Appendix A

Station Description and Period of Record for Ecology's River and Stream Ambient Monitoring Program

Station description and monitoring history for EILS freshwater monitoring program.

Station Number	Name	Water Year Sampled 59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	
01A050	Nooksack R @ Brennan													X		X	X				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
01A070	Nooksack R @ Ferndale				X	X	X	X	X	X	X	X	X	X			X			X																				
01A090	Nooksack R nr Lynden													X			X			X																				
01A120	Nooksack R @ No Cedarville	X	X	X	X	X	X	X	X	X		X	X	X			X				X	X	X	X	X	X	X	X	X	X	X	X	X	X		X		X	X	X
01A140	Nooksack R above the MF																																							X
01B050	Silver Cr nr Brennan																																		X	X				
01D070	Sumas R nr Huntingdon BC													X			X			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X					X
01D090	Sumas R @ Sumas													X			X																							
01D120	Sumas R nr Nooksack																																							X
01E050	Whatcom Cr @ Bellingham															X				X																	X			
01E070	Whatcom Cr @ Lake Outlet															X																								
01E090	Whatcom Lake nr Bellingham							X	X	X		X	X																											
01F070	SF Nooksack @ Potter Rd																																							X
01G070	MF Nooksack R																																							X
03A050	Skagit R @ Conway													X			X																							
03A060	Skagit R nr Mount Vernon	X	X	X	X	X	X	X	X	X		X	X				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
03A070	Skagit R nr Sedro Woolley													X			X			X																				
03B045	Samish R. nr Mouth																																					X		
03B050	Samish R nr Burlington	X	X	X	X	X	X	X	X	X		X	X	X			X			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X		X	X	X
03B070	Samish R nr Hoogdal													X																										
03B080	Samish R. nr Prairie																																					X		
03C060	Friday Cr Blw Hatchery																X																			X		X		
03C080	Friday Cr at Alger																X																							
03D050	Nookachamp Ck nr Mouth																																					X		
04A060	Skagit R @ Concrete													X			X			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X				
04A100	Skagit R @ Marblemount	X	X	X	X	X	X	X	X	X		X	X								X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
04A140	Skagit R @ Newhalem																X			X																				
04B070	Baker R @ Concrete				X	X	X	X												X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X				
04B150	Baker Lake @ Boulder Cr																	X	X	X	X	X	X																	
04C070	Sauk R nr Rockport																			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X				
04C110	Sauk R @ Darrington	X	X	X																																				
04E050	Finney Cr near Birdsview																																					X		
05A050	Stillaguamish R @ Stanwood													X																										
05A055	Hat Slough nr Stanwood																			X																				
05A070	Stillaguamish R nr Silvana	X	X	X	X	X	X	X	X	X	X	X	X	X			X			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
05A090	SF Stillaguamish @ Arlington													X			X				X	X	X	X	X	X	X	X	X	X	X	X	X	X		X		X	X	X
05A110	SF Stilly nr Granite Falls	X	X	X	X	X	X	X	X								X																			X		X	X	X
05B070	NF Stillaguamish @ Cicero				X	X	X	X	X	X	X	X	X	X			X				X	X	X	X	X	X	X	X	X	X	X	X	X	X		X		X	X	X
05B090	NF Stillaguamish R @ Oso																X																							

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Station		Water Year Sampled																																						
Number	Name	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	
05B110	NF Stilly nr Darrington																X																			X		X	X	X
07A090	Snohomish R @ Snohomish	X	X	X	X	X	X	X	X	X		X	X	X			X			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
07A109	Snohomish R nr Monroe NE													X																										
07A110	Snohomish R nr Monroe SW													X																										
07A111	Snohomish R nr Monroe (USGS)																	X	X			X	X	X	X	X	X	X	X	X	X	X								
07B055	Pilchuck R @ Snohomish													X			X				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				X	
07B090	Pilchuck R nr Lake Stevens																			X																				
07C070	Skykomish R @ Monroe													X			X			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X
07C090	Skykomish R @ Sultan													X			X																							
07C120	Skykomish R nr Gold Bar	X	X	X	X	X	X	X	X	X	X	X	X								X	X	X	X	X	X	X	X	X	X	X	X	X	X	X					
07C170	Skykomish R nr Miller R																			X																				
07D050	Snoqualmie R nr Monroe																			X															X	X		X	X	X
07D070	Snoqualmie R nr Carnation													X		X	X			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				X	
07D130	Snoqualmie R @ Snoqualmie	X	X	X	X	X	X	X	X	X	X	X	X							X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X	X
07D150	M F Snoqualmie R nr Ellisville																																	X						
07E055	Sultan R @ Sultan		X	X	X	X	X	X	X	X		X	X	X			X																		X					
07F055	Woods Cr @ Monroe													X			X																		X				X	
07G070	Tolt R nr Carnation		X	X	X	X	X	X	X	X	X	X	X																						X					
07M070	S F Snoqualmie R at North Bend																																	X						
07N070	N F Snoqualmie R nr Ellisville																																	X						
07P070	Patterson Ck nr Fall City																																		X				X	
07Q070	Raging R @ Fall City																																		X					
07R050	French Cr nr Mouth																																						X	
08A070	McAleer Cr nr Mouth														X																									
08A090	Upper McAleer Cr														X																									
08B070	Sammamish R @ Bothell	X	X	X	X	X	X	X	X	X	X	X	X	X			X		X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
08B110	Sammamish R @ Redmond																		X																		X			
08B130	Issaquah Cr nr Issaquah							X	X	X		X	X	X			X		X																		X			
08C070	Cedar R @ Logan St/Renton	X	X	X	X	X	X	X	X					X		X			X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
08C080	Cedar R @ Maplewood																																				X			
08C090	Cedar R @ Maple Valley															X																					X			
08C110	Cedar R nr Landsburg	X	X	X	X											X					X	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X	X	X
08D070	Mercer Slough nr Bellevue														X																									
08E090	Kelsey Cr @ Monitor Site														X																									
08E110	Upper Kelsey Cr														X																									
08F070	May Cr nr Mouth														X																									
08G070	Valley Cr nr Mouth														X																									
08H070	Thornton Cr nr Mouth														X																									
08H100	North Branch Thornton Cr														X																									

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Station		Water Year Sampled																																					
Number	Name	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	
08J070	West Branch Thornton Cr														X																									
08K090	Ship Canal @ Freemont																																				X			
09A060	Duwamish R @ Allentown Br																						X	X	X	X	X	X	X	X	X	X	X	X						
09A070	Duwamish R @ Foster	X	X	X	X	X	X	X	X	X																														
09A080	Green R @ Tukwila																																	X	X	X	X	X	X	X
09A090	Green R @ 212th St nr Kent													X				X	X				X	X	X	X	X	X	X	X	X	X	X	X			X			
09A110	Green R @ Auburn					X	X	X	X	X		X	X	X																										
09A130	Green Abv Big Soos/Auburn	X	X	X	X	X	X	X	X	X	X	X	X																								X			
09A150	Green R nr Auburn														X																									
09A170	Green R nr Black Diamond																		X																					
09A190	Green R @ Kanaskat	X	X	X															X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
09B070	Big Soos Cr blw Hatchery														X				X																					
09B090	Big Soos Cr nr Auburn					X	X	X	X					X	X																						X			
09C070	Des Moines Cr nr Mouth														X																						X			
09C090	Des Moines Cr @ So 200th														X																									
09D070	Miller Cr nr Mouth														X																									
09D090	Miller Cr @ Ambaum Blvd SW														X																									
09E070	Mill Creek @ Orillia																											X	X	X	X	X	X				X			
09E090	Mill Creek - Kent on W Valley Hwy																											X	X	X	X	X	X							
09H090	Black R @ Renton																																				X			
10A050	Puyallup R @ Puyallup (USGS)	X	X	X	X	X	X	X	X	X		X	X	X	X			X	X	X	X	X	X	X	X	X	X	X												
10A070	Puyallup R @ Meridian St													X				X			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
10A090	Puyallup R @ McMillin													X					X																					
10A110	Puyallup R @ Orting	X	X	X	X		X	X	X	X	X	X	X	X	X				X		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X			X	
10B070	Carbon R nr Orting						X	X						X	X																					X				
10B090	Carbon R @ Fairfax																		X																					
10C070	White R @ Sumner													X	X						X	X	X	X	X	X	X	X	X	X	X	X	X	X		X			X	
10C085	White R nr Sumner											X	X					X																					X	
10C090	White R @ Auburn				X	X	X	X	X					X		X																								
10C110	White R blw Buckley															X																								
10C130	White R @ Buckley																																			X				
10C140	White R nr Buckley															X																								
10C150	White R nr Greenwater															X																								
10D070	Boise Cr @ Buckley					X	X	X								X																								
10D090	Boise Cr nr Enumclaw					X	X	X																																
10E070	Salmon Cr @ Sumner													X																										
10F070	So Prairie Cr nr Crocker																		X																					
10F090	South Prairie Ck nr S. Prairie																																			X				
11A070	Nisqually R @ Nisqually															X			X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

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Station Number	Name	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	
11A080	Nisqually R @ McKenna	X	X	X	X	X	X	X	X	X	X	X	X																				X	X		X				
11A090	Nisqually R abv Powell Cr															X					X	X	X	X	X	X	X	X	X	X	X	X	X							
11A110	Nisqually R @ LaGrande															X																								
11A140	Nisqually R @ Elbe															X			X		X	X	X																	
12A070	Chambers Cr nr Steilacoom					X	X	X	X	X					X	X			X								X	X	X	X	X	X	X	X		X			X	
12A100	Chambers Cr blw Steilacoom Lk																		X																					
12A110	Clover Cr abv Steilacoom Lk					X	X	X											X																				X	
12A130	Clover Cr nr Parkland					X	X																																	
12B070	Leach Cr nr Steilacoom					X	X	X											X																					
12C070	Flett Cr @ Custer Rd					X	X	X											X																					
13A050	Deschutes R @ Tumwater					X	X	X	X	X		X	X							X																				
13A060	Deschutes R @ E St Bridge																				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X
13A080	Deschutes R nr Olympia														X			X		X																				
13A150	Deschutes R nr Rainier														X			X			X	X	X	X	X	X	X	X	X	X	X	X	X	X		X				
14A060	Goldsborough Cr @ Shelton																																				X			
14A070	Goldsborough Cr nr Shelton							X	X	X		X	X																											
15A070	Dewatto R nr Dewatto														X	X	X																							
15B070	Chico Cr nr Bremerton							X	X	X	X	X	X																											
16A070	Skokomish R nr Potlatch		X	X	X	X	X	X	X	X		X	X		X	X	X				X	X	X				X	X	X	X	X	X	X	X	X	X	X	X	X	X
16B070	Hamma Hamma R nr Mouth				X	X	X	X	X	X		X	X			X																								
16B110	Hamma Hamma R nr Eldon															X	X																				X			
16C070	Duckabush R @ Mouth		X	X	X	X	X	X	X	X		X	X			X																								
16C090	Duckabush R nr Brinnon														X	X	X																				X	X	X	X
16D070	Dosewallips R @ Brinnon	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X																				X			
16E070	Finch Cr @ Hoodsport																																				X			
17A070	Big Quilcene R nr Quilcene	X	X	X	X	X	X	X	X			X			X	X	X																				X			
17B070	Chimacum Cr nr Irondale																																				X			
17B090	Chimacum Cr @ Hadlock															X																								
17B100	Chimacum Cr @ Chimacum																																				X			
17B110	Chimacum Cr nr Chimacum															X																								
18A070	Dungeness R nr Sequim	X	X	X	X	X	X	X	X						X	X	X																				X			
18B070	Elwha R nr Port Angeles	X	X	X	X	X	X	X	X			X			X	X	X																				X	X	X	X
18B080	Elwha R @ McDonald Br (USGS)																	X	X	X	X	X	X	X	X	X	X	X												
19A070	Pysht R nr Pysht														X	X	X																							
19B070	Hoko R nr Mouth														X																									
19B090	Hoko R nr Sekiu															X	X																							
20A090	Soleduck R nr Forks														X	X	X																				X			
20A130	Soleduck R nr Fairholm		X	X	X	X	X	X	X	X		X	X																											
20B070	Hoh R @ DNR Campground		X	X	X	X	X	X	X	X	X	X	X		X	X	X				X	X	X														X	X	X	X

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20C070	Ozette R @ Ozette	X	X	X																																				
20D070	Dickey R nr La Push																																							X
21A070	Queets R @ Queets		X	X	X	X	X	X	X	X	X	X	X		X																						X			
21A080	Queets R nr Clearwater (USGS)																				X	X	X	X	X	X	X	X												
21A090	Queets R abv Clearwater															X	X																							
21B090	Quinault R @ Lake Quinault	X	X				X	X	X	X	X	X	X		X	X	X				X	X	X														X			
21C070	Clearwater R nr Queets															X	X																							
21D070	NF Quinault R @ Amanda (USGS)													X	X	X	X	X	X	X	X	X	X	X	X	X	X	X												
22A070	Humptulips R nr Humptulips	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
22B070	WF Hoquiam R nr Hoquiam					X	X	X	X	X						X	X																				X			
22C050	Chehalis R nr Montesano													X							X	X	X	X	X	X	X	X	X	X	X	X	X	X	X					
22C070	Chehalis R nr Fuller													X				X																						
22D070	Wishkah R nr Wishkah					X	X	X	X	X						X	X			X																				
22F090	Wynoochee R nr Montesano	X	X	X	X	X	X	X	X	X		X	X			X	X			X																				
22G070	Satsop R nr Satsop		X	X	X	X	X	X	X	X	X	X	X	X				X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X				
22H070	Cloquallum Cr nr Elma				X	X	X	X							X			X		X																				
22J070	Wildcat Cr nr McCleary													X																										
23A070	Chehalis R @ Porter	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
23A100	Chehalis R @ Prather Rd																																					X	X	X
23A110	Chehalis R @ Galvin														X			X		X																				
23A120	Chehalis R @ Centralia																				X	X	X	X	X	X	X	X	X	X	X	X	X	X		X				
23A130	Chehalis R @ Claquato																																							X
23A140	Chehalis R @ Adna														X			X		X																				
23A160	Chehalis R @ Dryad	X	X	X	X	X	X	X	X												X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
23B050	Newaukum @ Mouth																																			X				
23B070	Newaukum R nr Chehalis		X	X	X	X	X	X	X	X						X		X		X																				X
23B090	SF Newaukum R @ Forest																	X																						
23C070	NF Newaukum R @ Forest																	X																						
23D055	Skookumchuck R @ Centralia																																			X				X
23E070	Black River @ Moon Road Bridge																																X	X		X		X	X	X
23F070	Mill Ck nr Bordeaux																																			X				
23G070	SF Chehalis R @ Curtis																																							X
24B090	Willapa R nr Willapa								X	X		X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X	X
24B130	Willapa R @ Lebam	X	X	X								X									X	X	X	X	X	X	X	X	X	X	X	X	X	X	X					
24C070	SF Willapa R @ South Bend															X																								
24D070	North R nr Raymond															X			X	X																				
24D090	North R @ Artic																																		X					
24E070	North Nemah R @ Nemah															X				X																				
24F040	Naselle R @ Mouth															X																								

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24F055	Naselle R @ Naselle									X																														
24F070	Naselle R nr Naselle								X	X		X	X			X			X	X	X	X	X												X			X	X	X
24G070	Bear Branch nr Naselle								X											X																				
24H070	Middle Nemah R nr Nemah																			X																				
24J070	South Namah R nr Nemah																			X																				
25A070	Columbia R @ Cathlamet										X	X	X						X																					
25A075	Columbia R @ Bradwood																X	X	X	X	X	X																		
25A110	Columbia R @ Fisher Is Lt					X	X	X	X	X																														
25A115	Columbia R nr Longview										X	X	X						X																					
25A150	Columbia R blw Longview Br										X				X																									
25B070	Grays R nr Grays River															X			X	X																				
25C070	Elochoman R nr Cathlamet	X														X			X	X																				
26B070	Cowlitz R @ Kelso		X	X	X	X	X	X	X						X	X		X			X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
26B100	Cowlitz R @ Castle Rock (USGS)									X	X	X	X					X	X	X	X																			
26B150	Cowlitz R @ Toledo				X	X	X	X	X						X			X			X	X	X												X					
26B180	Cowlitz nr Kosmos B Cispus	X	X	X	X	X	X	X	X	X																														
26B190	Cowlitz R nr Randle											X	X					X																						
26B200	Cowlitz R nr Kosmos														X																									
26C070	Coweeman R @ Kelso				X	X	X	X	X					X	X			X									X	X	X	X	X	X	X	X	X					
26C090	Coweeman R nr Rose Valley													X				X																						
26D070	Toutle R nr Castle Rock		X	X	X	X	X	X	X	X		X	X		X			X			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X					
26E070	Cispus R nr Kosmos														X								X	X	X															
27A070	Columbia R @ Kalama										X	X	X						X	X																				
27B070	Kalama R nr Kalama		X	X	X	X	X	X	X	X	X	X	X		X	X			X	X			X	X	X	X	X	X	X	X	X	X	X	X	X			X	X	X
27B090	Kalama R @ Upper Hatchery															X																								
27B110	Kalama R @ Pigeon Springs															X																								
27C070	Lewis R @ Woodland @ I-5					X	X	X	X	X		X	X		X	X																								
27C080	Lewis R @ Co Rd 16																																		X					
27C110	Lewis R @ Ariel (USGS)		X	X																X	X	X	X					X												
27D090	EF Lewis R nr Dollar Corner																			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X	X
27E070	Cedar Cr nr Etna																																					X		
27F070	Gee Cr @ Ridgefield																																					X		
28A090	Columbia blw Vancouver WA										X	X	X																											
28A091	Columbia blw Vancouver OR										X	X	X																											
28A165	Columbia R @ Warrendale															X	X	X	X	X	X	X																		
28A170	Columbia R blw Bonneville										X	X								X																				
28A175	Columbia R @ Bonneville Dam										X	X	X						X																					
28B070	Washougal R @ Washougal											X	X		X	X			X	X															X					
28B090	Washougal R nr Washougal				X	X	X	X	X	X	X	X	X																											

Station description and monitoring history for EILS freshwater monitoring program.

Station Number	Name	Water Year Sampled																																						
		59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	
28B110	Washougal R blw Canyon Ck																																					X		
28C070	Burnt Br Cr @ Mouth															X																								
28C110	Burnt Br Cr @ Vancouver															X																								
28D070	Salmon Cr @ Salmon Creek															X																								
28D110	Salmon Cr nr Battle Ground															X																								
28E070	Weaver Cr nr Battle Ground															X																								
28F070	Lake R nr Ridgefield																																		X					
28G070	Gibbons Ck nr Washougal																																		X					
29B070	White Salmon R nr Underwood		X	X	X	X	X	X	X	X	X	X	X		X	X			X	X	X	X	X	X	X	X												X		
29C070	Wind R nr Carson															X			X	X	X	X	X	X	X	X												X		
29D070	Rattlesnake Cr nr Mouth																																					X	X	X
29E070	Gilmer Cr nr Mouth																																					X	X	X
30A070	Columbia R @ The Dalles										X	X		X	X	X	X	X	X	X	X																	X		
30A090	Columbia R @ The Dalles Dam										X																													
30B060	Klickitat R nr Lyle																																				X	X		
30B070	Klickitat R nr Pitt (USGS)									X	X	X	X			X	X	X	X	X	X	X	X																	
30C070	Little Klickitat nr Wahkiacus																			X																	X	X		
31A070	Columbia R @ Umatilla										X							X	X	X	X	X												X	X	X	X	X	X	X
31A090	Columbia R @ McNary Dam	X	X	X	X	X	X	X	X	X	X	X																												
31A130	Columbia R nr Yakima R Mouth										X																													
32A070	Walla Walla R nr Touchet	X	X	X	X	X	X	X	X					X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
32A090	Walla Walla R nr Lowden													X	X																									
32A110	Walla Walla R @ College Pl													X	X		X	X																						
32B070	Touchet R @ Touchet														X		X	X			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X					X
32B100	Touchet R @ Bolles																X	X																						
32B120	Touchet R nr Dayton																X	X																						
32B130	Touchet R @ Dayton	X	X																															X	X					
32B140	Touchet R above Dayton																																							X
32C070	Mill Cr @ Mission St														X		X	X																						
32C110	Mill Cr @ Tausick Way														X		X																			X				
33A010	Snake R nr Mouth										X																													
33A050	Snake R nr Pasco		X	X	X	X	X	X	X		X					X																		X	X	X	X	X	X	X
33A070	Snake R blw Ice Harbor Dam											X			X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
34A070	Palouse R @ Hooper	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
34A085	Palouse R @ Shields Rd Bridge																																		X					
34A090	Palouse R nr Diamond													X			X																							
34A110	Palouse R abv Buck Canyon													X			X	X																						
34A170	Palouse R @ Palouse																	X																	X	X	X	X	X	X
34B070	SF Palouse R nr Colfax													X			X	X																						

Station description and monitoring history for EILS freshwater monitoring program.

Station		Water Year Sampled																																						
Number	Name	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	
34B090	SF Palouse R nr Pullman													X			X																							
34B110	SF Palouse R @ Pullman													X			X				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X	X
34B130	SF Palouse R blw Sunshine																	X																						
34B140	SF Palouse R @ Busby																																		X					
34C060	Paradise Cr at Mouth																																		X					
34C070	Paradise Cr nr Pullman																	X																						
34C100	Paradise Cr @ Border																																		X					
34D070	SF Palouse Trib Whitman Fm																	X																						
34E070	Rock Creek at Revere																																		X					
34F090	Pine Cr @ Rosalia																																						X	
35A100	Snake R blw Lwr Granite Dam																				X																			
35A150	Snake R @ Interstate Br				X	X	X	X	X		X	X																						X	X	X	X	X	X	X
35A200	Snake R nr Anatone														X	X	X	X	X	X	X	X																		
35B060	Tucannon R @ Powers																X				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X	X
35B110	Tucannon R nr Delaney	X	X																																					
35B150	Tucannon R nr Marengo																																							X
35C070	Grande Ronde R nr Anatone																			X			X	X	X											X				
35D070	Asotin Cr @ Asotin																			X																X				X
35E070	Clearwater R @ US12/95																																			X				
35F070	Pataha Ck @ Archer Rd																																							X
36A055	Columbia R @ Port of Pasco														X																									
36A060	Columbia R @ Pasco										X	X																												
36A065	Columbia R @ Richland																					X																		
36A070	Columbia R nr Vernita				X	X					X	X	X		X		X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X	X	X
37A060	Yakima R @ VanGiesen Br														X		X	X																						
37A070	Yakima R nr Richland													X																										
37A090	Yakima R @ Kiona	X	X	X	X					X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
37A095	Yakima 2 mi blw Prosser																																			X				
37A100	Yakima below Prosser																																			X				
37A110	Yakima R @ Prosser													X			X	X																						
37A130	Yakima R @ Mabton													X			X	X																			X			
37A149	Yakima R @ Granger No Side													X																										
37A150	Yakima R @ Granger So Side													X																										
37A170	Yakima R nr Toppenish													X			X	X																		X				
37A190	Yakima R @ Parker													X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X					
37A200	Yakima R abv Ahtanum Cr (USGS)																	X	X			X	X	X																
37A205	Yakima R @ Knob Hill																																					X	X	X
37A210	Yakima R nr Terrace Height													X	X		X	X																			X			
37B060	Satus Cr @ Satus																X	X																						

Station description and monitoring history for EILS freshwater monitoring program.

Station		Water Year Sampled																																				
Number	Name	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	
37C060	Toppenish Cr nr Satus																X	X																						
37D080	Marion Drin nr Granger																X	X																						
37E070	Wide Hollow Cr @ Union Gap													X			X																		X					
37E090	Wide Hollow Cr @ Goodman													X			X																							
37F070	Sulfer Ck Wasteway @ McGee Rd																																				X			
38A050	Naches R @ Yakima on US HWY 97		X	X	X	X	X	X	X																										X					
38A070	Naches R @ Yakima															X		X																						
38A110	Naches R @ Naches	X	X															X																						
38A130	Naches R nr Naches					X	X	X	X																															
38B070	Tieton R @ Oak Creek					X	X	X	X																										X					
38C070	Rattlesnake Cr nr Nile					X	X																																	
38D070	Bumping R @ American R					X	X																																	
38E070	American R @ American R					X	X																																	
38F070	Little Naches nr Cliffdell					X	X	X																											X					
39A070	Yakima R nr Thorp														X			X																						
39A080	Yakima R @ Cle Elum	X	X	X	X	X	X	X	X	X	X	X	X																											
39A090	Yakima R nr Cle Elum														X			X															X	X	X			X	X	X
39B070	Cle Elum R nr Cle Elum														X			X																						
39B090	Cle Elum R nr Roslyn																																		X					
39C070	Wilson Cr @ Thrall								X	X	X	X	X			X		X																		X				
39D070	Teanaway R nr Cle Elum				X	X	X	X	X																										X					
41A070	Crab Cr nr Beverly	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X	X	X
41A075	Crab Cr nr Smyrna					X	X	X																																
41A090	Crab Cr nr Othello													X																										
41A110	Crab Cr nr Moses Lake				X																		X	X	X	X											X			
43A070	Crab Cr @ Irby				X																																		X	
43A100	Crab Ck @ Marcelus Road																																						X	
43A150	Crab Ck @ Bluestem Road																																						X	
43B090	Lake Ck @ Coffeepot Road																																						X	
44A070	Columbia R blw Rock Is Dam														X			X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X						
45A070	Wenatchee R @ Wenatchee		X	X	X	X	X	X	X	X		X	X		X			X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
45A085	Wenatchee R nr Dryden																		X																					
45A100	Wenatchee R @ Leavenworth																		X																					
45A110	Wenatchee R nr Leavenworth																				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
45B070	Icicle Cr nr Leavenworth																		X																	X				
45C070	Columbia R abv Wenatchee R																																							X
45C070	Chumstick Cr nr Leavenworth																																							X
45D070	Brender Cr nr Cashmere																																							X
45E070	Mission Cr nr Cashmere																																							X

Station description and monitoring history for EILS freshwater monitoring program.

Station Number	Name	Water Year Sampled 59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	
46A070	Entiat R nr Entiat	X	X	X	X	X	X	X	X	X					X			X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X	X	X
47A070	Chelan R @ Chelan		X	X	X	X	X	X	X	X		X	X		X			X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X			X			
47B070	Columbia R @ Chelan Station																																	X		X				
48A070	Methow R nr Pateros	X	X	X	X	X	X	X	X						X			X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
48A130	Methow R nr Twisp																		X		X	X	X	X	X	X	X	X	X	X	X									
48A140	Methow R @ Twisp																															X	X	X		X		X	X	X
48A170	Methow R @ Weeman Br																		X																					
48A190	Methow R blw Gate Cr																		X		X	X	X																	
48B070	Chewack R @ Winthrop																		X																					
49A050	Okanogan R nr Brewster	X	X	X	X	X	X	X	X	X	X																													
49A070	Okanogan R @ Malott									X	X	X	X		X			X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
49A090	Okanogan R @ Okanogan																		X		X	X	X	X	X	X	X	X	X	X	X								X	
49A170	Okanogan R @ Janis																		X																					
49A180	Okanogan R @ Tonaskat																																						X	
49A190	Okanogan R @ Oroville		X	X	X	X	X	X	X									X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X		X	X	X
49B070	Similkameen R @ Oroville		X	X	X	X	X	X	X									X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
49B090	Similkameen R @ Nighthawk																																						X	
50A070	Columbia R nr Brewster										X																													
51A070	Nespelem R @ Nespelem																						X	X	X	X	X	X	X	X	X	X	X	X		X				
52A070	Sanpoil R @ Keller		X	X	X	X	X	X	X						X			X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X				
52A110	Sanpoil R 13 mi S. Republic																																					X		
52A170	Sanpoil R blw Republic																		X																					
52A190	Sanpoil R abv Republic																		X																	X				
53A070	Columbia R @ Grand Coulee														X			X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X		X	X	X
54A050	Spokane R @ Mouth																																	X	X	X	X			
54A070	Spokane R @ Long Lake (USGS)	X	X	X	X	X	X	X	X			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X												
54A090	Spokane R @ Ninemile Br													X		X																								
54A120	Spokane R @ Riverside State Pk														X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
54A130	Spokane R @ Fort Wright Br													X		X																								
55B070	Little Spokane R nr Mouth													X		X				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X	X	X
55B080	Little Spokane R nr Griffith Spring																																X	X						
55B082	Little Spokane R abv Dartford Creek																																X	X						
55B085	Little Spokane nr Dartford		X	X	X	X	X	X	X																															
55B090	Little Spokane R abv Wandermere															X																								
55B100	Little Spokane R abv Deadman Creek																																X	X			X			
55B200	Little Spokane @ Chattaroy																																				X			
55C065	Deadman Cr nr Mouth																																				X			
55C070	Peone (Deadman) Creek abv L Deep Cr																																X	X						
55E070	Dragoon Cr nr Chattaroy																																				X			

Station description and monitoring history for EILS freshwater monitoring program.

Station Number	Name	Water Year Sampled 59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	
56A070	Hangman Cr @ Mouth															X				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X		X	X	X
57A120	Spokane R @ Spokane															X																								
57A130	Spokane R @ Mission St Br													X		X																								
57A145	Spokane R @ Trent Br															X																								
57A150	Spokane R @ Stateline Br	X	X	X	X	X	X	X				X	X	X		X				X														X	X	X	X	X	X	X
57A190	Spokane R nr Post Falls															X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
59A070	Colville R @ Kettle Falls		X	X	X	X	X	X	X	X	X	X	X		X			X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X			X			
59A080	Colville R abv Kettle Falls																																					X		
59A110	Colville R @ Blue Creek																		X																					
59A130	Colville R @ Chewelah																		X																					
60A050	Kettle R @ Hedlund Bridge										X																													
60A070	Kettle R nr Barstow		X	X	X	X	X	X	X			X	X		X			X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X	X	X
61A070	Columbia R @ Northport (USGS)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X						X	X	X	X	X	X	X
61B070	Deep Ck nr Mouth																																			X				
61C070	Onion Cr nr Northport																																					X		
61D070	Sheep Cr nr Northport																																					X		
62A070	Pend Oreille R @ Waneta BC (USGS)					X	X	X																																
62A080	Pend Oreille R @ Border (USGS)																X	X	X	X	X	X	X	X	X	X	X	X												
62A090	Pend Oreille @ Metaline Falls	X	X	X	X																																X	X		
62A150	Pend Oreille R @ Newport	X	X	X	X	X	X	X	X										X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

Appendix B

Wateryear 1995 Raw Data for Ecology's River and Stream Ambient Monitoring Program

Data listed in this appendix are available in electronic format by contacting

Central Region:	Bill Ehinger (360 407-6682; wehi461@ecy.wa.gov)
Eastern Region:	Dave Hallock (360 407-6681; daha461@ecy.wa.gov)
Northwest Region:	Brad Hopkins (360 407-6686; bhop461@ecy.wa.gov)
Southwest Region:	Rob Plotnikoff (360 407-6687; rplo461@ecy.wa.gov)

Ambient monitoring data from the most recent complete wateryear are available over the Internet on Ecology's web pages (http://www.wa.gov/ecology/)

Station No.: 01A050 NOOKSACK R @ BRENNAN Water Class: A Latitude: 48 49 10.0

Water Body No.: WA-01-1010 River Mile: 3.40 Longitude: 122 34 43.0

Date	Time	Temp (C)	Flow (CFS)	Conductivity (umhos)	Oxygen (mg/L)	Oxygen Satur. (%)	pH (units)	Suspend Solids (mg/L)	TPN (mg/L)	NH3+NH4 Nitrog. (mg/L)	Total Phosph. (mg/L)	Dissol. Ortho P (mg/L)	Turbidity (NTU)	Fecal Colif. (#/100ml)	NO2+NO3 Nitrog. (mg/L)
94/10/18	1505	10.0	785.0	120	11.4	100.3	7.6	6.0	0.289	0.010 U	0.012	0.010 K	3.7	44 S	0.259
94/11/15	1710	5.8	2980.0	90	12.0	96.3	7.4	73.0	0.781	0.012	0.051	0.016	45.0	110 S	0.708
94/12/20	1425	5.0	20700.0	38	12.5	97.9	7.3	1520.0	0.269	0.010 U	0.777	0.100	800.0		0.193
95/01/17	1450	5.0	3740.0	104			7.2	33.0	1.100	0.034	0.052	0.013	19.0	34 S	0.868
95/02/21	1400	5.4	19000.0	56	12.1	94.2		431.0	0.511	0.023	0.320	0.012	260.0	94 S	0.322
95/03/21	1405	6.2	4880.0	86	11.6	95.0	7.3	36.0	0.669	0.014	0.035	0.009	19.0	52 S	0.536
95/04/18	1430	7.5	2585.0	109	11.6	96.1	7.6	8.0	0.605	0.010 U	0.049	0.009	5.8	71	0.418
95/05/16	1440	10.9	5000.0	67	10.5	94.6	7.5	74.0	0.192	0.010 U	0.060	0.005 U	38.0	150	0.118
95/06/20	1355	11.5	2420.0	89	10.5	95.2	7.5	8.0	0.249	0.010 U	0.026	0.007	6.1	64	0.169
95/07/18	1350	17.9	2480.0	81	9.5	98.2	7.5	48.0	0.132	0.010 U	0.054	0.005	40.0	220	0.103
95/08/22	1410	17.5	1640.0	106	10.0	101.9	7.7	8.0	0.168	0.010 U	0.010 U	0.005 U	7.0	18	0.129
95/09/19	1325	15.2	1090.0	109	10.6	102.5	7.8	13.0	0.229	0.010 U	0.027	0.016	11.0	32	0.171

Remarks: U,K - Below reporting limit; B - analyte in blank; X - background organisms; J - Estimate; S - Spreader colonies, P - below quantitation limit.

