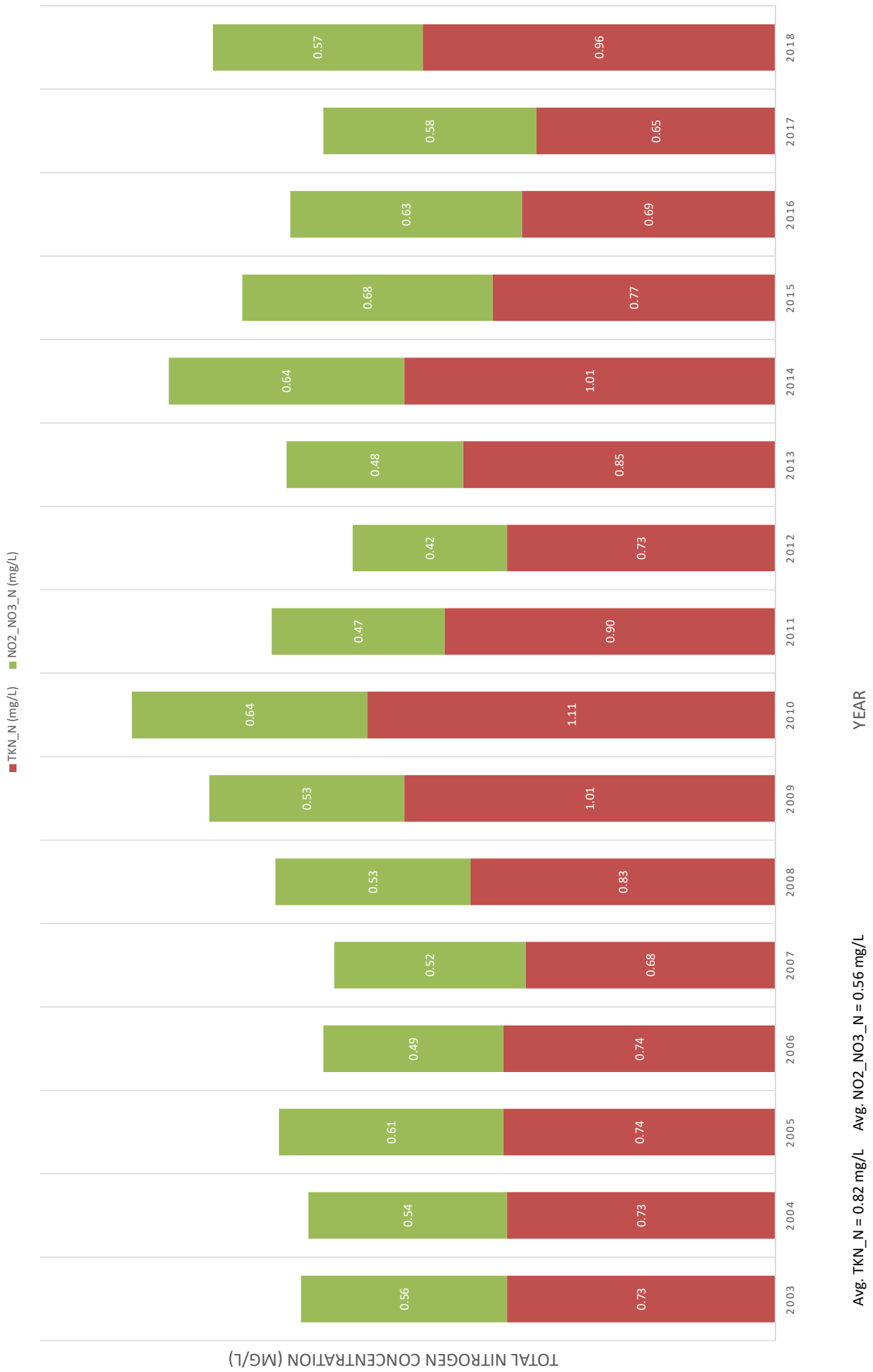
\* **Memorandum of Agreement (MOA) with the Division of Water Resources** is in draft form and being reviewed. Station J3290000, Crabtree Creek @ Capital Blvd., is being reviewed because of safety concerns (traffic). Station may be moved to a point downstream on less traveled road.

The MOA will be renewed in July and I ask the Board for authorization to allow the LNBA Executive Committee to review and approve the final version of the MOA.

## 2018 LNBA Monitoring Stations Total Nitrogen Annual Average Concentrations



### 2003-18 AVERAGE TOTAL NITROGEN CONCENTRATIONS FOR LNBA SAMPLING SITES



Legend

LNBA Sampling Site

Current Sampling Site, JS2900000

Proposed New Sampling Site

Google Earth

© 2018 Google

1000 ft



15