

**Table 9.** Chemical constituents with relative percentage differences greater than 10 percent in replicate samples, June–July 1998

[RPD, relative percentage differences; MRL, minimum reporting level; MDL, method detection limit; mg/L, milligrams per liter; µg/L, micrograms per liter]

Chemical constituent (unit of measurement)	Number of replicates/number of RPD's greater than 10 percent	Mean concentration	Difference in concentration	MRL or MDL	RPD
<b>Major ions</b>					
Fluoride (mg/L)	2/2	0.182 / 0.211	0.03 / 0.03	0.1	16 / 14
Bromide (mg/L)	2/1	.03	.01	.1	41
<b>Nutrients</b>					
Nitrite plus nitrate (mg/L)	2/1	.12 <sup>1</sup>	.18 <sup>1</sup>	.01	157 <sup>1</sup>
Ammonia (mg/L)	2/1	.03	.01	.01	48
Ammonia plus organic nitrogen (mg/L)	2/1	.15	.11	.1	70
Phosphorus (mg/L)	2/1	.15	.02	.001	13
Orthophosphorus (mg/L)	2/1	.16	.06	.001	36
<b>Carbon</b>					
Dissolved organic carbon (mg/L)	2/1	1.5	.30	.1	19
<b>Volatile organic compounds</b>					
Carbon disulfide (µg/L)	2/2	.05 <sup>2</sup> / .02 <sup>2</sup>	0.04 <sup>2</sup> / .01 <sup>2</sup>	0.08–1.5	76 <sup>2</sup> / 52 <sup>2</sup>
Chloroform (µg/L)	2/1	.02 <sup>1</sup>	.02 <sup>1</sup>	0.05–0.21	89 <sup>1</sup>
Meta-paraxylene (µg/L)	2/1	.02 <sup>2</sup>	.002 <sup>2</sup>	0.06 – 0.26	12
Toluene (µg/L)	2/1	.04 <sup>2</sup>	.005 <sup>2</sup>	0.04–0.22	12 <sup>2</sup>

<sup>1</sup>One value was less than detection limit, value set as one-half of detection limit.<sup>2</sup>Both values were estimated values less than the MRL.