Station No.: 01A120 NOOKSACK R @ NO CEDARVILLE Water Class: A Latitude: 48 50 30.0

Water Body No.: WA-01-1020 River Mile: 30.80 Longitude: 122 17 35.0

Date	Time	Temp (C)	Flow (CFS)	Conductivity (umhos)	Oxygen (mg/L)	Oxygen Satur. (%)	pH (units)	Suspend Solids (mg/L)	TPN (mg/L)	NH3+NH4 Nitrog. (mg/L)	Total Phosph. (mg/L)	Dissol. Ortho P (mg/L)	Turbidity (NTU)	Fecal Colif. (#/100ml)	NO2+NO3 Nitrog. (mg/L)
94/10/18	1420	9.8	851.0	104	12.4	109.0	8.1	3.0	0.136	0.010 U	0.018	0.010 K	2.7	4	0.096
94/11/15	1610	6.0	2090.0	77	12.0	97.3	7.4	23.0	0.537	0.010 U	0.010 U	0.010	16.0	14 S	0.484
94/12/20	1335	4.4	18800.0	38	12.8	99.6	7.2	1410.0	0.263	0.010 U	0.872	0.007	1000.0		0.197
95/01/17	1410	4.7	2220.0	76			7.4	22.0	0.399	0.010 U	0.024	0.005 U	18.0	10 S	0.327
95/02/21	1320	5.4	11100.0	53	12.4	97.0		286.0	0.296	0.010 U	0.216	0.005 U	150.0	27 S	0.200
95/03/21	1315	6.2	3510.0	66	11.9	97.8	7.3	17.0	0.286	0.010 U	0.016	0.005 U	12.0	2	0.218
95/04/18	1350	8.0	2170.0	84	12.3	103.6	7.7	16.0	0.226	0.010 U	0.038	0.005 U	13.0	1 U	0.185
95/05/16	1345	8.8	4110.0	58	11.1	95.8	7.6	44.0	0.127	0.010 U	0.033	0.005 U	31.0	22	0.055
95/06/20	1300	10.0	2300.0	78	11.2	98.5	7.7	8.0	0.135	0.010 U	0.019	0.005 U	4.4	20	0.065
95/07/18	1310	14.9	2320.0	69	10.3	100.7	7.8	64.0	0.080	0.010 U	0.049	0.005 U	50.0	35	0.055
95/08/22	1330	14.0	1350.0	92	10.7	101.6	7.8	3.0	0.076	0.010 U	0.010 U	0.005 U	9.4	2	0.053
95/09/19	1245	12.5	969.0	93	11.3	103.5	8.0	13.0	0.070	0.010 U	0.010 U	0.005 U	17.0	5	0.051

Remarks: U,K - Below reporting limit; B - analyte in blank; X - background organisms; J - Estimate; S - Spreader colonies, P - below quantitation limit.

Station No.: 03A060 SKAGIT R NR MOUNT VERNON Water Class: A Latitude: 48 26 42.0
Water Body No.: WA-03-1010 River Mile: 15.90 Longitude: 122 20 03.0

Date	Time	Temp (C)	Flow (CFS)	Conduc-tivity (umhos)	Oxygen (mg/L)	Oxygen Satur. (%)	pH (units)	Suspend Solids (mg/L)	TPN (mg/L)	NH3+NH4 Nitrog. (mg/L)	Total Phosph. (mg/L)	Dissol. Ortho P (mg/L)	Hardnes (mg/L)	Turbid-ity (NTU)	Fecal Colif. (#/100ml)
94/10/19	1010	10.4	4340.0	67	10.8	95.7	7.5	3.0	0.094	0.010 U	0.010 K	0.010 K		1.9	5
94/11/16	1100	7.5	13700.0	58	11.5	96.4	7.4	15.0	0.197	0.010 U	0.010 U	0.010 K	27	3.3	13
94/12/21	0950	5.0	51700.0	36	12.4	96.0	7.4	248.0	0.266	0.010 U	0.210	0.005 U		130.0	54 S
95/01/18	0930	5.0	18700.0	60	12.4	97.4	7.3	12.0	0.214	0.010 U	0.048	0.005 U	29	6.7	6 S
95/02/22	0930	4.8	40800.0	43	12.6	96.4		95.0	0.203	0.010 U	0.082	0.005 U		34.0	26 S
95/03/22	0900	5.1	21200.0	54	12.2	97.2	7.2	11.0	0.163	0.010 U	0.010	0.005 U	28	7.4	8 S
95/04/19	0905	7.1	10100.0	67	11.9	98.0	7.2	8.0	0.144	0.010 U	0.022	0.005 U		2.4	8
95/05/17	0740	9.1	24600.0	42	11.2	96.2	7.5	383.0	0.080	0.010 U	0.010 U	0.005 U		11.0	10
95/06/21	0910	11.0	13100.0	45	11.1	99.3	7.6	6.0	0.106	0.010 U	0.018	0.005 U		3.0	20
95/07/19	0900	15.2	13500.0	40	9.9	96.6	8.1	21.0	0.083	0.022	0.019	0.005 U		14.0	16
95/08/23	0910	14.3	9460.0	54	10.2	97.2	7.7	8.0	0.091	0.010 U	0.010 U	0.005 U		5.2	11
95/09/20	0905	13.7	8700.0	55	10.2	95.2	7.6	14.0	0.075	0.010 U	0.010 U	0.007		8.7	27

03A060 Skagit R nr Mount Vernon continued: more parameters.

Date	Time	NO2+NO3 Nitrog. (mg/L)	Chrom-ium (ug/L)	Copper (ug/L)	Lead (ug/L)	Zinc (ug/L)	Cadmium (ug/L)	Mercury (ug/L)	Cadmium Dissol. (ug/L)	Copper Dissol. (ug/L)	Lead Dissol (ug/L)	Nickle Dissol. (ug/L)	Zinc Dissol. (ug/L)	Arsenic Tot Rec (ug/L)
94/10/19	1010	0.060												
94/11/16	1100	0.163	5.00 U					0.0010 U	0.040 U	0.546	0.020 U	1.000 U	1.900 P	30.000 U
94/12/21	0950	0.186												
95/01/18	0930	0.152	5.00 U	12.0 P	20.0 U	4.0 U	3.00 U	0.0010 U	0.020 U	0.360 P	0.020 U	0.620	0.550 P	30.000 U
95/02/22	0930	0.146												
95/03/22	0900	0.118	5.00 U					0.0010 P	0.030 U	0.460 P	0.020 U	0.689	0.400 U	30.000 U
95/04/19	0905	0.118												
95/05/17	0740	0.070												
95/06/21	0910	0.048												
95/07/19	0900	0.034												
95/08/23	0910	0.038												
95/09/20	0905	0.041												

Remarks: U,K - Below reporting limit; B - analyte in blank; X - background organisms; J - Estimate; S - Spreader colonies, P - below quantitation limit.

Station No.: 03B045 SAMISH R. NR MOUTH Water Class: A Latitude: 48 31 15.9

Water Body No.: WA-03-2010 River Mile: 4.70 Longitude: 122 24 35.9

Date	Time	Temp (C)	Flow (CFS)	Conductivity (umhos)	Oxygen (mg/L)	Oxygen Satur. (%)	pH (units)	Suspend Solids (mg/L)	TPN (mg/L)	NH3+NH4 Nitrog. (mg/L)	Total Phosph. (mg/L)	Dissol. Ortho P (mg/L)	Turbidity (NTU)	Fecal Colif. (#/100ml)	NO2+NO3 Nitrog. (mg/L)
94/10/19	0940	10.2		128	9.8	86.4	7.4	2.0	0.589	0.010 U	0.026	0.010 K	2.1	100	0.513
94/11/16	0945	6.3		86	10.9	88.7	7.3	17.0	0.766	0.024	0.036	0.017	16.0	140 S	0.596
94/12/21	0920	6.9		64	11.4	92.5	7.4	45.0	1.100	0.031	0.087	0.017	30.0	80 S	0.883
95/01/18	0855	6.0		74	11.8	94.9	7.2	16.0	1.410	0.012	0.063	0.009	12.0	120	1.090
95/02/22	0900	6.0		60	11.4	89.9		77.0	1.460	0.022	0.055	0.014	45.0	57 S	0.981
95/03/22	0830	6.0		70	11.5	93.8	7.1	12.0	0.906	0.010 U	0.028	0.005	9.3	31	0.761
95/04/19	0835	7.6		81	11.2	93.3	7.4	7.0	0.822	0.010 U	0.054	0.008	7.8	64	0.646
95/05/17	0710	11.9		115	9.3	85.2	7.4	5.0	0.801	0.044	0.010 U	0.010	3.2	180	0.639
95/06/21	0840	12.7		139	10.7	99.3	7.4	6.0	0.710	0.010 U	0.028	0.009	2.6	240	0.574
95/07/19	0830	17.8		155	9.5	97.7	7.9	4.0	0.724	0.014	0.018	0.008	3.7	340	0.555
95/08/23	0835	14.3		149	9.6	91.5	7.6	4.0	0.573	0.010 U	0.015	0.007	3.0	190	0.475
95/09/20	0835	13.2		147	9.1	84.0	7.6	4.0	0.628	0.015	0.022	0.021	2.2	63	0.469

Remarks: U,K - Below reporting limit; B - analyte in blank; X - background organisms; J - Estimate; S - Spreader colonies, P - below quantitation limit.

Station No.: 03B050 SAMISH R NR BURLINGTON Water Class: A Latitude: 48 32 46.0
Water Body No.: WA-03-2010 River Mile: 10.40 Longitude: 122 20 13.0

Date	Time	Temp (C)	Flow (CFS)	Conductivity (umhos)	Oxygen (mg/L)	Oxygen Satur. (%)	pH (units)	Suspend Solids (mg/L)	TPN (mg/L)	NH3+NH4 Nitrog. (mg/L)	Total Phosph. (mg/L)	Dissol. Ortho P (mg/L)	Turbidity (NTU)	Fecal Colif. (#/100ml)	NO2+NO3 Nitrog. (mg/L)
94/10/19	0905	10.0	16.6	118	10.5	92.2	7.5	10.0	0.680	0.010 U	0.017	0.010 K	1.4	70	0.564
94/11/16	0900	6.2	172.0	81	11.4	92.7	7.3	13.0	0.796	0.023	0.024	0.010 K	11.0	360 S	0.607
94/12/21	0850	6.8	1240.0	60	11.7	94.8	7.5	48.0	0.966	0.013	0.074	0.010	30.0	63	0.759
95/01/18	0830	6.1	874.0	67	12.0	96.8	7.4	1.0	1.380	0.010 U	0.055	0.005	9.7	20 S	0.962
95/02/22	0830	5.5	1860.0	58	12.2	95.0		83.0	1.140	0.010 U	0.054	0.005 U	40.0	17	0.865
95/03/22	0750	5.6	995.0	63	11.9	96.2	7.2	12.0	0.828	0.010 U	0.015	0.005 U	8.6	16	0.720
95/04/19	0805	7.4	587.0	73	11.7	97.0	7.4	5.0	0.781	0.010 U	0.044	0.006	4.9	57	0.615
95/05/17	0615	11.4	290.0	102	10.0	90.7	7.4	3.0	0.821	0.020	0.010 U	0.009	2.7	220 X	0.681
95/06/21	0805	11.8	33.4	118	10.1	92.0	7.6	3.0	0.875	0.014	0.020	0.007	1.3	290	0.724
95/07/19	0800	15.7	21.2	133	8.7	85.7	7.8	2.0	0.906	0.011	0.010 U	0.006	0.9	230	0.768
95/08/23	0810	12.7	29.8	134	10.1	93.1	7.6	2.0	0.709	0.010 U	0.010 U	0.005 U	1.4	120	0.629
95/09/20	0805	12.0	21.2	130	10.2	91.7	7.7	2.0	0.680	0.010 U	0.010 U	0.012	1.1	120	0.565

Remarks: U,K - Below reporting limit; B - analyte in blank; X - background organisms; J - Estimate; S - Spreader colonies, P - below quantitation limit.

Station No.: 03B080 SAMISH R. NR PRAIRIE Water Class: A Latitude: 48 35 13.6
Water Body No.: WA-03-2010 River Mile: 20.80 Longitude: 122 13 58.9

Date	Time	Temp (C)	Flow (CFS)	Conduc-tivity (umhos)	Oxygen (mg/L)	Oxygen Satur. (%)	pH (units)	Suspend Solids (mg/L)	TPN (mg/L)	NH3+NH4 Nitrog. (mg/L)	Total Phosph. (mg/L)	Dissol. Ortho P (mg/L)	Turbid-ity (NTU)	Fecal Colif. (#/100ml)	NO2+NO3 Nitrog. (mg/L)
94/10/19	0805	9.5	9.5	118	8.4	73.3	7.2	4.0	0.707	0.010 U	0.012	0.010 K	1.5	650 J	0.702
94/11/16	0730	6.1	64.0	76	10.2	83.2	6.9	4.0	0.536	0.024	0.010 U	0.010 K	2.6	88 X	0.398
94/12/21	0800	6.6	1000.0 J	53	10.6	85.8	7.3	26.0	0.543	0.010 U	0.037	0.005	13.0	33 S	0.438
95/01/18	0735	7.8	130.0	67	10.5	88.9	7.0	6.0	0.720	0.055	0.040	0.006	3.8	34	0.488
95/02/22	0730	5.8	1500.0 J	51	10.9	86.0		30.0	0.745	0.010 U	0.034	0.005 U	17.0	25 S	0.507
95/03/22	0700	5.5	230.0	59	10.6	85.5	7.1	5.0	0.588	0.010 U	0.012	0.005 U	2.9	11	0.420
95/04/19	0710	7.1	82.0	73	10.4	86.0	7.0	5.0	0.544	0.028	0.044	0.007	4.4	38	0.412
95/05/17	0510	10.3	27.0	97	9.0	80.1	7.3	3.0	0.646	0.019	0.010 U	0.007	2.8	1100 J	0.520
95/06/21	0720	9.9	14.0	120	9.0	78.6	6.9	1.0	0.765	0.010 U	0.022	0.012	1.4	170	0.690
95/07/19	0710	10.9	14.0	132	8.3	74.0	7.0	1.0	0.817	0.010 U	0.010 U	0.006	0.5	26	0.737
95/08/23	0720	10.6	18.0	133	8.4	74.2	6.7	1.0 U	0.704	0.010 U	0.010 U	0.005 U	0.5 U	92	0.691
95/09/20	0715	9.9	12.0	130	8.3	71.6	7.0	5.0	0.792	0.010 U	0.014	0.017	2.8	11000 J	0.626

Remarks: U,K - Below reporting limit; B - analyte in blank; X - background organisms; J - Estimate; S - Spreader colonies, P - below quantitation limit.

Station No.: 03C060 FRIDAY CR BLW HATCHERY Water Class: A Latitude: 48 33 32.0
Water Body No.: River Mile: 0.80 Longitude: 122 19 38.0

Date	Time	Temp (C)	Flow (CFS)	Conductivity (umhos)	Oxygen (mg/L)	Oxygen Satur. (%)	pH (units)	Suspend Solids (mg/L)	TPN (mg/L)	NH3+NH4 Nitrog. (mg/L)	Total Phosph. (mg/L)	Dissol. Ortho P (mg/L)	Turbidity (NTU)	Fecal Colif. (#/100ml)	NO2+NO3 Nitrog. (mg/L)
94/10/19	0840	9.8	6.0	123	10.6	92.7	7.6	4.0	0.431	0.010 U	0.016	0.010 K	1.1	31	0.342
94/11/16	0815	6.5	74.0	80	11.7	96.0	7.5	8.0	0.971	0.015	0.016	0.010 K	10.0	45 X	0.700
94/12/21	0830	6.6	440.0	65	12.0	96.8	7.5	6.0	1.350	0.013	0.019	0.009	7.4	28	1.120
95/01/18	0810	6.2	380.0	60			7.4	8.0	1.650	0.010 U	0.044	0.005 U	8.3	170	1.160
95/02/22	0800	5.3	3300.0 J	60	12.7	98.5		21.0	1.510	0.018	0.017	0.005 U	13.0	14	1.130
95/03/22	0730	5.4	150.0	63	12.2	98.2	7.2	4.0	1.030	0.010 U	0.013	0.005 U	5.1	10	0.901
95/04/19	0745	7.8	115.0	66	11.6	97.2	7.4	6.0	0.879	0.010 U	0.043	0.005 U	5.9	42	0.692
95/05/17	0550	13.1	18.0	86	9.6	90.6	7.5	3.0	0.817	0.033	0.019	0.012	2.2	20	0.595
95/06/21	0750	13.1	8.0	112	10.7	100.4	7.6	3.0	0.761	0.010 U	0.028	0.010	1.3	22	0.561
95/07/19	0745	16.4	6.0	144	9.2	92.0	7.6	5.0	0.863	0.012	0.044	0.015	3.2	57	0.654
95/08/23	0750	13.4	7.0	147	10.1	94.6	7.6	2.0	0.680	0.010 U	0.026	0.014	2.1	87	0.545
95/09/20	0745	12.1	6.7	146	10.1	91.1	7.8	3.0	0.765	0.011	0.031	0.026	2.0	33	0.564

Remarks: U,K - Below reporting limit; B - analyte in blank; X - background organisms; J - Estimate; S - Spreader colonies, P - below quantitation limit.

Station No.: 03D050 NOOKACHAMP CK NR MOUTH Water Class: A Latitude: 48 27 13.9

Water Body No.: WA-03-1017 River Mile: 1.90 Longitude: 122 16 13.3

Date	Time	Temp (C)	Flow (CFS)	Conduc-tivity (umhos)	Oxygen (mg/L)	Oxygen Satur. (%)	pH (units)	Suspend Solids (mg/L)	TPN (mg/L)	NH3+NH4 Nitrog. (mg/L)	Total Phosph. (mg/L)	Dissol. Ortho P (mg/L)	Turbid-ity (NTU)	Fecal Colif. (#/100ml)	NO2+NO3 Nitrog. (mg/L)
94/10/19	1040	10.0		109	9.6	84.3	7.2	4.0	0.653	0.015	0.012	0.010 K	3.2	340	0.446
94/11/16	1200	5.6		97	11.1	88.9	7.2	11.0	0.931	0.044	0.061	0.026	10.0	530 S	0.707
94/12/21	1025	5.6		42	10.9	85.9	7.0	56.0	0.525	0.010 U	0.099	0.020	80.0	110 S	0.326
95/01/18	1015	5.5		75	11.6	92.2	7.4	41.0	0.960	0.022	0.072	0.018	31.0	370 S	0.626
95/02/22	0945	6.4		70	9.6	76.5		19.0	0.975	0.030	0.059	0.028	27.0	100 S	0.628
95/03/22	0935	5.5		89	10.6	85.4	7.1	9.0	1.010	0.010 U	0.040	0.011	7.2	74 S	0.663
95/04/19	0930	6.9		90	10.7	87.7	7.2	13.0	0.802	0.096	0.108	0.014	8.3	480 S	0.427
95/05/17	0820	13.8		99	7.9	75.5	7.2	9.0	0.551	0.035	0.019	0.010	5.6	200 X	0.203
95/06/21	0930	14.0		150	8.0	76.5	7.1	4.0	0.662	0.053	0.059	0.024	2.4	180	0.319
95/07/19	0930	22.0		168	5.0	55.9	7.0	3.0	0.605	0.051	0.056	0.017	3.7	510	0.193
95/08/23	0930	14.3		137	8.2	78.2	7.3	7.0	0.800	0.080	0.034	0.018	3.5	490	0.448
95/09/20	0935	14.2		182	5.5	51.9	7.1	9.0	0.593	0.046	0.060	0.032	5.1	120	0.234

Remarks: U,K - Below reporting limit; B - analyte in blank; X - background organisms; J - Estimate; S - Spreader colonies, P - below quantitation limit.

Station No.: 04A100 SKAGIT R @ MARBLEMOUNT Water Class: AA Latitude: 48 31 35.0
Water Body No.: WA-04-1090 River Mile: 78.20 Longitude: 121 25 40.0

Date	Time	Temp (C)	Flow (CFS)	Conduc-tivity (umhos)	Oxygen (mg/L)	Oxygen Satur. (%)	pH (units)	Suspend Solids (mg/L)	TPN (mg/L)	NH3+NH4 Nitrog. (mg/L)	Total Phosph. (mg/L)	Dissol. Ortho P (mg/L)	Hardnes (mg/L)	Turbid-ity (NTU)	Fecal Colif. (#/100ml)
94/10/18	1110	10.2	2760.0	54	11.4	102.3	7.6	1.0 K	0.075	0.010 U	0.010 K	0.010 K		0.6	1 K
94/11/15	1330	8.6	5820.0	58	11.7	101.4	7.4	2.0	0.090	0.010 U	0.010 U	0.010 K	28	0.8	7
94/12/20	1110	4.2	17000.0	31	12.7	98.6	7.2	88.0	0.191	0.010 U	0.106	0.005 U		28.0	
95/01/17	1110	4.8	8630.0	62	12.5	97.7	7.4	1.0	0.100	0.010 U	0.016	0.005 U	30	0.8	2
95/02/21	1100	4.1	12900.0	43	12.9	98.2		6.0	0.105	0.010 U	0.010 U	0.005 U		2.2	1 U
95/03/21	1030	4.4	8360.0	56	12.6	99.6	7.3	1.0 U	0.126	0.010 U	0.010 U	0.005 U	30	0.5 U	1
95/04/18	1050	5.5	4890.0	67	12.5	99.4	7.4	1.0	0.088	0.010 U	0.010 U	0.005 U		0.5 U	1 U
95/05/16	1040	7.9	9440.0	41	11.7	99.5	7.3	4.0	0.135	0.010 U	0.010 U	0.005 U		1.4	5
95/06/20	1045	8.5	4650.0	38	11.6	99.1	7.6	1.0	0.095	0.010 U	0.010 U	0.005 U		0.8	5
95/07/18	1035	11.4	5660.0	34	11.0	100.1	7.6	1.0	0.046	0.010 U	0.010 U	0.005 U		1.2	6
95/08/22	1050	10.5	4000.0	50	11.4	100.6	7.5	1.0	0.067	0.010 U	0.010 U	0.005 U		0.9	2
95/09/19	1010	10.9	2380.0	52	11.0	97.6	7.7	1.0	0.079	0.010 U	0.010 U	0.005 U		0.7	2

04A100 Skagit R @ Marblemount continued: more parameters.

Date	Time	NO2+NO3 Nitrog. (mg/L)	Chrom-ium (ug/L)	Copper (ug/L)	Lead (ug/L)	Zinc (ug/L)	Cadmium (ug/L)	Mercury (ug/L)	Cadmium Dissol. (ug/L)	Copper Dissol. (ug/L)	Lead Dissol (ug/L)	Nickle Dissol. (ug/L)	Zinc Dissol. (ug/L)	Arsenic Tot Rec (ug/L)
94/10/18	1110	0.056												
94/11/15	1330	0.066	5.00 U					0.0010 P	0.040 U	0.250 P	0.020 U	1.000 U	1.000 U	30.000 U
94/12/20	1110	0.089												
95/01/17	1110	0.061	5.00 U	12.0 P	20.0 U	5.9 P	3.00 U	0.0029 J	0.020 U	0.210 P	0.020 U	0.160 P	0.400 U	30.000 U
95/02/21	1100	0.070												
95/03/21	1030	0.060	5.00 U					0.0010 U	0.030 U	0.240 P	0.020 U	0.260 P	0.400 U	30.000 U
95/04/18	1050	0.078												
95/05/16	1040	0.074												
95/06/20	1045	0.047												
95/07/18	1035	0.036												
95/08/22	1050	0.055												
95/09/19	1010	0.061												

Remarks: U,K - Below reporting limit; B - analyte in blank; X - background organisms; J - Estimate; S - Spreader colonies, P - below quantitation limit.

Station No.: 04E050 FINNEY CR NEAR BIRDSVIEW Water Class: AA Latitude: 48 31 37.5

Water Body No.: WA-04-1015 River Mile: 0.40 Longitude: 121 50 20.2

Date	Time	Temp (C)	Flow (CFS)	Conduc-tivity (umhos)	Oxygen (mg/L)	Oxygen Satur. (%)	pH (units)	Suspend Solids (mg/L)	TPN (mg/L)	NH3+NH4 Nitrog. (mg/L)	Total Phosph. (mg/L)	Dissol. Ortho P (mg/L)	Turbid-ity (NTU)	Fecal Colif. (#/100ml)	NO2+NO3 Nitrog. (mg/L)
94/10/18	1215	11.8	22.0	117	10.8	99.7	7.6	1.0 K	0.129	0.010 U	0.010 K	0.010 K	0.5 K	5	0.105
94/11/15	1430	6.6	145.0	62	11.8	96.9	7.4	34.0	0.427	0.010 U	0.017	0.010 K	26.0	8	0.388
94/12/20	1210	4.8	3500.0	31	12.5	97.9	7.1	2960.0	0.301	0.010 U	1.070	0.007	2300.0 J		0.177
95/01/17	1210	4.4	230.0	56	12.5	96.3	7.2	33.0	0.269	0.010 U	0.031	0.005 U	26.0	3	0.211
95/02/21	1155	5.6	480.0	44	12.4	97.4		364.0	0.190	0.010 U	0.104	0.005 U	260.0	6	0.115
95/03/21	1135	5.2	230.0	48	12.1	97.1	7.2	66.0	0.196	0.022	0.044	0.005 U	45.0	1	0.128
95/04/18	1145	6.1	145.0	61	12.4	99.6	7.6	9.0	0.107	0.010 U	0.019	0.005 U	9.0	1 U	0.091
95/05/16	1145	10.3	130.0	53	10.6	94.7	7.4	8.0	0.070	0.010 U	0.010 U	0.005 U	6.0	9	0.015
95/06/20	1130	12.1	79.0	92	10.0	92.1	7.5	1.0	0.100	0.010 U	0.010 U	0.005 U	0.6	24	0.041
95/07/18	1130	19.8	54.0	142	8.4	90.6	7.4	1.0 U	0.116	0.010 U	0.010 U	0.005 U	0.5 U	24	0.072
95/08/22	1150	16.5	66.0	110	9.7	97.0	7.7	1.0	0.072	0.010 U	0.010 U	0.005 U	0.5	7	0.038
95/09/19	1105	15.8	25.0	147	9.2	90.4	7.5	3.0	0.110	0.010 U	0.010 U	0.005 U	1.1	15	0.076

Remarks: U,K - Below reporting limit; B - analyte in blank; X - background organisms; J - Estimate; S - Spreader colonies, P - below quantitation limit.

Station No.: 05A070 STILLAGUAMISH R NR SILVANA Water Class: A Latitude: 48 11 50.0
Water Body No.: WA-05-1010 River Mile: 11.10 Longitude: 122 12 34.0

Date	Time	Temp (C)	Flow (CFS)	Conduc-tivity (umhos)	Oxygen (mg/L)	Oxygen Satur. (%)	pH (units)	Suspend Solids (mg/L)	TPN (mg/L)	NH3+NH4 Nitrog. (mg/L)	Total Phosph. (mg/L)	Dissol. Ortho P (mg/L)	Hardnes (mg/L)	Turbid-ity (NTU)	Fecal Colif. (#/100ml)
94/10/19	1140	10.1	630.0	78	10.8	95.1	7.4	2.0	0.220	0.010 U	0.010 K	0.010 K		1.3	20
94/11/16	1300	5.4	4000.0	48	12.1	96.3	7.3	26.0	0.447	0.013	0.015	0.010 K	22	23.0	120
94/12/21	1105	5.2	17900.0 J	32	12.6	98.3	7.1	234.0	0.419	0.010 U	0.281	0.006		150.0	31
95/01/18	1130	4.9	7790.0	42	12.5	97.8	7.4	156.0	0.397	0.010 U	0.140	0.006	24 J	90.0	34
95/02/22	1045	5.2	7972.0	37	12.4	95.9		77.0	0.301	0.010 U	0.037	0.005 U		45.0	9
95/03/22	1040	4.8	4740.0	43	12.1	95.5	7.5	27.0	0.384	0.010 U	0.017	0.005 U	23	23.0	13 S
95/04/19	1030	6.4	3014.0	50	11.9	96.5	7.3	18.0	0.307	0.010 U	0.048	0.005 U		15.0	17
95/05/17	0930	10.3	2636.0	45	10.7	94.5	7.5	10.0	0.210	0.010 U	0.010 U	0.005 U		5.9	39
95/06/21	1045	12.0	1470.0	58	10.4	95.3	7.4	28.0	0.251	0.012	0.033	0.005		25.0	73
95/07/19	1030	22.0	582.0	86	8.2	91.5	7.4	5.0	0.262	0.012	0.010 U	0.005 U		1.2	100
95/08/23	1040	15.3	1160.0 J	70	9.6	93.5	7.6	3.0	0.171	0.010 U	0.010 U	0.005 U		2.7	44
95/09/20	1030	16.5	454.0	106	9.1	90.2	7.7	10.0	0.282	0.024	0.010 U	0.008		1.2	29

05A070 Stillaguamish R nr Silvana continued: more parameters.

Date	Time	NO2+NO3 Nitrog. (mg/L)	Chrom-ium (ug/L)	Copper (ug/L)	Lead (ug/L)	Zinc (ug/L)	Cadmium (ug/L)	Mercury (ug/L)	Cadmium Dissol. (ug/L)	Copper Dissol. (ug/L)	Lead Dissol (ug/L)	Nickle Dissol. (ug/L)	Zinc Dissol. (ug/L)	Arsenic Tot Rec (ug/L)
94/10/19	1140	0.182												
94/11/16	1300	0.419	5.00 U						0.040 U	0.879				30.000 U
94/12/21	1105	0.330												
95/01/18	1130	0.310	16.00 P	18.0 P	20.0 U	20.0 P	3.00 U	0.0129 N	0.020 U	0.832	0.034 P	1.480	0.400 U	30.000 U
95/02/22	1045	0.236												
95/03/22	1040	0.294	5.00 U					0.0020 P	0.030 U	0.790	0.020 U	1.620	0.400 U	30.000 U
95/04/19	1030	0.238												
95/05/17	0930	0.109												
95/06/21	1045	0.129												
95/07/19	1030	0.169												
95/08/23	1040	0.144												
95/09/20	1030	0.101												

Remarks: U,K - Below reporting limit; B - analyte in blank; X - background organisms; J - Estimate; S - Spreader colonies, P - below quantitation limit.

Station No.: 05A090 SF STILLAGUAMISH @ ARLINGTON Water Class: A Latitude: 48 12 03.0
Water Body No.: WA-05-1040 River Mile: 18.20 Longitude: 122 07 04.0

Date	Time	Temp (C)	Flow (CFS)	Conduc-tivity (umhos)	Oxygen (mg/L)	Oxygen Satur. (%)	pH (units)	Suspend Solids (mg/L)	TPN (mg/L)	NH3+NH4 Nitrog. (mg/L)	Total Phosph. (mg/L)	Dissol. Ortho P (mg/L)	Turbid-ity (NTU)	Fecal Colif. (#/100ml)	NO2+NO3 Nitrog. (mg/L)
94/10/18	0905	9.2	125.0	60	11.0	94.9	7.4	2.0	0.202	0.010 U	0.010 K	0.010 K	1.8	9	0.163
94/11/15	0950	5.6	1608.0	34	12.2	97.3	7.1	30.0	0.310	0.018	0.024	0.011	25.0	10	0.244
94/12/20	0855	5.6	9500.0 J	20	13.4	106.9	7.0	822.0	0.234	0.010 U	0.658	0.006	450.0		0.155
95/01/17	0900	4.4	2210.0	38			7.2	34.0	0.404	0.010 U	0.042	0.005 U	33.0	270	0.320
95/02/21	0850	5.6	8568.0	27	12.7	99.5		127.0	0.233	0.010 U	0.054	0.005 U	80.0	11	0.143
95/03/21	0825	5.8	2752.0	34	11.9	96.6	7.4	22.0	0.343	0.010 U	0.017	0.005 U	20.0	15	0.251
95/04/18	0810	6.1	1728.0	44	12.2	97.7	7.5	39.0	0.264	0.010 U	0.056	0.005 U	33.0	21	0.219
95/05/16	0730	11.6	1476.0	37	10.5	96.5	7.2	10.0	0.158	0.010 U	0.010 U	0.005 U	8.6	6	0.083
95/06/20	0820	11.3	716.0	46	10.6	95.6	7.5	12.0	0.162	0.010 U	0.019	0.005 U	7.5	40	0.099
95/07/18	0820	20.6	275.0	72	8.3	90.3	7.4	3.0	0.668	0.010 U	0.010 U	0.005 U	1.6	66	0.150
95/08/22	0815	14.4	708.0	55	9.9	94.2	7.4	5.0	0.170	0.010 U	0.010 U	0.005 U	6.3	36	0.147
95/09/19	0810	15.8	192.0	88	9.1	89.1	7.6	2.0	0.205	0.010 U	0.010 U	0.005 U	0.9	24	0.132

Remarks: U,K - Below reporting limit; B - analyte in blank; X - background organisms; J - Estimate; S - Spreader colonies, P - below quantitation limit.

