

*NEUSE RIVER COMPLIANCE ASSOCIATION*®  
*Post Office Box 1410*  
*Clayton, North Carolina 27528 - 1410*

March 18, 2026

Mr. Richard Rogers, Director  
N. C. DEQ - Division of Water Resources  
1617 Mail Service Center  
Raleigh, North Carolina 27699-1617

Re: NPDES Permit No. NCC000001  
Annual Report for 2025

Dear Mr. Rodgers:

The Neuse River Compliance Association is pleased to submit its 2025 annual report as required by the above referenced permit. As included in the attached report, the co-permittee members delivered a total of 626,473 pounds of total nitrogen to the Neuse Estuary during calendar year 2025, approximately 50% of the permit limit of 1,248,609 pounds.

We are very proud of the continued accomplishments of the Association and the efforts made by our members to control nitrogen loading to the Neuse River Estuary.

We hope that the enclosed report provides the detailed information that the Division has requested. If you have any questions, or if you need any further information, please contact our Executive Director, Haywood M. Phthisic, III, at 919.796.8049.

Sincerely,



Charles Smithwick, Chair

cc: LNBA/NRCA Board Members  
Haywood M. Phthisic, III

Enclosures: Annual Report

NEUSE RIVER COMPLIANCE ASSOCIATION (NRCA)

2025 ANNUAL REPORT

NPDES PERMIT NCC000001

**(i). Co-Permittee Members of the NRCA for Calendar Year 2025**

Town of Apex -	NPDES Permit # NC0064050
Town of Kenly -	NPDES Permit # NC0064891
Town of Benson -	NPDES Permit # NC0020389
City of Kinston -	NPDES Permit # NC0024236
Town of Cary	
North Plant -	NPDES Permit # NC0048879
South Plant -	NPDES Permit # NC0065102
City of Raleigh	
Neuse WWTP -	NPDES Permit # NC0029033
Smith Creek WWTP -	NPDES Permit # NC0030759
Little Creek WWTP -	NPDES Permit # NC0079316
Johnston County -	NPDES Permit # NC0030716
City of Goldsboro -	NPDES Permit # NC0023949
Town of Clayton -	NPDES Permit # NC0025453
City of New Bern -	NPDES Permit # NC0025348
Contentnea MSD -	NPDES Permit # NC0032077
City of Wilson -	NPDES Permit # NC0023906
Town of Farmville -	NPDES Permit # NC0029572
Town of LaGrange -	NPDES Permit # NC0021644
MCAS Cherry Point -	NPDES Permit # NC0003816
CovationBio, Inc. -	NPDES Permit # NC0003760
Aqua N.C., Neuse Colony -	NPDES Permit # NC0064564
Duke Energy Progress -	NPDES Permit # NC0003417
South Granville W&S Authority -	NPDES Permit # NC0026824
City of Havelock -	NPDES Permit # NC0021253
CWS Systems, Inc. -	NPDES Permit # NC0033111
Craven County -	NPDES Permit # NC0089460
Town of Hillsborough	NPDES Permit # NC0026433
City of Durham	NPDES Permit # NC0023841
Town of Snow Hill	NPDES Permit # NC0020842

**(ii). Summary of revisions in the NRCA 's membership for 2025:**

No revisions in the membership for 2025.

**(iii). Summary of all purchases, sales, trades, leases, and other transactions affecting the TN allocations of the Association or its Co-Permittee members in 2025:**

There was one annual total nitrogen allocation lease between NRCA members in 2025.

Short Term Lease Agreements -

\* **Craven County** leased 4,000 lbs. of estuary nitrogen for their facility, NPDES # NC0089460, for 2025. Craven County leased from Contentnea MSD, NPDES Permit # NC0032077, of Grifton, N. C. Craven County owns a water plant that the source ground water contains nitrogen. Craven County has no permanent nitrogen allocation.

Permanent Transfer Agreements in 2025 -

\* **Contentnea MSD**, NPDES Permit # NC0032077 acquired 4,000 estuary pounds of nitrogen from CovationBio. Inc., NPDES Permit # NC0003760 in 2025. This transaction is in the permit transfer process.

\* **The Town of Clayton**, NPDES Permit # NC0025453, acquired 3,845 estuary pounds of nitrogen from CovationBio, Inc., NPDES Permit # NC0003760, in 2025. This transaction is in the permit transfer process.

**(iv). Assessments by NRCA –**

The NRCA did not assess any members for 2025.

