

**SCECAP 2004 Water Quality
Dissolved Nutrients -- Open Water**

Station	Ammonia (NH ₄ 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)
RO046061	0.020	0.200	0.220	0.736	0.956	0.000	0.265**	0.052	4.345
RO046062	0.042	0.196	0.238	1.229	1.467*	0.000	0.260**	0.067	4.725
RO046063	0.135	0.002	0.138	1.136	1.273*	0.000	0.044	0.031	0.955
RO046064	0.054	0.159	0.213	0.857	1.070*	0.000	0.266**	0.045	4.382
RO046065	0.020	0.010	0.031	0.861	0.892	0.000	0.082**	0.043	1.097
RO046066	0.009	0.006	0.015	0.934	0.949	0.000	0.035	0.033	1.289
RO046067	0.041	0.115	0.156	0.638	0.795	0.000	0.077**	0.045	2.098
RO046068	0.025	0.004	0.029	0.863	0.893	0.000	0.040	0.027	1.279
RO046069	0.059	0.137	0.195	0.466	0.662	0.018	0.048	0.056	2.123
RO046070	0.271	0.052	0.323	1.007	1.330*	0.000	0.091**	0.048	2.843
RO046071	0.013	0.046	0.059	1.106	1.165*	0.000	0.074**	0.051	2.275
RO046072	0.058	0.014	0.072	0.801	0.873	0.000	0.036	0.032	2.953
RO046073	0.026	0.163	0.189	0.464	0.653	0.000	0.136**	0.047	3.359
RO046074	0.087	0.074	0.161	0.564	0.725	0.000	0.097**	0.045	4.099
RO046075	0.020	0.109	0.129	0.420	0.549	0.000	0.081**	0.035	0.690
RO046076	0.078	0.009	0.086	0.864	0.950	0.000	0.057**	0.015	2.003
RO046077	0.038	0.134	0.172	0.803	0.974	0.024	0.044	0.049	4.227
RO046078	0.013	0.011	0.024	0.688	0.712	0.000	0.030	0.014	0.800
RO046079	0.082	0.014	0.095	0.628	0.723	0.007	0.054**	0.061	2.983
RO046080	0.087	0.007	0.094	1.939	2.033*	0.000	0.035	0.029	2.617
RO046081	0.030	0.077	0.107	0.691	0.798	0.000	0.081**	0.041	2.215
RO046082	0.039	0.012	0.051	1.030	1.081*	0.001	0.022	0.023	2.812
RO046083	0.026	0.090	0.117	1.002	1.119*	0.000	0.093**	0.044	3.363
RO046084	0.096	0.002	0.098	1.499	1.598*	0.011	0.010	0.021	0.873
RO046085	0.010	0.030	0.040	0.669	0.709	0.000	0.075**	0.032	1.395
RO046086	0.128	0.005	0.132	0.982	1.114*	0.000	0.027	0.019	1.118
RO046087	0.074	0.106	0.180	0.558	0.738	0.000	0.094**	0.039	2.628
RO046088	0.015	0.003	0.018	1.687	1.705*	0.000	0.097**	0.086	4.835
RO046089	0.007	0.007	0.013	0.578	0.592	0.000	0.060**	0.037	1.286
RO046090	0.092	0.209	0.301	0.921	1.222*	0.018	0.022	0.039	1.007
**RO046286	0.142	0.002	0.144	1.206	1.351*	0.000	0.032	0.026	0.493
Mean	0.056	0.067	0.123	0.887	0.786	0.003	0.033	0.040	2.422

*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