NEUSE RIVER COMPLIANCE ASSOCIATION

End of Pipe Total Nitrogen Concentration Report 2006 - 2020

Date: April 28, 2021

FACILITY	2006 TN Conc. (mg/L)	2007 TN Conc. (mg/L)	2008 TN Conc. (mg/L)	2009 TN Conc. (mg/L)	2010 TN Conc. (mg/L)	2011 TN Conc. (mg/L)	2012 TN Conc. (mg/L)	2013 TN Conc. (mg/L)	2014 TN Conc. (mg/L)	2015 TN Conc. (mg/L)	2016 TN Conc. (mg/L)	2017 TN Conc. (mg/L)	2018 TN Conc. (mg/L)	2019 TN Conc. (mg/L)	2020 TN Conc (mg/L)	Basin Transport Zone
City of Durham	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.31	
Town of Hillsborough	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.33	
SGWASA	6.01	7.01	11.81	7.98	3.69	4.72	4.56	4.53	4.25	9.19	2.29	2.67	2.03	1.79	2.30	10%
Town of Apex	4.53	3.99	3.99	4.51	3.93	4.63	4.29	4.4	5.21	3.99	3.75	3.53	3.45	3.56	3.48	
Town of Benson	4.49	3.55	5.93	5.47	6.59	4.27	4.15	9.12	6.12	3.94	3.31	3.10	3.27	3.03	2.89	
Town of Cary ~ North	3.66	3.51	3.97	4.07	3.00	2.47	2.14	1.92	2.28	2.1	2.26	2.16	2.03	1.97	1.94	
Town of Cary ~ South	2.55	2.05	2.13	2.08	1.98	1.96	1.85	2.16	2.21	2.07	2.10	2.32	2.10	2.00	1.73	
City of Raleigh ~ Smith Creek	2.60	3.36	3.26	5.49	4.94	3.01	2.65	3.41	3.81	3.36	3.63	4.10	5.64	5.32	5.05	
City of Raleigh ~ Neuse	2.50	2.02	2.38	2.15	2.48	2.09	2.04	1.95	2.13	2.71	3.00	2.29	2.12	1.78	1.70	
City of Raleigh ~ Little Creek	4.81	3.52	2.78	2.07	3.10	2.23	1.65	2.64	2.32	1.81	1.79	2.02	4.19	2.06	2.04	50%
Town of Clayton	3.36	4.28	4.30	4.03	4.11	4.46	4.15	3.82	3.88	4.14	4.65	4.27	4.08	3.35	3.77	
Neuse Colony (Aqua NC)	21.31	14.70	31.70	19.07	19.96	15.18	10.78	12.05	20.07	11.5	8.96	9.24	9.90	13.70	9.00	
Johnston County	2.12	2.72	2.65	1.80	1.50	1.83	4.97	3.95	3.04	3.08	3.58	3.03	3.72	2.41	2.02	
Town of Kenly	9.18	5.90	9.75	9.53	9.90	4.85	2.08	2.23	2.87	3.18	2.51	6.05*	7.11	6.23	6.90	
Town of Farmville	2.73	3.32	4.92	3.72	4.00	5.89	4.56	4.63	3.03	1.53	1.22	1.09	0.09	1.38	1.19	
City of Wilson	3.40	4.61	5.39	3.51	3.18	2.76	2.13	1.93	2.29	2.74	2.26	2.17	2.00	1.94	2.28	
Duke Energy Progress, Lee Plant	-	-	-	1.43	0.88	0.62	0.46	-	-	-	0.00	0.42	0.33	0.25	0.31	
City of Goldsboro ~ Pipe 01	3.42	2.90	3.29	3.97	3.63	6.07	5.28	3.24	2.78	3.58	2.34	2.46	2.88	2.68	3.25	
City of Goldsboro ~ Pipe 02	1.85	1.12	1.71	1.69	1.86	3.26	3.96	1.55	1.65	1.81	1.48	1.65	0.00	0.00	0.00	
Town of LaGrange	3.45	3.38	4.76	4.36	4.35	5.25	4.11	4.08	5.15	4.43	4.46	4.25	5.40	4.71	4.93	70%
City of Kinston (Regional)	5.26 / 9.19	4.43 / 3.41	3.23	1.80	2.14	3.09	3.21	3.08	1.84	2.36	2.43	2.11	2.38	2.65	2.24	
Contentnea MSD	4.53	4.97	6.14	6.78	8.27	2.91	1.61	1.96	1.68	1.32	1.59	1.57	1.95	1.83	1.28	
Dupont-Kinston, Inc.	7.72	7.08	5.99	3.13	1.85	1.90	1.87	2.03	4.04	3.19	1.47	1.70	1.55	2.19	1.35	
City of New Bern	3.12	4.03	4.31	5.53	5.25	4.01	5.01	3.03	6.35	5.86	4.68	2.88	2.74	3.98	2.91	
MCAS Cherry Point	3.68	3.30	2.18	2.15	2.62	3.42	3.70	3.49	3.74	3.49	4.16	5.40	4.69	4.67	4.48	100%
City of Havelock	-	-	-	-	-	-	3.90	4.23	3.93	4.15	3.82	3.24	5.31	4.06	3.23	
Craven County	-	-	-	-	-	-	-	-	-	-	-	0.89	2.00	1.92	1.94	
CWS Systems, Inc.	-	-	-	-	-	-	-	8.13	10.29	11.72	9.71	17.28	13.15	14.01	17.84	
Average TN Conc.	3.21	2.98	3.41	3.02	2.98	2.85	2.80	2.62	2.71	3.03	2.86	2.21	2.54	2.33	2.29	

* Data not reported.