

AGENDA

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

**February 4, 2021
Webinar/Conference Meeting Due to Covid-19
10:00 a.m.**

- **Welcome, Roll Call, and Introduction of Guests**
- **Approval of Minutes for November 5, 2020 (AI) –**
- **LNBA/NRCA Financials –**
 - * November, December, and January, 2021 Treasurer’s Reports (AI) –**
 - * FY 2021-22 Budget and Membership Fees (AI) -**
 - * Modmon Budget Revision Request (AI) -**
 - * Executive Director Service Agreement -**
- **Officer Selection Committee Appointment -**
- **LNBA Sampling Report – November, December, and January, 2021 –**
- **LNBA/NRCA Training Program Update -**
- **Black & Veatch Presentation, “Doing More with Less - Driving Towards Carbon Efficient BNR”.**
- **Draft 303d List and Integrated Report (April 2, 2021) -**
- **SB 315, Transport Factor and Nutrient Offset Credits Update –**
- **Member Reports**
- **Next Meeting and Adjourn – Location/Date: To Be Determined - May 6th, 2021**

Action Items (AI)

Lower Neuse Basin Association®/Neuse River Compliance Association®
November 5, 2020 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	Larry Durgin	Town of Apex
Tony Hawkins	City of New Bern	David Hardin	Town of Apex
Dan Wall	Johnston County	Dan McLawhorn (Chair)	City of Raleigh
T. J. Lynch	Raleigh Water	Dana Hill	CWS-NC
Erika Bailey	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
Elliot Thomas	Craven County	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
Mike Wagner	City of Goldsboro	Steve Tedder	Tedder Farm Consulting
Mark Vander Borgh	DWR Ecosystem	Mike Templeton	DWR Permitting
Martin Lebo	CEA	Laura Pruitt	City of Wilson
Haywood Phthisic	LNBA/NRCA		

The Chair, Dan McLawhorn, called the meeting to order and welcomed everyone. The roll was called and there were 11 of 18 members present representing the LNBA and 15 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 September 3, 2020 meeting were presented and approved as submitted with no revisions.

Financials – *Treasurer's Report* - The Treasurer's Reports through October 31, 2020 were presented by Donald. As of Nov. 1st, the LNBA account balance was \$259,697.33 and NRCA account balance was \$286,026.07. Treasurers' Reports were approved by the Boards.

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 September and October, 2020. Data sets have been received through August, 2020 and loaded on the website. September sampling results are in data review. All invoices through September, 2020 have been processed and paid.

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

October: All samples were collected per MOA requirements and those samples are being processed.

J5620000 (Little River at SR 2333 (Smithfield Road) near Zebulon) has been replaced due to bridge collapse. The sampling site has been replaced with J5630000 (Little River at Riley Hill Road near Zebulon beginning in October.

I have received a note from Hans Pearl at the Institute of Marine Sciences in Morehead City, UNC-CH. The

ModMon program did not receive funding from the General Assembly in the last session and the future of ModMon program may be compromised.

Neuse River Resource Recovery Facility Presentation – Erica Baily, with Raleigh Water, made a presentation to the Boards on upgrades that have been implemented at the Neuse River Facility that have reduced the total nitrogen from an average of 2.4 mg/L (2004 – 2018) to 1.78 mg/L in 2018 (year round average). In 2019 the average concentration thru September was 1.72 mg/L. The facility optimizations reduced the amount of nitrogen discharged by an amount greater than 50,000 lbs. annually. To view the presentation click on this link: [Neuse River RR Facility Nitrogen Optimizations](#) .

Board Meeting Dates for 2021 – Haywood recommended the following dates for 2021: February 4th , May 6th , September 2nd , and November 4th . Haywood noted that due to the ongoing Covid-19 issues that most meeting will remain as virtual meeting for the near term with the possibility of face to face meeting in the second half of the year. The Board, by consent, approved the meeting dates.

Operator Certification CEUs – The Operator Certification Commission has ruled that operators have until December 31, 2021 to receive 12 hours of training (for 2020 & 2021). Haywood discussed how the associations may move forward with providing operator CEUs for 2021 including third party assistance. More information will be provided at the February meeting.

SB 315, Transport Factor and Nutrient Offset Credits Update – Dan and Haywood updated the Boards on the proposed modeling on the Neuse River. 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 February 4, 2021 at 10:00. With no further business, the meeting was adjourned.

