

NEUSE RIVER COMPLIANCE ASSOCIATION
End of Pipe Total Nitrogen Concentration Report 2006 - 2019

Date: July 28, 2020

| 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) | Basin Transport Zone |
|----------------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| 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 | 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 | 50% |
| 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 | |
| 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 | |
| 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 | |
| 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 | |
| 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 | |
| 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 | |
| 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 | |
| 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 | |
| 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 | |
| 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 | |
| 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 | |
| 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 | |
| Duke Energy Progress, Lee Plant | - | - | - | 1.43 | 0.88 | 0.62 | 0.46 | - | - | - | 0.00 | 0.42 | 0.33 | 0.25 | 70% |
| 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 | |
| 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 | |
| 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 | |
| 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 | |
| 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 | |
| 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 | |
| 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 | 100% |
| 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 | |
| City of Havelock | - | - | - | - | - | - | 3.90 | 4.23 | 3.93 | 4.15 | 3.82 | 3.24 | 5.31 | 4.06 | |
| Craven County | - | - | - | - | - | - | - | - | - | - | - | 0.89 | 2.00 | 1.92 | |
| CWS Systems, Inc. | - | - | - | - | - | - | - | 8.13 | 10.29 | 11.72 | 9.71 | 17.28 | 13.15 | 14.01 | |
| 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 | |
| * Data not reported for 2 months | | | | | | | | | | | | | | | |