Station No.: 05A110 SF STILLY NR GRANITE FALLS Water Class: AA Latitude: 48 06 12.0

Water Body No.: WA-05-1050 River Mile: 34.60 Longitude: 121 57 07.0

Date	Time	Temp (C)	Flow (CFS)	Conduc-tivity (umhos)	Oxygen (mg/L)	Oxygen Satur. (%)	pH (units)	Suspend Solids (mg/L)	TPN (mg/L)	NH3+NH4 Nitrog. (mg/L)	Total Phosph. (mg/L)	Dissol. Ortho P (mg/L)	Turbid-ity (NTU)	Fecal Colif. (#/100ml)	NO2+NO3 Nitrog. (mg/L)
94/10/18	0810	8.7		51	11.5	99.2	7.0	5.0	0.137	0.010 U	0.010 K	0.010 K	4.6	5	0.098
94/11/15	0835	5.2		31	12.8	102.1	7.0	137.0	0.213	0.010	0.048 J	0.010	28.0	9	0.161
94/12/20	0800	4.3		17	14.2	110.6	7.2	898.0	0.156	0.010 U	0.571 J	0.005	600.0		0.090
95/01/17	0805	3.7		32			7.3	53.0	0.189	0.010 U	0.056	0.005 U	40.0	4	0.127
95/02/21	0800	5.5		22	13.2	104.5		104.0	0.118	0.010 U	0.091	0.005 U	70.0	3	0.058
95/03/21	0725	5.0		28	12.4	99.7	7.4	72.0	0.164	0.011	0.051	0.005 U	50.0	1 U	0.085
95/04/18	0715	5.3		38	12.6	100.0	7.1	598.0	0.140	0.010 U	0.535	0.007	550.0	9	0.071
95/05/16	0630	10.1		29	11.0	98.7	6.9	15.0	0.113	0.010 U	0.011	0.005 U	10.0	1	0.022
95/06/20	0725	10.1		37	11.1	98.7	7.3	24.0	0.108	0.010 U	0.026	0.005 U	18.0	27	0.034
95/07/18	0730	20.0		56	8.9	96.8	6.9	2.0	0.069	0.010 U	0.010 U	0.005 U	1.9	31	0.027
95/08/22	0720	13.8		47	10.5	99.7	7.1	9.0	0.149	0.010 U	0.010 U	0.005 U	7.2	14	0.065
95/09/19	0720	14.8		74	10.1	97.7	7.5	5.0	0.049	0.010 U	0.010 U	0.005 U	7.8	19	0.010 U

Remarks: U,K - Below reporting limit; B - analyte in blank; X - background organisms; J - Estimate; S - Spreader colonies, P - below quantitation limit.

Station No.: 05B070 NF STILLAGUAMISH @ CICERO Water Class: A Latitude: 48 16 05.0

Water Body No.: WA-05-1020 River Mile: 9.50 Longitude: 122 00 44.0

Date	Time	Temp (C)	Flow (CFS)	Conduc-tivity (umhos)	Oxygen (mg/L)	Oxygen Satur. (%)	pH (units)	Suspend Solids (mg/L)	TPN (mg/L)	NH3+NH4 Nitrog. (mg/L)	Total Phosph. (mg/L)	Dissol. Ortho P (mg/L)	Turbid-ity (NTU)	Fecal Colif. (#/100ml)	NO2+NO3 Nitrog. (mg/L)
94/10/18	0930	8.9	371.0	81	11.2	96.2	7.5	9.0	0.217	0.010 U	0.010 K	0.010 K	1.5	27	0.169
94/11/15	1045	5.7	2200.0	44	12.0	96.2	7.2	28.0	0.419	0.010 U	0.021	0.011	18.0	51	0.323
94/12/20	0925	4.7	23500.0	23	13.0	101.5	7.0	1400.0	0.260	0.010 U	0.665	0.005	700.0		0.165
95/01/17	0930	4.2	2150.0	44			7.3	25.0	0.349	0.022	0.044	0.005 U	21.0	17	0.250
95/02/21	0920	5.2	6460.0	31	12.4	96.4		204.0	0.212	0.011	0.054	0.005 U	130.0	12	0.129
95/03/21	0850	5.3	2580.0	36	12.0	96.2	7.4	40.0	0.242	0.010 U	0.027	0.005	24.0	19 S	0.161
95/04/18	0840	5.7	1480.0	49	12.2	96.8	7.5	32.0	0.221	0.010 U	0.057	0.005	23.0	31	0.152
95/05/16	0815	10.4	1310.0	42	10.6	94.9	7.3	14.0	0.140	0.010 U	0.010 U	0.005 U	8.8	15	0.045
95/06/20	0850	10.9	580.0	64	10.8	96.8	7.7	4.0	0.149	0.010 U	0.016	0.005	1.6	34	0.075
95/07/18	0850	17.8	379.0	84	9.4	97.1	7.6	4.0	0.121	0.010 U	0.010 U	0.005 U	0.8	50	0.061
95/08/22	0840	13.6	618.0	71	10.4	97.5	7.5	3.0	0.121	0.010 U	0.010 U	0.005 U	2.5	20	0.093
95/09/19	0835	14.5	233.0	104	9.7	92.6	7.8	6.0	0.105	0.010 U	0.010 U	0.005 U	0.9	70 X	0.050

Remarks: U,K - Below reporting limit; B - analyte in blank; X - background organisms; J - Estimate; S - Spreader colonies, P - below quantitation limit.

Station No.: 05B110 NF STILLAGUAMISH NR DARRINGTON Water Class: A Latitude: 48 16 48.0

Water Body No.: WA-05-1020 River Mile: 30.00 Longitude: 121 42 04.0

Date	Time	Temp (C)	Flow (CFS)	Conduc-tivity (umhos)	Oxygen (mg/L)	Oxygen Satur. (%)	pH (units)	Suspend Solids (mg/L)	TPN (mg/L)	NH3+NH4 Nitrog. (mg/L)	Total Phosph. (mg/L)	Dissol. Ortho P (mg/L)	Turbid-ity (NTU)	Fecal Colif. (#/100ml)	NO2+NO3 Nitrog. (mg/L)
94/10/18	1005	8.2	70.0	68	11.1	95.4	7.5	4.0	0.159	0.010 U	0.010 K	0.010 K	0.5 K	11	0.125
94/11/15	1210	5.5	580.0	40	12.0	96.7	7.1	4.0	0.302	0.010 U	0.010 U	0.010	3.3	3	0.236
94/12/20	1010	4.1	18000.0 J	18	13.2	102.4	6.8	695.0	0.403	0.010 U	0.251	0.005 U	360.0		0.147
95/01/17	1000	4.0	620.0	38			7.0	2.0	0.286	0.010 U	0.022	0.005 U	3.1	2	0.200
95/02/21	1000	4.6	2300.0	29	12.6	97.6		60.0	0.163	0.010 U	0.031	0.005 U	31.0	2	0.110
95/03/21	0920	4.7	900.0	30	12.1	96.7	7.2	6.0	0.175	0.010 U	0.010 U	0.005 U	5.0	5	0.109
95/04/18	0920	5.4	405.0	41	12.5	99.5	7.6	1.0	0.117	0.010 U	0.013	0.005 U	1.0	6	0.104
95/05/16	0910	8.6	530.0	29	11.3	98.0	7.4	2.0	0.108	0.010 U	0.010 U	0.005 U	1.6	5	0.036
95/06/20	0925	9.6	223.0	41	11.0	96.9	8.0	2.0	0.125	0.010 U	0.012	0.005 U	0.5 U	44	0.069
95/07/18	0925	13.8	107.0	58	9.9	95.3	7.6	1.0	0.138	0.010 U	0.010 U	0.005 U	0.5 U	33	0.101
95/08/22	0920	11.3	165.0	54	10.6	95.6	7.5	5.0	0.116	0.010 U	0.010 U	0.005 U	0.5 U	18	0.091
95/09/19	0905	12.7	70.0	91	9.9	91.8	7.7	4.0	0.178	0.010 U	0.010 U	0.005 U	0.5 U	6	0.110

Remarks: U,K - Below reporting limit; B - analyte in blank; X - background organisms; J - Estimate; S - Spreader colonies, P - below quantitation limit.

Station No.: 07A090 SNOHOMISH R @ SNOHOMISH Water Class: A Latitude: 47 54 38.0

Water Body No.: WA-07-1020 River Mile: 12.70 Longitude: 122 05 52.0

Date	Time	Temp (C)	Flow (CFS)	Conduc-tivity (umhos)	Oxygen (mg/L)	Oxygen Satur. (%)	pH (units)	Suspend Solids (mg/L)	TPN (mg/L)	NH3+NH4 Nitrog. (mg/L)	Total Phosph. (mg/L)	Dissol. Ortho P (mg/L)	Turbid-ity (NTU)	Fecal Colif. (#/100ml)	NO2+NO3 Nitrog. (mg/L)
94/10/17	1315	10.6	2029.0	56	10.9	97.1	7.4	2.0	0.217	0.010 U	0.028	0.010 K	1.2	35	0.148
94/11/14	1540	6.9	7160.0	47	11.9	97.2	7.0	4.0	0.532	0.011	0.010 U	0.011	2.5	26	0.446
94/12/19	1230	5.0	21110.0	32	12.6	99.3	7.1	23.0	0.572	0.010 U	0.020	0.005 U	15.0	28 S	0.481
95/01/16	1305	5.1	9506.0	41			7.1	9.0	0.610	0.020	0.027	0.007	5.7	100 S	0.453
95/02/20	1235	5.5	53230.0	24	12.8	100.5	6.6	121.0	0.318	0.023	0.105	0.006	90.0	170 S	0.181
95/03/20	1425	7.1	14250.0	32	11.7	98.5	7.0	13.0	0.421	0.016	0.020	0.005 U	11.0	140 S	0.272
95/04/17	1305	8.0	7535.0	43	11.6	97.9	7.2	6.0	0.351	0.011	0.026	0.005	3.3	5	0.286
95/05/15	1405	11.8	12043.0	31	10.8	100.0	7.2	12.0	0.153	0.018 U	0.010 U	0.005 U	5.2	51	0.099
95/06/19	1305	11.7	7164.0	35	10.6	96.7	7.0	4.0	0.189	0.010	0.014	0.005	2.2	190 J	0.104
95/07/17	1320	19.2	3294.0	49	9.7	102.5	7.2	3.0	0.170	0.010 U	0.010 U	0.005 U	1.5	32	0.117
95/08/21	1245	16.5	3750.0	47	9.8	98.1	7.3	5.0	0.175	0.010 U	0.010 U	0.005 U	2.1	71	0.131
95/09/18	1250	17.0	1759.0	64	9.0	90.4	7.2	3.0	0.237	0.018	0.010 U	0.005 U	0.9	45	0.145

Remarks: U,K - Below reporting limit; B - analyte in blank; X - background organisms; J - Estimate; S - Spreader colonies, P - below quantitation limit.

Station No.: 07C070 SKYKOMISH R @ MONROE Water Class: A Latitude: 47 51 08.0
Water Body No.: WA-07-1160 River Mile: 25.60 Longitude: 121 57 29.0

Date	Time	Temp (C)	Flow (CFS)	Conduc-tivity (umhos)	Oxygen (mg/L)	Oxygen Satur. (%)	pH (units)	Suspend Solids (mg/L)	TPN (mg/L)	NH3+NH4 Nitrog. (mg/L)	Total Phosph. (mg/L)	Dissol. Ortho P (mg/L)	Turbid-ity (NTU)	Fecal Colif. (#/100ml)	NO2+NO3 Nitrog. (mg/L)
94/10/17	1230	10.4	1304.0	44	11.3	100.3	7.5	1.0	0.116	0.010 U	0.010 K	0.010 K	0.7	12	0.080
94/11/14	1450	6.7	4347.0	37	12.0	97.3	7.2	4.0	0.312	0.010 U	0.010 U	0.010 K	2.4	6	0.259
94/12/19	1200	4.9	11834.0	28	12.7	99.7	7.3	14.0	0.287	0.010 U	0.010 U	0.005 U	9.1	10	0.255
95/01/16	1215	4.3	5014.0	33			7.2	4.0	0.285	0.010 U	0.026	0.005 U	3.0	4	0.216
95/03/20	1345	7.0	7080.0	26	12.1	101.6	7.0	8.0	0.212	0.010 U	0.010 U	0.005 U	7.0	17	0.122
95/04/17	1230	6.9	3734.0	35	12.2	100.2	7.3	2.0	0.141	0.010 U	0.012	0.005 U	2.3	2	0.128
95/05/15	1255	9.7	6960.0	24	11.6	102.6	7.3	13.0	0.081	0.010 U	0.010 U	0.005 U	8.5	6	0.031
95/06/19	1215	10.2	4000.0	28	11.2	98.9	7.2	2.0	0.086	0.010 U	0.010 U	0.005 U	2.0	4	0.035
95/07/17	1230	18.0	1890.0	38	10.2	105.5	7.2	2.0	0.066	0.010 U	0.010 U	0.005 U	1.7	1	0.030
95/08/21	1210	15.0	2120.0	40	10.5	101.8	7.4	2.0	0.117	0.010 U	0.010 U	0.005 U	1.1	8	0.075
95/09/18	1155	15.9	1300.0	47	10.3	101.2	7.5	1.0	0.125	0.010 U	0.010 U	0.005 U	0.8	12	0.076

Remarks: U,K - Below reporting limit; B - analyte in blank; X - background organisms; J - Estimate; S - Spreader colonies, P - below quantitation limit.

Station No.: 07D050 SNOQUALMIE R NR MONROE Water Class: A Latitude: 47 48 14.0

Water Body No.: WA-07-1060 River Mile: 2.70 Longitude: 122 00 06.0

Date	Time	Temp (C)	Flow (CFS)	Conduc-tivity (umhos)	Oxygen (mg/L)	Oxygen Satur. (%)	pH (units)	Suspend Solids (mg/L)	TPN (mg/L)	NH3+NH4 Nitrog. (mg/L)	Total Phosph. (mg/L)	Dissol. Ortho P (mg/L)	Turbid-ity (NTU)	Fecal Colif. (#/100ml)	NO2+NO3 Nitrog. (mg/L)
94/10/17	1145	10.6	649.0	65	10.8	94.5	7.5	3.0	0.239	0.010 U	0.010 K	0.010 K	1.2	110	0.186
94/11/14	1345	6.8	2502.0	48	11.7	95.4	7.0	5.0	0.499	0.010 U	0.010 U	0.012	2.8	54	0.433
94/12/19	1125	5.1	9420.0	33	12.6	99.6	7.2	25.0	0.652	0.010 U	0.010 U	0.005	14.0	63 S	0.543
95/01/16	1155	5.3	3715.0	43			7.2	12.0	0.677	0.035	0.028	0.006	5.9	95 S	0.509
95/02/20	1145	5.6	35939.0	23	12.4	97.8	6.5	150.0	0.475	0.030	0.136	0.017	100.0	470	0.237
95/03/20	1250	7.1	5917.0	34	11.6	97.7	7.0	15.0	0.664	0.031	0.021	0.009	8.5	400 S	0.328
95/04/17	1140	8.3	3523.0	46	11.4	96.9	7.1	6.0	0.452	0.014	0.033	0.007	3.4	3	0.354
95/05/15	1220	12.3	4118.0	35	10.4	97.4	7.1	6.0	0.264	0.010 U	0.010 U	0.005 U	2.7	27	0.153
95/06/19	1135	12.2	2900.0	40	10.2	94.2	7.1	6.0	0.254	0.021	0.024	0.006	3.2	520 J	0.156
95/07/17	1150	19.2	1290.0	58	9.2	97.1	7.8	4.0	0.268	0.010 U	0.010 U	0.005 U	1.9	44	0.187
95/08/21	1120	16.7	1430.0	49	9.6	96.4	7.4	3.0	0.224	0.010 U	0.010 U	0.005 U	1.6	140	0.149
95/09/18	1110	17.3	657.0	73	9.6	97.0	7.3	2.0	0.220	0.010 U	0.010 U	0.005 U	1.0	59	0.151

Remarks: U,K - Below reporting limit; B - analyte in blank; X - background organisms; J - Estimate; S - Spreader colonies, P - below quantitation limit.

Station No.: 07D130 SNOQUALMIE R @ SNOQUALMIE Water Class: A Latitude: 47 31 40.0

Water Body No.: WA-07-1100 River Mile: 42.30 Longitude: 121 48 40.0

Date	Time	Temp (C)	Flow (CFS)	Conduc-tivity (umhos)	Oxygen (mg/L)	Oxygen Satur. (%)	pH (units)	Suspend Solids (mg/L)	TPN (mg/L)	NH3+NH4 Nitrog. (mg/L)	Total Phosph. (mg/L)	Dissol. Ortho P (mg/L)	Turbid-ity (NTU)	Fecal Colif. (#/100ml)	NO2+NO3 Nitrog. (mg/L)
94/10/17	1030	8.4	460.0	51	10.5	90.1	7.4	2.0	0.220	0.010 U	0.010 K	0.010 K	0.6	38	0.191
94/11/14	1230	6.5	1780.0	36	11.9	97.5	7.4	3.0	0.343	0.010 U	0.010 U	0.010 K	1.9	5	0.305
94/12/19	1025	4.5	5340.0	25	12.6	99.4	7.4	18.0	0.315	0.010 U	0.010 U	0.005 U	10.0	19 S	0.271
95/01/16	1055	4.7	2380.0	32	12.3	96.1	7.1	4.0	0.334	0.010 U	0.018	0.005 U	3.3	3	0.280
95/02/20	1035	4.7	16900.0	19	12.8	100.0	7.0	109.0	0.279	0.014	0.076	0.005 U	35.0	32	0.166
95/03/20	1150	5.9	3640.0	25	11.8	98.0	7.1	6.0	0.260	0.010 U	0.010 U	0.005 U	5.9	2	0.195
95/04/17	1035	6.5	2140.0	35	11.9	98.0	7.5	3.0	0.265	0.010 U	0.187	0.005 U	2.2	5	0.223
95/05/15	1100	9.4	3720.0	23	11.1	98.7	7.7	7.0	0.159	0.010 U	0.010 U	0.005 U	3.4	36	0.084
95/06/19	1030	10.0	2280.0	28	10.9	97.1	7.5	4.0	0.155	0.010 U	0.011	0.005 U	1.5	23	0.093
95/07/17	1050	16.0	947.0	44	9.4	94.3	7.9	3.0	0.187	0.010 U	0.010 U	0.005 U	1.0	28	0.137
95/08/21	1015	13.7	947.0	43	9.8	93.4	7.5	2.0	0.148	0.010 U	0.010 U	0.005 U	0.9	14	0.133
95/09/18	1010	14.0	412.0	60	9.3	88.6	7.3	3.0	0.259	0.010 U	0.010 U	0.005 U	0.9	69	0.194

Remarks: U,K - Below reporting limit; B - analyte in blank; X - background organisms; J - Estimate; S - Spreader colonies, P - below quantitation limit.

Station No.: 08C070 CEDAR R @ LOGAN ST/RENTON Water Class: A Latitude: 47 29 09.0

Water Body No.: WA-08-1140 River Mile: 1.00 Longitude: 122 12 28.0

Date	Time	Temp (C)	Flow (CFS)	Conductivity (umhos)	Oxygen (mg/L)	Oxygen Satur. (%)	pH (units)	Suspend Solids (mg/L)	TPN (mg/L)	NH3+NH4 Nitrog. (mg/L)	Total Phosph. (mg/L)	Dissol. Ortho P (mg/L)	Turbidity (NTU)	Fecal Colif. (#/100ml)	NO2+NO3 Nitrog. (mg/L)
94/10/19	1325	11.0	332.0	66	11.8	106.2	7.7	4.0	0.165	0.010 U	0.010 K	0.010 K	1.4	120	0.132
94/11/16	1510	6.9	420.0	65	12.0	100.0	7.5	5.0	0.396	0.010 U	0.010 U	0.010 K	2.5	29	0.304
94/12/21	1245	6.1	2430.0	44	12.1	97.0	7.2	77.0	0.672	0.010 U	0.076	0.005	31.0	28	0.556
95/01/18	1320	7.2	616.0	66			7.4	4.0	0.608	0.010 U	0.052	0.008	2.3	47	0.524
95/02/22	1225	5.4	2710.0	41	12.6	98.1		48.0	0.411	0.010 U	0.031	0.005 U	21.0	4	0.326
95/03/22	1225	6.7	824.0	58	11.9	98.5	7.3	2.0	0.425	0.010 U	0.026	0.005 U	1.2	17 S	0.371
95/04/19	1200	8.8	375.0	75	13.0	111.8	7.9	3.0	0.303	0.010 U	0.022	0.006	0.6	6	0.227
95/05/17	1100	10.9	392.0	75	11.4	101.9	7.6	5.0	0.321	0.010 U	0.010 U	0.005 U	1.2	62 X	0.255
95/06/21	1215	12.5	240.0	83	11.4	105.5	7.6	3.0	0.336	0.010 U	0.021	0.007	0.7	92	0.256
95/07/19	1200	18.6	141.0	97	10.0	104.7	7.7	1.0	0.341	0.038	0.010 U	0.005 U	1.3	140	0.213
95/08/23	1235	15.1	133.0	107	11.9	115.4	8.2	4.0	0.239	0.010 U	0.010 U	0.005 U	0.9	230	0.180
95/09/20	1155	13.6	197.0	93	11.5	107.4	8.1	3.0	0.283	0.021	0.010 U	0.011	0.8	220	0.173

Remarks: U,K - Below reporting limit; B - analyte in blank; X - background organisms; J - Estimate; S - Spreader colonies, P - below quantitation limit.

Station No.: 08C110 CEDAR R NR LANDSBURG Water Class: AA Latitude: 47 23 28.0
Water Body No.: WA-08-1150 River Mile: 25.10 Longitude: 121 55 08.0

Date	Time	Temp (C)	Flow (CFS)	Conduc-tivity (umhos)	Oxygen (mg/L)	Oxygen Satur. (%)	pH (units)	Suspend Solids (mg/L)	TPN (mg/L)	NH3+NH4 Nitrog. (mg/L)	Total Phosph. (mg/L)	Dissol. Ortho P (mg/L)	Turbid-ity (NTU)	Fecal Colif. (#/100ml)	NO2+NO3 Nitrog. (mg/L)
94/10/17	0930	9.7	343.0	54	10.9	97.1	7.5	1.0 K	0.140	0.010 U	0.010 K	0.010 K	0.5 K	1 K	0.129
94/11/14	1130	7.9	447.0	51	11.6	98.9	7.6	6.0	0.220	0.010 U	0.010 U	0.012	0.6	3	0.192
94/12/19	0930	5.4	905.0	41	12.2	99.1	7.6	3.0	0.306	0.010 U	0.010 U	0.005 U	1.7	1	0.258
95/01/16	1000	6.9	481.0	55	11.8	98.2	7.3	1.0	0.261	0.010 U	0.018	0.005 U	0.6	2	0.227
95/02/20	0935	5.3	2090.0	37	12.4	98.8	7.3	31.0	0.301	0.010 U	0.010 U	0.005 U	9.9	1	0.217
95/03/20	1100	7.2	857.0	43	11.5	99.2	7.4	1.0 U	0.305	0.010 U	0.010 U	0.005 U	0.8	1 U	0.178
95/04/17	0935	8.0	401.0	62	11.6	99.8	7.3	1.0 U	0.206	0.010 U	0.014	0.005 U	0.5 U	3	0.204
95/05/15	0930	9.6	424.0	63	10.8	97.0	7.6	2.0	0.214	0.010 U	0.010 U	0.005 U	0.5 U	2	0.173
95/06/19	0930	10.1	354.0	67	10.8	97.2	7.6	1.0 U	0.261	0.010 U	0.013	0.005 U	0.5 U	4	0.194
95/07/17	0950	11.4	319.0	71	10.7	97.9	7.9	1.0 U	0.226	0.010 U	0.010 U	0.005 U	0.5 U	2	0.185
95/08/21	0925	10.6	279.0	75	10.9	97.9	7.7	1.0 U	0.203	0.010 U	0.010 U	0.005 U	0.5 U	3	0.203
95/09/18	0910	10.8	242.0	72	10.9	97.6	7.6	1.0 U	0.218	0.010 U	0.010 U	0.005 U	0.5 U	6	0.202

Remarks: U,K - Below reporting limit; B - analyte in blank; X - background organisms; J - Estimate; S - Spreader colonies, P - below quantitation limit.

Station No.: 09A080 GREEN R @ TUKWILA Water Class: A Latitude: 47 27 52.0

Water Body No.: River Mile: 12.40 Longitude: 122 14 49.0

Date	Time	Temp (C)	Flow (CFS)	Conduc-tivity (umhos)	Oxygen (mg/L)	Oxygen Satur. (%)	pH (units)	Suspend Solids (mg/L)	TPN (mg/L)	NH3+NH4 Nitrog. (mg/L)	Total Phosph. (mg/L)	Dissol. Ortho P (mg/L)	Turbid-ity (NTU)	Fecal Colif. (#/100ml)	NO2+NO3 Nitrog. (mg/L)
94/10/19	1405	11.2	247.0	132	10.4	94.0	7.4	10.0	0.382	0.010 U	0.025	0.016	2.6	31	0.299
94/11/16	1535	7.0	944.0	69	11.2	93.2	7.3	5.0	0.456	0.028	0.017	0.010 K	3.7	49 S	0.372
94/12/21	1315	6.2	5100.0	53	11.8	94.8	7.3	58.0	0.827	0.013	0.129	0.032	36.0	470	0.637
95/01/18	1345	6.2	1500.0	78	11.4	92.0	7.3	9.0	0.794	0.010 U	0.064	0.024	3.7	23 S	0.633
95/02/22	1310	6.2	6080.0	48	11.6	92.3		61.0	0.651	0.019	0.109	0.036	39.0	140 S	0.440
95/03/22	1300	6.6	1910.0	77	11.1	91.7	7.2	9.0	0.718	0.061	0.039	0.012	4.3	610 S	0.487
95/04/19	1230	9.1	885.0	115	10.3	89.3	7.5	8.0	0.553	0.029	0.062	0.010	2.4	51 S	0.406
95/05/17	1140	11.6	872.0	95	9.6	87.2	7.4	7.0	0.489	0.012	0.017	0.011	2.3	31	0.324
95/06/21	1245	13.9	429.0	138	9.4	89.7	7.2	6.0	0.617	0.027	0.046	0.020	3.0	31	0.394
95/07/19	1230	22.4	247.0	187	7.6	85.8	7.2	1.0	0.596	0.070	0.048	0.028	2.2	84	0.388
95/08/23	1310	18.1	270.0	163	9.0	92.9	7.4	5.0	0.386	0.010 U	0.047	0.018	2.9	210	0.209
95/09/20	1225	16.6	224.0	161	8.8	87.6	7.4	8.0	0.536	0.048	0.048	0.032	3.3	34	0.296

Remarks: U,K - Below reporting limit; B - analyte in blank; X - background organisms; J - Estimate; S - Spreader colonies, P - below quantitation limit.

Station No.: 09A190 GREEN R @ KANASKAT Water Class: AA Latitude: 47 19 10.0

Water Body No.: WA-09-1030 River Mile: 57.60 Longitude: 121 53 33.0

Date	Time	Temp (C)	Flow (CFS)	Conduc-tivity (umhos)	Oxygen (mg/L)	Oxygen Satur. (%)	pH (units)	Suspend Solids (mg/L)	TPN (mg/L)	NH3+NH4 Nitrog. (mg/L)	Total Phosph. (mg/L)	Dissol. Ortho P (mg/L)	Turbid-ity (NTU)	Fecal Colif. (#/100ml)	NO2+NO3 Nitrog. (mg/L)
94/10/17	0845	10.8	152.0	55	10.7	98.4	7.6	3.0	0.094	0.010 U	0.010 K	0.010 K	0.9	13	0.035
94/11/14	1030	6.2	485.0	47	12.1	99.4	7.7	2.0	0.282	0.010 U	0.010 U	0.013	1.0	7	0.248
94/12/19	0850	4.8	2270.0	38	12.6	101.5	7.6	9.0	0.290	0.010 U	0.010 U	0.007	5.4	7	0.262
95/01/16	0915	4.7	593.0	42	12.4	98.3	7.5	1.0 U	0.263	0.010 U	0.022	0.006	0.7	6	0.219
95/02/20	0850	5.2	6890.0	30	13.0	104.1	7.3	112.0	0.330	0.012	0.010 U	0.010	90.0	9	0.184
95/03/20	1020	6.4	1200.0	35	11.9	101.1	7.4	2.0	0.174	0.010 U	0.010 U	0.005 U	2.0	2	0.113
95/04/17	0850	6.9	637.0	40	12.0	101.4	7.5	1.0	0.072	0.010 U	0.018	0.005 U	0.5	4	0.057
95/05/15	0820	8.9	602.0	39	11.0	97.8	7.6	4.0	0.101	0.010 U	0.010 U	0.005 U	1.6	2	0.027
95/06/19	0845	12.0	222.0	50	10.3	97.3	7.7	3.0	0.186	0.030	0.023	0.005 U	0.8	17	0.070
95/07/17	0900	14.1	148.0	56	10.0	97.7	7.8	1.0	0.152	0.010 U	0.010 U	0.005 U	0.6	22	0.080
95/08/21	0840	14.2	175.0	60	10.0	97.9	7.6	7.0	0.138	0.010 U	0.010 U	0.005 U	1.0	18	0.071
95/09/18	0830	15.3	171.0	57	9.9	98.5	7.7	7.0	0.147	0.010 U	0.010 U	0.005 U	2.5	8	0.074

Remarks: U,K - Below reporting limit; B - analyte in blank; X - background organisms; J - Estimate; S - Spreader colonies, P - below quantitation limit.

Station No.: 10A070 PUYALLUP R @ MERIDIAN ST Water Class: A Latitude: 47 12 10.0
Water Body No.: WA-10-1020 River Mile: 8.30 Longitude: 122 17 33.0

Date	Time	Temp (C)	Flow (CFS)	Conduc-tivity (umhos)	Oxygen (mg/L)	Oxygen Satur. (%)	pH (units)	Suspend Solids (mg/L)	TPN (mg/L)	NH3+NH4 Nitrog. (mg/L)	Total Phosph. (mg/L)	Dissol. Ortho P (mg/L)	Hardnes (mg/L)	Turbid-ity (NTU)	Fecal Colif. (#/100ml)
94/10/17	0740	8.6	433.0	98	10.9	92.4	7.4	5.0	0.207	0.010 U	0.047	0.025		6.6	88
94/11/14	0830	7.1	2630.0	70	11.1	90.6	7.3	26.0	0.297	0.026	0.037 J	0.018	28	12.0	37
94/12/19	0750	5.2	4790.0	62	11.9	94.1	7.8	28.0	0.639	0.010 U	0.039	0.016		9.0	100
95/01/16	0750	4.7	3750.0	67			7.7	12.0	0.591	0.019	0.052	0.017	26	6.0	200 S
95/02/20	0750	6.4	16100.0	55	11.7	93.8	7.4	365.0	0.713	0.045	0.099	0.024		150.0	490 S
95/03/20	0740	7.3	4150.0	64	11.1	93.7	7.5	25.0	0.489	0.010 U	0.038	0.016	28	7.4	180 S
95/04/17	0750	8.5	1830.0	84	10.4	88.7	7.0	4.0	0.322	0.015	0.042	0.013		3.1	96
95/05/15	0705	12.9	2060.0	69	9.5	89.9	7.2	7.0	0.335	0.027	0.010 U	0.009		2.7	63
95/06/19	0735	12.6	3070.0	58	10.0	93.1	7.7	17.0	0.199	0.023	0.037	0.009		11.0	74
95/07/17	0800	16.8	2420.0	63	9.1	91.3	7.1	24.0	0.118	0.015	0.041	0.012		23.0	130
95/08/21	0740	14.9	1310.0	80	9.6	92.6	6.9	40.0	0.176	0.010 U	0.081	0.017		27.0	88
95/09/18	0725	13.2	769.0	76	10.1	93.5	7.2	77.0	0.202	0.038	0.137	0.019		60.0	84

10A070 Puyallup R @ Meridian St continued: more parameters.

Date	Time	NO2+NO3 Nitrog. (mg/L)	Chrom-ium (ug/L)	Copper (ug/L)	Lead (ug/L)	Zinc (ug/L)	Cadmium (ug/L)	Mercury (ug/L)	Cadmium Dissol. (ug/L)	Copper Dissol. (ug/L)	Lead Dissol (ug/L)	Nickle Dissol. (ug/L)	Zinc Dissol. (ug/L)	Arsenic Tot Rec (ug/L)
94/10/17	0740	0.110												
94/11/14	0830	0.221	5.00 U					0.0020 P	0.040 U	0.865	0.208	1.000 U	2.400 P	30.000 U
94/12/19	0750	0.497												
95/01/16	0750	0.455	5.00 U	17.0 P	20.0 U	4.0 U	3.00 U	0.0010 U	0.020 U	0.855	0.022 P	0.280 P	0.440 P	30.000 U
95/02/20	0750	0.479												
95/03/20	0740	0.310	5.00 U					0.0010 P	0.034 P	1.550	0.052 P	0.524	1.600 P	30.000 U
95/04/17	0750	0.185												
95/05/15	0705	0.156												
95/06/19	0735	0.057												
95/07/17	0800	0.054												
95/08/21	0740	0.079												
95/09/18	0725	0.106												

Remarks: U,K - Below reporting limit; B - analyte in blank; X - background organisms; J - Estimate; S - Spreader colonies, P - below quantitation limit.