**A complete list of all sales and leased nitrogen in the NRCA from 2003 through 2025 is included with this report.**

**Progress Achieved:**

The Association is extremely proud of the commitment, experience, and knowledge of its members in reducing nitrogen delivery to the Neuse River Estuary since the implementation of the Neuse Nutrient Management Strategy in 1998 as demonstrated below.

Year	Total Average Flow (MGD)	Total Nitrogen (lbs.) Delivered to the Neuse Estuary
1995	83.808	1,784,130
1996	85.675	1,741,492
1997	81.444	1,653,262
1998	93.442	1,387,717
1999	94.659	1,123,169
2000	92.582	1,056,202
2001	86.818	907,381
2002	89.926	797,991
2003	107.463	711,398
2004	101.203	558,553
2005	101.757	566,627
2006	102.970	542,205
2007	92.994	461,325
2008	90.563	489,798
2009	98.570	497,002
2010	101.852	584,192
2011	93.384	513,269
2012	97.248	540,892
2013	102.847	514,847
2014	108.359	568,387
2015	108.721	610,915
2016	108.734	593,145
2017	101.510	491,822
2018	113.122	556,567
2019	105.573	481,011
2020	126.823	516,645
2021	123.839	564,843
2022	107.551	456,385
2023	116.292	509,441
2024	123.280	579,966
2025	117.667	626,473

# NRCA Nitrogen Transactions (Sales/Leases)

Date: 3/18/2026

Year	Type of Nitrogen Transaction	Seller/Leasor	Buyer/Leasee	Estuary Lbs. of Nitrogen *	Cost per Pound
2025	Lease	Contentnea MSD	Craven County	4,000	\$ 6.00
	Sale	CovationBio, Inc.	Contentnea MSD	4,000	500.00
	Sale	CovationBio, Inc.	Town of Clayton	3,845	500.00
2024	Lease	Contentnea MSD	CWS Systems, Inc.	500	\$ 6.00
	Lease	Contentnea MSD	Craven County	4,500	6.00
	Lease	Contentnea MSD	City of Havelock	6,000	6.00
	Sale	International Paper	City of Raleigh	15,000	500.00
2023	Lease	Contentnea MSD	CWS Systems, Inc.	6,500	\$ 6.00
	Lease	Contentnea MSD	Craven County	4,250	6.00
2022	Lease	Contentnea MSD	CWS Systems	3,500	\$ 5.00
	Lease	Covation Biomaterials, LLC	Aqua, N. C. (Neuse Colony)	1,100	7.00
	Lease	Contentnea MSD	Craven County	4,000	6.00
2021	Lease	Dow Biosciences	Craven County	5,000	\$ 6.00
	Lease	Contentnea MSD	CWS Systems	9,500	5.00
	Lease	Dow Biosciences	Aqua, N. C. (Neuse Colony)	700	6.00
	Lease	Town of Benson	Town of Kenly	500	3.00
	Sale	International Paper	City of Raleigh	13,000	500.00
	Sale	Phillips Plating	Johnston County	1,000	500.00
2020	Lease	Dow Industrial Bioscience, LLC	Aqua, N.C.	700	\$ 5.00
	Lease	Dow Industrial Bioscience, LLC	Craven County	3,000	5.00
	Lease	Contentnea MSD	Carolina Water Service, Inc.	7,100	5.00
	Lease	Town of Benson	Town of Kenly	2,600	4.00
	Sale	International Paper, Inc.	Town of Clayton	13,000	500.00
	Sale	RS-Flat Swamp, LLC	Town of Clayton	15,908	500.00
2019	Lease	Dow Industrial Bioscience, LLC	Aqua, N.C.	3,100	\$ 5.00
	Lease	Dow Industrial Bioscience, LLC	Craven County	4,875	5.00
	Lease	Contentnea MSD	Carolina Water Service, Inc.	4,000	5.00
	Sale	Phillips Metal Works	Johnston County	1,000	500.00