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

Treasurer's Report

2/3/2020

LNBA

Balance Forward: (checking per bank statement - 10/31/2020)		Checking	\$	126,121.05
		Savings		134,576.28
Debits:	Environment I, Inc. (LNBA, Invoices)		\$	22,962.18
	Environment I, Inc. (Raleigh, Invoices)			4,255.65
	MFG Consulting LLC (Invoices)			300.00
	Pci (Invoices)			3,074.07
	JMW Bookkeeping (90 Tax Return)			630.00
	Total Debits		\$	31,221.90
Credits:	Interest (checking)		\$	42.42
	Interest (savings)			254.13
	Donation (Blackbaud - Redhat)			100.00
Checking Account Balance (per bank statement - 1/31/2021)			\$	95,041.57
				134,830.41
Total LNBA Account Balance			\$	229,871.98

NRCA

Balance Forward: (per bank statement -10/31/2020)		Checking	\$	92,207.58
		Savings		193,818.49
Debits:	PCi (Invoices)		\$	5,376.00
	NC DWR (permit renewal)		\$	3,440.00
	JMW Bookkeeping (990 Tax Return)			630.00
	Sauber Water Quality Consulting			1,820.00
	Total:		\$	11,266.00
Credits:	Transfer to Savings Acc't		\$	-
	Interest (Savings)			366.03
	Interest (Checking)			33.06
Account Balance (per bank statement - 1/31/2021)		Checking	\$	80,974.64
		Savings		194,184.52
Total NRCA Account Balance			\$	275,159.16

Recommended LNBA/NRCA FY 2021 -22 BUDGET

Date: 1/28/2021

LNBA BUDGET

	Current	Draft	
	FY 20-21	FY 21-22	
Expenditures	Budget	Budget	
Water Sampling Contract	\$ 92,000.00	\$ 92,000.00	
Consultant Services	34,900.00	34,900.00	
Administrative Costs/Website	2,500.00	2,000.00	
Educational Training **	1,500.00	5,000.00	
Metals Monitoring	3,900.00	3,900.00	
Total	\$ 134,800.00	\$ 137,800.00	
Revenues			
Membership Dues	\$ 134,800.00	\$ 134,800.00	
Member Assessment *	17,022.60	17,022.60	
Fund Balance	-	3,000.00	
Total	\$ 151,822.60	\$ 154,822.60	

** Additional fund balance funds for operator training program due to Covid-19.

NRCA BUDGET

	Current	Draft	
	FY 20-21	FY 21-22	
Expenditures	Budget	Budget	
Consultant Services	\$ 65,000.00	\$ 65,000.00	
Administrative Costs/Website	2,500.00	2,000.00	
Educational Training **	1,500.00	5,000.00	
MODMON Research	5,000.00	5,000.00	
DWQ Permit Fee	3,500.00	3,500.00	
Total	\$ 77,500.00	\$ 80,500.00	
Revenues			
Membership Dues	\$ 72,500.00	\$ 72,500.00	
Fund Balance	5,000.00	8,000.00	
Total	\$ 77,500.00	\$ 80,500.00	
Total for LNBA/NRCA	\$ 229,322.60	\$ 235,322.60	

* City of Raleigh assessment for sample collection & analysis of their sites.

** Additional fund balance funds for operator training program due to Covid-19.

Recommended LNBA/NRCA Membership Dues for Fiscal Year 2021 -2022

Date: 1/28/2021

MEMBER	Permitted Flow (MGD)	2021-22 LNBA Base Fee	2021-22 LNBA (Q)	2021-22 Total LNBA Dues	2021-22 NRCA Base Fee	2020 - MidYear EOP Pounds of TN	2021-22 NRCA (\$/lbs.)	2021-22 Total NRCA Dues	Total Dues FY 2021-22
Town of Fuquay-Varina*	3.117	\$ 250.00	\$ 2,153.96	\$ 2,403.96	\$ -	0	\$ -	\$ -	\$ 2,403.96
City of Havelock	2.250	250.00	1,554.83	1,804.83	250.00	20,049	1,527.38	1,777.38	3,582.21
Duke Energy Progress	2.160	250.00	1,492.64	1,742.64	250.00	7	0.53	250.53	1,993.17
Dupont-Kinston, Inc.	3.600	250.00	2,487.74	2,737.74	250.00	1,657	126.23	376.23	3,113.97
City of Kinston	11.850	250.00	8,188.80	8,438.80	250.00	41,185	3,137.56	3,387.56	11,826.36
Johnston County	9.500	250.00	\$ 6,564.86	6,814.86	250.00	32,774	2,496.79	2,746.79	9,561.65
City of Goldsboro	14.200	250.00	9,812.74	10,062.74	250.00	59,339	4,520.57	4,770.57	14,833.31
Town of LaGrange	0.750	250.00	518.28	768.28	250.00	7,328	558.26	808.26	1,576.54
Contentnea MSD	3.500	250.00	2,418.63	2,668.63	250.00	9,015	686.78	936.78	3,605.41
Town of Kenly	0.630	250.00	435.35	685.35	250.00	8,249	628.43	878.43	1,563.78
City of Wilson	14.000	250.00	9,674.53	9,924.53	250.00	59,469	4,530.48	4,780.48	14,705.00
Town of Benson	1.900	250.00	1,312.97	1,562.97	250.00	11,949	910.30	1,160.30	2,723.27
Town of Farmville	3.500	250.00	2,418.63	2,668.63	250.00	4,468	340.38	590.38	3,259.01
Town of Cary	24.800	250.00	17,137.74	17,387.74	250.00	65,236	4,969.82	5,219.82	22,607.55
City of Raleigh	80.200	250.00	55,421.23	55,671.23	250.00	359,102	27,357.16	27,607.16	83,278.38
City of New Bern	6.500	250.00	4,491.75	4,741.75	250.00	37,696	2,871.76	3,121.76	7,863.51
Town of Apex	3.600	250.00	2,487.74	2,737.74	250.00	12,893	982.22	1,232.22	3,969.95
Town of Clayton	2.500	250.00	1,727.59	1,977.59	250.00	16,222	1,235.83	1,485.83	3,463.42
SGWASA**	5.500				250.00	10,509	800.60	1,050.60	1,050.60
City of Durham	20.000				250.00	63,038	4,802.37	5,052.37	5,052.37
Town of Hillsborough	3.000				250.00	4,271	325.37	575.37	575.37
Neuse Colony, Aqua, NC	0.300				250.00	10,343	787.95	1,037.95	1,037.95
MCAS Cherry Point**	3.500				250.00	21,213	1,616.05	1,866.05	1,866.05
Carolina Water Service	0.600				250.00	14,192	1,081.18	1,331.18	1,331.18
Craven County	0.860				250.00	2,704	\$ 206.00	456.00	456.00
Total Flow NRCA	219.200	\$ 4,500.00	\$ 130,300.00	\$ 134,800.00	\$ 6,000.00	872,908	\$ 66,500.00	\$ 72,500.00	\$ 207,300.00
Total Flow LNBA	188.557			\$ 134,800.00				\$ 72,500.00	\$ 207,300.00