Station No.: 11A070 NISQUALLY R @ NISQUALLY Water Class: A Latitude: 47 03 43.0

Water Body No.: WA-11-1010 River Mile: 3.40 Longitude: 122 41 42.0

Date	Time	Temp (C)	Flow (CFS)	Conduc-tivity (umhos)	Oxygen (mg/L)	Oxygen Satur. (%)	pH (units)	Suspend Solids (mg/L)	TPN (mg/L)	NH3+NH4 Nitrog. (mg/L)	Total Phosph. (mg/L)	Dissol. Ortho P (mg/L)	Turbid-ity (NTU)	Fecal Colif. (#/100ml)	NO2+NO3 Nitrog. (mg/L)
94/10/19	1520	12.6	695.0	71	11.2	104.4	7.8	9.0	0.131	0.010 U	0.012	0.010 K	15.0	20	0.094
94/11/16	1650	7.9	1326.0	63	11.6	98.2	7.5	14.0	0.324	0.010 U	0.013	0.010 K	18.0	9	0.229
94/12/21	1445	6.2	14057.0	48	12.1	96.8	7.3	315.0	0.410	0.010 U	0.135	0.017	140.0	46 S	0.279
95/01/18	1525	5.9	2692.0	54			7.4	12.0	0.535	0.010 U	0.051	0.009	14.0	1	0.426
95/02/22	1430	6.7	3298.0	59	11.9	95.8		33.0	0.625	0.010 U	0.046	0.012	14.0	7 S	0.464
95/03/22	1405	7.0	2914.0	52	12.0	100.1	7.2	7.0	0.482	0.010 U	0.020	0.005 U	7.5	3	0.367
95/04/19	1520	8.6	1387.0	63	13.0	111.5	7.9	4.0	0.464	0.010 U	0.043	0.005	3.3	2	0.331
95/05/17	1305	10.8	1232.0	71	11.4	101.7	7.7	5.0	0.447	0.010 U	0.010 U	0.005 U	2.6	12	0.268
95/06/21	1400	12.4	1140.0	69	11.0	101.7	7.6	6.0	0.360	0.015	0.021	0.007	1.9	9	0.201
95/07/19	1335	17.0	958.0	75	10.0	101.4	7.7	4.0	0.266	0.013	0.012	0.006	2.1	7	0.165
95/08/23	1410	16.4	777.0	78	10.7	106.5	7.8	5.0	0.207	0.010 U	0.010 U	0.005 U	5.1	10	0.116
95/09/20	1345	15.5	744.0	74	10.4	101.2	7.8	7.0	0.258	0.019	0.020	0.012	20.0	5	0.130

Remarks: U,K - Below reporting limit; B - analyte in blank; X - background organisms; J - Estimate; S - Spreader colonies, P - below quantitation limit.

Station No.: 13A060 DESCHUTES R @ E ST BRIDGE Water Class: A Latitude: 47 00 43.0

Water Body No.: WA-13-1010 River Mile: 0.60 Longitude: 122 54 07.0

Date	Time	Temp (C)	Flow (CFS)	Conductivity (umhos)	Oxygen (mg/L)	Oxygen Satur. (%)	pH (units)	Suspend Solids (mg/L)	TPN (mg/L)	NH3+NH4 Nitrog. (mg/L)	Total Phosph. (mg/L)	Dissol. Ortho P (mg/L)	Turbidity (NTU)	Fecal Colif. (#/100ml)	NO2+NO3 Nitrog. (mg/L)
94/10/23	0745	9.7	78.0	123	10.0	87.0	7.6	4.0	0.657	0.010 K	0.037		2.3	82 S	0.580
94/11/27	0750	5.3	461.0	77	11.6	91.3	7.2		0.797	0.010 U	0.029	0.009	6.9	43	0.547
94/12/27	0740	8.2	1980.0	47	10.8	92.1	7.2	125.0	0.806 J		0.189 J	0.010	85.0		0.358
95/01/23	0830	4.9	444.0	86	11.7	91.1	7.2	6.0	0.714	0.023	0.016	0.015	4.3	93 S	0.623
95/02/26	0825	8.0	561.0	82	11.1	92.4	7.1	10.0	0.818	0.010 U	0.032	0.011	6.1	27 S	0.709
95/03/27	0740	6.6	477.0	82	8.9	71.2	7.0	5.0	0.773	0.010 U	0.014	0.006	3.8	45 S	0.644
95/04/24	0845	10.0	302.0	101	10.1	89.1	7.1	2.0	0.725	0.015	0.020	0.008	2.0	220 S	0.514
95/05/21	1035	13.5	220.0	112	9.9	94.4	7.6	2.0	0.823	0.010 U	0.010 U	0.009	1.5	18	0.680
95/06/26	0815	15.1	122.0	116	8.9	86.8	7.2	4.0	0.981	0.020	0.025	0.018	2.5	59	0.850
95/07/24	0705	15.3	90.0	121	9.1	89.4	7.1	4.0	1.000	0.024	0.017	0.009	2.3	78	0.801
95/08/28	0910	13.6	85.0	132	9.3	87.5	7.3	3.0	0.880	0.010 U	0.017	0.008	1.5	40	0.773
95/09/25	0935	12.8	56.0	146	9.1	84.2	7.1	4.0	1.190	0.103	0.030	0.011	3.5	210	0.907

Remarks: U,K - Below reporting limit; B - analyte in blank; X - background organisms; J - Estimate; S - Spreader colonies, P - below quantitation limit.

Station No.: 16A070 SKOKOMISH R NR POTLATCH Water Class: AA Latitude: 47 18 36.0
Water Body No.: WA-16-1010 River Mile: 5.30 Longitude: 123 10 33.0

Date	Time	Temp (C)	Flow (CFS)	Conduc-tivity (umhos)	Oxygen (mg/L)	Oxygen Satur. (%)	pH (units)	Suspend Solids (mg/L)	TPN (mg/L)	NH3+NH4 Nitrog. (mg/L)	Total Phosph. (mg/L)	Dissol. Ortho P (mg/L)	Turbid-ity (NTU)	Fecal Colif. (#/100ml)	NO2+NO3 Nitrog. (mg/L)
94/10/24	1110	8.8	257.0	71	10.3	87.6	7.4	2.0	0.103	0.076	0.023	0.006	0.5	20	0.085
94/11/28	1135	6.2	684.0	64	11.6	92.2	7.5	2.0	0.142	0.010 U	0.012	0.005 U	1.4	3	0.127
95/01/24	1055	5.8	1100.0	58	12.2	97.4	7.2	15.0	0.106	0.010 U	0.010 U	0.005 U	8.7	2	0.083
95/02/27	1130	6.2	1190.0	51	12.0	95.1	7.6	10.0	0.095	0.010 U	0.015	0.005	6.1	24	0.061
95/03/28	1100	7.2	1070.0	55	11.7	95.2	7.6	5.0	0.067	0.010 U	0.010 U	0.005 U	4.9	1 U	0.042
95/04/25	1150	9.2	768.0	63	11.3	97.5	7.8	2.0	0.024	0.010 U	0.021	0.005 U	1.4	1 U	0.022
95/05/22	1055	10.3	485.0	70	11.0	97.4	7.4	2.0	0.103	0.013	0.010 U	0.005 U	0.8	5	0.032
95/06/27	1120	12.0	313.0	68	10.5	95.9	7.5	2.0	0.082	0.010 U	0.010 U	0.005 U	0.7	7	0.032
95/07/25	0730	10.1	236.0	70	10.2	89.4	7.6	2.0	0.126	0.027	0.010 U	0.005	0.8	36	0.052
95/08/29	1030	10.6	208.0	76	10.0	87.6	7.6	1.0	0.085	0.010 U	0.010 U	0.005 U	0.5 U	19	0.047
95/09/26	1235	12.0	180.0	82	10.8	98.7	7.2	1.0	0.082	0.011	0.010 U	0.005 U	0.6	46	0.036

Remarks: U,K - Below reporting limit; B - analyte in blank; X - background organisms; J - Estimate; S - Spreader colonies, P - below quantitation limit.

Station No.: 16C090 DUCKABUSH R NR BRINNON Water Class: AA Latitude: 47 41 03.0

Water Body No.: WA-16-3010 River Mile: 4.50 Longitude: 123 00 37.0

Date	Time	Temp (C)	Flow (CFS)	Conduc-tivity (umhos)	Oxygen (mg/L)	Oxygen Satur. (%)	pH (units)	Suspend Solids (mg/L)	TPN (mg/L)	NH3+NH4 Nitrog. (mg/L)	Total Phosph. (mg/L)	Dissol. Ortho P (mg/L)	Turbid-ity (NTU)	Fecal Colif. (#/100ml)	NO2+NO3 Nitrog. (mg/L)
94/10/24	1000	6.9	83.0	83	12.1	99.1	8.0	1.0 K	0.046	0.028	0.013	0.005 K	0.5 K	13	0.024
94/11/28	1030	5.0	160.0	78	13.0	101.0	7.7	12.0	0.038	0.010 U	0.010 U	0.005 U	0.5 U	1 U	0.047
94/12/28	0950	5.0		46	13.2	103.1	7.2	31.0	0.054	0.010 U	0.026	0.005 U	27.0	2 U	0.027
95/01/24	0950	4.6		78	12.7	99.0	8.0	1.0 U	0.042	0.010 U	0.013	0.005 U	0.8	1 U	0.024
95/02/27	1015	3.9		64	13.1	98.6	7.9	2.0	0.046	0.010 U	0.010 U	0.005 U	1.5	3	0.013
95/03/28	0945	4.6		71	12.8	98.3	7.8	1.0 U	0.010 U	0.010 U	0.010 U	0.005 U	0.5	1 U	0.010 U
95/04/25	1015	5.8		71	12.0	96.1	7.9	1.0 U	0.010 U	0.010 U	0.010 U	0.005 U	0.6	1 U	0.010 U
95/05/22	0950	6.3		59	12.5	101.4	7.6	2.0	0.058	0.010 U	0.010 U	0.005 U	1.7	2	0.010 U
95/06/27	1010	8.1		53	12.0	100.9	7.8	1.0 U	0.044	0.010 U	0.010 U	0.005 U	2.0	2	0.010 U
95/07/25	0610	10.6		66	11.3	101.2	6.9	2.0	0.069	0.012	0.010 U	0.005 U	0.8	1	0.010 U
95/08/29	0925	10.0		82	11.1	96.7	7.8	1.0 U	0.030	0.010 U	0.010 U	0.005 U	0.5 U	5	0.010 U
95/09/26	1115	11.7		92	11.3	103.4	7.6	1.0	0.021	0.011	0.010 U	0.005 U	0.5 U	3	0.010 U

Remarks: U,K - Below reporting limit; B - analyte in blank; X - background organisms; J - Estimate; S - Spreader colonies, P - below quantitation limit.

Station No.: 18B070 ELWHA R NR PORT ANGELES Water Class: AA Latitude: 48 03 56.0

Water Body No.: WA-18-2010 River Mile: 8.10 Longitude: 123 34 35.0

Date	Time	Temp (C)	Flow (CFS)	Conduc-tivity (umhos)	Oxygen (mg/L)	Oxygen Satur. (%)	pH (units)	Suspend Solids (mg/L)	TPN (mg/L)	NH3+NH4 Nitrog. (mg/L)	Total Phosph. (mg/L)	Dissol. Ortho P (mg/L)	Turbid-ity (NTU)	Fecal Colif. (#/100ml)	NO2+NO3 Nitrog. (mg/L)
94/10/23	1540	11.6	448.0	98	11.0	100.7	7.8	3.0	0.021	0.010 K	0.019		3.8	1	0.010 K
94/11/27	1540	5.0	608.0	98	12.6	98.9	7.5		0.010 U	0.010 U	0.010 U	0.005 U	1.8	1 U	0.012
94/12/27	1345	5.3	9660.0	69	13.1	105.0	7.5	68.0	0.048	0.010 U	0.079	0.010 U	75.0	4	0.023
95/01/23	1600	4.8	1530.0	87	12.8	100.1	7.7	10.0	0.056	0.010 U	0.010 U	0.005 U	9.0	1 U	0.027
95/02/26	1520	5.6	2170.0	71	12.6	99.6	7.5	18.0	0.046	0.010 U	0.013	0.005 U	22.0	1 U	0.019
95/03/27	1425	6.2	1370.0	82	12.7	101.4	7.7	3.0	0.034	0.010 U	0.010 U	0.005 U	4.3	1 U	0.010 U
95/04/24	1650	9.0	713.0	100	11.6	100.9	7.7	1.0	0.010 U	0.010 U	0.010 U	0.005 U	1.2	1 U	0.010 U
95/05/21	1730	9.4	1710.0	82	11.5	100.9	7.7	3.0	0.034	0.010 U	0.010 U	0.005 U	2.4	1	0.010 U
95/06/26	1650	11.7	1550.0	69	11.0	101.0	7.5	2.0	0.031	0.010 U	0.010 U	0.005 U	2.1	1	0.010 U
95/07/24	1345	14.5	1020.0	74	10.6	103.0	7.7	2.0	0.088	0.017	0.010 U	0.005 U	1.2	1 U	0.010 U
95/08/28	1540	14.5	488.0	88	10.3	99.7	7.8	1.0 U	0.027	0.010 U	0.010 U	0.005 U	0.5 U	1 U	0.010 U
95/09/25	1640	14.6	306.0	108	10.3	100.0	7.9	8.0	0.029	0.010 U	0.010 U	0.005 U	0.5	1 U	0.010 U

Remarks: U,K - Below reporting limit; B - analyte in blank; X - background organisms; J - Estimate; S - Spreader colonies, P - below quantitation limit.

Station No.: 20B070 HOH R @ DNR CAMPGROUND Water Class: AA Latitude: 47 48 25.0
Water Body No.: WA-20-2010 River Mile: 16.50 Longitude: 124 14 59.0

Date	Time	Temp (C)	Flow (CFS)	Conduc-tivity (umhos)	Oxygen (mg/L)	Oxygen Satur. (%)	pH (units)	Suspend Solids (mg/L)	TPN (mg/L)	NH3+NH4 Nitrog. (mg/L)	Total Phosph. (mg/L)	Dissol. Ortho P (mg/L)	Turbid-ity (NTU)	Fecal Colif. (#/100ml)	NO2+NO3 Nitrog. (mg/L)
94/10/23	1210	9.1	1000.0	80	11.5	99.1	7.4	5.0	0.110	0.010 K	0.019		5.1	34	0.086
94/11/27	1410	6.2	1700.0	73	12.2	98.6	7.2		0.148	0.010 U	0.010	0.005 U	3.2	4	0.143
94/12/27	1155	7.3	18600.0	40	12.2	102.4	7.2	428.0	0.143	0.030	0.244	0.005 U	200.0	92 S	0.052
95/01/23	1400	6.0	2190.0	72	12.2	98.5	7.4	7.0	0.129	0.010 U	0.010 U	0.005 U	6.1	1 U	0.097
95/02/26	1335	6.8	2580.0	66	12.1	98.6	7.6	11.0	0.108	0.010 U	0.014	0.005 U	8.5	1	0.079
95/03/27	1225	6.9	1885.0	68	12.4	100.6	7.4	3.0	0.090	0.010 U	0.010 U	0.005 U	2.7	1 U	0.049
95/04/24	1420	10.4	1450.0	78	11.7	105.0	7.2	1.0	0.010 U	0.010 U	0.010 U	0.005 U	1.6	1 U	0.010 U
95/05/21	1550	13.2	1440.0	84	10.7	102.4	7.5	2.0	0.045	0.010 U	0.010 U	0.005 U	2.1	1 U	0.010 U
95/06/26	1500	13.6	1650.0	66	10.8	103.3	7.6	5.0	0.047	0.013	0.010 U	0.005 U	4.9	1 U	0.010 U
95/07/24	1155	12.0	1200.0	65	11.7	107.5	7.8	19.0	0.114	0.025	0.010 U	0.005 U	10.0	17	0.010 U
95/08/28	1410	13.5	710.0	80	10.8	102.2	7.6	1.0 U	0.020	0.010 U	0.010 U	0.005 U	0.9	5	0.010 U
95/09/25	1500	14.5	620.0	85	10.8	104.5	7.7	1.0 U	0.010 U	0.010 U	0.010 U	0.005 U	1.0	6	0.010 U

Remarks: U,K - Below reporting limit; B - analyte in blank; X - background organisms; J - Estimate; S - Spreader colonies, P - below quantitation limit.

Station No.: 22A070 HUMPTULIPS R NR HUMPTULIPS Water Class: A Latitude: 47 13 48.0
Water Body No.: WA-22-1010 River Mile: 23.60 Longitude: 123 57 38.0

Date	Time	Temp (C)	Flow (CFS)	Conductivity (umhos)	Oxygen (mg/L)	Oxygen Satur. (%)	pH (units)	Suspend Solids (mg/L)	TPN (mg/L)	NH3+NH4 Nitrog. (mg/L)	Total Phosph. (mg/L)	Dissol. Ortho P (mg/L)	Turbidity (NTU)	Fecal Colif. (#/100ml)	NO2+NO3 Nitrog. (mg/L)
94/10/23	1020	9.0	565.0	56	11.3	96.9	7.7	5.0	0.248	0.010 K	0.018		1.9	37	0.210
94/11/27	1020	5.2	1150.0	50	12.2	96.0	7.4		0.239	0.010 U	0.011	0.005 U	3.6	7	0.226
94/12/27	1015	7.5	15400.0 J	29	12.2	102.5	7.3	344.0	0.165	0.010 U	0.288		300.0	42	0.096
95/01/23	1115	6.4	1290.0	48	12.1	98.2	7.2	5.0	0.195	0.010 U	0.010 U	0.005	6.0	2	0.157
95/02/26	1110	7.4	1350.0	43	11.8	97.1	7.0	6.0	0.175	0.010 U	0.013	0.005 U	6.2	1	0.146
95/03/27	1025	6.4	1050.0	45	12.2	97.3	7.3	2.0	0.147	0.010 U	0.010 U	0.005 U	2.5	1 U	0.112
95/04/24	1130	9.6	703.0	51	12.5	109.7	7.7	1.0 U	0.026	0.010 U	0.010 U	0.005 U	0.9	1 U	0.010 U
95/05/21	1315	14.8	284.0	59	11.1	109.5	7.8	2.0	0.084	0.010 U	0.010 U	0.005 U	0.9	1	0.015
95/06/26	1115	15.6	284.0	57	10.2	100.9	7.5	1.0 U	0.109	0.011	0.010 U	0.005 U	0.5 U	3	0.034
95/07/24	1010	16.0	135.0	63	10.2	101.9	7.7	1.0	0.116	0.016	0.010 U	0.005 U	0.5 U	21	0.025
95/08/28	1145	15.0	164.0	64	10.5	102.2	7.7	1.0 U	0.080	0.010 U	0.010 U	0.005 U	0.5 U	6	0.029
95/09/25	1210	15.0	132.0	74	10.0	97.2	7.3	2.0	0.066	0.013	0.010 U	0.005 U	0.5 U	37	0.016

Remarks: U,K - Below reporting limit; B - analyte in blank; X - background organisms; J - Estimate; S - Spreader colonies, P - below quantitation limit.

Station No.: 23A070 CHEHALIS R @ PORTER Water Class: A Latitude: 46 56 17.0

Water Body No.: WA-23-1010 River Mile: 33.30 Longitude: 123 18 45.0

Date	Time	Temp (C)	Flow (CFS)	Conduc-tivity (umhos)	Oxygen (mg/L)	Oxygen Satur. (%)	pH (units)	Suspend Solids (mg/L)	TPN (mg/L)	NH3+NH4 Nitrog. (mg/L)	Total Phosph. (mg/L)	Dissol. Ortho P (mg/L)	Turbid-ity (NTU)	Fecal Colif. (#/100ml)	NO2+NO3 Nitrog. (mg/L)
94/10/23	0845	10.4	700.0	122	10.1	89.2	7.6	2.0	0.824	0.010 K	0.081		2.6	51 S	0.649
94/11/27	0850	5.3	4180.0	77	11.6	91.1	7.4		1.050	0.012	0.039	0.014	4.6	70	0.826
94/12/27	0840	7.9	22000.0	54	10.8	91.3	7.0	95.0	1.200	0.027	0.119	0.012	65.0	830 S	0.834
95/01/23	0940	4.9	5550.0	73	11.6	90.1	7.8	10.0	1.000	0.017	0.031	0.013	7.0	25	0.921
95/02/26	0940	8.1	6860.0	64	10.7	89.3	6.9	18.0	0.994	0.025	0.047	0.012	11.0	30	0.852
95/03/27	0840	7.3	5000.0	66	11.2	90.9	7.2	14.0	0.950	0.016	0.029	0.006	7.6	48	0.777
95/04/24	0940	11.0	2930.0	79	10.2	91.9	7.5	6.0	0.749	0.016	0.036	0.011	3.3	8	0.613
95/05/21	1130	15.4	1540.0	95	9.9	98.3	7.4	4.0	0.806	0.015	0.020	0.016	3.2	29	0.626
95/06/26	0910	18.8	640.0	93	8.4	88.4	7.5	3.0	0.866	0.017	0.036	0.019	1.8	23	0.688
95/07/24	0820	19.6	368.0	100	8.7	93.3	7.6	2.0	0.905	0.039	0.028	0.014	1.2	51	0.639
95/08/28	1005	17.8	348.0	108	8.9	91.4	7.8	2.0	0.756	0.010 U	0.027	0.009	0.9	25	0.560
95/09/25	1030	16.3	262.0	120	8.7	86.6	7.5	4.0	0.916	0.025	0.029	0.022	1.4	15	0.718

Remarks: U,K - Below reporting limit; B - analyte in blank; X - background organisms; J - Estimate; S - Spreader colonies, P - below quantitation limit.

Station No.: 23A100 CHEHALIS R @ PRATHER RD Water Class: A Latitude: 46 46 31.4

Water Body No.: WA-23-1010 River Mile: 59.90 Longitude: 123 02 03.3

Date	Time	Temp (C)	Flow (CFS)	Conduc-tivity (umhos)	Oxygen (mg/L)	Oxygen Satur. (%)	pH (units)	Suspend Solids (mg/L)	TPN (mg/L)	NH3+NH4 Nitrog. (mg/L)	Total Phosph. (mg/L)	Dissol. Ortho P (mg/L)	Turbid-ity (NTU)	Fecal Colif. (#/100ml)	NO2+NO3 Nitrog. (mg/L)
94/10/26	0835	10.7	287.0	121	8.9	80.5	7.3	4.0	0.523	0.010 K	0.088	0.102	2.0	9	0.340
94/11/30	0900	6.9	8090.0	74	11.2	92.7	7.1	59.0	1.070	0.013	0.073	0.015	29.0	600 S	0.834
94/12/29	1020	4.1	22300.0	63	10.6	80.1	6.5	44.0	1.160	0.025	0.097	0.009	45.0	120 S	0.857
95/01/25	0905	2.9	2760.0	69	12.0	89.6	6.8	5.0	0.940	0.030	0.021	0.020	8.3	26	0.839
95/02/28	0910	5.2	2850.0	78	11.4	88.9	7.0	7.0	0.925	0.017	0.041	0.016	8.5	59	0.798
95/03/28	0900	6.5	3060.0	73	11.2	89.6	6.9	7.0	0.898	0.018	0.033	0.013	5.4	55	0.677
95/04/26	0845	10.0	1580.0	79	9.8	86.7	7.2	10.0	0.623	0.035	0.061	0.020	3.1	8	0.416
95/05/24	0800	16.3	931.0	95	8.2	82.8	7.1	7.0	0.698	0.068	0.044	0.033	2.8	8	0.403
95/06/28	0815	19.5	459.0	101	8.5	91.4	7.3	12.0	0.609	0.015	0.070	0.040	1.8	22	0.393
95/07/26	0805	20.8	287.0	117	7.2	78.9	7.4	4.0	0.698	0.073	0.096	0.069	1.6	110	0.446
95/08/27	0900	17.1	294.0	103	7.4	74.9	7.1	2.0	0.695	0.044	0.138	0.070	1.2	5	0.459
95/09/27	0820	15.8	300.0	108	7.3	73.9	7.3	3.0	0.766	0.096	0.089	0.071	1.4	35	0.465

Remarks: U,K - Below reporting limit; B - analyte in blank; X - background organisms; J - Estimate; S - Spreader colonies, P - below quantitation limit.

Station No.: 23A160 CHEHALIS R @ DRYAD Water Class: A Latitude: 46 37 54.0

Water Body No.: WA-23-1100 River Mile: 101.70 Longitude: 123 14 51.0

Date	Time	Temp (C)	Flow (CFS)	Conductivity (umhos)	Oxygen (mg/L)	Oxygen Satur. (%)	pH (units)	Suspend Solids (mg/L)	TPN (mg/L)	NH3+NH4 Nitrog. (mg/L)	Total Phosph. (mg/L)	Dissol. Ortho P (mg/L)	Turbidity (NTU)	Fecal Colif. (#/100ml)	NO2+NO3 Nitrog. (mg/L)
94/10/26	0935	9.4	263.0	76	10.3	90.9	7.4	9.0	0.401	0.010 K	0.033	0.005 K	3.0	120	0.310
94/11/30	1015	8.1	7780.0	49	11.7	100.2	7.2	397.0	1.030	0.010 U	0.178	0.008	140.0	400	0.829
94/12/29	1145	3.2	3340.0	59	12.7	94.5	6.8	59.0	0.898	0.010 U	0.056	0.008	25.0	54	0.710
95/01/25	1010	1.5	764.0	55	12.4	89.7	7.0	3.0	0.653	0.010 U	0.014	0.012	2.8	96	0.588
95/02/28	1035	3.3	701.0	76	13.0	97.2	7.3	2.0	0.638	0.010 U	0.019	0.008	1.8	52	0.548
95/03/28	1035	5.3	876.0	59	12.3	96.3	7.1	2.0	0.633	0.010 U	0.010 U	0.005	1.5	10	0.481
95/04/26	0945	8.3	453.0	63	11.6	99.2	7.7	2.0	0.332	0.010 U	0.011	0.005	1.2	75	0.221
95/05/24	0900	13.6	216.0	73	9.9	95.0	7.5	4.0	0.390	0.012	0.010 U	0.005 U	1.5	100	0.216
95/06/28	0920	17.2	90.6	81	8.7	90.0	7.6	4.0	0.371	0.019	0.015	0.005	1.8	31	0.122
95/07/26	0910	18.5	62.8	88	8.6	90.8	7.7	5.0	0.257	0.013	0.015	0.010	2.1	210	0.054
95/08/27	1000	14.2	36.2	79	9.4	90.0	7.7	2.0	0.183	0.010 U	0.010 U	0.005 U	1.5	80	0.023
95/09/27	0915	13.7	266.0	77	9.3	90.6	7.4	46.0	0.663	0.013	0.091	0.007	18.0	2800 J	0.205

Remarks: U,K - Below reporting limit; B - analyte in blank; X - background organisms; J - Estimate; S - Spreader colonies, P - below quantitation limit.

Station No.: 23E070 BLACK RIVER @ MOON ROAD BRIDGE Water Class: A Latitude: 46 50 21.1
Water Body No.: WA-23-1019 River Mile: 7.10 Longitude: 123 08 17.0

Date	Time	Temp (C)	Flow (CFS)	Conduc-tivity (umhos)	Oxygen (mg/L)	Oxygen Satur. (%)	pH (units)	Suspend Solids (mg/L)	TPN (mg/L)	NH3+NH4 Nitrog. (mg/L)	Total Phosph. (mg/L)	Dissol. Ortho P (mg/L)	Turbid-ity (NTU)	Fecal Colif. (#/100ml)	NO2+NO3 Nitrog. (mg/L)
94/10/26	0735	10.2		107	7.5	67.0	7.3	2.0	1.060	0.010 K	0.046	0.030	1.0	23	0.919
94/11/30	0800	6.4		72	9.7	79.3	6.9	8.0	1.080	0.010 U	0.049	0.021	7.2	130	0.680
94/12/29	0910	10.5		54	8.2	72.4	6.7	12.0	1.080	0.022	0.055	0.019	17.0	760 S	0.675
95/01/25	0805	4.9		71	9.2	72.2	6.9	2.0	1.140	0.025	0.010	0.027	3.5	8	1.040
95/02/28	0815	4.2		74	8.4	63.6	6.6	3.0	0.912	0.013	0.042	0.021	2.2	74	0.742
95/03/28	0800	5.4		74	9.3	72.2	6.7	3.0	1.110	0.010 U	0.039	0.013	2.0	39	0.870
95/04/26	0755	9.7		85	8.2	71.9	6.9	2.0	1.090	0.019	0.061	0.020	2.4	150	0.855
95/05/24	0710	14.1		103	7.7	74.1	6.9	2.0	1.380	0.010 U	0.012	0.015	1.9	13	1.090
95/06/28	0730	17.8		111	7.3	75.9	6.9	2.0	1.090	0.010 U	0.030	0.013	1.1	26	0.910
95/07/26	0730	18.1		126	7.0	72.7	7.5	2.0	1.160	0.157	0.027	0.019	0.7	78	1.080
95/08/27	0830	15.5		110	7.3	71.3	7.0	1.0 U	1.100	0.043	0.030	0.012	0.5	28	0.932
95/09/27	0745	14.6		117	6.5	64.1	7.3	2.0	1.340	0.022	0.039	0.032	0.8	280 J	1.170

Remarks: U,K - Below reporting limit; B - analyte in blank; X - background organisms; J - Estimate; S - Spreader colonies, P - below quantitation limit.

Station No.: 24B090 WILLAPA R NR WILLAPA Water Class: A Latitude: 46 39 00.0

Water Body No.: WA-24-2020 River Mile: 17.70 Longitude: 123 39 10.0

Date	Time	Temp (C)	Flow (CFS)	Conduc-tivity (umhos)	Oxygen (mg/L)	Oxygen Satur. (%)	pH (units)	Suspend Solids (mg/L)	TPN (mg/L)	NH3+NH4 Nitrog. (mg/L)	Total Phosph. (mg/L)	Dissol. Ortho P (mg/L)	Turbid-ity (NTU)	Fecal Colif. (#/100ml)	NO2+NO3 Nitrog. (mg/L)
94/10/26	1045	10.5	625.0	64	10.0	89.9	7.4	55.0	0.555	0.010 K	0.061	0.005 K	16.0	1600 JS	0.392
94/11/30	1150	8.9	6500.0	46	10.8	93.4	6.8	403.0	1.616	0.016	0.214	0.005 U	130.0	1100 S	0.935
94/12/29	1315	5.5	2615.0	53	11.9	93.3	6.5	126.0	1.330	0.012	0.121	0.005 U	50.0	29	0.980
95/01/25	1140	2.4	595.0	51	11.8	86.8	6.7	8.0	0.895	0.010 U	0.022	0.010	6.1	31	0.854
95/02/28	1145	4.9	508.0	75	12.3	95.0	7.1	6.0	0.927	0.010 U	0.017	0.006	3.5	18	0.787
95/03/28	1145	7.2	618.0	55	11.8	96.0	7.0	6.0	0.884	0.010 U	0.010 U	0.006	2.6	4	0.709
95/04/26	1100	9.4	374.0	59	10.9	94.8	7.6	3.0	0.586	0.015	0.016	0.005	1.8	63	0.441
95/05/24	1035	15.0	162.0	68	10.0	98.1	7.4	6.0	0.588	0.015	0.010 U	0.005 U	1.8	92	0.332
95/06/28	1040	18.5	70.0	73	8.9	93.8	7.4	3.0	0.499	0.017	0.019	0.005 U	1.8	250	0.272
95/07/26	1015	18.8	40.0	82	8.3	87.0	7.6	6.0	0.446	0.016	0.015	0.007	1.6	210	0.219
95/08/27	1110	15.3	29.0	75	9.0	87.6	7.4	4.0	0.475	0.010 U	0.016	0.005	1.8	240	0.272
95/09/27	1010	15.6	59.0	75	8.8	88.5	7.3	5.0	0.438	0.031	0.023	0.005 U	3.2	1300	0.208

Remarks: U,K - Below reporting limit; B - analyte in blank; X - background organisms; J - Estimate; S - Spreader colonies, P - below quantitation limit.

Station No.: 24F070 NASELLE R NR NASELLE Water Class: A Latitude: 46 22 23.0

Water Body No.: WA-24-3010 River Mile: 17.40 Longitude: 123 44 44.0

Date	Time	Temp (C)	Flow (CFS)	Conduc-tivity (umhos)	Oxygen (mg/L)	Oxygen Satur. (%)	pH (units)	Suspend Solids (mg/L)	TPN (mg/L)	NH3+NH4 Nitrog. (mg/L)	Total Phosph. (mg/L)	Dissol. Ortho P (mg/L)	Turbid-ity (NTU)	Fecal Colif. (#/100ml)	NO2+NO3 Nitrog. (mg/L)
94/10/26	1210	10.7	710.0	52	10.6	95.8	7.0	33.0	0.949	0.010 K	0.050	0.005 K	13.0	920 J	0.750
94/11/30	1315	8.8	6230.0	38	11.5	99.3	7.0	529.0	1.060	0.010 U	0.334	0.005	260.0	350	0.679
94/12/29	1430	5.1	1450.0	49	12.5	97.2	6.8	83.0	0.978	0.010 U	0.082	0.005 U	38.0	23	0.630
95/01/25	1305	5.0	360.0	52	12.4	98.0	7.0	3.0	0.559	0.010 U	0.010 U	0.011	2.7	9	0.538
95/02/28	1315	4.5	356.0	75	12.9	103.3	7.3	5.0				0.007	2.3	5	
95/03/28	1330	7.2	374.0	49	12.1	98.9	7.1	2.0	0.495	0.010 U	0.010 U	0.005	1.3	1	0.420
95/04/26	1250	8.3	269.0	51	11.7	99.5	7.7	2.0	0.391	0.024	0.016	0.005	1.0	6	0.289
95/05/24	1210	13.8	108.0	58	10.9	104.5	7.5	7.0	0.344	0.010 U	0.011	0.005 U	1.0	3	0.232
95/06/28	1210	16.9	55.0	62	10.2	104.3	7.6	2.0	0.326	0.015	0.010 U	0.005 U	0.6	38	0.151
95/07/26	1140	17.5	43.0	66	9.7	99.2	7.7	3.0	0.239	0.016	0.010 U	0.005	0.7	920 J	0.058
95/08/27	1215	14.3	33.0	59	10.4	99.3	7.7	1.0	0.118	0.010 U	0.010 U	0.005 U	0.6	51	0.037
95/09/27	1130	14.3	360.0	66	9.5	92.8	8.2	43.0	0.696	0.059	0.107	0.005 U	19.0	2400 J	0.236

Remarks: U,K - Below reporting limit; B - analyte in blank; X - background organisms; J - Estimate; S - Spreader colonies, P - below quantitation limit.

