

Mason County Site ID	Site Latitude	Site Longitude	Sample Date	Stream Name	Fecal Coliform/100 ml	E. Coli/100 ml	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp (°C)	pH	Notes	Confirmation Samples
ARC-001	47.348039	-123.068222	6/6/2023	Alderbrook Creek		11	0.17	10.99	10.6	7.97		
AY-002	47.505498	-123.057923	6/6/2023	Ayock Pt.		20	0	11.23	10	7.84		
BBC-001	47.348045	-123.073903	6/6/2023	Big Bend Creek	70		1.5	10.74	13.1	7.5	Deer tracks on the bank	
CP-002	47.223112	-123.012877	6/5/2023	Campbell Creek		76	0.69	10.15	13.3	7.74		
CO-001	47.406878	-122.819182	6/5/2023	Coulter Creek		30	0	10.61	11.2	7.49		
CR-001	47.364579	-123.011485	6/5/2023	Cranberry Creek		450		10.66	9.58	16.8		
DE-001	47.259454	-123.008794	6/5/2023	Deer Creek		122	0.65	10.81	12.6	7.52		Conf. samples: 6/12, 68 FC; 6/13, 93 FC. Geomean = 143 FC
DV-001	47.429966	-122.848398	6/6/2023	Devereaux Creek	170		1.33	9.61	13.3	7.21		Conf. samples: 6/7, 59 EC; 6/12, 1553 EC. Geomean = 224 EC
DA-001	47.453039	-123.048179	6/5/2023	Dewatto River		23 25	0	10.56	11.5	7.32		Conf. samples: 6/12, 300 FC; 6/13, 135 FC. Geomean = 190 FC
EA-001	47.485212	-123.078185	6/6/2023	Eagle Creek		13	0	11.04	10.2	7.56		
EL-001	47.146503	-123.081313	6/6/2023	Elson Creek		<1	0	9.62	8.9	7.09		
FN-001	47.406636	-123.140091	6/6/2023	Finch Creek	25		0	11.29	10.5	8.14		
GB-001	47.209471	-123.124724	6/5/2023	Goldsborough Creek	25		0	10.66	14.5	7.51		
HHR-001	47.545343	-123.042454	6/6/2023	Hamma Hamma River		7	0	11.52	8.8	7.6		
HW-001	47.388117	-122.916084	6/6/2023	Happy Hollow Creek	28		0	10.75	10.2	7.68		
JH-001	47.248178	-123.044956	6/5/2023	Johns Creek		73	0	10.23	14.1	7.5		
JS-001	47.525948	-123.050662	6/6/2023	Jorsted Creek		12	0	11.41	10.3	7.83		
LI-003	47.461228	-123.11357	6/6/2023	Lilliwaup Creek	20		0.07	10.68	13.5	7.53		
LM-001	47.429902	-122.884112	6/5/2023	Little Mission Creek	105		0	11.2	10.6	7.69		Conf. samples: 6/12, 75 FC; 6/13, 35 FC. Geomean = 65 FC
LV-001	47.155547	-123.053903	6/6/2023	Lynch Creek	40		0.45	10.12	12.7	7.81		
MC-001	47.248853	-123.011632	6/5/2023	Malaney Creek		13	0.53	9.98	15.2	7.68		
MI-001	47.193348	-122.998132	6/6/2023	Mill Creek		38	0.99	10.07	17.8	7.67	Lots of raccoon tracks in the mud	
MM-001	47.431897	-122.875819	6/5/2023	Mission Creek		33	0	10.99	11.8	7.48	Lots of periwinkles	
MB-001	47.387161	-122.925054	6/6/2023	Mulberg Creek	10 25		5.09	10.72	12	7.68		
SO-001	47.375299	-122.836688	6/5/2023	Sherwood Creek		20 13	0	10.35	15	7.39		
SF-001	47.39022	-122.98687	6/5/2023	Shoofly Creek	5		0	11.05	11	7.85		
SK-001	47.329617	-123.118246	6/6/2023	Skokomish River		12	0	10.61	10.7	7.59		
SM-001	47.417067	-122.908157	6/5/2023	Stimson Creek	<5		0	10.96	11.4	7.73		
TA-001	47.373834	-123.044956	6/5/2023	Tahuya River	10		0	9.75	14.3	6.85		
TE-001	47.40845	-122.878098	6/6/2023	Trails End Creek		687	1.21	10.21	11.5	7.69		Conf. samples: 6/12, 1986 EC; 6/13, 105 EC. Geomean = 523 EC
UJC-001	47.223489	-123.028755	6/5/2023	Uncle Johns Creek		125	5.19	11.26	17.7	7.79		Conf. samples: 6/7, 201 EC; 6/12, 548. Geomean = 240 EC
UN-001	47.451938	-122.83384	6/5/2023	Union River		64	0	10.82	11.5	7.49		
WC-001	47.558269	-123.025858	6/6/2023	Waketickeh Creek		17 16	0	11.13	11.3	7.7	Lots of periwinkles	
Red result = exceeds state single-sample standard					Hotspot/confirmation procedures							
Yellow result = exceeds state geomean standard					Streams with a sample result >100 coliforms/100 ml will have 2 confirmation samples taken as soon as possible. These confirmation samples will be used to calculate a geomean across the 3 samples. If the geomean is in excess of 100 coliform/100 ml, investigative work will be done to track down a potential source of bacterial pollution.							
To meet state standards, fecal coliform must not exceed a geometric mean of 100 FC/100 mL across 3 samples in a sample period, nor exceed 200 FC/100 mL in a single sample.					To meet state standards, E. coli must not exceed a geometric mean of 100 EC/100 mL across 3 samples in a sample period, nor exceed 320 EC/100 mL in a single sample.							
### = "Sample Result Duplicate Sample Result"												
												TE-001: Lots of animal tracks observed 6/14, resident mentioned seeing beavers and otters in recent weeks. Few septic systems in area, wildlife likely source.
												UJC-001: Have begun investigation of septic systems in the area; 2 systems identified as areas of concern.
												DE-001: Investigating septic systems in the area. Resampled 6/21, 75 EC, new geomean = 170 EC.