Year	Type of Nitrogen Transaction	Seller/Leasor	Buyer/Leasee	Estuary Lbs. of Nitrogen *	Cost per Pound
2018	Lease	Contentnea MSD	CWS, Inc.	2,500	\$ 5.00
	Lease	Contentnea MSD	Town of LaGrange	4,000	4.00
	Lease	Dow-Dupont	Town of Kenly	1,000	5.00
	Lease	Dow-Dupont	Aqua, N.C.	600	5.00
	Lease	City of Goldsboro	City of Havelock	6,000	5.00
	Lease	Dow-Dupont	Craven County	4,280	4.00
	Lease	Dow-Dupont	Craven County	307	4.00
2016	Lease	Contentnea MSD	Town of LaGrange	1,000	\$ 4.00
	Lease	NRCA	Craven County	50	9.00
2015	Lease	Contentnea MSD	Aqua, N.C., Inc.	750	\$ 4.00
	Lease	Contentnea MSD	Town of LaGrange	1,300	4.00
	Lease	NRCA	Craven County	50	9.00
2014	Lease	Contentnea MSD	Aqua, N.C., Inc.	4,000	\$ 4.00
	Lease	Contentnea MSD	Town of LaGrange	1,300	4.00
	Lease	NRCA	Craven County	50	9.00
2013	Lease	NRCA	CWS Systems, Inc.	1,000	\$ 9.00
2012	Lease	NRCA	CWS Systems, Inc.	1,000	\$ 9.00
	Sale	SGWASA	City of Raleigh, N.C.	2,445	330.00
2010	Lease	NRCA	Progress Energy	9,000	\$ 9.00
	Lease	Dupont - Kinston	Aqua, N.C., Inc.	1,200	4.00
	Lease	Johnston County, N.C.	Town of Kenly, N.C.	1,577	8.18
	Lease	Dupont - Kinston	Contentnea MSD	15,000	4.00
	Lease	UNIFI, LLC, Kinston, N.C.	Contentnea MSD	3,500	4.00
2009	Lease	NRCA	Progress Energy	9,000	\$ 9.00
	Lease	Dupont - Kinston	Aqua, N.C., Inc.	2,500	4.00
	Lease	Johnston County	Town of Kenly, N.C.	1,745	8.18
2008	Lease	Johnston County, N.C.	Town of Kenly, N.C.	2,100	\$ 8.18
	Lease	UNIFI, LLC, Kinston, N.C.	Aqua, N.C., Inc.	3,500	4.00
	Sale	Town of Benson, N.C.	Johnston County, N.C.	360	490.80
2007	Lease	Johnston County, N.C.	Town of Kenly, N.C.	1,800	\$ 8.18
	Lease	NRCA	MCAS Cherry Point	5,000	3.00
	Sale	UNIFI, LLC, Kinston, N.C.	Johnston County, N.C.	1,645	490.80
	Sale	UNIFI, LLC, Kinston, N.C.	Town of Clayton, N.C.	1,645	490.73

Year	Type of Nitrogen Transaction	Seller/Leasor	Buyer/Leasee	Estuary Lbs. of Nitrogen *	Cost per Pound
2006	Lease	UNIFI, LLC, Kinston, N.C.	Contentnea MSD	5,000	\$ 2.00
	Lease	Johnston County, N.C.	Town of Kenly, N.C.	3,000	3.00
	Lease	NRCA	MCAS Cherry Point	10,000	2.00
	Sale	SGWASA	Town of Clayton, N.C.	3,668	490.73
2005	Lease	UNIFI, LLC, Kinston, N.C.	Contentnea MSD	1,800	\$ 2.00
	Lease	Johnston County, N.C.	Town of Kenly, N.C.	1,800	3.00
	Lease	NRCA	MCAS Cherry Point	20,000	1.50
2004	Sale	Bay River MSD	Town of Butner, N.C.	6,113	\$ 275.00

**Notes:**

- 1 Town of Butner, N.C. transferred their WWT facilities (and nitrogen allocation) to SGWSA in 2006.
- 2 NRCA - Neuse River Compliance Association
- 3 MCAS Cherry Point - Marine Corp Air Station, Cherry Point, Havelock, N.C. (multiple year lease).
- 4 Bay River MSD - Bay River Metropolitan Sewer District, Bayboro, N.C.
- 5 Contentnea MSD - Metropolitan Sewer District, Grifton, N.C.
- 6 SGWASA - South Granville Water & Sewer Authority, Butner, N.C.
- 7 Nitrogen lease - Temporary annual transfer for individual permit compliance.
- 8 Nitrogen sale - Permanent transfer of nitrogen allocation between two parties.
- 9 \* Transport factor for "end of pipe" nitrogen value must be calculated for each individual permit holder.