Station No.: 26B070 COWLITZ R @ KELSO Water Class: A Latitude: 46 08 44.0
Water Body No.: WA-26-1040 River Mile: 4.90 Longitude: 122 54 47.0

Date	Time	Temp (C)	Flow (CFS)	Conduc-tivity (umhos)	Oxygen (mg/L)	Oxygen Satur. (%)	pH (units)	Suspend Solids (mg/L)	TPN (mg/L)	NH3+NH4 Nitrog. (mg/L)	Total Phosph. (mg/L)	Dissol. Ortho P (mg/L)	Hardnes (mg/L)	Turbid-ity (NTU)	Fecal Colif. (#/100ml)
94/10/02	1200	2.6	3130.0	110	10.6	77.1	7.8	4.0	0.105	0.010 U	0.010 U	0.010 U		1.5	20
94/11/16	1600	7.8	9580.0	78	9.1	76.1	8.2								
94/12/11	1200	8.5	28000.0	106	11.3	95.4	8.1								
95/01/24	1300	5.6	8190.0	88	12.3	98.1	7.0	43.0	0.291	0.010 U	0.032	0.006	30	26.0	6
95/02/27	1330	6.3	12800.0	61	12.3	98.1	7.5	42.0	0.293	0.010 U	0.045	0.006		32.0	4
95/03/28	1325	7.9	7980.0	88	11.6	96.6	7.6	48.0	0.280	0.018	0.045	0.005 U	31	30.0	2
95/04/25	1500	10.3	7240.0	93	11.0	97.9	7.7	71.0	0.169	0.010	0.066	0.005		23.0	3
95/05/22	1315	12.1	7590.0	92	10.8	100.0	7.7	32.0	0.184	0.011	0.022	0.005 U		8.3	6
95/06/27	1350	14.2	5800.0	90	10.9	105.1	7.6	16.0	0.158	0.010 U	0.016	0.005 U		7.0	2
95/07/25	0935	14.5	3110.0	121	10.3	99.8	7.6	14.0	0.144	0.024	0.010 U	0.005 U		5.7	21
95/08/29	1405	16.2	2940.0	127	9.8	97.2	7.4	6.0	0.114	0.010 U	0.010 U	0.005 U		2.0	16
95/09/26	1430	11.8	3020.0	127	10.3	93.8	7.4	4.0	0.100	0.010 U	0.010 U	0.005 U		1.5	26

26B070 Cowlitz R @ Kelso continued: more parameters.

Date	Time	NO2+NO3 Nitrog. (mg/L)	Chrom-ium (ug/L)	Copper (ug/L)	Lead (ug/L)	Zinc (ug/L)	Cadmium (ug/L)	Mercury (ug/L)	Cadmium Dissol. (ug/L)	Copper Dissol. (ug/L)	Lead Dissol (ug/L)	Nickle Dissol. (ug/L)	Zinc Dissol. (ug/L)	Arsenic Tot Rec (ug/L)
94/10/02	1200	0.033												
94/11/16	1600													
94/12/11	1200													
95/01/24	1300	0.225	5.00 U	8.7 P	20.0 U	4.0 U	3.00 U		0.030 U	0.795	0.020 U	0.220 P	0.430 P	30.000 U
95/02/27	1330	0.237												
95/03/28	1325	0.179	5.00 U					0.0010 P	0.030 U	0.669	0.020 U	0.250 P	0.400 U	30.000 U
95/04/25	1500	0.119												
95/05/22	1315	0.087												
95/06/27	1350	0.061												
95/07/25	0935	0.049												
95/08/29	1405	0.026												
95/09/26	1430	0.033												

Remarks: U,K - Below reporting limit; B - analyte in blank; X - background organisms; J - Estimate; S - Spreader colonies, P - below quantitation limit.

Station No.: 27B070 KALAMA R NR KALAMA Water Class: A Latitude: 46 02 52.0

Water Body No.: WA-27-1010 River Mile: 2.80 Longitude: 122 50 11.0

Date	Time	Temp (C)	Flow (CFS)	Conduc-tivity (umhos)	Oxygen (mg/L)	Oxygen Satur. (%)	pH (units)	Suspend Solids (mg/L)	TPN (mg/L)	NH3+NH4 Nitrog. (mg/L)	Total Phosph. (mg/L)	Dissol. Ortho P (mg/L)	Turbid-ity (NTU)	Fecal Colif. (#/100ml)	NO2+NO3 Nitrog. (mg/L)
94/10/02	1300	9.9		69	10.9	95.1	7.8	3.0	0.125	0.010 U	0.020	0.010 U	1.0	22	0.029
94/11/16	1630	7.8		45	12.7	106.1	7.4								
94/12/11	1300	8.6		47	11.8	99.8	8.2								
95/01/24	1435	5.8		41	12.6	101.2	7.1	3.0	0.386	0.010 U	0.014	0.009	2.9	3	0.345
95/02/27	1440	6.2		36	12.9	102.9	7.6	3.0	0.322	0.010 U	0.019	0.009	2.7	1	0.292
95/03/28	1415	6.8		40	12.6	102.4	7.7	3.0	0.309	0.010 U	0.010 U	0.005 U	1.6	2	0.253
95/04/25	1530	10.5		43	12.0	107.5	7.8	4.0	0.242	0.014	0.017	0.007	1.9	1	0.165
95/05/22	1345	13.5		49	11.8	112.9	8.1	4.0	0.220	0.012	0.010 U	0.005 U	1.9	4	0.116
95/06/27	1420	16.9		51	10.7	109.3	7.7	2.0	0.178	0.013	0.010	0.007	0.8	1	0.048
95/07/25	1030	15.2		57	10.5	103.3	7.7	3.0	0.196	0.040	0.010 U	0.010	1.1	20	0.042
95/08/29	1445	15.6		62	10.9	106.9	7.9	2.0	0.101	0.010 U	0.010 U	0.005 U	0.7	10	0.021
95/09/26	1515	14.8		70	10.6	103.2	7.4	4.0	0.195	0.021	0.018	0.005 U	1.4	82	0.057

Remarks: U,K - Below reporting limit; B - analyte in blank; X - background organisms; J - Estimate; S - Spreader colonies, P - below quantitation limit.

Station No.: 27D090 EF LEWIS R NR DOLLAR CORNER Water Class: A Latitude: 45 48 53.0

Water Body No.: WA-27-2020 River Mile: 10.20 Longitude: 122 35 26.0

Date	Time	Temp (C)	Flow (CFS)	Conduc-tivity (umhos)	Oxygen (mg/L)	Oxygen Satur. (%)	pH (units)	Suspend Solids (mg/L)	TPN (mg/L)	NH3+NH4 Nitrog. (mg/L)	Total Phosph. (mg/L)	Dissol. Ortho P (mg/L)	Turbid-ity (NTU)	Fecal Colif. (#/100ml)	NO2+NO3 Nitrog. (mg/L)
94/10/25	1550	9.9	70.0	53	11.6	102.6	7.9	1.0 K	0.398	0.010 K	0.018	0.005 K	0.5 K	12	0.333
94/11/29	1400	6.7	1760.0	34	12.1	98.3	7.2	4.0	0.671	0.010 U	0.010	0.005 U	2.9	28	0.534
94/12/29	1250	5.6	2220.0	28	12.5	98.1	7.4	5.0	0.594	0.010 U	0.010 U	0.006	4.3	8	0.470
95/01/25	1445	6.0	638.0	34	12.6		7.1	1.0 U	0.450	0.010 U	0.010 U	0.008	1.5	7	0.388
95/02/28	1420	5.8	604.0	29	12.7	100.5	7.7	1.0 U	0.459	0.017	0.014	0.005 U	1.3	1 U	0.368
95/03/29	1415	8.7	499.0	33	12.1	103.6	8.3	13.0	0.293	0.010 U	0.010 U	0.005 U	1.2	10	0.191
95/04/26	1440	9.6	550.0	34	11.7	103.0	8.2	2.0	0.201	0.010 U	0.010 U	0.006	1.1	1	0.143
95/05/23	1445	16.2	297.0	41	10.2	103.5	7.8	2.0	0.275	0.010 U	0.010 U	0.005 U	0.9	7	0.151
95/06/28	1340	19.6	155.0	42	9.7	104.6	8.0	1.0 U	0.261	0.010	0.010 U	0.005 U	0.7	10	0.136
95/07/26	1210	18.8	81.0	53	9.7	102.7	7.8	2.0	0.265	0.022	0.010 U	0.007	0.6	35	0.130
95/08/30	1415	18.6	60.0	61	10.1	105.8	7.9	1.0 U	0.197	0.040	0.010 U	0.005 U	0.5 U	25	0.078
95/09/27	1340	16.3	694.0	66	9.5	95.4	7.5	37.0	0.327	0.011	0.034	0.005 U	16.0	700 J	0.068

Remarks: U,K - Below reporting limit; B - analyte in blank; X - background organisms; J - Estimate; S - Spreader colonies, P - below quantitation limit.

Station No.: 27E070 CEDAR CR NR ETNA Water Class: A Latitude: 45 56 11.6

Water Body No.: WA-27-2045 River Mile: 0.05 Longitude: 122 34 56.5

Date	Time	Temp (C)	Flow (CFS)	Conductivity (umhos)	Oxygen (mg/L)	Oxygen Satur. (%)	pH (units)	Suspend Solids (mg/L)	TPN (mg/L)	NH3+NH4 Nitrog. (mg/L)	Total Phosph. (mg/L)	Dissol. Ortho P (mg/L)	Turbidity (NTU)	Fecal Colif. (#/100ml)	NO2+NO3 Nitrog. (mg/L)
94/10/25	1705	9.3	24.0	86	11.4	99.4	6.8	3.0	0.428	0.010 K	0.027	0.005	1.0	19	0.367
94/11/29	1450	7.5	120.0	39	12.0	99.2	7.1	38.0	1.170	0.010 U	0.035	0.005	14.0	140	0.909
94/12/29	1340	6.5	1375.0 J	37	12.5	100.2	7.3	9.0	1.360	0.010 U	0.011	0.005 U	4.0	14	1.010
95/01/25	1530	6.9	270.0	42	12.1	99.9	7.1	2.0	0.962	0.010 U	0.010 U	0.009	2.0	18	0.912
95/02/28	1515	6.1	190.0	37	12.5	99.6	7.4	3.0	0.888	0.010 U	0.014	0.005 U	2.0	3	0.810
95/03/29	1500	9.4	140.0	42	11.5	100.1	7.2	3.0	0.918	0.010 U	0.010 U	0.005 U	2.0	1	0.726
95/04/26	1535	11.5	26.0	46	10.8	99.4	7.6	4.0	0.671	0.011	0.023	0.006	2.2	7	0.579
95/05/23	1530	15.1	27.0	50	10.3	102.1	7.5	3.0	0.667	0.015	0.010 U	0.005 U	1.6	20	0.537
95/06/28	1425	19.5	16.0	60	9.5	102.2	7.4	2.0	0.626	0.012	0.012	0.005 U	1.4	23	0.459
95/07/26	1320	18.5	11.0	68	9.6	100.7	6.6	3.0	0.530	0.024	0.012	0.011	1.0	180	0.367
95/08/30	1500	18.6	10.0	84	9.7	101.5	7.8	1.0	0.507	0.043	0.012	0.005	0.9	22	0.336
95/09/27	1420	16.5	25.0	87	9.7	97.7	7.2	3.0	0.550	0.029	0.018	0.006	2.5	160 J	0.321

Remarks: U,K - Below reporting limit; B - analyte in blank; X - background organisms; J - Estimate; S - Spreader colonies, P - below quantitation limit.

Station No.: 27F070 GEE CR @ RIDGEFIELD Water Class: A Latitude: 45 49 08.1

Water Body No.: WA-27-4000 River Mile: 4.30 Longitude: 122 44 15.9

Date	Time	Temp (C)	Flow (CFS)	Conduc-tivity (umhos)	Oxygen (mg/L)	Oxygen Satur. (%)	pH (units)	Suspend Solids (mg/L)	TPN (mg/L)	NH3+NH4 Nitrog. (mg/L)	Total Phosph. (mg/L)	Dissol. Ortho P (mg/L)	Turbid-ity (NTU)	Fecal Colif. (#/100ml)	NO2+NO3 Nitrog. (mg/L)
94/10/25	1425	9.4	1.0	183	11.5	100.4	7.6	2.0	0.735	0.010 K	0.148	0.105	4.8	92	0.509
94/11/29	1245	6.6	29.0	114	11.8	95.6	7.4	6.0	2.790	0.010 U	0.131	0.070	8.8	74	2.160
94/12/29	1220	5.7	50.0	100	12.2	95.7	7.4	14.0	2.490	0.046	0.186	0.067	12.0	340	2.030
95/01/25	1410	5.0	20.0	118	12.6	99.1	7.3	3.0	0.460	0.042	0.061	0.055	6.5	49	2.100
95/02/28	1310	6.4	18.0	108	12.2	97.7	7.5	3.0	2.260	0.010 U	0.103	0.053	6.1	86	1.910
95/03/29	1255	9.6	11.0	118	13.6	118.3	8.3	3.0	1.870	0.010 U	0.124	0.039	4.7	43	1.370
95/04/26	1410	12.6	7.6	133	11.1	104.4	7.6	4.0	1.590	0.018	0.223	0.076	4.5	64	1.260
95/05/23	1255	16.1	2.8	163	10.1	101.7	7.6	5.0	1.610	0.033	0.228	0.114	6.5	290	1.230
95/06/28	1310	19.1	1.3	159	9.7	103.2	7.5	3.0	1.080	0.017	0.193	0.126	4.6	170	0.725
95/07/26	1115	17.5	0.5	173	9.6	99.1	7.3	9.0	0.915	0.028	0.230	0.171	4.4	250	0.476
95/08/30	1240	16.3	1.3	188	9.8	97.5	7.7	10.0	0.651	0.056	0.308	0.147	3.8	210	0.410
95/09/27	1205	15.8	3.0	198	8.9	88.1	7.4	5.0	0.798	0.021	0.207	0.157	10.0	580	0.364

Remarks: U,K - Below reporting limit; B - analyte in blank; X - background organisms; J - Estimate; S - Spreader colonies, P - below quantitation limit.

Station No.: 28B110 WASHOUGAL R BLW CANYON CK Water Class: A Latitude: 45 36 26.6

Water Body No.: WA-28-2030 River Mile: 13.40 Longitude: 122 13 53.8

Date	Time	Temp (C)	Flow (CFS)	Conduc-tivity (umhos)	Oxygen (mg/L)	Oxygen Satur. (%)	pH (units)	Suspend Solids (mg/L)	TPN (mg/L)	NH3+NH4 Nitrog. (mg/L)	Total Phosph. (mg/L)	Dissol. Ortho P (mg/L)	Turbid-ity (NTU)	Fecal Colif. (#/100ml)	NO2+NO3 Nitrog. (mg/L)
94/10/25	1300	8.9		31	11.7	101.7	7.8	1.0	0.462	0.010 K	0.027	0.008	0.6	21	0.368
94/11/29	1130	6.2		23	12.7	102.8	7.1	10.0	0.458	0.010 U	0.015	0.005 U	5.1	35	0.359
94/12/29	1105	5.1		20	13.1	102.3	7.3	3.0	0.320	0.010 U	0.010 U	0.005 U	1.2	1	0.258
95/01/25	1245	4.9		25	12.8	101.5	7.7	1.0	0.334	0.010 U	0.010 U	0.009	0.7	11	0.284
95/02/28	1200	4.5		22	12.9	99.4	7.5	1.0 U	0.330	0.010 U	0.018	0.005 U	0.7	15	0.306
95/03/29	1145	6.8		23	12.2	100.1	7.7	1.0 U	0.255	0.010 U	0.010 U	0.005 U	0.5	2	0.201
95/04/26	1245	8.8		24	11.9	103.7	8.0	1.0	0.137	0.010 U	0.013	0.005	0.6	3	0.103
95/05/23	1125	12.9		28	11.0	104.4	7.6	2.0	0.287	0.011	0.010 U	0.005 U	0.8	5	0.172
95/06/28	1150	15.6		27	10.3	102.9	7.8	2.0	0.301	0.017	0.010 U	0.005	0.7	20	0.184
95/07/26	0935	16.7		33	9.7	99.6	7.3	4.0	0.330	0.031	0.013	0.013	1.1	440 J	0.224
95/08/30	1110	14.0		36	10.4	99.4	7.8	2.0	0.274	0.010 U	0.013	0.010	0.6	47	0.156
95/09/27	1100	14.2		34	9.9	95.8	7.1	19.0	0.778	0.022	0.037	0.005 U	9.2	1100 J	0.476

Remarks: U,K - Below reporting limit; B - analyte in blank; X - background organisms; J - Estimate; S - Spreader colonies, P - below quantitation limit.

Station No.: 29B070 WHITE SALMON R NR UNDERWOOD Water Class: A Latitude: 45 45 10.0

Water Body No.: WA-29-3010 River Mile: 1.90 Longitude: 121 31 33.0

Date	Time	Temp (C)	Flow (CFS)	Conduc-tivity (umhos)	Oxygen (mg/L)	Oxygen Satur. (%)	pH (units)	Suspend Solids (mg/L)	TPN (mg/L)	NH3+NH4 Nitrog. (mg/L)	Total Phosph. (mg/L)	Dissol. Ortho P (mg/L)	Turbid-ity (NTU)	Fecal Colif. (#/100ml)	NO2+NO3 Nitrog. (mg/L)
94/10/25	0935	7.4	355.0	68	11.2	92.2	7.9	2.0	0.139	0.010 K	0.044	0.026	1.5	18	0.102
94/11/29	0940	5.3	624.0	68	12.4	97.4	7.5	2.0	0.175	0.010 U	0.039	0.024	1.6	29	0.146
94/12/29	0925	3.9	1950.0	45	13.2	98.5	7.4	7.0	0.213	0.010 U	0.038	0.015	5.5	21	0.097
95/01/25	1000	4.8	1260.0	61	12.6	97.9	7.7	1.0 U	0.243	0.010 U	0.022	0.024	1.9	4	0.204
95/02/28	0945	4.9	1970.0	50	12.7	97.4	7.6	2.0	0.224	0.010 U	0.028	0.020	2.6	7	0.188
95/03/29	0935	6.8	1750.0	56	12.1	98.9	7.7	1.0	0.245	0.010 U	0.016	0.016	1.2	5	0.197
95/04/26	1025	8.3	1390.0	59	11.6	98.8	7.9	1.0 U	0.162	0.010 U	0.037	0.019	0.9	10	0.144
95/05/23	0930	10.0	1260.0	57	11.1	97.9	7.8	1.0	0.170	0.010 U	0.016	0.016	0.9	58	0.096
95/06/28	0950	10.7	792.0	57	10.8	95.9	7.8	1.0 U	0.151	0.010 U	0.031	0.021	0.7	56	0.098
95/07/26	0715	11.5	676.0	64	10.7	97.6	7.4	2.0	0.224	0.022	0.031	0.028	1.0	28	0.126
95/08/30	0920	9.8	575.0	70	11.0	94.7	7.6	1.0 U	0.216	0.044	0.042	0.024	0.6	4	0.128
95/09/27	0905	11.7	303.0	77	11.0	101.1	7.4	2.0	0.187	0.011	0.033	0.022	1.0	34	0.135

Remarks: U,K - Below reporting limit; B - analyte in blank; X - background organisms; J - Estimate; S - Spreader colonies, P - below quantitation limit.

Station No.: 29C070 WIND R NR CARSON Water Class: A Latitude: 45 43 37.0

Water Body No.: WA-29-1010 River Mile: 1.10 Longitude: 121 47 37.0

Date	Time	Temp (C)	Flow (CFS)	Conductivity (umhos)	Oxygen (mg/L)	Oxygen Satur. (%)	pH (units)	Suspend Solids (mg/L)	TPN (mg/L)	NH3+NH4 Nitrog. (mg/L)	Total Phosph. (mg/L)	Dissol. Ortho P (mg/L)	Turbidity (NTU)	Fecal Colif. (#/100ml)	NO2+NO3 Nitrog. (mg/L)
94/10/25	1100	8.3		64	12.0	101.4	7.8	1.0	0.086	0.010 K	0.041	0.023	0.6	21	0.039
94/11/29	1020	6.8		47	12.3	100.1	7.5	3.0	0.086	0.010 U	0.044	0.033	4.7	10	0.065
94/12/29	1005	4.6		38	14.0	106.4	7.4	18.0	0.055	0.010 U	0.040	0.018	12.0	4	0.035
95/01/25	1040	4.7		45	12.9	100.1	7.5	2.0	0.090	0.010 U	0.027	0.032	3.3	2	0.061
95/02/28	1110	4.8		39	12.9	100.3	7.7	4.0	0.091	0.010 U	0.037	0.028	4.1	33	0.054
95/03/29	1045	6.4		43	12.4	99.6	7.6	2.0	0.072	0.010 U	0.027	0.023	2.0	4	0.013
95/04/26	1115	8.4		50	11.4	97.3	7.8	1.0	0.031	0.010 U	0.065	0.028	1.9	1 U	0.010 U
95/05/23	1020	10.8		55	11.1	99.5	7.5	3.0	0.117	0.021	0.034	0.031	1.9	7	0.032
95/06/28	1035	14.1		55	10.5	100.5	7.6	1.0 U	0.073	0.010 U	0.043	0.033	1.3	270	0.034
95/07/26	0820	15.3		58	10.3	101.8	7.8	2.0	0.144	0.022	0.047	0.044	1.1	18	0.075
95/08/30	1000	12.1		64	10.8	98.0	7.5	1.0 U	0.080	0.010 U	0.046	0.026	0.7	29	0.020
95/09/27	1000	14.2		70	9.9	94.8	7.4	7.0	0.206	0.011	0.066	0.046	7.3	81	0.047

Remarks: U,K - Below reporting limit; B - analyte in blank; X - background organisms; J - Estimate; S - Spreader colonies, P - below quantitation limit.

Station No.: 29D070 RATTLESNAKE CR NR MOUTH Water Class: A Latitude: 45 47 50.4

Water Body No.: WA-29-3015 River Mile: 0.05 Longitude: 121 29 02.1

Date	Time	Temp (C)	Flow (CFS)	Conduc-tivity (umhos)	Oxygen (mg/L)	Oxygen Satur. (%)	pH (units)	Suspend Solids (mg/L)	TPN (mg/L)	NH3+NH4 Nitrog. (mg/L)	Total Phosph. (mg/L)	Dissol. Ortho P (mg/L)	Turbid-ity (NTU)	Fecal Colif. (#/100ml)	NO2+NO3 Nitrog. (mg/L)
94/10/25	0850	5.6	1.0	205	11.8	94.1	8.0	12.0	0.055	0.010 K	0.079	0.052	1.9	19	0.010 K
94/11/29	0915	5.1	3.8	86	12.6	99.5	7.7	2.0	0.133	0.010 U	0.031	0.013	5.0	6	0.068
94/12/29	0900	3.3	820.0	61	13.2	98.0	7.6	3.0	0.171	0.010 U	0.026	0.016	8.2	32	0.091
95/01/25	0930	3.1	225.0	64	13.2	99.0	8.1	1.0	0.199	0.022	0.018	0.020	6.0	23	0.100
95/02/28	0920	2.8	280.0	61	13.8	101.1	7.8	4.0	0.131	0.010 U	0.031	0.017	5.2	12	0.071
95/03/29	0905	4.8	89.0	66	12.4	96.4	7.6	2.0	0.056	0.010 U	0.011	0.010	3.7	16	0.010 U
95/04/26	0955	8.2	21.0	85	11.8	101.1	7.8	2.0	0.056	0.010 U	0.039	0.015	2.1	13	0.010 U
95/05/23	0910	11.9	21.0	97	10.7	99.6	7.8	3.0	0.106	0.010 U	0.020	0.017	1.8	45	0.010 U
95/06/28	0920	14.9	6.5	111	9.9	97.2	7.5	1.0	0.156	0.010 U	0.036	0.027	0.9	65	0.039
95/07/26	0635	17.9	4.0	133	9.0	95.0	7.7	2.0	0.250	0.030	0.052	0.043	0.9	11	0.152
95/08/30	0855	13.1	3.5	161	9.6	89.8	7.5	3.0	0.232	0.040	0.067	0.032	0.6	26	0.098
95/09/27	0835	13.8	4.8	168	9.1	87.6	7.6	2.0	0.188	0.010	0.055	0.035	0.8	560 J	0.039

Remarks: U,K - Below reporting limit; B - analyte in blank; X - background organisms; J - Estimate; S - Spreader colonies, P - below quantitation limit.

Station No.: 29E070 GILMER CR NR MOUTH Water Class: A Latitude: 45 51 56.0

Water Body No.: WA-29-3018 River Mile: 1.50 Longitude: 121 29 50.0

Date	Time	Temp (C)	Flow (CFS)	Conduc-tivity (umhos)	Oxygen (mg/L)	Oxygen Satur. (%)	pH (units)	Suspend Solids (mg/L)	TPN (mg/L)	NH3+NH4 Nitrog. (mg/L)	Total Phosph. (mg/L)	Dissol. Ortho P (mg/L)	Turbid-ity (NTU)	Fecal Colif. (#/100ml)	NO2+NO3 Nitrog. (mg/L)
94/10/25	0820	4.6	0.6	150	9.6	76.6	7.2	74.0	5.120	0.086	0.058	0.010	37.0	200	5.090
94/11/29	0845	5.6	4.8	102	12.0	98.5	7.7	3.0	2.410	0.010 U	0.031	0.014	3.9	77	1.960
94/12/29	0835	4.0	210.0	79	12.6	97.9	7.6	11.0	1.530	0.010 U	0.041	0.022	9.6	75	1.220
95/01/25	0905	3.6	56.0	86	12.7	99.3	8.3	7.0	0.404	0.010 U	0.020	0.021	7.1	44	1.830
95/02/28	0900	3.0	80.0	81	12.7	96.2	7.8	4.0	1.970	0.010 U	0.031	0.016	5.2	31 X	1.870
95/03/29	0840	4.4	9.5	88	12.2	96.4	7.5	2.0	2.120	0.010 U	0.012	0.009	3.3	71	1.910
95/04/26	0935	7.1	3.8	108	11.7	100.0	7.6	2.0	2.860	0.010 U	0.026	0.009	1.9	11	2.810
95/05/23	0845	10.8	6.2	120	10.4	96.9	7.5	3.0	2.830	0.016	0.010 U	0.006	2.9	110	2.610
95/06/28	0855	10.5	1.1	69	10.7	97.9	7.5	10.0	1.440	0.011	0.035	0.019	7.2	220 S	1.310
95/07/26	0550	12.0	5.8	100	10.7	101.2	7.1	37.0	3.380	0.020	0.060	0.023	15.0	830 J	3.210
95/08/30	0830	9.7	1.4	120	10.9	96.0	7.8	4.0	3.680	0.010 U	0.034	0.014	1.6	69	3.620
95/09/27	0810	11.7	1.5	146	10.2	95.1	7.4	2.0	5.380	0.011	0.031	0.017	1.4	560 J	5.310

Remarks: U,K - Below reporting limit; B - analyte in blank; X - background organisms; J - Estimate; S - Spreader colonies, P - below quantitation limit.

Station No.: 30A070 COLUMBIA R @ THE DALLES Water Class: A Latitude: 45 36 33.0
Water Body No.: WA-CR-1020 River Mile: 189.30 Longitude: 121 08 38.0

Date	Time	Temp (C)	Flow (CFS)	Conduc-tivity (umhos)	Oxygen (mg/L)	Oxygen Satur. (%)	pH (units)	Suspend Solids (mg/L)	TPN (mg/L)	NH3+NH4 Nitrog. (mg/L)	Total Phosph. (mg/L)	Dissol. Ortho P (mg/L)	Hardnes (mg/L)	Turbid-ity (NTU)	Fecal Colif. (#/100ml)
94/10/03	1130	18.0	88800.0	144	8.9	92.7	8.2	3.0	0.137	0.016	0.025	0.010 K		2.3	1 K
94/11/20	0800	2.1	77400.0	163	11.1	79.4	7.8		0.340	0.019	0.018	0.011	72	1.5	1 U
94/12/12	0740	4.7	150000.0	168	11.7	90.2	8.2	3.0	0.344	0.010 U	0.032	0.017		1.8	1
95/01/02	0730	5.5	118000.0	165	12.0	93.4	8.0	2.0	0.296	0.010 U	0.015	0.013	77	1.3	
95/02/13	0820	3.8	200500.0	280	12.8	97.1	7.9	9.0	0.583	0.016	0.035	0.026		11.0	2
95/03/12	1220	5.9	183800.0	166	12.7	102.0	8.2	7.0	0.557	0.010 U	0.024	0.022	71	8.3	1 U
95/04/10	0900	8.7	151000.0	155	11.9	101.2	8.0	7.0	0.513	0.016	0.042	0.017		5.9	4
95/05/08	0720	11.5	260000.0	172	11.7	107.0	8.5	13.0	0.433	0.010 U	0.044	0.005 U		8.4	5
95/06/12	0650	15.6	284300.0	122	10.1	99.9	7.3	11.0	0.327	0.015	0.033	0.008		5.6	1
95/07/10	0800	18.7	176900.0	117	8.9	93.7	7.7	247.0	0.662	0.031	0.116	0.022		210.0	360
95/08/14	0755	20.2	134700.0	151	8.8	95.0	8.3	8.0	0.255	0.041	0.022	0.010		4.8	3 U
95/09/11	0800	20.3	104700.0	150	8.6	92.6	8.0	11.0	0.196	0.031	0.014	0.008		3.8	4

30A070 Columbia R @ The Dalles continued: more parameters.

Date	Time	NO2+NO3 Nitrog. (mg/L)	Chrom-ium (ug/L)	Zinc (ug/L)	Mercury (ug/L)	Cadmium Dissol. (ug/L)	Copper Dissol. (ug/L)	Lead Dissol (ug/L)	Nickle Dissol. (ug/L)	Zinc Dissol. (ug/L)	Arsenic Tot Rec (ug/L)
94/10/03	1130	0.030									
94/11/20	0800	0.219	0.02 U	1.0	0.0010 U				1.000 U		1.360
94/12/12	0740	0.247									
95/01/02	0730	0.244	5.00 U		0.0010 U	0.022 P	0.837	0.027 P	0.330 P	2.100 P	30.000 U
95/02/13	0820	0.528									
95/03/12	1220	0.477	5.00 U		0.0010 U	0.030 U	0.920	0.028 P	0.583	1.100 P	30.000 U
95/04/10	0900	0.385									
95/05/08	0720	0.167									
95/06/12	0650	0.129									
95/07/10	0800	0.108									
95/08/14	0755	0.052									
95/09/11	0800	0.042									

Remarks: U,K - Below reporting limit; B - analyte in blank; X - background organisms; J - Estimate; S - Spreader colonies, P - below quantitation limit.

Station No.: 30B060 KLICKITAT R NR LYLE Water Class: A Latitude: 45 42 41.7

Water Body No.: WA-30-1010 River Mile: 1.80 Longitude: 121 15 53.5

Date	Time	Temp (C)	Flow (CFS)	Conductivity (umhos)	Oxygen (mg/L)	Oxygen Satur. (%)	pH (units)	Suspend Solids (mg/L)	TPN (mg/L)	NH3+NH4 Nitrog. (mg/L)	Total Phosph. (mg/L)	Dissol. Ortho P (mg/L)	Turbidity (NTU)	Fecal Colif. (#/100ml)	NO2+NO3 Nitrog. (mg/L)
94/10/03	0940	8.4	447.0	87	12.0	101.4	7.9	7.0	0.028	0.010 K	0.048	0.020	5.8	22	0.010 K
94/11/20	0930	0.7	673.0	87	13.7	94.3	7.3		0.113	0.010 U	0.028	0.021	2.2	4	0.039
94/12/12	0900	9.7	795.0	84	14.2	123.7	7.8	3.0	0.181	0.010 U	0.037	0.027	2.5	20	0.123
95/01/02	0900	1.1	1630.0	69	15.2	105.3	7.7	7.0	0.313	0.010 U	0.039	0.019	4.7	12	0.227
95/02/13	0910	0.8	2900.0	104	14.9	105.0	8.0	11.0	0.375	0.010 U	0.043	0.022	6.8	5	0.324
95/03/12	1000	5.9	3780.0	66	13.1	105.5	8.0	22.0	0.209	0.010 U	0.039	0.022	7.7	6	0.136
95/04/10	0800	6.1	2210.0	67	13.9	111.1	7.7	4.0	0.130	0.010 U	0.032	0.015	2.3	14	0.035
95/05/08	0800	9.0	3040.0	75	12.2	105.6	8.1	11.0	0.151	0.010 U	0.046	0.010	3.7	15	0.010 U
95/06/12	0730	11.1	1900.0	60	11.3	101.7	8.0	6.0	0.118	0.010 U	0.035	0.012	3.0	22	0.013
95/07/10	0850	12.3	1720.0	60	9.9	91.5	8.0	38.0	0.151	0.022	0.079	0.021	20.0	150 J	0.025
95/08/14	0710	11.9	820.0	86	11.4	103.7	8.4	4.0	0.051	0.014	0.029	0.024	3.4	16	0.010 U
95/09/11	0715	14.3	743.0	82	10.8	103.0	8.0	7.0	0.030	0.010 U	0.047	0.023	4.7	10	0.010 U

Remarks: U,K - Below reporting limit; B - analyte in blank; X - background organisms; J - Estimate; S - Spreader colonies, P - below quantitation limit.

