Table 8. Volume weighted average concentrations (nM) and volume weighted standard deviations for Cu total, Cu particulate, Cu(I)(aq), Cu(II)(aq), and Cu(II)/Cu(I) ratio in rainwater collected at Wilmington, NC between August 25, 2000 and September 24, 2002. The n was equal for Cu(I) and Cu(II) when calculating the Cu(II)/Cu(I) ratio. The %Cu(I)(aq) and %Cu(II)(aq) is relative to Cu total, n = number of samples and amt = rain amount in mm.

	n_1	Amt	Cu(I)(aq)	n_2	Amt	Cu(II)(aq)	n_3	Amt	Cu total	n_4	Amt	Cu part	% Cu(I)	% Cu(II)	Cu(II)/Cu(I) Ratio
pH $\geq$ 4.95	44	1200	1.1 ± 0.2	39	1021	1.8 ± 0.7	42	1033	4.0 ± 0.9	38	975	1.8 ± 0.6	27	46	1.6
$4.55 \leq$ pH ≤ 4.94	12	268	1.6 ± 0.5	7	171	3.2 ± 2.0	9	232	5.8 ± 2.4	6	164	2.2 ± 1.5	28	55	2.3
pH $\leq$ 4.54	12	276	2.3 ± 0.4	10	205	10.0 ± 3.4	10	163	13.0 ± 3.2	10	163	4.9 ± 2.0	18	77	3.9