**NEUSE RIVER COMPLIANCE ASSOCIATION**  
**Total Nitrogen Monitoring Report for 2025**

Date: March 18, 2026

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FACILITY	NPDES Permit #	END OF PIPE				ESTUARY					
		Permit Flow (MGD)	2025 Avg. Flow (MGD)	Member TN Allocation (Lbs/Yr.)	Member TN Discharge (Lbs/Yr.)	Transport Factor	2025 Lease (Estuary Lbs.)	Member Estuary Allocation	Adjusted TN Allocation 2025 (Lbs/Yr.)	2025 TN Delivery (Lbs/Yr.)	% of Estuary Allocation
SGWASA	NC0026824	5.500	1.532	22,420	12,423	10%	0	2,242	0	1,242	55
Town of Hillsborough	NC0026433	3.000	1.080	10,422	6,029	10%	0	1,042	0	603	58
City of Durham	NC0023841	20.000	9.786	97,665	73,931	10%	0	9,767	0	7,393	76
Town of Apex	NC0064050	3.600	1.103	40,547	15,030	50%	0	20,274	0	7,515	37
Town of Benson	NC0020389	1.900	1.026	33,070	11,819	50%	0	16,535	0	5,909	36
Town of Cary ~ North	NC0048879	12.000	6.327	143,246	60,691	50%	0	71,623	0	30,346	42
Town of Cary ~ South	NC0065102	12.800	5.716	180,211	50,869	50%	0	90,105	0	25,435	28
City of Raleigh ~ Smith Creek	NC0030759	3.000	2.517	70,814	38,952	50%	0	35,407	0	19,476	55
City of Raleigh ~ Neuse	NC0029033	75.000	49.277	713,373	428,846	50%	0	356,687	0	214,423	68
Raleigh ~ Ground Water	NA	NA	NA	NA	55,740	50%	0	NA	0	27,870	43
City of Raleigh ~ Little Creek	NC0079316	2.200	1.166	26,660	11,537	50%	0	13,330	0	5,769	43
Town of Clayton	NC0025453	2.500	1.402	26,636	14,017	50%	0	13,318	0	7,008	53
Neuse Colony, (Aqua NC)	NC0064564	0.350	0.194	8,447	6,154	50%	0	4,224	0	3,077	73
Johnston County - Pipe 001	NC0030716	9.500	2.364	107,213	13,318	50%	0	53,606	0	6,659	28
Johnston County - Pipe 002	NC0030716	4.000	3.246	16,281	16,281	50%	0	0	0	8,140	56
Town of Kenly	NC0064891	0.630	0.335	7,096	3,993	50%	0	3,548	0	1,997	11
Town of Farmville	NC0029572	3.500	1.029	42,211	4,637	50%	0	21,106	0	2,319	54
Town of Snow Hill	NC0020842	0.500	0.243	5,632	3,041	50%	0	2,816	0	1,521	30
City of Wilson	NC0023906	14.000	7.649	157,886	47,070	50%	0	78,943	0	23,535	7
Duke Energy ~ Lee Facility	NC0003417	10.160	0.114	3,260	244	70%	0	2,282	0	171	49
City of Goldsboro	NC0023949	14.200	6.946	199,822	97,669	70%	0	139,876	0	68,368	57
Town of LaGrange	NC0021644	0.750	0.291	8,447	4,831	70%	0	5,913	0	3,382	56
City of Kinston (Regional)	NC0024236	11.850	4.505	126,711	71,019	70%	0	88,697	0	49,713	41
Contentnea MSD	NC0032077	3.500	1.857	37,100	12,805	70%	-4,000	25,970	21,970	8,963	5
CovationBio, Inc.	NC0003760	3.600	0.204	25,493	1,159	70%	0	17,845	0	811	76
City of New Bern	NC0025348	6.500	4.020	64,210	49,096	100%	0	64,210	0	49,096	48
MCAS Cherry Point	NC0003816	3.500	1.429	39,421	18,970	100%	0	39,421	0	18,970	63
City of Havelock	NC0021253	2.250	1.162	21,400	13,560	100%	0	21,400	0	13,560	78
Craven County	NC0084460	0.000	0.839	0	3,118	100%	4,000	4,000	4,000	3,118	90
Carolina Water Service, Inc.	NC0033111	0.600	0.309	11,263	10,083	100%	0	11,263	0	10,083	626,473
		230.890	117.667								

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.



Charles Smithwick, Chair

3/18/2026

Date

NOTES: See page 5.