Station No.: 30C070 LITTLE KLICKITAT NR WAHKIACUS Water Class: A Latitude: 45 50 38.0

Water Body No.: WA-30-1020 River Mile: 0.20 Longitude: 121 03 32.0

Date	Time	Temp (C)	Flow (CFS)	Conductivity (umhos)	Oxygen (mg/L)	Oxygen Satur. (%)	pH (units)	Suspend Solids (mg/L)	TPN (mg/L)	NH3+NH4 Nitrog. (mg/L)	Total Phosph. (mg/L)	Dissol. Ortho P (mg/L)	Turbidity (NTU)	Fecal Colif. (#/100ml)	NO2+NO3 Nitrog. (mg/L)
94/10/03	1020	8.9	37.0	151	11.9	103.5	8.2	2.0	0.137	0.010 K	0.078	0.035	2.1	180	0.055
94/11/20	1020	1.5	42.0	126	13.2	94.8	8.2		0.641	0.010 U	0.058	0.090	2.0	60	0.482
94/12/12	0950	1.4	700.0	108	13.3	95.6	8.0	1.0	0.918	0.010 U	0.057	0.035	3.8	210 J	0.807
95/01/02	1010	0.4	500.0	96	14.2	98.1	7.8	4.0	1.380	0.024	0.043	0.029	6.5	12	1.170 J
95/02/13	1000	0.4	1350.0 J	145	13.9	98.2	7.6	9.0	1.760	0.010 U	0.056	0.030	12.0	17	1.620
95/03/12	1100	6.3	1400.0 J	96	11.9	98.2	8.1	9.0	1.070	0.010 U	0.050	0.030	10.0	19	1.040
95/04/10	0710	6.6	200.0	98	11.9	97.8	7.2	4.0	0.815	0.010 U	0.055	0.018	4.9	15	0.693
95/05/08	0830	11.4	500.0	110	11.6	107.6	8.0	11.0	0.503	0.010 U	0.078	0.014	7.3	67	0.238
95/06/12	0810	13.1	120.0	98	10.1	96.3	7.8	9.0	0.379	0.017	0.057	0.025	5.9	88	0.186
95/07/10	0930	15.7	115.0	107	10.2	103.1	7.8	13.0	0.484	0.016	0.102	0.041	10.0	400 S	0.165
95/08/14	0605	12.6	23.0	142	10.3	96.7	7.3	5.0	0.206	0.011	0.045	0.031	4.1	40	0.087
95/09/11	0615	15.4	27.0	137	9.4	93.2	7.6	8.0	0.316	0.014	0.096	0.040	6.6	75	0.143

Remarks: U,K - Below reporting limit; B - analyte in blank; X - background organisms; J - Estimate; S - Spreader colonies, P - below quantitation limit.

Station No.: 31A070 COLUMBIA R @ UMATILLA Water Class: A Latitude: 45 55 53.0

Water Body No.: WA-CR-1020 River Mile: 290.50 Longitude: 119 19 24.0

Date	Time	Temp (C)	Flow (CFS)	Conduc-tivity (umhos)	Oxygen (mg/L)	Oxygen Satur. (%)	pH (units)	Suspend Solids (mg/L)	TPN (mg/L)	NH3+NH4 Nitrog. (mg/L)	Total Phosph. (mg/L)	Dissol. Ortho P (mg/L)	Hardnes (mg/L)	Turbid-ity (NTU)	Fecal Colif. (#/100ml)
94/10/03	1520	18.2	70000.0	148	10.2	108.2	8.7	6.0	0.148	0.010 K	0.019	0.010 K		2.6	15
94/11/20	1330	8.2	97200.0	175	11.2	94.5	8.2		0.367	0.010 U	0.012	0.011	74	1.5	3 U
94/12/12	1340	5.2	121000.0	160	11.6	91.5	8.3	2.0	0.295	0.010 U	0.027	0.013		1.4	3 X
95/01/02	1350	5.5	98600.0	170	12.5	97.8	8.2	2.0	0.326	0.010 U	0.012	0.012	77	2.3	3
95/02/13	1450	3.4	175800.0	246	12.7	96.3	7.7	10.0	0.693	0.010 U	0.029	0.019		14.0	3 X
95/03/12	1530	4.3	137100.0	164	12.7	98.6	8.1	5.0	0.562	0.010 U	0.029	0.020	73	6.3	5
95/04/10	1135	8.2	109000.0	146	12.0	101.9	8.2	5.0	0.470	0.010 U	0.046	0.012		6.0	5 X
95/05/08	1300	10.6	225200.0	163	12.4	112.2	8.2	8.0	0.292	0.010 U	0.058	0.005 U		4.8	4
95/06/12	1250	15.0	297700.0	105	11.5	113.8	8.0	8.0	0.265	0.010 U	0.022	0.005 U		5.0	10
95/07/10	1410	18.9	199000.0	114	9.6	102.9	8.0	8.0	0.285	0.012	0.029	0.005 U		4.9	2
95/08/14	1040	19.5	133000.0	153	9.3	100.2	8.2	7.0	0.231	0.015	0.028	0.005 U		4.8	5
95/09/11	1030	20.3	110000.0	153	9.2	99.9	8.3	6.0	0.239	0.012	0.012	0.005 U		3.5	5

31A070 Columbia R @ Umatilla continued: more parameters.

Date	Time	NO2+NO3 Nitrog. (mg/L)	Chrom-ium (ug/L)	Zinc (ug/L)	Mercury (ug/L)	Cadmium Dissol. (ug/L)	Copper Dissol. (ug/L)	Lead Dissol (ug/L)	Nickle Dissol. (ug/L)	Zinc Dissol. (ug/L)	Arsenic Tot Rec (ug/L)
94/10/03	1520	0.023									
94/11/20	1330	0.258	0.02 U	4.2 P	0.0010 P				1.000 U		1.440
94/12/12	1340	0.220									
95/01/02	1350	0.255	5.00 U		0.0010 U	0.078 P	1.020	0.120 P	0.370 P	1.400 P	30.000 U
95/02/13	1450	0.505									
95/03/12	1530	0.480	5.00 U		0.0010 U	0.030 U	0.954	0.034 P	0.535	3.400 P	30.000 U
95/04/10	1135	0.314									
95/05/08	1300	0.184									
95/06/12	1250	0.092									
95/07/10	1410	0.085									
95/08/14	1040	0.077									
95/09/11	1030	0.085									

Remarks: U,K - Below reporting limit; B - analyte in blank; X - background organisms; J - Estimate; S - Spreader colonies, P - below quantitation limit.

Station No.: 32A070 WALLA WALLA R NR TOUCHET Water Class: B Latitude: 46 02 16.0
Water Body No.: WA-32-1010 River Mile: 15.30 Longitude: 118 45 55.0

Date	Time	Temp (C)	Flow (CFS)	Conduc-tivity (umhos)	Oxygen (mg/L)	Oxygen Satur. (%)	pH (units)	Suspend Solids (mg/L)	TPN (mg/L)	NH3+NH4 Nitrog. (mg/L)	Total Phosph. (mg/L)	Dissol. Ortho P (mg/L)	Turbid-ity (NTU)	Fecal Colif. (#/100ml)	NO2+NO3 Nitrog. (mg/L)
94/10/03	1620	15.1	7.7	747	11.5	115.1	8.5	10.0	1.340	0.018	0.055	0.010 K	6.0	66	1.030
94/11/20	1500	3.7	293.0	160	12.4	94.1	8.0		1.234	0.015	0.100	0.074	11.0	34	0.943
94/12/12	1440	2.0	460.0	138	12.7	92.8	7.6	22.0	1.184	0.049	0.113	0.091	12.0	36	0.885
95/01/02	1535	0.6	732.0	112	13.9	95.9	7.6	34.0	0.990	0.031	0.098	0.066	12.0	63	0.860
95/02/13	1540	3.2	989.0	167	13.5	102.2	7.6	77.0	1.260	0.036	0.142	0.059	23.0	53	1.180
95/03/12	1650	9.2	1820.0	91	11.1	97.6	7.6	409.0	0.964	0.010 U	0.414	0.054	150.0	140	0.777
95/04/10	1335	9.3	989.0	112	11.1	97.2	8.0	125.0	1.070	0.026	0.145	0.054	35.0	220	0.838
95/05/08	1440	11.6	1700.0	104	10.3	96.0	7.9	211.0	0.676	0.010 U	0.176	0.044	65.0	250	0.493
95/06/12	1400	22.1	158.0	210	11.2	128.1	8.9	14.0	0.645	0.022	0.080	0.033	5.5	96	0.225
95/07/10	1550	24.7	90.0	273	8.9	107.5	8.1	35.0	1.020	0.025	0.165	0.076	27.0	210	0.537
95/08/14	1245	20.4	29.0	500	9.4	103.8	8.3	14.0	0.889	0.026	0.190	0.088	4.5	23	0.619
95/09/11	1150	21.1	11.0	353	8.3	92.0	8.1	32.0	0.733	0.018	0.210	0.069	11.0	51	0.323

Remarks: U,K - Below reporting limit; B - analyte in blank; X - background organisms; J - Estimate; S - Spreader colonies, P - below quantitation limit.

Station No.: 33A050 SNAKE R NR PASCO Water Class: A Latitude: 46 13 00.0

Water Body No.: WA-33-1010 River Mile: 2.20 Longitude: 119 01 20.0

Date	Time	Temp (C)	Flow (CFS)	Conduc-tivity (umhos)	Oxygen (mg/L)	Oxygen Satur. (%)	pH (units)	Suspend Solids (mg/L)	TPN (mg/L)	NH3+NH4 Nitrog. (mg/L)	Total Phosph. (mg/L)	Dissol. Ortho P (mg/L)	Turbid-ity (NTU)	Fecal Colif. (#/100ml)	NO2+NO3 Nitrog. (mg/L)
94/10/03	1720	17.9	10200.0	238	8.8	93.1	8.1	5.0	0.355	0.010 K	0.071	0.032	2.9	23	0.024
94/11/20	1600	8.6	12500.0	335	10.9	93.6	8.2		0.813	0.010 U	0.064	0.049	2.4	6	0.617
94/12/12	1550	4.2	11100.0	338	11.4	88.3	8.1	4.0	0.812	0.010 U	0.038	0.051	1.9	8	0.675
95/01/02	1635	4.3	20000.0	335	11.9	90.9	8.1	5.0	0.812	0.012	0.036	0.043	2.9	4	0.698
95/02/13	1640	3.0	49950.0	450	12.9	97.2	8.1	8.0	1.180	0.010 U	0.073	0.042	12.0	3	1.230
95/03/12	1745	6.3	43800.0	200	11.8	96.7	7.9	6.0	0.962	0.010 U	0.068	0.044	11.0	2	0.853
95/04/10	1500	9.3	68000.0	178	12.6	110.6	8.0	11.0	0.897	0.014	0.138	0.038	11.0	6	0.692
95/05/08	1500	11.0	130500.0	144	14.0	128.7	8.0	14.0	0.426	0.010 U	0.036	0.013	11.0	6	0.243
95/06/12	1620	14.4	97800.0	99	12.1	119.4	8.3	11.0	0.336	0.017	0.039	0.012	8.9	1 U	0.134
95/07/10	1710	20.9	88000.0	131	10.4	117.0	8.2	12.0	0.401	0.014	0.047	0.018	6.5	1	0.204
95/08/14	1410	20.7	35000.0	161	10.3	114.9	8.2	10.0	0.373	0.033	0.038	0.021	6.4	12	0.196
95/09/11	1250	19.5	33500.0	155	8.7	93.6	8.0	5.0	0.343	0.015	0.041	0.019	4.6	7	0.164

Remarks: U,K - Below reporting limit; B - analyte in blank; X - background organisms; J - Estimate; S - Spreader colonies, P - below quantitation limit.

Station No.: 34A070 PALOUSE R @ HOOPER Water Class: B Latitude: 46 45 33.0

Water Body No.: WA-34-1010 River Mile: 19.50 Longitude: 118 08 49.0

Date	Time	Temp (C)	Flow (CFS)	Conductivity (umhos)	Oxygen (mg/L)	Oxygen Satur. (%)	pH (units)	Suspend Solids (mg/L)	TPN (mg/L)	NH3+NH4 Nitrog. (mg/L)	Total Phosph. (mg/L)	Dissol. Ortho P (mg/L)	Turbidity (NTU)	Fecal Colif. (#/100ml)	NO2+NO3 Nitrog. (mg/L)
94/10/09	1245	13.5	21.0	389	12.1	120.3	8.8	40.0	0.804	0.010	0.145	0.010 K	35.0	200 J	0.332
94/11/06	1250	4.6	179.0	214	12.0	97.2	7.7 J	64.0	2.510	0.170	0.086	0.005 K	130.0	63	1.940
94/12/04	1300	0.1	448.0	204	13.8	97.1	7.9	114.0	4.710	0.115	0.091	0.155	140.0	1200	4.190
95/02/05	1235	5.4	2540.0	150	12.1	98.3	7.7	444.0	3.480	0.045	0.348	0.076	130.0	38	2.920
95/03/05	1240	3.8	1040.0	213	12.5	98.5	8.0	49.0	4.160	0.010 U	0.116	0.101	26.0	8	4.010
95/04/02	1315	9.6	963.0	235	11.0	98.9	8.2	39.0	4.000	0.031	0.133	0.069	31.0	8	3.860
95/05/01	1250	14.6	459.0	229	10.8	110.8	9.1	10.0				0.014	5.2	21	
95/06/04	1320	22.5	172.0	289	9.4	111.6	8.5	38.0	1.440	0.023	0.205	0.085	21.0	67	1.210
95/07/09	0930	23.8	153.0	308	7.3	89.4	8.1	33.0	1.630	0.092	0.244	0.147	30.0	86	0.870
95/08/06	1300	22.4	27.0	354	9.6	115.2	8.8	68.0	0.738	0.056	0.119	0.053	60.0	110	0.230
95/09/04	0910	19.4	31.0	379	8.0	88.5	8.4	54.0	0.889	0.030	0.152	0.045	40.0	23	0.380
95/10/01	1250	14.1		390	9.9	98.4	8.3	65.0	1.240	0.084	0.182	0.074	60.0	190	0.865

Remarks: U,K - Below reporting limit; B - analyte in blank; X - background organisms; J - Estimate; S - Spreader colonies, P - below quantitation limit.

Station No.: 34A170 PALOUSE R @ PALOUSE Water Class: A Latitude: 46 54 37.0

Water Body No.: WA-34-1030 River Mile: 121.20 Longitude: 117 04 08.0

Date	Time	Temp (C)	Flow (CFS)	Conduc-tivity (umhos)	Oxygen (mg/L)	Oxygen Satur. (%)	pH (units)	Suspend Solids (mg/L)	TPN (mg/L)	NH3+NH4 Nitrog. (mg/L)	Total Phosph. (mg/L)	Dissol. Ortho P (mg/L)	Turbid-ity (NTU)	Fecal Colif. (#/100ml)	NO2+NO3 Nitrog. (mg/L)
94/10/10	0900	8.7	68.0	97	10.1	93.7	7.8	6.0	0.301	0.010 K	0.020	0.010 K	7.3	29	0.010 K
94/11/07	0840	1.8	28.0	74	11.6	90.1	7.3	2.0	0.454	0.010 K	0.055	0.024	11.0	88	0.156
94/12/05	0900	0.2	91.0	83	13.0	97.0	7.5	4.0	1.380	0.033	0.099	0.037	16.0	88 S	1.210
95/01/09	0815	0.2	80.0	75	12.1	91.1	7.2	11.0	0.722	0.028	0.080	0.034	22.0	120 S	0.504
95/02/06	0850	3.7	942.0	50	11.6	94.2	7.1	41.0	0.747	0.014	0.091	0.033	30.0	46	0.538
95/03/06	0855	1.4	292.0	61	12.4	95.2	7.3	13.0	0.660	0.010 U	0.044	0.021	13.0	24	0.539
95/04/03	0900	5.4	287.0	58	11.0	94.1	7.8	7.0	0.519	0.016	0.050	0.018	9.8	31 S	0.347
95/05/02	0910	9.5	144.0	60	10.6	101.1	7.2	6.0				0.013	6.7	100	
95/06/05	0710	19.3	42.0	75	6.9	80.5	7.7	6.0	0.310	0.028	0.081	0.030	4.1	180 S	0.022
95/07/10	0600	22.2	34.0	79	6.3	76.5	7.8	3.0	0.294	0.016	0.051	0.022	2.2	500	0.010 U
95/08/07	0845	19.9	9.0	89	5.9	70.2	7.7	7.0	0.309	0.026	0.060	0.032	7.2	4700 J	0.019
95/09/05	0600	18.8	8.0	85	7.1	80.7	8.7	5.0	0.306	0.010 U	0.023	0.010	3.2	110	0.010 U

Remarks: U,K - Below reporting limit; B - analyte in blank; X - background organisms; J - Estimate; S - Spreader colonies, P - below quantitation limit.

Station No.: 34B110 SF PALOUSE R @ PULLMAN Water Class: A Latitude: 46 43 58.0

Water Body No.: WA-34-1020 River Mile: 22.20 Longitude: 117 10 48.0

Date	Time	Temp (C)	Flow (CFS)	Conduc-tivity (umhos)	Oxygen (mg/L)	Oxygen Satur. (%)	pH (units)	Suspend Solids (mg/L)	TPN (mg/L)	NH3+NH4 Nitrog. (mg/L)	Total Phosph. (mg/L)	Dissol. Ortho P (mg/L)	Turbid-ity (NTU)	Fecal Colif. (#/100ml)	NO2+NO3 Nitrog. (mg/L)
94/10/10	0815	9.5	4.0	735	7.1	67.1	7.8	2.0	8.260	0.010 K	2.930	2.630	7.4	79	7.680
94/11/07	0805	5.2	22.0	437	9.0	76.1	7.6	3.0	6.750	0.270	0.904	1.070	11.0	600 J	5.650
94/12/05	0805	0.2	25.0	429	11.4	84.9	7.8	8.0	4.850	0.092	0.756	0.706	15.0	540	2.940
95/01/09	0735	2.0	68.0	324	11.5	90.8	7.6	213.0	3.660	0.318		0.508	150.0	19000 J	3.010
95/02/06	0810	5.4	80.0	243	10.7	90.7	7.6	29.0	7.670	0.181	0.369	0.258	39.0	54	6.110
95/03/06	0815	2.1	44.0	303	11.8	92.1	7.7	11.0	7.410	0.372	0.380	0.309	22.0	1000 J	6.440
95/04/03	0810	6.7	38.0	315	10.3	90.7	7.7	14.0	6.930	0.173	0.422	0.273	16.0	32	6.400
95/05/02	0820	10.8	26.0	391	9.2	90.3	7.4	7.0				0.622	6.8	240	
95/06/05	0620	16.4	8.0	412	6.6	72.5	7.8	19.0	4.060	0.086	1.430	0.906	9.1	2100 J	3.430
95/07/10	0530	19.0	18.0	632	6.2	70.8	7.4	71.0	6.520	0.054	1.470	1.500	35.0	5600 J	4.870
95/08/07	0745	16.1	59.0	194	5.3	58.4	7.5	175.0	1.380	0.138	0.522 J	0.482	85.0	14000	0.612
95/09/05	0500	15.8	9.0	658	5.3	56.7	7.9	3.0	2.630	0.022	2.600	2.490	2.3	240	2.110

Remarks: U,K - Below reporting limit; B - analyte in blank; X - background organisms; J - Estimate; S - Spreader colonies, P - below quantitation limit.

Station No.: 35A150 SNAKE R @ INTERSTATE BR Water Class: A Latitude: 46 25 15.0

Water Body No.: WA-35-1010 River Mile: 139.60 Longitude: 117 02 05.0

Date	Time	Temp (C)	Flow (CFS)	Conduc-tivity (umhos)	Oxygen (mg/L)	Oxygen Satur. (%)	pH (units)	Suspend Solids (mg/L)	TPN (mg/L)	NH3+NH4 Nitrog. (mg/L)	Total Phosph. (mg/L)	Dissol. Ortho P (mg/L)	Turbid-ity (NTU)	Fecal Colif. (#/100ml)	NO2+NO3 Nitrog. (mg/L)
94/10/09	1525	16.7	15000.0	394	9.2	97.2	8.4	2.0	0.788	0.010 K	0.072	0.064	1.0	1	0.596
94/11/06	1545	9.0	14000.0	387	10.7	95.5	8.3	2.0	0.849		0.049	0.043	1.4	1 U	0.709
94/12/04	1650	5.2	15200.0	378	12.1	96.4	8.3	4.0	1.070	0.010 U	0.029	0.045	2.0	3	0.881
95/01/08	1600	2.5	17300.0	427	12.9	97.6	8.1	3.0	1.290	0.010 U	0.083	0.043	2.0	1 U	1.150
95/02/05	1550	5.4	35500.0	274	12.6	101.2	8.1	15.0	1.040	0.026	0.048	0.050	13.0	8 S	0.917
95/03/05	1530	5.5	29700.0	286	11.8	96.0	8.2	4.0	1.200	0.010 U	0.071	0.056	6.5	2	1.020
95/04/02	1605		29200.0	259	11.8	82.3	8.3	9.0	1.080	0.010 U	0.060	0.029	6.4	2	0.672
95/05/01	1550	10.4	45200.0	167	10.6	98.1	8.0	38.0				0.021	25.0	130	
95/06/04	1625	14.0	112000.0	116	10.6	105.7	8.1	57.0	0.326	0.023	0.116	0.011	21.0	80 S	0.151
95/07/09	1305	19.2	59900.0	184	9.2	102.8	8.3	10.0	0.369	0.024	0.041	0.014	5.6	12	0.173
95/08/06	1600	22.8	26300.0	226	8.6	103.0	8.3	3.0	0.417	0.023	0.039	0.027	2.2	9	0.271
95/09/04	1240	21.3	20100.0	309	8.4	95.4	8.3	5.0	0.663	0.010 U	0.065	0.039	2.1	4	0.467
95/10/01	1600	17.2		386	9.3	97.8	8.3	3.0	0.860	0.047	0.078	0.056	2.0	1	0.654

Remarks: U,K - Below reporting limit; B - analyte in blank; X - background organisms; J - Estimate; S - Spreader colonies, P - below quantitation limit.

Station No.: 35B060 TUCANNON R @ POWERS Water Class: A Latitude: 46 32 18.0
Water Body No.: WA-35-2010 River Mile: 2.30 Longitude: 118 09 18.0

Date	Time	Temp (C)	Flow (CFS)	Conduc-tivity (umhos)	Oxygen (mg/L)	Oxygen Satur. (%)	pH (units)	Suspend Solids (mg/L)	TPN (mg/L)	NH3+NH4 Nitrog. (mg/L)	Total Phosph. (mg/L)	Dissol. Ortho P (mg/L)	Turbid-ity (NTU)	Fecal Colif. (#/100ml)	NO2+NO3 Nitrog. (mg/L)
94/10/09	1345	13.7		154	10.9	106.9	8.5	3.0	0.209	0.010 K	0.028	0.017	1.3	24	0.130
94/11/06	1350	8.0		142	11.3	97.7	7.6 J	14.0	0.623	0.010 K	0.068	0.042	9.4	650	0.557
94/12/04	1445	2.7	227.0	117	13.3	98.4	7.8	25.0	0.757	0.010 U	0.082	0.040	11.0	41	0.523
95/01/08	1420	4.7	101.0	133	12.4	98.8	7.8	10.0	0.710	0.010 U	0.059	0.042	5.4	120	0.589
95/02/05	1355	8.4	497.0	99	11.4	97.7	7.6	121.0	0.799	0.021	0.172	0.048	45.0	43	0.603
95/03/05	1350	6.8	201.0	117	11.9	99.4	7.8	27.0	0.785	0.010 U	0.063	0.041	11.0	16	0.698
95/04/02	1425	11.8	184.0	126	10.8	100.5	8.2	19.0	0.707	0.010 U	0.062	0.032	8.5	7	0.568
95/05/01	1350	10.9	221.0	108	11.5	106.8	8.6	19.0				0.016	5.4	61	
95/06/04	1440	18.4	212.0	90	9.8	106.1	8.4	26.0	0.251	0.018	0.088	0.030	6.4	52	0.086
95/07/09	1050	20.9	84.0	157	8.7	99.4	8.1	526.0	1.260	0.037	0.114	0.100	450.0	2000	0.392
95/08/06	1415	22.6	44.0	148	9.8	116.2	8.7	13.0	0.232	0.021	0.056	0.047	4.5	57	0.155
95/09/04	1035	18.2	53.0	161	9.4	99.6	8.2	19.0	0.423	0.010 U	0.067	0.036	6.3	220	0.286
95/10/01	1355	14.9		147	11.8	117.1	8.7	6.0	0.279	0.100	0.069	0.036	2.1	14	0.119

Remarks: U,K - Below reporting limit; B - analyte in blank; X - background organisms; J - Estimate; S - Spreader colonies, P - below quantitation limit.

Station No.: 36A070 COLUMBIA R NR VERNITA Water Class: A Latitude: 46 38 34.0

Water Body No.: WA-CR-1030 River Mile: 388.10 Longitude: 119 43 54.0

Date	Time	Temp (C)	Flow (CFS)	Conduc-tivity (umhos)	Oxygen (mg/L)	Oxygen Satur. (%)	pH (units)	Suspend Solids (mg/L)	TPN (mg/L)	NH3+NH4 Nitrog. (mg/L)	Total Phosph. (mg/L)	Dissol. Ortho P (mg/L)	Turbid-ity (NTU)	Fecal Colif. (#/100ml)	NO2+NO3 Nitrog. (mg/L)
94/10/04	0940	16.6	62500.0	129	9.7	99.6	8.3	2.0	0.126	0.010 K	0.014	0.010 K	0.9	6	0.069
94/11/21	1150	9.8	111800.0	123	10.7	93.5	8.2	2.0	0.175	0.010 U	0.010 U	0.010 U	0.9	1 U	0.105
94/12/13	1100	6.3	107200.0	130	11.3	92.0		2.0	0.137	0.010 U	0.022	0.005 U	0.9	1 U	0.095
95/01/03	1100	5.3	153200.0	140	12.0	94.4	8.1	2.0	0.158	0.010 U	0.010 U	0.005 U	0.8	1 U	0.098
95/02/14	1100	2.4	121900.0	196	12.9	95.9	7.9	4.0	0.212	0.010 U	0.014	0.005	5.4	1	0.166
95/03/13	1050	3.7	115200.0	140	13.2	101.6	8.2	3.0	0.301	0.010 U	0.010 U	0.005	3.6	1 U	0.251
95/04/11	0955	6.7	92500.0	138	12.8	105.5	8.1	3.0	0.290	0.010 U	0.010 U	0.005 U	3.5	5	0.144
95/05/09	0930	9.9	95000.0	132	13.0	115.8	8.0	4.0	0.293	0.010 U	0.018	0.039	2.7	1	0.112
95/06/13	1000	13.3	161900.0	116	10.7	102.5	7.8	3.0	0.153	0.013	0.012	0.005 U	2.3	4	0.058
95/07/11	1050	17.1	148800.0	113	10.3	107.2	8.0	3.0	0.155	0.010 U	0.012	0.005 U	1.8	13	0.052
95/08/15	0915	18.6	87000.0	152	10.2	109.2	8.1	2.0	0.133	0.016	0.010 U	0.005 U	1.5	1	0.029
95/09/12	0915	19.6	66000.0	145	9.4	101.4	8.2	3.0	0.172	0.011	0.010 U	0.005 U	1.2	3	0.079

Remarks: U,K - Below reporting limit; B - analyte in blank; X - background organisms; J - Estimate; S - Spreader colonies, P - below quantitation limit.

Station No.: 37A090 YAKIMA R @ KIONA Water Class: A Latitude: 46 15 13.0

Water Body No.: WA-37-1010 River Mile: 29.80 Longitude: 119 28 37.0

Date	Time	Temp (C)	Flow (CFS)	Conduc-tivity (umhos)	Oxygen (mg/L)	Oxygen Satur. (%)	pH (units)	Suspend Solids (mg/L)	TPN (mg/L)	NH3+NH4 Nitrog. (mg/L)	Total Phosph. (mg/L)	Dissol. Ortho P (mg/L)	Turbid-ity (NTU)	Fecal Colif. (#/100ml)	NO2+NO3 Nitrog. (mg/L)
94/10/04	0720	12.1	982.0	307	9.0	84.0	8.2	33.0	1.580	0.010 K	0.176	0.117	16.0	53 S	1.390
94/11/21	0750	1.1	1670.0	273	12.6	88.1	8.1	7.0	0.859	0.010 U	0.073	0.057	4.4	11	0.816
94/12/13	0840	3.4	2150.0	226	12.6	95.2		8.0	1.350	0.017	0.065	0.050	4.6	36	0.988
95/01/03	0750	0.1	3890.0	169	14.4	99.2	7.9	13.0	0.760	0.026	0.063	0.043	8.0	32	0.674
95/02/14	0740	0.0	7030.0	241	13.8	95.8	7.6	49.0	0.737	0.022	0.099	0.050	19.0	23	0.649
95/03/13	0740	7.4	7820.0	144	11.5	96.8	7.9	94.0	0.558	0.010 U	0.057	0.043	30.0	40	0.466
95/04/11	0645	9.3	5580.0	144	10.9	95.8	7.6	21.0	0.397	0.016	0.092	0.025	9.1	21	0.268
95/05/09	0720	13.2	8000.0	140	9.6	92.1	8.1	131.0	0.557	0.010 U	0.185	0.005 U	25.0	300	0.372
95/06/13	0740	17.3	2840.0	214	8.4	87.5	8.2	44.0	1.300	0.039	0.127	0.051	20.0	220 S	0.953
95/07/11	0740	20.3	3150.0	203	7.8	86.5	8.1	86.0	1.820	0.044	0.187	0.069	32.0	250 X	1.210
95/08/15	0555	19.5	1910.0	267	8.3	90.5	7.7	28.0	1.520	0.034	0.075	0.070	15.0	290	1.330
95/09/12	0600	19.5	2460.0	239	8.2	88.1	7.8	33.0	1.570	0.031	0.252	0.097	17.0	230	1.250

Remarks: U,K - Below reporting limit; B - analyte in blank; X - background organisms; J - Estimate; S - Spreader colonies, P - below quantitation limit.

Station No.: 37A205 YAKIMA R @ KNOB HILL Water Class: A Latitude: 46 34 57.0

Water Body No.: WA-37-1040 River Mile: 111.30 Longitude: 120 32 18.0

Date	Time	Temp (C)	Flow (CFS)	Conduc-tivity (umhos)	Oxygen (mg/L)	Oxygen Satur. (%)	pH (units)	Suspend Solids (mg/L)	TPN (mg/L)	NH3+NH4 Nitrog. (mg/L)	Total Phosph. (mg/L)	Dissol. Ortho P (mg/L)	Turbid-ity (NTU)	Fecal Colif. (#/100ml)	NO2+NO3 Nitrog. (mg/L)
94/10/04	0840	11.4	2130.0	112	9.9	92.8	8.0	10.0	0.185	0.010 K	0.055	0.028	5.2	13	0.116
94/11/21	1030	0.3	1240.0	140	14.5	101.5	8.2	4.0	0.230	0.010 U	0.037	0.033	1.7	3	0.122
94/12/13	1000	0.0	1370.0	124	13.4	94.0		5.0	0.215	0.010 U	0.027	0.012	2.2	5	0.167
95/01/03	0945	0.0	3050.0	108	15.0	104.6	7.7	6.0	0.243	0.010 U	0.018	0.011	3.1	8	0.169
95/02/14	0950	0.2	4450.0	168	14.4	102.6	7.5	10.0	0.336	0.010 U	0.038	0.018	6.8	2	0.290
95/03/13	0930	5.3	5710.0	103	11.9	97.4	8.0	18.0	0.212	0.010 U	0.028	0.014	9.8	17	0.131
95/04/11	0830	5.5	4770.0	97	11.9	97.1	8.1	10.0	0.148	0.010 U	0.075	0.007	5.8	14	0.011
95/05/09	0830	9.6	7480.0	83	10.8	97.5	7.9	66.0	0.389	0.010 U	0.110	0.027	45.0	72	0.085
95/06/13	0900	12.7	3770.0	94	10.0	96.5	8.3	12.0	0.281	0.014	0.046	0.020	6.4	83 S	0.132
95/07/11	0930	14.2	3940.0	83	9.9	99.0	8.3	14.0	0.391	0.022	0.049	0.020	6.0	64	0.172
95/08/15	0750	16.2	3410.0	103	9.2	95.5	8.3	12.0	0.256	0.016	0.031	0.019	4.0	32	0.130
95/09/12	0750	15.4	2900.0	104	9.1	91.6	8.1	19.0	0.298	0.014	0.061	0.022	12.0	36	0.132

Remarks: U,K - Below reporting limit; B - analyte in blank; X - background organisms; J - Estimate; S - Spreader colonies, P - below quantitation limit.

