

NRCA 2016 Annual Report Summary w/ Potential TN Reductions

Date: 3/23/2017

FACILITY	Average EOP Conc (mg/l)	Average Flow MGD		Potential TN Reduction (lbs)
Duke Energy Progress - Lee	0.00	0.041		
Town of Farmville	1.22	2.003		
Dupont-Kinston	1.47	0.307		
Contentnea MSD	1.59	2.137		
City of Raleigh - Little Creek	1.79	0.805		
Town of Cary, South	2.10	5.369		
Town of Cary, North	2.26	5.659		
City of Wilson	2.26	9.497		
City of Goldsboro, Pipes 01&02	2.28	9.834		
SGWASA	2.29	2.019		
City of Kinston (Regional)	2.43	6.278		
Town of Kenly	2.51	0.401		
City of Raleigh - Neuse	3.00	46.106		
Town of Benson	3.31	1.063	0.31	990
Johnston County	3.58	4.610	0.58	1,885
City of Raleigh - Smith Creek	3.63	1.872	0.63	3,606
Town of Apex	3.75	1.087	0.75	2,498
City of Havelock	3.82	1.326	0.82	3,323
MCAS Cherry Point	4.16	1.743	1.16	6,150
Town of LaGrange	4.46	0.642	1.46	2,853
Town of Clayton	4.65	1.439	1.65	7,230
City of New Bern	4.68	3.957	1.68	20,268
Neuse Colony (Aqua)	8.96	0.243	5.96	4,419
CWS Systems, Inc.	9.71	0.321	6.71	6,570
Daily Average	3.03	108.734		58,802
			2015	124,185

Annual Report Values	Average EOP Conc. (mg/L)	Average Estuary Lbs.	Avg. Flow MGD	Avg. Estuary w/o Debit
2003	3.81	722,374	108.379	
2004	3.38	558,777	101.203	
2005	3.25	566,627	101.739	
2006	3.12	542,205	102.970	
2007	3.02	461,325	92.994	
2008	3.41	489,798	91.005	
2009	3.02	497,639	98.570	
2010	2.98	584,398 *	101.909	527,275
2011	2.85	519,199 *	93.384	464,014
2012	2.80	540,892*	97.281	487,794
2013	2.62	514,847*	102.413	463,836
2014	2.71	568,387*	108.359	519,612
2015	3.03	610,915*	108.721	564,277
2016	2.87	593,145*	108.734	548,644

* Includes nitrogen debit for City of Raleigh's land application system