

**SCECAP 2004 Water Quality
Dissolved Nutrients -- Tidal Creeks**

Station	Ammonia (NH4 mg/l)	Nitrate- Nitrite (NO ₂ -NO ₃ mg/l)	Inorganic Nitrogen (DIN mg/L)	Organic Nitrogen (DON mg/l)	Total Diss Nitrogen (TDN mg/l)	Organic Phosphate (DOP mg/l)	Ortho- phosphate (OP mg/l)	Total Diss Phos (TDP mg/l)	Silica Silicon (DS mg/l)
RT042061	0.009	0.039	0.049	0.916	0.965	0.000	0.088**	0.047	2.231
RT042062	0.038	0.010	0.048	0.910	0.958	0.000	0.020	0.004	4.163
RT042063	0.021	0.007	0.029	1.241	1.270*	0.002	0.016	0.016	0.820
RT042064	0.016	0.039	0.055	1.176	1.227*	0.000	0.046	0.015	0.472
RT042067	0.010	0.042	0.051	0.692	0.743	0.000	0.106**	0.035	5.698
RT042068	0.036	0.008	0.044	1.178	1.222*	0.000	0.088**	0.016	4.051
RT042069	0.046	0.130	0.175	0.946	1.122*	0.000	0.067**	0.048	2.954
RT042070	0.086	0.020	0.106	1.381	1.487*	0.003	0.034	0.031	3.523
RT042072	0.190	0.023	0.213	1.032	1.245*	0.000	0.044	0.032	1.735
RT042073	0.069	0.011	0.081	1.301	1.381*	0.000	0.082**	0.053	3.803
RT042074	0.048	0.171	0.220	0.893	1.112*	0.000	0.066**	0.039	2.815
RT042075	0.027	0.116	0.144	0.879	1.023*	0.000	0.069**	0.033	3.933
RT042076	0.056	0.014	0.070	0.694	0.764	0.000	0.045	0.036	3.412
RT042077	0.030	0.013	0.044	1.241	1.284*	0.000	0.059**	0.048	5.692
RT042078	0.058	0.014	0.072	1.105	1.177*	0.003	0.042	0.042	4.025
RT042079	0.083	0.128	0.211	0.805	1.017*	0.000	0.220**	0.045	3.274
RT042080	0.092	0.096	0.188	0.701	0.889	0.000	0.057**	0.046	3.546
RT042081	0.024	0.138	0.162	1.202	1.365*	0.000	0.097**	0.068	3.223
RT042082	0.058	0.038	0.096	0.621	0.716	0.000	0.022	0.011	1.494
RT042083	0.029	0.117	0.145	0.792	0.937	0.000	0.078**	0.031	4.145
RT042084	0.053	0.012	0.065	1.036	1.101*	0.006	0.017	0.023	3.005
RT042086	0.044	0.041	0.084	0.999	1.083*	0.000	0.125**	0.054	3.595
RT042087	0.007	0.008	0.015	1.122	1.137*	0.000	0.059**	0.053	3.837
RT042088	0.012	0.003	0.016	1.161	1.177*	0.000	0.059**	0.044	4.729
RT042089	0.003	0.006	0.010	1.276	1.286*	0.000	0.081**	0.065	4.709
RT042191	0.034	0.014	0.048	0.933	0.981	0.000	0.069**	0.060	3.601
RT042193	0.010	0.165	0.175	0.555	0.730	0.000	0.418**	0.032	5.197
RT042194	0.054	0.221	0.276	1.251	1.526*	0.000	1.069**	0.422	8.483
RT042195	0.018	0.011	0.029	2.306	2.334*	0.000	0.041	0.039	1.966
RT042196	0.201	0.011	0.211	2.082	2.293*	0.000	0.076**	0.070	3.408
**RT042266	0.047	0.035	0.082	1.488	1.570*	0.000	0.040	0.028	3.142
Mean	0.049	0.056	0.104	1.081	0.854	0.000	0.033	0.052	3.585

*Shading represents values that are considered to be "high" based on criteria developed by NOAA (Bricker et al. 1999).

**Shading represents values that are considered to be "poor" based on criteria developed by the USEPA (2004).

**Additional station sampled in Charleston Harbor which is not included in the mean