Station No.: 39A090 YAKIMA R NR CLE ELUM Water Class: AA Latitude: 47 11 10.0

Water Body No.: WA-39-1060 River Mile: 191.00 Longitude: 121 02 30.0

Date	Time	Temp (C)	Flow (CFS)	Conduc-tivity (umhos)	Oxygen (mg/L)	Oxygen Satur. (%)	pH (units)	Suspend Solids (mg/L)	TPN (mg/L)	NH3+NH4 Nitrog. (mg/L)	Total Phosph. (mg/L)	Dissol. Ortho P (mg/L)	Turbid-ity (NTU)	Fecal Colif. (#/100ml)	NO2+NO3 Nitrog. (mg/L)
94/10/09	0840	10.1	439.0	50	9.8	92.6	8.0	1.0 K	0.069	0.025	0.010 K	0.010 K	0.6	10	0.026
94/11/06	0935	4.8	492.0	69	11.2	93.8	7.1 J	2.0	0.123	0.010 K	0.010 U		2.1	7	
94/12/04	0915	1.1	979.0	63	12.5	93.4	7.1	3.0	0.105	0.010 U	0.018	0.005 U	2.0	6	0.048
95/01/08	0945	1.0	390.0	67	12.4	94.4	7.3	1.0	0.070	0.010 U	0.016	0.005	0.7	3	0.037
95/02/05	0945	3.3	987.0	62	12.2	100.6	7.2	3.0	0.112	0.014	0.010 U	0.005 U	2.4	1 U	0.026
95/03/05	0945	2.8	640.0	66	12.1	96.5	7.4	3.0	0.091	0.010 U	0.011	0.005	1.6	1 U	0.041
95/04/02	1020	5.7	827.0	64	12.2	103.1	7.5	2.0	0.065	0.010 U	0.013	0.005 U	1.7	1	0.010 U
95/05/01	0935	5.9	1656.0	45	11.4	98.6	7.3	5.0				0.005 U	3.5	1	
95/06/04	1005	10.1	3050.0	52	10.9	103.1	7.1	4.0	0.085	0.025	0.010 U	0.005 U	1.9	5	0.010 U
95/07/09	0620	12.7	3280.0	56	9.4	94.6	6.9	3.0	0.087	0.010 U	0.014	0.005 U	1.7	160	0.035
95/08/06	1005	16.0	4310.0	49	8.8	95.7	7.4	4.0	0.051	0.012	0.010 U	0.010	2.3	39	0.010 U
95/09/04	0610	15.8	2828.0	53	8.8	93.3	7.2	3.0	0.032	0.010 U	0.010 U	0.005 U	1.3	25	0.010 U
95/10/01	0955	12.0		59	9.7	94.9	8.1	1.0	0.102	0.044	0.016	0.005 U	0.8	13	0.010 U

Remarks: U,K - Below reporting limit; B - analyte in blank; X - background organisms; J - Estimate; S - Spreader colonies, P - below quantitation limit.

Station No.: 41A070 CRAB CR NR BEVERLY Water Class: B Latitude: 46 49 53.0

Water Body No.: WA-41-1010 River Mile: 6.00 Longitude: 119 48 54.0

Date	Time	Temp (C)	Flow (CFS)	Conductivity (umhos)	Oxygen (mg/L)	Oxygen Satur. (%)	pH (units)	Suspend Solids (mg/L)	TPN (mg/L)	NH3+NH4 Nitrog. (mg/L)	Total Phosph. (mg/L)	Dissol. Ortho P (mg/L)	Turbidity (NTU)	Fecal Colif. (#/100ml)	NO2+NO3 Nitrog. (mg/L)
94/10/04	1040	11.9	298.0	541	10.2	95.2	8.5	8.0	1.500	0.010 K	0.052	0.018	5.1	96	1.570
94/11/21	1330	2.3	349.0	717	14.0	102.0	8.5	16.0	3.306	0.010 U	0.075	0.066	9.7	11	2.730
94/12/13	1200	2.5	210.0	713	13.2	98.0		16.0	2.920	0.010 U	0.077	0.044	7.5	11	2.650
95/01/03	1215	0.0	170.0	776	13.7	94.2	8.4	16.0	3.600	0.040	0.059	0.059	7.9	3	3.250
95/02/14	1230	0.8	164.0	1053	14.0	100.7	8.4	29.0	3.700	0.029	0.054	0.068	16.0	3	3.420
95/03/13	1200	9.4	187.0	830	13.1	116.4	8.7	20.0	2.890	0.010 U	0.073	0.020	7.3	120	2.580
95/04/11	1100	10.4	253.0	583	11.0	99.5	8.4	57.0	2.310	0.010 U	0.262	0.011	24.0	500	1.890
95/05/09	1030	17.2	293.0	525	8.4	88.0	8.2	111.0	1.990		0.149	0.024	40.0	88	1.360
95/06/13	1110	17.3	272.0	485	8.0	83.7	8.3	96.0	1.380	0.022	0.185	0.011	50.0	220 S	0.900
95/07/11	1150	20.1	281.0	454	8.4	93.2	8.3	87.0	1.930	0.017	0.159	0.012	34.0	120	1.220
95/08/15	1020	19.0	306.0	579	8.5	92.0	8.5	40.0	1.750	0.015	0.050	0.007	19.0	92	1.430
95/09/12	1010	19.5	388.0	580	5.9	63.6	8.0	20.0	1.510	0.014	0.079	0.017	7.5	56	1.090

Remarks: U,K - Below reporting limit; B - analyte in blank; X - background organisms; J - Estimate; S - Spreader colonies, P - below quantitation limit.

Station No.: 45A070 WENATCHEE R @ WENATCHEE Water Class: A Latitude: 47 27 32.0

Water Body No.: WA-45-1010 River Mile: 1.10 Longitude: 120 20 07.0

Date	Time	Temp (C)	Flow (CFS)	Conduc-tivity (umhos)	Oxygen (mg/L)	Oxygen Satur. (%)	pH (units)	Suspend Solids (mg/L)	TPN (mg/L)	NH3+NH4 Nitrog. (mg/L)	Total Phosph. (mg/L)	Dissol. Ortho P (mg/L)	Turbid-ity (NTU)	Fecal Colif. (#/100ml)	NO2+NO3 Nitrog. (mg/L)
94/10/05	1340	10.6	302.0	102	13.1	121.0	8.9	2.0	0.419	0.010 K	0.014	0.011	1.1	10 X	0.351
94/11/22	1510	0.2	807.0	69	15.6	108.1		1.0	0.239	0.010 U	0.010 U	0.010 U	0.5 U	1	0.162
94/12/14	1310	0.3	1020.0	69	14.7	103.2		3.0	0.209	0.010 U	0.023	0.005 U	1.3	3	0.136
95/02/15	1340	0.3	2360.0	99	14.5	102.9	7.4	5.0	0.201	0.010 U	0.017	0.005 U	2.2	1 U	0.119
95/03/14	1320	4.6	3700.0	79	14.0	111.4	8.1	16.0	0.216	0.010 U	0.014	0.005 U	5.0	2	0.135
95/04/12	1330	5.7	4020.0	68	13.3	108.4	8.4	4.0	0.112	0.010 U	0.010 U	0.005 U	1.5	3	0.020
95/05/10	1400	7.6	13000.0	40	11.8	100.8	7.6	66.0	0.313	0.010 U	0.079	0.005 U	25.0	40 S	0.079
95/06/14	1230	9.5	7360.0	36	11.1	99.2	7.6	6.0	0.149	0.010 U	0.010 U	0.005 U	2.2	16 S	0.059
95/07/12	1520	15.4	4520.0	36	10.2	104.3	7.8	4.0	0.155	0.014	0.011	0.005 U	1.9	9	0.065
95/08/16	1255	15.9	1230.0	67	10.4	106.2	8.4	1.0	0.247	0.014	0.010 U	0.005 U	0.7	7	0.144
95/09/13	1230	18.5	789.0	80	11.0	117.2	8.7	3.0	0.319	0.010 U	0.010 U	0.005 U	0.7	42	0.235

Remarks: U,K - Below reporting limit; B - analyte in blank; X - background organisms; J - Estimate; S - Spreader colonies, P - below quantitation limit.

Station No.: 45A110 WENATCHEE R NR LEAVENWORTH Water Class: AA Latitude: 47 40 35.0

Water Body No.: WA-45-1020 River Mile: 35.60 Longitude: 120 44 00.0

Date	Time	Temp (C)	Flow (CFS)	Conduc-tivity (umhos)	Oxygen (mg/L)	Oxygen Satur. (%)	pH (units)	Suspend Solids (mg/L)	TPN (mg/L)	NH3+NH4 Nitrog. (mg/L)	Total Phosph. (mg/L)	Dissol. Ortho P (mg/L)	Turbid-ity (NTU)	Fecal Colif. (#/100ml)	NO2+NO3 Nitrog. (mg/L)
94/10/05	1430	9.8	270.0	44	10.9	102.0	7.1	1.0 K	0.037	0.010 K	0.010 K	0.010 K	0.6	1 K	0.010 K
94/11/22	1610	1.1	536.0	36	13.1	96.6		1.0 U	0.084	0.010 U	0.010 U	0.010 U	0.7	1 U	0.017
94/12/14	1400	0.8	661.0	36	12.9	95.0		3.0	0.065	0.010 U	0.022	0.005 U	0.8	1 U	0.042
95/01/04	1515	0.0	712.0	39	14.0	101.7	7.5	4.0	0.099	0.010 U	0.010 U	0.005 U	0.5 U	1 U	0.052
95/02/15	1420	0.4	1310.0	46	13.8	101.7	7.1	1.0	0.096	0.010 U	0.010 U	0.005 U	0.9	2	0.054
95/03/14	1415	3.5	1940.0	41	12.8	102.1	7.8	10.0	0.078	0.010 U	0.010 U	0.005 U	4.0	3	0.032
95/04/12	1445	4.3	2540.0	41	13.0	106.1	8.1	2.0	0.129	0.010 U	0.010 U	0.005 U	1.0	1 U	0.025
95/05/10	1450	6.2	8670.0	27	11.6	99.6	7.4	42.0	0.261	0.022	0.050	0.005 U	12.0	4	0.075
95/06/14	1320	8.2	4930.0	27	11.0	98.5	7.3	6.0	0.128	0.013	0.010 U	0.005 U	1.8	2	0.038
95/07/12	1615	13.8	3140.0	25	10.1	103.0	7.6	4.0	0.107	0.016	0.010 U	0.005 U	1.5	1 U	0.016
95/08/16	1410	14.0	921.0	39	9.9	100.7	8.1	1.0 U	0.042	0.015	0.010 U	0.005 U	0.6	3	0.010 U
95/09/13	1355	17.1	594.0	39	9.7	104.1	8.1	1.0 U	0.032	0.010 U	0.010 U	0.005 U	0.6	1	0.010 U

Remarks: U,K - Below reporting limit; B - analyte in blank; X - background organisms; J - Estimate; S - Spreader colonies, P - below quantitation limit.

Station No.: 46A070 ENTIAT R NR ENTIAT Water Class: A Latitude: 47 39 48.0

Water Body No.: WA-46-1010 River Mile: 1.50 Longitude: 120 14 58.0

Date	Time	Temp (C)	Flow (CFS)	Conduc-tivity (umhos)	Oxygen (mg/L)	Oxygen Satur. (%)	pH (units)	Suspend Solids (mg/L)	TPN (mg/L)	NH3+NH4 Nitrog. (mg/L)	Total Phosph. (mg/L)	Dissol. Ortho P (mg/L)	Turbid-ity (NTU)	Fecal Colif. (#/100ml)	NO2+NO3 Nitrog. (mg/L)
94/10/05	1250	9.0	66.0	108	11.5	102.4	8.3	1.0 K	0.241	0.010 K	0.010 K	0.010 K	0.5	27	0.198
94/11/22	1420	0.1	53.0	117	14.4	99.5		2.0	0.327	0.010 U	0.010 U	0.010 U	0.7	4	0.270
94/12/14	1235	1.3		96	14.7	106.4		1.0	0.211	0.010 U	0.018	0.008	0.8	39	0.163
95/01/04	1345	0.2	115.0	126	15.4	108.1	8.1	1.0	0.249	0.010 U	0.010 U	0.005 U	0.5 U	9	0.205
95/02/15	1300	0.4	245.0	152	14.5	103.5	7.9	6.0	0.234	0.010 U	0.024	0.005 U	1.9	3	0.180
95/03/14	1220	4.8	340.0	110	12.9	103.6	8.2	11.0	0.255	0.010 U	0.017	0.005	5.0	9	0.207
95/04/12	1240	5.3	522.0	101	12.6	101.9	8.3	7.0	0.199	0.010 U	0.010 U	0.005 U	1.5	52	0.121
95/05/10	1230	7.0	2000.0	51	11.8	99.7	7.7	198.0	0.552	0.012	0.238	0.013	50.0	72	0.080
95/06/14	1150	7.4	1850.0	37	11.7	99.5	7.6	16.0	0.136	0.022	0.018	0.005 U	4.2	8	0.031
95/07/12	1350	12.3	960.0	38	10.3	98.1	8.2	10.0	0.103	0.019	0.023	0.005 U	2.0	1	0.020
95/08/16	1130	13.5	205.0	84	10.3	100.2	8.4	1.0 U	0.146	0.010	0.010 U	0.005 U	0.5	4	0.096
95/09/13	1145	15.2	142.0	93	10.2	101.5	8.3	2.0	0.195	0.010 U	0.010 U	0.005 U	0.7	14	0.136

Remarks: U,K - Below reporting limit; B - analyte in blank; X - background organisms; J - Estimate; S - Spreader colonies, P - below quantitation limit.

Station No.: 48A070 METHOW R NR PATEROS Water Class: A Latitude: 48 04 29.0

Water Body No.: WA-48-1010 River Mile: 5.00 Longitude: 119 57 20.0

Date	Time	Temp (C)	Flow (CFS)	Conduc-tivity (umhos)	Oxygen (mg/L)	Oxygen Satur. (%)	pH (units)	Suspend Solids (mg/L)	TPN (mg/L)	NH3+NH4 Nitrog. (mg/L)	Total Phosph. (mg/L)	Dissol. Ortho P (mg/L)	Turbid-ity (NTU)	Fecal Colif. (#/100ml)	NO2+NO3 Nitrog. (mg/L)
94/10/05	1150	8.8	285.0	186	11.4	101.7	8.3	1.0 K	0.296	0.010 K	0.010 K	0.010 K	0.6	3	0.263
94/11/22	1215	1.2	292.0	169	14.7	105.8	8.2	1.0	0.339	0.010 U	0.010 U	0.010 U	0.5 U	1 U	0.279
94/12/14	1130	1.5	514.0	167	14.5	105.9		3.0	0.316	0.010 U	0.017	0.013	0.5	1 U	0.230
95/01/04	1215	0.0	1250.0	213	14.7	103.1	8.0	1.0 U	0.379	0.010 U	0.010 U	0.005 U	0.5 U	2	0.355
95/02/15	1150	0.0	266.0	232	14.1	99.9	7.9	3.0	0.322	0.010 U	0.012	0.005 U	1.4	1 U	0.260
95/03/14	1120	5.9	656.0	156	12.4	102.7	8.2	9.0	0.168	0.010 U	0.020	0.005 U	4.2	3	0.117
95/04/12	1050	6.9	2000.0	165	12.0	101.6	8.4	6.0	0.254	0.010 U	0.010 U	0.005 U	2.7	3	0.124
95/05/10	1110	8.6	7200.0	86	11.5	101.4	7.8	112.0	0.393	0.010 U	0.115	0.005 U	45.0	84	0.062
95/06/14	1030	8.8	6370.0	66	11.1	98.3	7.8	12.0	0.109	0.010	0.016	0.005 U	5.1	4	0.041
95/07/12	1230	13.7	2550.0	89	10.4	102.9	7.8	2.0	0.141	0.015	0.010 U	0.005 U	1.1	2	0.072
95/08/16	1000	14.1	620.0	180	10.2	101.1	8.5	1.0	0.300	0.014	0.010 U	0.005 U	0.6	1	0.201
95/09/13	1005	15.6	363.0	196	10.0	100.8	8.5	2.0	0.358	0.010 U	0.010 U	0.005 U	0.5	2	0.289

Remarks: U,K - Below reporting limit; B - analyte in blank; X - background organisms; J - Estimate; S - Spreader colonies, P - below quantitation limit.

Station No.: 48A140 METHOW R @ TWISP Water Class: A Latitude: 48 20 53.0

Water Body No.: WA-48-1020 River Mile: 39.40 Longitude: 120 06 21.0

Date	Time	Temp (C)	Flow (CFS)	Conduc-tivity (umhos)	Oxygen (mg/L)	Oxygen Satur. (%)	pH (units)	Suspend Solids (mg/L)	TPN (mg/L)	NH3+NH4 Nitrog. (mg/L)	Total Phosph. (mg/L)	Dissol. Ortho P (mg/L)	Turbid-ity (NTU)	Fecal Colif. (#/100ml)	NO2+NO3 Nitrog. (mg/L)
94/10/05	1100	7.2	215.0	160	11.2	98.2	8.1	1.0	0.244	0.010 K	0.010 K	0.010 K	0.5 K	5	0.230
94/11/22	1130	0.3	192.0	145	13.7	97.9	8.2	2.0	0.224	0.010 U	0.010 U	0.010 U	0.6	1	0.193
94/12/14	1040	0.5	284.0	139	13.2	96.2		1.0	0.191	0.010 U	0.010 U	0.005 U	0.5 U	3	0.144
95/01/04	1030	0.0	252.0	159	13.7	119.8	7.8	1.0	0.254	0.014	0.010 U	0.005 U	0.5 U	1	0.190
95/02/15	1050	0.1	240.0	194	13.5	98.7	8.1	1.0	0.177	0.010 U	0.010 U	0.005 U	0.5 U	3	0.161
95/03/14	1020	4.7	623.0	140	12.0	98.8	8.1	3.0	0.151	0.010 U	0.010 U	0.005 U	1.4	5	0.114
95/04/12	0915	4.8	1800.0	150	12.0	98.6	7.8	3.0	0.211	0.010 U	0.010 U	0.005 U	2.0	7	0.140
95/05/10	1020	5.9	7610.0	76	11.4	96.1	7.8	103.0	0.349	0.010 U	0.101	0.005 U	40.0	59	0.053
95/06/14	0940	7.2	6000.0	59	11.2	97.5	7.7	6.0	0.082	0.010	0.010 U	0.005 U	2.4	4	0.033
95/07/12	1120	11.3	2330.0	78	10.5	100.6	8.2	1.0 U	0.128	0.011	0.010 U	0.005 U	0.8	5	0.056
95/08/16	0840	10.7	535.0	153	10.3	96.9	8.5	1.0 U	0.198	0.010 U	0.010 U	0.005 U	0.5 U	17	0.188
95/09/13	0845	12.1	334.0	163	10.1	96.6	8.2	2.0	0.332	0.010 U	0.010 U	0.005 U	0.5 U	14	0.287

Remarks: U,K - Below reporting limit; B - analyte in blank; X - background organisms; J - Estimate; S - Spreader colonies, P - below quantitation limit.

Station No.: 49A070 OKANOGAN R @ MALOTT Water Class: A Latitude: 48 16 53.0

Water Body No.: WA-49-1010 River Mile: 17.00 Longitude: 119 42 12.0

Date	Time	Temp (C)	Flow (CFS)	Conduc-tivity (umhos)	Oxygen (mg/L)	Oxygen Satur. (%)	pH (units)	Suspend Solids (mg/L)	TPN (mg/L)	NH3+NH4 Nitrog. (mg/L)	Total Phosph. (mg/L)	Dissol. Ortho P (mg/L)	Turbid-ity (NTU)	Fecal Colif. (#/100ml)	NO2+NO3 Nitrog. (mg/L)
94/10/05	1000	11.0	793.0	303	9.7	90.2	8.5	3.0	0.162	0.010 K	0.015	0.010 K	1.5	22	0.010 K
94/11/22	0945	0.7	657.0	290	13.8	97.0	8.2	1.0 U	0.245	0.010 U	0.010 U	0.010 U	0.8	4	0.048
94/12/14	0935	0.4	918.0	279	13.6	96.1		2.0	0.180	0.010 U	0.019	0.005 U	1.2	35	0.102
95/01/04	0910	0.0	732.0	325	14.7	102.9	8.1	2.0	0.231	0.010 U	0.015	0.005 U	0.8	6	0.101
95/02/15	0940	0.0	1280.0	396	13.8	97.9	7.7	11.0	0.162	0.010 U	0.014	0.005 U	3.2	44	0.078
95/03/14	0920	5.3	2350.0	247	11.8	95.7	8.1	48.0	0.208	0.010 U	0.089	0.006	18.0	16 S	0.065
95/04/12	0815	8.6	3110.0	225	10.7	93.9	8.2	37.0	0.245	0.010 U	0.073	0.005 U	10.0	4	0.010 U
95/05/10	0920	12.6	8450.0	150	10.1	97.3	8.1	108.0	0.217	0.010 U	0.092	0.005 U	35.0	69	0.010 U
95/06/14	0830	12.5	11300.0	96	10.2	97.6	8.4	43.0	0.137	0.021	0.055	0.005	16.0	35	0.010
95/07/12	1010	19.4	3090.0	138	8.5	93.9	8.5	13.0	0.111	0.013	0.030	0.006	5.1	36	0.015
95/08/16	0740	18.1	1410.0	262	8.4	89.9	8.5	6.0	0.167	0.017	0.012	0.005 U	2.5	31	0.034
95/09/13	0740	21.1	1320.0	286	8.0	89.6	8.4	6.0	0.206	0.010 U	0.010 U	0.005 U	2.0	19	0.029

Remarks: U,K - Below reporting limit; B - analyte in blank; X - background organisms; J - Estimate; S - Spreader colonies, P - below quantitation limit.

Station No.: 49A190 OKANOGAN R @ OROVILLE Water Class: A Latitude: 48 56 20.0

Water Body No.: WA-49-1040 River Mile: 78.00 Longitude: 119 25 36.0

Date	Time	Temp (C)	Flow (CFS)	Conduc-tivity (umhos)	Oxygen (mg/L)	Oxygen Satur. (%)	pH (units)	Suspend Solids (mg/L)	TPN (mg/L)	NH3+NH4 Nitrog. (mg/L)	Total Phosph. (mg/L)	Dissol. Ortho P (mg/L)	Turbid-ity (NTU)	Fecal Colif. (#/100ml)	NO2+NO3 Nitrog. (mg/L)
94/10/05	0810	14.8	533.0	273	8.7	88.2	8.6	3.0	0.175	0.010 K	0.016	0.010 K	1.9	13	0.010 K
94/11/22	0745	3.1	248.0	279	11.5	86.3	8.5	2.0	0.319	0.010 U	0.010 U	0.010 U	1.4	5	0.021
94/12/14	0755	0.2	254.0	288	12.8	90.3		2.0	0.189	0.010 U	0.020	0.010	1.4	2	0.053
95/01/04	0745	1.0	295.0	299	13.5	97.3	8.1	3.0	0.225	0.010 U	0.010	0.005 U	0.9	1 U	0.072
95/02/15	0730	1.2	538.0	426	13.6	99.7	7.9	4.0	0.210	0.010 U	0.012	0.005 U	1.5	1 U	0.068
95/03/14	0730	2.7	1090.0	290	13.4	101.9	8.5	4.0	0.201	0.010 U	0.010 U	0.005 U	1.5	2	0.066
95/04/12	0645	8.1	1060.0	287	13.2	114.7	8.7	4.0	0.199	0.010 U	0.010 U	0.005 U	2.0	1	0.010 U
95/05/10	0730	12.6	2100.0	279	10.8	104.0	8.6	5.0	0.235	0.010 U	0.013	0.005 U	2.5	3	0.010 U
95/06/14	0650	16.3	992.0	260	7.9	82.3	8.2	2.0	0.267	0.020	0.012	0.005 U	1.2	2	0.010 U
95/07/12	0800	21.3	142.0	241	8.6	98.9	8.2	2.0	0.337	0.011	0.015	0.005 U	1.4	15	0.010 U
95/08/16	0615	18.8	574.0	287	7.9	86.2	8.6	3.0	0.256	0.019	0.010 U	0.005 U	2.4	49	0.010 U
95/09/13	0530	21.0	862.0	276	9.0	100.9	8.6	2.0	0.246	0.010 U	0.010 U	0.005 U	1.1	5	0.010 U

Remarks: U,K - Below reporting limit; B - analyte in blank; X - background organisms; J - Estimate; S - Spreader colonies, P - below quantitation limit.

Station No.: 49B070 SIMILKAMEEN R @ OROVILLE Water Class: A Latitude: 48 56 05.0

Water Body No.: WA-49-1030 River Mile: 5.00 Longitude: 119 26 27.0

Date	Time	Temp (C)	Flow (CFS)	Conductivity (umhos)	Oxygen (mg/L)	Oxygen Satur. (%)	pH (units)	Suspend Solids (mg/L)	TPN (mg/L)	NH3+NH4 Nitrog. (mg/L)	Total Phosph. (mg/L)	Dissol. Ortho P (mg/L)	Turbidity (NTU)	Fecal Colif. (#/100ml)	NO2+NO3 Nitrog. (mg/L)
94/10/05	0740	10.2	245.0	229	10.4	95.2	8.4	2.0	0.069	0.010 K	0.010 K	0.010 K	1.2	3	0.010 K
94/11/22	0720	1.4	322.0	215	14.5	103.9	8.5	1.0 U	0.066	0.010 U	0.010 U	0.010 U	0.5	1 U	0.010 U
94/12/14	0700	1.5	400.0	204	14.4	105.2		1.0 U	0.082	0.010 U	0.017	0.005 U	1.0	2	0.056
95/01/04	0705	0.0	159.0	243	14.5	101.7	8.2	1.0	0.108	0.010 U	0.010 U	0.005 U	0.7	1	0.053
95/02/15	0710	0.0	668.0	316	14.2	100.7	8.2	5.0	0.087	0.010 U	0.014	0.005	4.2	1 U	0.034
95/03/14	0700	6.4	920.0	189	12.1	101.2	8.1	5.0	0.063	0.010 U	0.010 U	0.005 U	3.5	1 U	0.010 U
95/04/12	0600	7.9	1750.0	173	11.8	102.0	8.1	11.0	0.125	0.010 U	0.013	0.005 U	5.1	4	0.010 U
95/05/10	0710	9.4	7200.0	95	12.0	107.4	8.4	169.0	0.306	0.010 U	0.095	0.005 U	60.0	40	0.010 U
95/06/14	0630	11.3	9250.0	84	11.7	109.4	8.6	27.0	0.124	0.016	0.049	0.005 U	11.0	13	0.010 U
95/07/12	0740	15.6	2850.0	108	10.1	103.7	8.4	7.0	0.168	0.013	0.016	0.008	3.3	21	0.010 U
95/08/16	0535	17.0	810.0	192	9.3	97.9	7.8	2.0	0.059	0.011	0.010 U	0.005 U	1.0	3	0.010 U
95/09/13	0600	18.4	436.0	209	9.0	96.0	8.4	2.0	0.080	0.010 U	0.010 U	0.005 U	0.9	2	0.010 U

Remarks: U,K - Below reporting limit; B - analyte in blank; X - background organisms; J - Estimate; S - Spreader colonies, P - below quantitation limit.

Station No.: 52A110 SANPOIL R 13 MI S. REPUBLIC Water Class: AA Latitude: 48 28 37.6
Water Body No.: WA-52-1010 River Mile: 43.50 Longitude: 118 43 44.5

Date	Time	Temp (C)	Flow (CFS)	Conduc-tivity (umhos)	Oxygen (mg/L)	Oxygen Satur. (%)	pH (units)	Suspend Solids (mg/L)	TPN (mg/L)	NH3+NH4 Nitrog. (mg/L)	Total Phosph. (mg/L)	Dissol. Ortho P (mg/L)	Hardnes (mg/L)	Turbid-ity (NTU)	Fecal Colif. (#/100ml)
94/10/12	0945	8.3	6.0	233	10.6	95.9	8.0	1.0	0.102	0.010 K	0.046	0.026		0.7	45
94/11/09	0915	2.0	12.0	243	11.9	93.5	7.9	1.0	0.155	0.010 K	0.039	0.037	113	1.0	2
94/12/07	0945	1.0	10.0	248	13.1	97.8	7.9	1.0 U	0.236	0.010 U	0.052	0.046		0.5 U	1
95/01/11	0925	1.4	11.0	218	11.9	92.0	7.8	2.0	0.350	0.010 U	0.055	0.055	101	0.9	1 U
95/02/08	0935	1.9	55.0	195	12.0	91.5	7.7	29.0	0.902	0.187	0.282	0.181		21.0	360 X
95/03/08	0945	1.8	56.0	199	12.6	97.4	7.8	8.0	0.443	0.010 U	0.068	0.052	91	6.3	6
95/04/05	0925	3.4	330.0	135	11.5	92.8	7.7	16.0	0.428	0.020	0.076	0.041		15.0	14
95/05/04	0935	6.4	315.0	137	10.7	92.7	7.8	19.0	0.418	0.010 U	0.062	0.032		15.0	220
95/06/07	0815	8.8	175.0	151	10.4	94.6	7.5	40.0	0.469	0.023	0.100	0.043		18.0	860 S
95/07/12	0710	12.2	47.0	222	9.4	91.9	7.9	7.0	0.196	0.012	0.073	0.044		4.0	88
95/08/09	0940	11.4	20.0	244	10.0	97.9	8.1	2.0	0.143	0.011	0.061	0.046		1.4	52
95/09/07	0710	11.6	15.0	244	9.2	88.7	8.0	2.0	0.139	0.010 U	0.055	0.040		1.7	18

52A110 Sanpoil R 13 mi S. Republic continued: more parameters.

Date	Time	NO2+NO3 Nitrog. (mg/L)	Chrom-ium (ug/L)	Copper (ug/L)	Lead (ug/L)	Zinc (ug/L)	Cadmium (ug/L)	Mercury (ug/L)	Cadmium Dissol. (ug/L)	Copper Dissol. (ug/L)	Lead Dissol (ug/L)	Nickle Dissol. (ug/L)	Zinc Dissol. (ug/L)	Arsenic Tot Rec (ug/L)
94/10/12	0945	0.010 K												
94/11/09	0915	0.056	5.00 U					0.0010 U	0.040 U	0.436 P	0.020 U	1.000 U	1.000 U	30.000 P
94/12/07	0945	0.185												
95/01/11	0925	0.282	5.00 U	13.0 P	20.0 U	4.0 U	3.00 U	0.0010 U	0.020 U	0.641	0.094 P	0.490 P	0.560 P	30.000 U
95/02/08	0935	0.245												
95/03/08	0945	0.218	5.00 U					0.0050 P	0.046 P	0.923	0.044 P	0.820	0.400 U	30.000 U
95/04/05	0925	0.057												
95/05/04	0935	0.014												
95/06/07	0815	0.057												
95/07/12	0710	0.032												
95/08/09	0940	0.012												
95/09/07	0710	0.010 U												

Remarks: U,K - Below reporting limit; B - analyte in blank; X - background organisms; J - Estimate; S - Spreader colonies, P - below quantitation limit.

Station No.: 53A070 COLUMBIA R @ GRAND COULEE Water Class: A Latitude: 47 57 56.0

Water Body No.: WA-CR-1050 River Mile: 596.00 Longitude: 118 58 54.0

Date	Time	Temp (C)	Flow (CFS)	Conduc-tivity (umhos)	Oxygen (mg/L)	Oxygen Satur. (%)	pH (units)	Suspend Solids (mg/L)	TPN (mg/L)	NH3+NH4 Nitrog. (mg/L)	Total Phosph. (mg/L)	Dissol. Ortho P (mg/L)	Turbid-ity (NTU)	Fecal Colif. (#/100ml)	NO2+NO3 Nitrog. (mg/L)
94/10/12	1125	18.3	83000.0	118	7.9	86.2	7.8	1.0 K	0.203	0.010 K	0.010 K	0.010 K	0.5 K	1 K	0.090
94/11/09	1125	15.0	78100.0	126	8.9	92.6	8.0	1.0	0.158	0.010 K	0.010 U	0.010 K	0.5 U	1 U	0.099
94/12/07	1215	8.4	106000.0	137	10.0	87.0	7.9	2.0	0.107	0.010 U	0.013	0.005	0.5 U	2	0.075
95/01/11	1140	4.4	108000.0	138	11.5	93.2	7.8	1.0 U	0.147	0.010 U	0.021	0.005 U	0.7	1 U	0.102
95/02/08	1110	2.8	125000.0	140	12.3	93.5	7.8	1.0	0.243	0.010 U	0.010 U	0.007	1.2	1 U	0.173
95/03/08	1125	2.9	109500.0	140	12.6	97.6	7.8	1.0	0.304	0.017	0.012	0.007	3.7	3	0.222
95/04/05	1100	4.0	174600.0	133	12.6	100.1	7.9	1.0	0.209	0.013	0.010 U	0.005 U	3.2	1 U	0.146
95/05/04	1110	7.6	164000.0	134	12.4	107.3	8.1	2.0	0.234	0.010 U	0.013	0.005 U	1.9	1 U	0.090
95/06/07	0955	11.1	117500.0	131	10.6	98.4	8.0	1.0 U	0.209	0.030	0.010 U	0.005 U	0.7	1	0.063
95/07/12	0900	13.8	121000.0	141	10.1	99.2	8.3	1.0 U	0.159	0.010 U	0.010 U	0.005 U	0.5 U	1	0.060
95/08/09	1120	19.7	140000.0	145	8.9 J	100.5	8.2	1.0 U	0.118	0.021	0.011	0.008	0.5 U	1 U	0.031
95/09/07	0900	17.8	92200.0	133	8.3	88.2	8.1	1.0 U	0.135	0.010 U	0.010 U	0.007	0.6	5	0.092

Remarks: U,K - Below reporting limit; B - analyte in blank; X - background organisms; J - Estimate; S - Spreader colonies, P - below quantitation limit.