# NEUSE RIVER COMPLIANCE ASSOCIATION

## Total Nitrogen Monitoring Report for 2025

Date: March 18, 2026

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FACILITY	January			February			March			April		
	Flow (MG)	TN Conc. (mg/L)	TN Disch. (Lbs.)	Flow (MG)	TN Conc. (mg/L)	TN Disch. (Lbs.)	Flow (MG)	TN Conc. (mg/L)	TN Disch. (Lbs.)	Flow (MG)	TN Conc. (mg/L)	TN Disch. (Lbs.)
	SGWASA	45.344	2.3285	881	55.943	2.9950	1,397	51.023	2.6025	1,107	45.077	2.3180
Town of Hillsborough	32.286	1.7080	460	41.180	2.3750	816	34.770	1.9250	558	30.795	1.7875	459
City of Durham	291.770	3.4138	8,307	361.290	2.7825	8,384	342.480	2.8540	8,152	308.680	1.8640	4,799
Town of Apex	32.595	5.0825	1,382	34.660	4.1925	1,212	38.091	3.9925	1,268	35.012	4.8040	1,403
Town of Benson	27.674	6.4580	1,491	31.796	2.6075	691	34.304	4.3225	1,237	31.734	1.8380	486
Town of Cary ~ North	189.210	4.0545	6,398	187.470	4.4116	6,898	202.210	3.5370	5,965	192.700	3.1340	5,037
Town of Cary ~ South	162.470	2.9344	3,976	169.860	3.3887	4,801	185.430	3.6037	5,573	170.560	2.8777	4,093
City of Raleigh ~ Smith Creek	81.001	6.5750	4,442	76.445	8.3650	5,333	70.468	8.0180	4,712	77.185	5.4800	3,528
City of Raleigh ~ Neuse	1,493.057	4.3950	54,727	1,456.178	3.0000	36,434	1,633.065	3.1420	42,793	1,457.838	2.5425	30,913
Raleigh ~ Ground Water			4,645			4,645			4,645			4,645
City of Raleigh ~ Little Creek	29.804	3.4000	845	63.270	3.7900	2,000	41.475	5.8400	2,020	34.247	4.2875	1,225
Town of Clayton	41.896	6.1325	2,143	43.433	4.7525	1,722	54.960	3.7125	1,702	41.218	3.0860	1,061
Neuse Colony (Aqua NC)	6.443	8.2600	444	6.577	9.7675	536	8.125	10.4200	706	7.753	13.0250	842
Johnston County - Pipe 001	73.101	2.1350	1,302	95.414	1.7450	1,389	118.841	1.6260	1,612	74.987	1.6166	1,011
Johnston County - Pipe 002	94.048	1.2475	978	92.135	1.4900	1,145	95.669	1.4260	1,138	90.725	1.3500	1,021
Town of Kenly	10.112	4.8625	410	13.509	5.6875	641	14.313	4.9160	587	11.996	3.8900	389
Town of Farmville	29.996	1.5880	397	39.694	1.7860	591	44.244	1.3575	501	33.192	1.2860	356
Town of Snowhill	6.470	5.5475	299	6.303	2.0050	105	6.987	2.6425	154	6.510	3.0680	167
City of Wilson	225.430	1.6850	3,168	288.070	1.6100	3,868	311.310	2.2120	5,743	260.870	2.0225	4,400
Duke Energy ~ Lee Facility	0.363	0.4000	1	5.200	0.5200	23	5.980	0.5000	25	1.330	0.5000	6
City of Goldsboro ~ Pipe 01	209.340	5.7440	10,028	217.890	7.0400	12,793	252.130	4.4875	9,436	256.630	2.2750	4,869
City of Goldsboro ~ Pipe 02	0.000	0.0000	0	0.000	0.0000	0	0.000	0.0000	0	0.000	0.0000	0
Town of LaGrange	9.125	7.6200	580	8.908	6.0225	447	9.634	5.8300	468	8.597	5.9900	429
City of Kinston (Regional)	135.310	3.2875	3,710	139.610	2.6025	3,030	140.630	2.8600	3,354	119.650	3.9825	3,974
Contentnea MSD	54.685	2.9775	1,358	65.191	2.4175	1,314	62.535	3.0925	1,613	53.054	2.3720	1,050
CovationBio, Inc.	11.470	0.7733	74	3.805	1.0575	34	4.263	0.5400	19	4.227	12.8980	455
City of New Bern	112.550	6.8300	6,411	107.180	5.5600	2,485	124.190	4.8100	4,982	114.420	5.0800	4,848
MCAS Cherry Point	43.740	4.9250	1,797	38.800	5.7750	1,869	43.880	6.4400	2,357	41.790	3.5750	1,246
City of Havelock	30.064	3.3640	843	30.313	3.0750	777	39.529	2.6400	870	31.996	5.6850	1,517
Craven County	27.280	1.5250	347	24.584	1.6500	338	25.389	1.3500	286	24.090	1.2000	241
Carolina Water Service, Inc.	10.440	10.4500	910	9.400	6.6750	523	13.460	8.3400	936	10.100	13.9100	1,172
<b>Totals</b>	<b>3,517.074</b>		<b>122,753</b>	<b>3,714.108</b>		<b>106,240</b>	<b>4,009.385</b>		<b>114,520</b>	<b>3,576.963</b>		<b>86,512</b>

