

Table 15. Summary of quality-control (QC) samples collected, Columbia River Estuary, 2004–05
 [SH2001, SH2002, and SH2060 represent the NWQL schedule numbers for these groupings]

Analytical Group	Number of environmental samples	Number of QC samples				Percent of QC
		Blanks	Replicates	Field Matrix Spikes	Total number of QC	
National Water Quality Laboratory (NWQL)						
Carbon	39	3	6	0	9	23
Nutrients	39	4	4	1	9	23
Chlorophyll <i>a</i>	36	2	4	0	6	17
Major ions	39	3	7	0	10	26
Trace elements	39	3	6	0	9	23
Pesticides (SH2001)	39	3	8	5	16	41
Pesticides (SH2002)	15	1	2	2	5	33
Pesticides (SH2060)	15	1	2	2	5	33
Wastewater compounds	8	2	1	1	4	50
Pharmaceuticals	8	2	0	2	4	50
Antibiotics	8	2	2	0	4	50
Cascade Volcano Observatory						
Suspended sediment	39	4	3	0	7	18
Georgia Sediment Chemistry Laboratory						
Trace elements on suspended sediment	19	0	3	0	3	16
Aquatic Analysts						
Biomass	39	2	4	0	6	15
Oregon Department of Health						
Bacteria	39	3	4	0	7	18
Organic Geochemist Research Laboratory						
Antibiotics	8	2	2	0	4	50
Severn Trent Laboratory						
Organochlorine compounds (SS)	20	3	3	0	6	30
Polycyclic aromatic hydrocarbons (SS)	8	2	1	0	3	38
Polychlorinated biphenyls (SS)	8	2	1	0	3	38
Polybrominated biphenyl ethers (SS)	8	2	1	0	3	38