

Table A1. Reporting limits and methods for the carbon and nutrient species analyzed, Columbia River Estuary, 2004–05

[CAS, Chemical Abstract Service; reporting limit listed in milligrams per liter; methods are described in Fishman (1993), Brenton and Arnett (1993), Patton and Truit (2000), U.S. Environmental Protection Agency (1993, 1997a), and Patton and Kryskalla (2003); NA, not available]

Analyte	Parameter code	CAS number	Reporting limits	Method number
Nutrients and carbon in filtered water				
Ammonia as N	00608	7664-41-7	0.01, 0.04	I-2545-90
Nitrite as N	00613	14797-65-0	0.002	I-2545-90
Nitrite plus nitrate as N	00631	NA	0.016	I-2546-91
Organic carbon as C	00681	NA	0.33	O-1120-92
Organic nitrogen plus ammonia as N	00623	17778-88-0	0.1	I-2515-91
Orthophosphate as P	00671	14265-44-2	0.006	I-2606-89
Phosphorus as P	00666	7723-14-0	0.004	USEPA 365.1
Nutrients in unfiltered water				
Organic nitrogen plus ammonia as N	00625	17778-88-0	0.1	I-4515-91
Nitrogen as N	62855	17778-88-0	0.06	I-4650-03
Phosphorus as P	00665	7723-14-0	0.004	USEPA 365.1
Particulate carbon and nitrogen				
Particulate organic carbon	00689	NA	0.12	USEPA 440.0
Particulate inorganic carbon	00688	NA	0.12	USEPA 440.0
Particulate total carbon	00694	NA	0.12	USEPA 440.0
Particulate total nitrogen	49570	17778-88-0	0.022	USEPA 440.0