# NEUSE RIVER COMPLIANCE ASSOCIATION

## Total Nitrogen Monitoring Report for 2025

Date: March 18, 2026

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FACILITY	May			June			July			August		
	Flow (MG)	TN Conc. (mg/L)	TN Disch. (Lbs.)	Flow (MG)	TN Conc. (mg/L)	TN Disch. (Lbs.)	Flow (MG)	TN Conc. (mg/L)	TN Disch. (Lbs.)	Flow (MG)	TN Conc. (mg/L)	TN Disch. (Lbs.)
	SGWASA	50.016	3.2080	1,338	43.171	3.0975	1,115	50.023	2.8760	1,200	58.274	2.7340
Town of Hillsborough	39.594	2.2900	756	30.396	2.1325	541	38.324	2.0000	639	38.871	2.2375	725
City of Durham	316.090	1.8300	4,824	281.400	1.8620	4,370	308.860	2.7500	7,084	345.720	1.8625	5,370
Town of Apex	33.883	4.4675	1,262	32.025	4.2600	1,138	34.499	4.4640	1,284	38.783	5.1025	1,650
Town of Benson	30.226	1.4500	366	26.267	1.5650	343	35.604	2.6040	773	41.486	2.1625	748
Town of Cary ~ North	198.120	3.6175	5,977	185.820	2.6075	4,041	198.410	2.7667	4,578	223.610	2.5708	4,794
Town of Cary ~ South	179.870	2.7766	4,165	174.250	3.4050	4,948	178.270	2.7340	4,065	197.380	2.2075	3,634
City of Raleigh ~ Smith Creek	78.549	5.0750	3,325	74.502	4.4160	2,744	80.117	3.8650	2,582	82.615	3.3800	2,329
City of Raleigh ~ Neuse	1,531.659	2.8800	36,789	1,450.230	2.6660	32,245	1,599.922	2.4675	32,925	1,705.584	2.2400	31,863
Raleigh ~ Ground Water			4,645			4,645			4,645			4,645
City of Raleigh ~ Little Creek	35.272	2.0475	602	32.248	2.1140	569	31.592	2.0400	537	39.594	2.2500	743
Town of Clayton	42.822	1.8825	672	38.527	2.1300	684	40.452	2.9660	1,001	43.776	2.2325	815
Neuse Colony (Aqua NC)	6.739	15.3460	862	7.892	8.6750	571	8.892	9.1800	681	9.114	9.3000	707
Johnston County - Pipe 001	53.669	1.9560	876	57.798	2.4720	1,192	67.711	2.0300	1,146	101.030	1.7900	1,508
Johnston County - Pipe 002	100.037	2.0920	1,745	100.722	1.5320	1,287	113.607	2.1375	2,025	114.293	1.4875	1,418
Town of Kenly	10.001	2.9900	249	9.693	2.2300	180	9.128	2.3920	182	11.497	2.4975	239
Town of Farmville	40.417	1.1875	400	44.108	0.9080	334	33.119	2.7225	752	30.001	2.3125	579
Town of Snowhill	7.308	2.5500	155	6.806	2.3150	131	7.416	4.6000	285	10.919	3.5125	320
City of Wilson	237.070	2.8375	5,610	260.300	1.7920	3,890	214.950	1.9950	3,576	237.730	2.1325	4,228
Duke Energy ~ Lee Facility	0.600	0.8000	4	6.960	1.0400	60	8.560	0.7700	55	10.750	0.6650	60
City of Goldsboro ~ Pipe 01	225.720	2.3400	4,405	206.770	2.7650	4,768	193.390	4.2125	6,794	278.090	4.8200	11,179
City of Goldsboro ~ Pipe 02	0.000	0.0000	0	0.000	0.0000	0	0.000	0.0000	0	0.000	0.0000	0
Town of LaGrange	12.262	4.0920	418	13.106	4.5825	501	9.678	5.1940	419	9.574	5.6725	453
City of Kinston (Regional)	211.530	6.7575	11,921	173.870	14.4820	21,000	161.690	5.3825	7,258	162.980	3.2025	4,353
Contentnea MSD	75.737	2.8425	1,795	68.385	1.2800	730	55.107	1.4660	674	70.108	3.0950	1,810
CovationBio, Inc.	10.881	2.2850	207	7.014	0.8575	50	9.000	0.8200	62	4.588	1.8175	70
City of New Bern	132.820	4.6300	4,321	135.420	3.6900	4,167	123.060	4.3600	4,475	143.870	3.8100	2,286
MCAS Cherry Point	44.430	3.1250	1,158	45.640	3.3400	1,271	45.030	5.0750	1,906	48.410	3.4250	1,383
City of Havelock	36.070	5.0360	1,515	41.034	6.8150	2,332	34.428	3.6120	1,037	44.353	2.8900	1,069
Craven County	25.389	1.0750	228	24.780	1.3250	274	27.528	1.2400	285	25.482	1.6750	356
Carolina Water Service, Inc.	10.440	9.3220	812	10.100	7.2600	612	9.500	14.2000	1,125	9.400	19.8200	1,554
<b>Totals</b>	<b>3,777.221</b>		<b>101,406</b>	<b>3,589.234</b>		<b>100,734</b>	<b>3,727.867</b>		<b>94,051</b>	<b>4,137.882</b>		<b>92,216</b>