* indicates LNBA member only

**indicates NRCA member only

Institute of Marine Sciences
3431 Arendell St.
Morehead City, NC 28557



THE UNIVERSITY
of NORTH CAROLINA
at CHAPEL HILL

Hans W. Paerl
Kenan Professor
252-726-6841 x133 (off)
252-726-2426 (fax)
hans_paerl@unc.edu

August 26, 2020

Haywood Phthisic, Executive Director
Neuse River Compliance Association
PO Box 1410
Clayton, N.C. 27528 - 1410

Dear Mr. Phthisic:

We are requesting funding of \$5,000 for supplies and salaries in support of our current contract **“Request for support data management and synthesis components of the Neuse River Estuary Water Quality Modeling and Monitoring Program, ModMon”** (UNC-CH Account No. 5-47701). The funds will be used to provide graphic reports of water quality conditions on the Neuse River Estuary to NRCA/LNBA members provided via the Internet.

Please send a letter indicating your intentions for providing these funds to me here at IMS and Jalisa Melton, who is our current Post Award contact.

Her email is: jalisam@email.unc.edu

In advance, thanks for providing this funding.

With best regards,

Hans Paerl, Principal Investigator, ModMon Project

From: Wilson, Amanda Gail <mandy.wilson@unc.edu>
Sent: Wednesday, February 3, 2021 9:21 AM
To: Haywood Phthisic; hmp3rd@aol.com
Cc: Hunter, Megan; Paerl, Hans W.
Subject: RE: NCE status update
Attachments: ModMon Funding FY 2020-21 8302020.pdf

Good morning Mr. Phthisic,

Thank you for your guidance regarding this. We are uncertain that our budget revision request falls within the parameters of the attached ModMon Funding agreement as it includes transferring funds from supplies to equipment rental (\$19.36). All other requested transfer of money is between salaries and supplies which falls within the ModMon funding agreement. Please let us know if you approve of the budget revisions outlined in the table below. We wanted to provide you with the table in case our budget revision request requires approval from the Board of Directors in preparation for their meeting scheduled for tomorrow.

Budget Revision Request:

“We would like to request a budget revision, moving \$7,378.36 out of supplies into personnel, fringe, and equipment rental. We have managed to save on supplies by using another ModMon fund for supply needs and need to cover the deficit in Salaries and Benefits.”

	Current Budget	Budget Change	New Budget
Personnel	205,329.00	4,439.00	209,768.00
Fringes	58,685.78	2,920.00	61,605.78
Contract Services	0.00	0.00	0.00
Supplies	52,259.00	-7,378.36	44,880.64
Communication	-105.78	0.00	-105.78
Printing & Binding	2,000.00	0.00	2,000.00
Equip Rentals	0.00	19.36	19.36
Misc. Services	58,295.83	0.00	58,295.83
Grad Asst Tuition	0.00	0.00	0.00
Indirect	53,513.17	0.00	53,513.17
Total	429,977.00	0.00	429,977.00

Thank you,
Mandy

From: exec.director@Inba.net <exec.director@Inba.net>
Sent: Tuesday, January 12, 2021 6:08 PM
To: Wilson, Amanda Gail <mandy.wilson@unc.edu>; hmp3rd@aol.com
Cc: Hunter, Megan <hunterml@email.unc.edu>; Paerl, Hans W. <hans_paerl@unc.edu>
Subject: RE: NCE status update

Good afternoon all,

The NRCA Board approved the funding to Modmon as described in the attached document which has been

Lower Neuse Basin Association ®

TO: Board Members

FROM: Haywood Phthisic, Executive Director

SUBJECT: Sampling/Monitoring Report for February 4, 2021 Board Meeting

DATE: February 2, 2021

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.

Total Nitrogen Load at Fort Barnwell, Station J7850000