# NEUSE RIVER COMPLIANCE ASSOCIATION

## Total Nitrogen Monitoring Report for 2025

Date: March 18, 2026

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FACILITY	September			October			November			December		
	Flow (MG)	TN Conc. (mg/L)	TN Disch. (Lbs.)	Flow (MG)	TN Conc. (mg/L)	TN Disch. (Lbs.)	Flow (MG)	TN Conc. (mg/L)	TN Disch. (Lbs.)	Flow (MG)	TN Conc. (mg/L)	TN Disch. (Lbs.)
SGWASA	40.949	2.2400	765	41.091	2.5167	862	37.164	2.2250	690	41.132	2.5275	867
Town of Hillsborough	26.600	1.6675	370	28.043	1.9240	450	25.695	1.6150	346	27.617	1.9525	450
City of Durham	252.610	1.8800	3,961	264.210	2.7060	5,963	239.660	1.8850	3,768	259.210	2.3080	4,989
Town of Apex	29.448	4.1740	1,025	30.641	4.0500	1,035	30.388	4.5000	1,140	32.508	4.5360	1,230
Town of Benson	28.990	8.3950	2,030	28.081	2.7580	646	31.154	4.9675	1,291	27.231	7.5640	1,718
Town of Cary ~ North	177.160	2.4861	3,673	186.290	2.6790	4,162	178.370	2.9233	4,349	189.860	3.0436	4,819
Town of Cary ~ South	158.720	2.9350	3,885	161.970	2.7156	3,668	166.060	2.8512	3,949	181.480	2.7167	4,112
City of Raleigh ~ Smith Creek	71.274	3.4040	2,023	74.503	3.3525	2,083	74.040	4.0825	2,521	78.070	5.1140	3,330
City of Raleigh ~ Neuse	1,411.848	2.6660	31,392	1,453.453	2.7975	33,911	1,359.214	2.8575	32,392	1,434.193	2.7140	32,463
Raleigh ~ Ground Water			4,645			4,645			4,645			4,645
City of Raleigh ~ Little Creek	27.749	2.7780	643	30.286	2.5700	649	29.062	2.8900	700	31.031	3.8780	1,004
Town of Clayton	36.987	3.0180	931	40.492	3.3950	1,147	40.732	2.4950	848	46.517	3.3320	1,293
Neuse Colony (Aqua NC)	7.047	9.3550	550	2.049	14.9500	255	0.000	0.0000	0	0.000	0.0000	0
Johnston County - Pipe 001	44.917	1.8120	679	46.580	2.0925	813	57.748	1.5125	728	70.992	1.7960	1,063
Johnston County - Pipe 002	110.544	1.4880	1,372	121.152	1.2025	1,215	120.246	1.5650	1,569	122.247	1.3400	1,366
Town of Kenly	7.494	3.3880	212	8.217	5.0800	348	7.701	3.7725	242	8.699	4.3160	313
Town of Farmville	18.026	1.1940	180	19.220	1.1200	180	19.753	1.1150	184	23.909	0.9240	184
Town of Snowhill	7.313	5.9380	362	7.377	5.8375	359	7.287	5.1325	312	7.984	5.8800	392
City of Wilson	172.470	2.0780	2,989	185.180	1.7925	2,768	190.330	2.0775	3,298	208.150	2.0340	3,531
Duke Energy ~ Lee Facility	0.300	1.6000	4	0.000	0.0000	0	1.660	0.5000	7	0.000	0.0000	0
City of Goldsboro ~ Pipe 01	170.830	4.9825	7,099	155.860	5.1600	6,707	143.430	6.7750	8,104	225.300	6.1125	11,485
City of Goldsboro ~ Pipe 02	0.000	0.0000	0	0.000	0.0000	0	0.000	0.0000	0	0.000	0.0000	0
Town of LaGrange	7.023	5.5400	324	6.379	4.9740	265	5.838	4.6825	228	5.968	5.9780	298
City of Kinston (Regional)	103.930	3.8780	3,361	99.020	3.0425	2,513	92.160	4.7975	3,687	103.860	3.2980	2,857
Contentnea MSD	43.270	1.8980	685	41.366	1.4125	487	41.137	1.3300	456	47.267	2.1120	833
CovationBio, Inc.	3.900	1.6200	53	5.509	1.1125	51	4.530	1.0750	41	5.177	1.0340	45
City of New Bern	115.350	4.4200	4,252	127.130	4.8300	5,121	107.950	4.2500	1,913	123.270	3.7300	3,835
MCAS Cherry Point	44.720	3.9400	1,469	42.480	4.6000	1,630	39.680	4.8750	1,613	42.830	3.5600	1,272
City of Havelock	30.066	2.2275	559	35.413	2.8000	827	30.241	3.6325	916	40.804	3.8100	1,297
Craven County	24.780	0.9800	203	24.397	0.9000	183	25.890	0.7500	162	26.474	0.9800	216
Carolina Water Service, Inc.	7.014	15.6400	915	8.050	7.1780	482	7.128	9.2570	550	7.830	7.5420	493
<b>Totals</b>	<b>3,181.329</b>		<b>80,609</b>	<b>3,274.439</b>		<b>83,425</b>	<b>3,114.248</b>		<b>80,650</b>	<b>3,419.610</b>		<b>90,397</b>

**NEUSE RIVER COMPLIANCE ASSOCIATION**  
**Total Nitrogen Monitoring Report for 2025**

Date: March 18, 2026

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FACILITY	Total Q (MG)	EOP Total Nitrogen (Lbs)	EOP Avg Conc. (mg/L)	Avg Q (MGD)
SGWASA	559.207	12,423	2.66	1.532
Town of Hillsborough	394.171	6,029	1.83	1.080
City of Durham	3,571.980	73,931	2.48	9.786
Town of Apex	402.533	15,030	4.48	1.103
Town of Benson	374.547	11,819	3.78	1.026
Town of Cary ~ North	2,309.230	60,691	3.15	6.327
Town of Cary ~ South	2,086.320	50,869	2.92	5.716
City of Raleigh ~ Smith Creek	918.769	38,952	5.08	2.517
City of Raleigh ~ Neuse	17,986.241	428,846	2.86	49.277
Raleigh ~ Ground Water		55,740		
City of Raleigh ~ Little Creek	425.630	11,537	3.25	1.166
Town of Clayton	511.812	14,017	3.28	1.402
Neuse Colony (Aqua NC)	70.631	6,154	10.45	0.194
Johnston County - Pipe 001	862.788	13,318	1.85	2.364
Johnston County - Pipe 002	1,184.700	16,281	1.65	3.246
Town of Kenly	122.360	3,993	3.91	0.335
Town of Farmville	375.679	4,637	1.48	1.029
Town of Snowhill	88.680	3,041	4.11	0.243
City of Wilson	2,791.860	47,070	2.02	7.649
Duke Energy ~ Lee Facility	41.703	244	0.70	0.114
City of Goldsboro ~ Pipe 01	2,535.380	97,669	4.62	6.946
City of Goldsboro ~ Pipe 02	0.000	0	0.00	0.000
Town of LaGrange	106.092	4,831	5.46	0.291
City of Kingston (Regional)	1,644.240	71,019	5.18	4.505
Contentnea MSD	677.842	12,805	2.27	1.857
CovationBio, Inc.	74.364	1,159	1.87	0.204
City of New Bern	1,467.210	49,096	4.01	4.020
MCAS Cherry Point	521.430	18,970	4.36	1.429
City of Havelock	424.311	13,560	3.83	1.162
Craven County	306.063	3,118	1.22	0.839
Carolina Water Service, Inc.	112.862	10,083	10.71	0.309
Operating Totals	42,948.636	1,101,194	3.07	117.667
Association Totals	42,948.636	1,156,934	3.23	117.667

**NOTES:** 1. Average Total Nitrogen Concentration End of Pipe by NRCA Members during 2025: **3.07 mg/L**  
2. Average Total Nitrogen Concentration with ground water contribution in 2025: **3.23 mg/L**  
3. NRCA's Annual Report Prepared By: Haywood M. Phthisic, III, Executive Director  
4. Monthly discharge adjusted as required by the individual permit.