Station No.: 54A120 SPOKANE R @ RIVERSIDE STATE PK Water Class: A Latitude: 47 41 48.0
Water Body No.: WA-54-1020 River Mile: 66.00 Longitude: 117 29 48.0

Date	Time	Temp (C)	Flow (CFS)	Conduc-tivity (umhos)	Oxygen (mg/L)	Oxygen Satur. (%)	pH (units)	Suspend Solids (mg/L)	TPN (mg/L)	NH3+NH4 Nitrog. (mg/L)	Total Phosph. (mg/L)	Dissol. Ortho P (mg/L)	Turbid-ity (NTU)	Fecal Colif. (#/100ml)	NO2+NO3 Nitrog. (mg/L)
94/10/10	1500	13.2	1450.0	154	10.5	105.9	8.1	1.0	0.666	0.010 K	0.010 K	0.010 K	0.8	9	0.632
94/11/07	1440	8.1	2510.0	115	11.4	101.8	8.0	2.0	0.522	0.010 K	0.049	0.048	1.5	640 J	0.436
94/12/05	1450	3.4	3520.0	103	12.5	99.3	7.9	3.0	0.869	0.010 U	0.049	0.041	2.6	62 S	0.702
95/01/09	1425	4.1	4580.0	127	12.5	102.7	7.5	10.0	0.823	0.203	0.124	0.070	8.1	2200 J	0.469
95/02/06	1430	3.8	13500.0	72	14.4	115.1	7.3	10.0	0.510	0.014	0.012	0.018	5.7	16	0.383
95/03/06	1455	3.3	16700.0	72	14.8	117.0	7.5	3.0	0.352	0.010 U	0.021	0.012	2.8	1	0.273
95/04/03	1500	5.2	12600.0	75	14.0	116.5	7.9	3.0	0.469	0.037	0.028	0.014	3.9	8	0.322
95/05/02	1520	9.2	8990.0	78	12.0	110.8	7.7	3.0				0.010	1.6	33	
95/06/05	1410	16.8	5790.0	89	10.0	108.2	8.2	2.0	0.402	0.021	0.010 U	0.005 U	1.0	94 S	0.253
95/07/10	1250	19.3	3360.0	132	9.3	104.7	8.2	3.0	0.584	0.026	0.019	0.005 U	1.1	80	0.443
95/08/07	1430	16.2	1180.0	242	10.0	107.8	8.4	1.0	1.290	0.025	0.032	0.026	1.3	400	1.140
95/09/05	1245	14.8	835.0	260	10.0	102.2	8.4	2.0	1.420	0.010 U	0.027	0.017	0.7	240	1.250

Remarks: U,K - Below reporting limit; B - analyte in blank; X - background organisms; J - Estimate; S - Spreader colonies, P - below quantitation limit.

Station No.: 55B070 LITTLE SPOKANE R NR MOUTH Water Class: A Latitude: 47 47 00.0

Water Body No.: WA-55-1010 River Mile: 1.10 Longitude: 117 31 43.0

Date	Time	Temp (C)	Flow (CFS)	Conduc-tivity (umhos)	Oxygen (mg/L)	Oxygen Satur. (%)	pH (units)	Suspend Solids (mg/L)	TPN (mg/L)	NH3+NH4 Nitrog. (mg/L)	Total Phosph. (mg/L)	Dissol. Ortho P (mg/L)	Turbid-ity (NTU)	Fecal Colif. (#/100ml)	NO2+NO3 Nitrog. (mg/L)
94/10/10	1535	10.6	367.0	271	9.8	92.9	8.1	2.0	1.460	0.010 K	0.010 K	0.010 K	0.8	23	1.260
94/11/07	1510	8.1	418.0	267	10.4	92.4	8.0	2.0	1.190	0.010 K	0.010 U	0.010 K	0.9	15	1.170
94/12/05	1550	3.9	414.0	260	11.0	88.3	8.1	6.0	1.220	0.010 U	0.018	0.011	2.0	24	1.120
95/01/09	1455	6.0	491.0	252	10.4	89.1	7.9	8.0	1.290	0.021	0.039	0.013	3.2	34	1.190
95/02/06	1505	5.8	934.0	184	10.5	88.0	7.6	28.0	0.942	0.019	0.036	0.030	15.0	12	0.783
95/03/06	1525	5.6	873.0	188	10.9	90.9	7.8	18.0	0.907	0.010 U	0.034	0.017	8.5	5	0.777
95/04/03	1540	9.3	955.0	183	10.4	95.2	7.9	11.0	0.833	0.010 U	0.027	0.020	6.9	35	0.688
95/05/02	1550	11.6	673.0	217	9.4	91.2	8.0	10.0				0.015	3.4	73	
95/06/05	1455	13.8	465.0	247	8.8	89.0	8.1	7.0	1.180	0.036	0.022	0.010	2.2	84	0.967
95/07/10	1345	15.6	414.0	283	8.9	92.5	8.1	7.0	1.340	0.024	0.038	0.011	3.1	100	1.120
95/08/07	1500	14.1	361.0	297	9.4	96.5	8.3	2.0	1.420	0.020	0.019	0.015	1.2	200	1.230
95/09/05	1330	13.4	342.0	283	9.4	92.8	8.4	5.0	1.330	0.010 U	0.010 U	0.005 U	1.5	69	1.200

Remarks: U,K - Below reporting limit; B - analyte in blank; X - background organisms; J - Estimate; S - Spreader colonies, P - below quantitation limit.

Station No.: 56A070 HANGMAN CR @ MOUTH Water Class: A Latitude: 47 39 17.0

Water Body No.: WA-56-1010 River Mile: 0.60 Longitude: 117 27 12.0

Date	Time	Temp (C)	Flow (CFS)	Conduc-tivity (umhos)	Oxygen (mg/L)	Oxygen Satur. (%)	pH (units)	Suspend Solids (mg/L)	TPN (mg/L)	NH3+NH4 Nitrog. (mg/L)	Total Phosph. (mg/L)	Dissol. Ortho P (mg/L)	Turbid-ity (NTU)	Fecal Colif. (#/100ml)	NO2+NO3 Nitrog. (mg/L)
94/10/10	1420	11.1	1.3	403	14.0	135.3	8.4	1.0 K	1.340	0.010 K	0.010 K	0.010 K	0.6	13	1.300
94/11/07	1405	4.7	16.0	299	13.6	112.1	8.4	2.0	0.444	0.010 K	0.025	0.010 K	2.0	7	0.284
95/01/09	1340	0.3	82.0	235	12.8	95.3	7.8	48.0	4.010	0.073	0.146	0.092	55.0	53	3.480
95/02/06	1350	4.9	588.0	151	11.8	97.2	7.5	46.0	5.320	0.042	0.128	0.076	45.0	46 S	5.050
95/03/06	1415	3.3	219.0	186	12.4	98.3	7.8	13.0	4.420	0.011	0.078	0.054	20.0	3	4.410
95/04/03	1420	9.7	217.0	220	10.6	98.6	8.1	10.0	3.900	0.013	0.079	0.043	15.0	1 U	3.840
95/05/02	1435	12.9	93.0	243	11.7	117.9	9.0	5.0				0.010	3.3	7	
95/06/05	1305	16.7	34.0	317	9.9	107.0	8.3	6.0	1.080	0.029	0.076	0.007	4.4	210 J	0.556
95/07/10	1205	20.8	34.0	350	9.7	112.6	8.3	6.0	0.827	0.020	0.066	0.022	2.8	150 J	0.446
95/08/07	1350	17.7	13.0	389	11.2	124.9	8.6	3.0	1.420	0.025	0.037	0.025	17.0	1100	1.120
95/09/05	1200	16.7	10.0	380	10.7	113.8	8.6	2.0	1.330	0.011	0.023	0.012	1.4	62	1.040

Remarks: U,K - Below reporting limit; B - analyte in blank; X - background organisms; J - Estimate; S - Spreader colonies, P - below quantitation limit.

Station No.: 57A150 SPOKANE R @ STATELINE BR Water Class: A Latitude: 47 41 55.0
Water Body No.: WA-57-1010 River Mile: 96.00 Longitude: 117 02 37.0

Date	Time	Temp (C)	Flow (CFS)	Conduc-tivity (umhos)	Oxygen (mg/L)	Oxygen Satur. (%)	pH (units)	Suspend Solids (mg/L)	TPN (mg/L)	NH3+NH4 Nitrog. (mg/L)	Total Phosph. (mg/L)	Dissol. Ortho P (mg/L)	Hardnes (mg/L)	Turbid-ity (NTU)	Fecal Colif. (#/100ml)
94/10/10	1105	14.9	1450.0	56	9.7	102.6	7.6	2.0	0.146	0.010 K	0.010 K	0.010 K		0.9	7
94/11/07	1040	8.6	2630.0	56	10.5	96.3	7.6	1.0	0.143	0.013	0.010 U	0.010 K	24	0.9	1 U
94/12/05	1135	4.5	1460.0	56	11.3	93.5	7.5	2.0	0.010 U	0.010 U	0.024	0.008		1.6	8
95/01/09	1015	3.3	4490.0	58	11.7	95.1	7.5	1.0 U	0.105	0.013	0.029	0.008	25	0.6	1
95/02/06	1100	3.2	14400.0	56	13.4	106.7	7.3	4.0	0.172	0.010 U	0.010 U	0.005		2.1	1
95/03/06	1115	2.7	16700.0	58	14.3	112.7	7.6	1.0	0.203	0.010 U	0.010 U	0.005 U	23	2.0	3
95/04/03	1125	3.9	12700.0	52	13.4	108.9	7.5	1.0	0.222	0.017	0.016	0.005 U		2.3	1 U
95/05/02	1120	8.0	9020.0	48	12.1	110.1	7.5	2.0				0.005		1.7	1
95/06/05	0930	18.3	5800.0	47	9.1	102.7	7.7	2.0	0.134	0.015	0.010 U	0.005		1.3	9
95/07/10	0820	21.0	3080.0	53	8.3	97.5	8.1	3.0	0.182	0.013	0.015	0.005 U		1.2	12
95/08/07	1050	21.6	746.0	54	7.9	95.9	7.7	2.0	0.164	0.054	0.010 U	0.013		1.0	67
95/09/05	0820	19.7	424.0	58	7.9	90.3	7.7	2.0	0.176	0.012	0.010 U	0.005 U		1.1	39

57A150 Spokane R @ Stateline Br continued: more parameters.

Date	Time	NO2+NO3 Nitrog. (mg/L)	Chrom-ium (ug/L)	Copper (ug/L)	Lead (ug/L)	Zinc (ug/L)	Cadmium (ug/L)	Mercury (ug/L)	Cadmium Dissol. (ug/L)	Copper Dissol. (ug/L)	Lead Dissol (ug/L)	Nickle Dissol. (ug/L)	Zinc Dissol. (ug/L)	Arsenic Tot Rec (ug/L)
94/10/10	1105	0.052												
94/11/07	1040	0.046	5.00 U					0.0010 U	0.130 P	0.495 P	0.143 P	1.000 U	59.700	30.000 U
94/12/05	1135	0.041												
95/01/09	1015	0.037	5.00 U	14.0 P	20.0 U	79.5	3.00 U	0.0010 U	0.180 P	0.440 P	0.064 P	0.410 P	79.700	30.000 U
95/02/06	1100	0.067												
95/03/06	1115	0.106	5.00 U					0.0010 P	0.406	0.706	0.818	0.575	104.000	30.000 U
95/04/03	1125	0.110												
95/05/02	1120													
95/06/05	0930	0.013												
95/07/10	0820	0.012												
95/08/07	1050	0.021												
95/09/05	0820	0.020												

Remarks: U,K - Below reporting limit; B - analyte in blank; X - background organisms; J - Estimate; S - Spreader colonies, P - below quantitation limit.

Station No.: 59A080 COLVILLE R ABV KETTLE FALLS Water Class: A Latitude: 48 35 19.1

Water Body No.: WA-59-1010 River Mile: 9.20 Longitude: 117 59 28.5

Date	Time	Temp (C)	Flow (CFS)	Conduc-tivity (umhos)	Oxygen (mg/L)	Oxygen Satur. (%)	pH (units)	Suspend Solids (mg/L)	TPN (mg/L)	NH3+NH4 Nitrog. (mg/L)	Total Phosph. (mg/L)	Dissol. Ortho P (mg/L)	Turbid-ity (NTU)	Fecal Colif. (#/100ml)	NO2+NO3 Nitrog. (mg/L)
94/10/11	0840	9.5	63.0	348	9.4	86.3	8.2	13.0	0.376	0.049	0.048		5.3	90	0.147
94/11/08	0835	3.4	86.0	352	11.7	92.8	8.0	8.0	0.647	0.010 K	0.105	0.041	3.5	32	0.012
95/01/10	0835	0.1	236.0	387	11.3	83.2	7.4	10.0	1.030	0.286	0.036	0.067	6.8	33	0.653
95/02/07	0825	3.2	392.0	330	11.6	91.0	7.9	40.0	1.040	0.082	0.022	0.046	25.0	28	0.840
95/03/07	0825	1.4	447.0	300	12.3	91.6	7.8	28.0	0.646	0.046	0.057	0.022	16.0	12	0.401
95/04/04	0825	6.5	1030.0	245	10.6	91.0	7.9	39.0	0.508	0.016	0.062	0.017	21.0	14	0.244
95/05/03	0825	9.0	802.0	230	9.9	89.9	8.0	54.0	0.476	0.010 U	0.060	0.014	22.0	270	0.139
95/06/06	0600	13.1	392.0	281	8.9	88.7	7.8	30.0	0.512	0.040	0.069	0.025	13.0	450	0.232
95/07/11	0530	16.8	186.0	357	7.9	83.9	8.0	21.0	0.533	0.029	0.066	0.033	8.0	210	0.223
95/08/08	0825	15.1	93.0	365	8.5	88.3	8.2	10.0	0.432	0.049	0.056	0.033	6.2	310	0.232
95/09/06	0540	14.9	95.0	361	7.6	76.8	8.2	10.0	0.345	0.015	0.048	0.020	3.6	230	0.106

Remarks: U,K - Below reporting limit; B - analyte in blank; X - background organisms; J - Estimate; S - Spreader colonies, P - below quantitation limit.

Station No.: 60A070 KETTLE R NR BARSTOW Water Class: AA Latitude: 48 47 05.0

Water Body No.: WA-60-1010 River Mile: 10.90 Longitude: 118 07 27.0

Date	Time	Temp (C)	Flow (CFS)	Conduc-tivity (umhos)	Oxygen (mg/L)	Oxygen Satur. (%)	pH (units)	Suspend Solids (mg/L)	TPN (mg/L)	NH3+NH4 Nitrog. (mg/L)	Total Phosph. (mg/L)	Dissol. Ortho P (mg/L)	Turbid-ity (NTU)	Fecal Colif. (#/100ml)	NO2+NO3 Nitrog. (mg/L)
94/10/11	0930	11.0	220.0	217	10.2	96.1	8.2	1.0	0.164	0.010 K	0.010 K		0.5 K	3	0.039
94/11/08	0915	2.4	302.0	198	13.0	99.6	8.0	1.0 U	0.175	0.124	0.010 U	0.010 K	0.5 U	1	0.381
95/02/07	0905	0.4	576.0	166	13.6	97.9	7.9	2.0	0.150	0.011	0.010 U	0.005 U	1.0	1 U	0.089
95/03/07	0905	1.1	853.0	151	13.7	100.4	8.0	2.0	0.156	0.010 U	0.010 U	0.005 U	0.8	1 U	0.025
95/04/04	0910	5.3	4960.0	107	12.2	100.9	8.0	17.0	0.233	0.019	0.035	0.005 U	6.5	13	0.010 U
95/05/03	0905	7.6	8880.0	80	12.0	104.5	7.8	26.0	0.138	0.010 U	0.024	0.005 U	8.6	11	0.010 U
95/06/06	0700	9.6	13600.0	45	12.0	109.6	8.0	35.0	0.179	0.018	0.040	0.005 U	9.7	38	0.011
95/07/11	0630	18.1	2140.0	123	8.8	95.1	8.8	3.0	0.191	0.019	0.012	0.005 U	1.1	36	0.011
95/08/08	0905	17.9	582.0	173	8.9	97.2	8.3	1.0	0.157	0.013	0.010 U	0.008	0.8	5	0.020
95/09/06	0640	17.0	426.0	191	8.8	92.2	8.7	3.0	0.110	0.010 U	0.010 U	0.005 U	0.8	5	0.010 U

Remarks: U,K - Below reporting limit; B - analyte in blank; X - background organisms; J - Estimate; S - Spreader colonies, P - below quantitation limit.

Station No.: 61A070 COLUMBIA R @ NORTHPORT Water Class: AA Latitude: 48 55 21.0
Water Body No.: WA-CR-9010 River Mile: 735.10 Longitude: 117 46 32.0

Date	Time	Temp (C)	Flow (CFS)	Conduc-tivity (umhos)	Oxygen (mg/L)	Oxygen Satur. (%)	pH (units)	Suspend Solids (mg/L)	TPN (mg/L)	NH3+NH4 Nitrog. (mg/L)	Total Phosph. (mg/L)	Dissol. Ortho P (mg/L)	Hardnes (mg/L)	Turbid-ity (NTU)	Fecal Colif. (#/100ml)
94/10/11	1130	14.8	59400.0	133	9.5	97.4	8.3	1.0 K	0.111	0.010 K	0.010 K		68	0.7	37
94/11/08	1055	8.0	69100.0	143	11.0	97.1	7.9	1.0	0.116	0.010 K	0.010 U	0.010 K	71	0.9	55
94/12/06	1020	3.5	69700.0	129	11.9	93.8	7.8	2.0	0.109	0.010 U	0.011	0.005 U		0.5 U	6
95/01/10	1110	2.5	55900.0	146	12.4	96.9	7.8	1.0 U	0.143	0.010 U	0.010 U	0.005 U	74	0.6	1 U
95/02/07	1050	3.8	51600.0	146	12.6	99.4	7.7	1.0	0.195	0.018	0.010 U	0.005 U	73	0.6	1
95/03/07	1105	2.9	59800.0	144	13.6	104.7	8.0	3.0	0.176	0.040	0.010 U	0.005 U	75	1.8	1 U
95/04/04	1115	5.5	60900.0	144	12.6	105.1	8.0	2.0	0.154	0.015	0.010 U	0.005 U	75	1.6	6
95/05/03	1050	8.0	54900.0	138	11.5	101.5	8.0	3.0	0.146	0.010 U	0.011	0.005 U	69	1.6	20
95/06/06	0915	12.3	121000.0	130	11.9	116.0	8.4	6.0	0.162	0.019	0.010 U	0.005 U	63	2.1	16
95/07/11	0845	17.0	113000.0	148	11.0	116.8	8.4	3.0	0.143	0.027	0.012	0.005 U	63	1.0	100
95/08/08	1055	18.5	95100.0	126 J	10.0	111.0	8.4	2.0	0.143	0.018	0.010 U	0.008	61	0.8	3
95/09/06	0915	16.7	82900.0	129	10.5	109.8	8.4	2.0	0.137	0.010 U	0.010 U	0.005 U	59	0.9	22

61A070 Columbia R @ Northport continued: more parameters.

Date	Time	NO2+NO3 Nitrog. (mg/L)	Chrom-ium (ug/L)	Copper (ug/L)	Lead (ug/L)	Zinc (ug/L)	Cadmium (ug/L)	Mercury (ug/L)	Cadmium Dissol. (ug/L)	Copper Dissol. (ug/L)	Lead Dissol (ug/L)	Nickle Dissol. (ug/L)	Zinc Dissol. (ug/L)	Arsenic Tot Rec (ug/L)
94/10/11	1130	0.028	0.20 U	2.0	0.8 P	7.8 J	0.10 U	0.0017 P						
94/11/08	1055	0.069	5.00 U	4.7 P	20.0 U	6.3 P		0.0010 U	0.049 P	1.340	0.091 P	1.000 U	2.800 P	30.000 U
94/12/06	1020	0.097		3.0 U	20.0 U	8.6 P	3.00 U	0.0014 P						
95/01/10	1110	0.104	5.00 U	14.0 P	20.0 U	7.1 P	3.00 U	0.0010 U	0.088 P	1.680	0.244	0.390 P	3.700 P	30.000 U
95/02/07	1050	0.117	5.00 U	2.6	0.9 P	9.2 J	0.10 U							30.000 U
95/03/07	1105	0.069	5.00 U	2.0	0.7 P	6.7 J	0.10 U	0.0010 U	0.078 P	1.410	0.057 P	0.568	2.800 P	30.000 U
95/04/04	1115	0.067	0.40 U	2.0	0.7	6.5 J	0.09 P	0.0070 P						0.590 P
95/05/03	1050	0.056	0.30 P	2.4	1.2	7.2 J	0.16 P	0.0010 U						0.700 P
95/06/06	0915	0.041	0.54 P	3.9	2.5	18.0 J	0.10 U	0.0010 U						0.579 P
95/07/11	0845	0.021		2.7	1.1 B	21.6 B	0.14 P	0.0010 P						
95/08/08	1055	0.036		1.9	0.7 J	48.9	0.10 U	0.0010 U						
95/09/06	0915	0.051	1.00 U					0.0010 U	0.083 P	1.470	0.585	1.000 U	3.700 P	1.000 U

Remarks: U,K - Below reporting limit; B - analyte in blank; X - background organisms; J - Estimate; S - Spreader colonies, P - below quantitation limit.

Station No.: 61C070 ONION CR NR NORTHPORT Water Class: AA Latitude: 48 52 15.8
Water Body No.: WA-61-6000 River Mile: 0.30 Longitude: 117 50 33.6

Date	Time	Temp (C)	Flow (CFS)	Conduc-tivity (umhos)	Oxygen (mg/L)	Oxygen Satur. (%)	pH (units)	Suspend Solids (mg/L)	TPN (mg/L)	NH3+NH4 Nitrog. (mg/L)	Total Phosph. (mg/L)	Dissol. Ortho P (mg/L)	Hardnes (mg/L)	Turbid-ity (NTU)	Fecal Colif. (#/100ml)
94/10/11	1040	8.4	0.8	464	11.1	98.6	8.4	1.0 K	0.060	0.010 K	0.026		265	0.5 K	4
94/11/08	1025	2.3	1.2	449	12.8	97.9	8.3	4.0	0.091	0.010 K	0.042	0.028		0.5 U	3
95/02/07	1015	1.6	8.6	366	13.3	99.0	8.2	5.0	0.229	0.010 U	0.010 U	0.022		2.0	2
95/03/07	1020	-0.2	16.0	337	13.8	97.6	8.2	36.0	0.262	0.010 U	0.051	0.019	184	10.0	3
95/04/04	1030	3.6	44.0	191	12.2	96.5	8.2	16.0	0.243	0.010 U	0.035	0.019		8.7	7
95/05/03	1020	6.2	64.0	236	11.6	97.8	8.1	64.0	0.238	0.010 U	0.062	0.013		25.0	27
95/06/06	0820	9.3	19.0	285	10.7	97.4	8.2	41.0	0.263	0.021	0.079	0.020		15.0	180
95/07/11	0740	11.5	5.5	425	10.5	98.8	9.2	4.0	0.274	0.020	0.042	0.032		2.0	3
95/08/08	1025	13.0	3.8	435 J	10.1	99.8	8.6	2.0	0.138	0.010 U	0.041	0.036		0.7	120
95/09/06	0810	10.9	3.0	452	10.5	96.6		1.0 U	0.108	0.010 U	0.029	0.028		0.8	11

61C070 Onion Cr nr Northport continued: more parameters.

Date	Time	NO2+NO3 Nitrog. (mg/L)	Chrom-ium (ug/L)	Copper (ug/L)	Lead (ug/L)	Zinc (ug/L)	Cadmium (ug/L)	Mercury (ug/L)	Cadmium Dissol. (ug/L)	Chromiu Dissol. (ug/L)	Copper Dissol. (ug/L)	Lead Dissol (ug/L)	Nickle Dissol. (ug/L)	Zinc Dissol. (ug/L)	Arsenic Tot Rec (ug/L)
94/10/11	1040	0.010 K						0.0010 U	0.040 U	2.750	0.230 P	0.052 P	1.000 U	2.000 P	
94/11/08	1025	0.133													
95/02/07	1015	0.131													
95/03/07	1020	0.145	5.00 U	0.9 P	5.7	41.6	0.19 P	0.0040 P	0.030 U		0.260 P	0.071 P	0.623	9.140	30.000 U
95/04/04	1030	0.081													
95/05/03	1020	0.017													
95/06/06	0820	0.043													
95/07/11	0740	0.068													
95/08/08	1025	0.057													
95/09/06	0810	0.021													

Remarks: U,K - Below reporting limit; B - analyte in blank; X - background organisms; J - Estimate; S - Spreader colonies, P - below quantitation limit.

Station No.: 61D070 SHEEP CR NR NORTHPORT Water Class: AA Latitude: 48 56 27.4
Water Body No.: WA-61-8000 River Mile: 0.20 Longitude: 117 46 15.0

Date	Time	Temp (C)	Flow (CFS)	Conductivity (umhos)	Oxygen (mg/L)	Oxygen Satur. (%)	pH (units)	Suspend Solids (mg/L)	TPN (mg/L)	NH3+NH4 Nitrog. (mg/L)	Total Phosph. (mg/L)	Dissol. Ortho P (mg/L)	Turbidity (NTU)	Fecal Colif. (#/100ml)	NO2+NO3 Nitrog. (mg/L)
94/10/11	1155	10.0	24.0	185	12.1	111.4	8.7	1.0 K	0.052	0.010 K	0.010 K		0.5 K	2	0.010 K
94/11/08	1145	3.6	27.0	187	13.9	109.5	8.3	1.0	0.080	0.010 K	0.010 U	0.010 K	0.5 U	1	0.038
95/02/07	1135	2.9	41.0	189	13.2	101.5	8.1	2.0	0.176	0.010 U	0.010 U	0.005 U	0.8	1	0.120
95/03/07	1135	1.7	98.0	156	13.5	100.4	8.0	1.0	0.163	0.011	0.010 U	0.005 U	0.8	1 U	0.063
95/04/04	1140	5.0	840.0	135	12.3	101.1	7.6	13.0	0.140	0.010 U	0.027	0.005 U	8.4	1	0.038
95/05/03	1140	7.0	1300.0	99	12.1	104.0	7.8	20.0	0.119	0.010 U	0.044	0.005 U	11.0	27	0.010 U
95/06/06	1025	8.6	1100.0	66	11.4	101.9	8.1	4.0	0.144	0.016	0.010 U	0.005 U	2.7	36	0.012
95/07/11	0950	14.0	85.0	142	10.1	100.6	8.1	5.0	0.101	0.014	0.012	0.005 U	1.0	11	0.021
95/08/08	1135	13.6	46.0	168 J	10.7	107.0	8.6	1.0 U	0.108	0.019	0.010 U	0.009	0.6	11	0.022
95/09/06	1025	13.4	30.0	188	10.7	104.2	8.4	1.0	0.117	0.010 U	0.010 U	0.005 U	0.6	8	0.022

Remarks: U,K - Below reporting limit; B - analyte in blank; X - background organisms; J - Estimate; S - Spreader colonies, P - below quantitation limit.

Station No.: 62A090 PEND OREILLE @ METALINE FALLS Water Class: A Latitude: 48 51 54.0

Water Body No.: WA-62-1010 River Mile: 27.00 Longitude: 117 22 20.0

Date	Time	Temp (C)	Flow (CFS)	Conduc-tivity (umhos)	Oxygen (mg/L)	Oxygen Satur. (%)	pH (units)	Suspend Solids (mg/L)	TPN (mg/L)	NH3+NH4 Nitrog. (mg/L)	Total Phosph. (mg/L)	Dissol. Ortho P (mg/L)	Turbid-ity (NTU)	Fecal Colif. (#/100ml)	NO2+NO3 Nitrog. (mg/L)
94/10/11	1350	14.3	20400.0	159	9.6	99.9	8.5	1.0	0.070	0.010 K	0.010 K		1.0	68	0.010 K
94/11/08	1345	7.1	27200.0	164	10.7	95.3	8.2	2.0	0.074	0.010 K	0.010 U	0.010 K	1.4	1	0.010 K
94/12/06	1530	0.8	10100.0	160	12.2	91.6	8.0	5.0	0.010 U	0.010 U	0.010 U	0.005 U	1.2	1 U	0.010 U
95/01/10	1355	-0.2	13900.0	171	13.3	98.9	8.0	2.0	0.052	0.010 U	0.022	0.005 U	0.9	1	0.010 U
95/02/07	1345	1.7	11200.0	149	13.3	101.9	8.0	2.0	0.122	0.016	0.010 U	0.005 U	1.5	1 U	0.010 U
95/03/07	1320	2.0	25800.0	148	12.8	98.8	8.2	5.0	0.108	0.010 U	0.010 U	0.005 U	4.6	1 U	0.010 U
95/04/04	1335	6.5	25000.0	140	12.2	107.4	8.2	3.0	0.109	0.010 U	0.010 U	0.005 U	2.7	1 U	0.010 U
95/05/03	1335	11.2	22100.0	134	10.0	97.3	8.0	5.0	0.105	0.010 U	0.012	0.005 U	3.9	1	0.010 U
95/06/06	1245	16.9	37700.0	132	10.3	113.5	7.7	5.0	0.146	0.024	0.010 U	0.005 U	3.4	6	0.010 U
95/07/11	1215	19.5	39800.0	163	10.2	117.0	7.9	7.0	0.157	0.010 U	0.014	0.005 U	2.7	4	0.010 U
95/08/08	1335	20.9	16300.0	156	8.6	102.5	8.5	2.0	0.114	0.010 U	0.010 U	0.009	1.1	4	0.010 U
95/09/06	1230	19.4	15600.0	159	9.6	108.9	8.7	2.0	0.099	0.010 U	0.010 U	0.005 U	1.2	1	0.010 U

Remarks: U,K - Below reporting limit; B - analyte in blank; X - background organisms; J - Estimate; S - Spreader colonies, P - below quantitation limit.

Station No.: 62A150 PEND OREILLE R @ NEWPORT Water Class: A Latitude: 48 11 07.0

Water Body No.: WA-62-1020 River Mile: 88.20 Longitude: 117 02 02.0

Date	Time	Temp (C)	Flow (CFS)	Conduc-tivity (umhos)	Oxygen (mg/L)	Oxygen Satur. (%)	pH (units)	Suspend Solids (mg/L)	TPN (mg/L)	NH3+NH4 Nitrog. (mg/L)	Total Phosph. (mg/L)	Dissol. Ortho P (mg/L)	Turbid-ity (NTU)	Fecal Colif. (#/100ml)	NO2+NO3 Nitrog. (mg/L)
94/10/10	1215	14.5	19400.0	159	9.3	97.7	8.2	1.0	0.084	0.010 K	0.010 K	0.010 K	1.0	1	0.010 K
94/11/07	1205	7.8	26500.0	159	10.6	95.4	8.0	3.0	0.084	0.010 K	0.010 U	0.010 K	1.7	1 U	0.010 K
94/12/05	1315	1.9	16600.0	156	11.9	92.4	8.1	2.0	0.030	0.010 U	0.014	0.005 U	1.1	1 U	0.010 U
95/01/09	1150	0.0	17700.0	160	13.0	96.8	8.2 J	2.0	0.089	0.010 U	0.020	0.005 U	0.9	1 U	0.030
95/02/06	1215	2.4	7000.0	145	13.2	102.9	8.0	4.0	0.100	0.010 U	0.010 U	0.005 U	2.9	1	0.010 U
95/03/06	1245	1.7	23800.0	154	13.0	99.8	8.1	5.0	0.112	0.010 U	0.010 U	0.005 U	3.7	1 U	0.022
95/04/03	1240	5.7	9520.0	137	12.2	104.1	8.1	4.0	0.121	0.010 U	0.010 U	0.005 U	2.8	1 U	0.012
95/05/02	1235	10.0	18300.0	139	10.3	98.4	8.1	5.0				0.005 U	3.6	1	
95/06/05	1050	17.2	40500.0	144	10.8	119.7	8.2	5.0	0.138	0.016	0.010 U	0.005 U	3.2	4	0.010 U
95/07/10	1010	19.8	40000.0	167	10.3	118.6	8.2	4.0	0.097	0.010 U	0.015	0.005 U	1.9	3	0.010 U
95/08/07	1205	20.7	15400.0	160	8.7	104.1	8.5	1.0	0.046	0.013	0.010 U	0.011	1.3	1 U	0.010 U
95/09/05	0950	19.8	11700.0	161	9.2	105.5	8.5	2.0	0.095	0.010 U	0.010 U	0.005 U	1.3	6	0.010 U

Remarks: U,K - Below reporting limit; B - analyte in blank; X - background organisms; J - Estimate; S - Spreader colonies, P - below quantitation limit.

REPORT CREATION DATE: 96/09/27

QUARTERLY DATA SUMMARY--SIX YEAR AVERAGE

Station Number: 62A090 Name: PEND OREILLE @ METALINE FALLS Class: A Elevation: 2020 River Mile: 27.00

Location:
LOCATED AT THE BRIDGE ON HIGHWAY 31 BETWEEN METALINE AND METALINE FALLS
CROSSING THE PEND OREILLE RIVER

Water Years Sampled:

5	6			7				8				9																		
9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6
X	X	X	X																																	X	X

VARIABLE	P-CODE	UNITS	---OCTOBER-DECEMBER---			-----JANUARY-MARCH----			------APRIL-JUNE------			----JULY-SEPTEMBER----			-----SIX YEAR------	
			MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MAX	MIN
TEMP	P10	C	9.480	5.880	5	1.380	0.896	5	10.833	4.358	6	20.467	2.288	6	24.900	-0.200
PRESS	P25	mmHg	707.000	2.635	5	707.240	7.124	5	712.000	9.248	6	712.733	5.930	6	729.200	695.700
OXYGEN	P300	mg/L	10.360	1.172	5	12.880	0.409	5	10.750	0.969	6	9.150	0.638	6	13.300	8.600
PCTSAT	P301	%	96.160	3.120	5	98.380	2.387	5	102.833	6.404	6	107.350	5.958	6	117.000	91.600
FC	P31616	#/100ml	14.600	29.855	5	1.000	0.000	5	2.000	2.000	6	3.333	2.251	6	68.000	1.000U
PH	P400	units	8.240	0.207	5	8.060	0.089	5	8.017	0.264	6	8.450	0.308	6	8.700	7.700
SUSSOL	P530	mg/L	2.200	1.643	5	2.800	1.304	5	3.667	1.211	6	2.500	2.258	6	7.000	1.000K
FLOW	P60	CFS	21820.000	7065.904	5	17580.000	6334.193	5	26100.000	8579.744	6	16870.000	11799.924	6	39800.000	6320.000
TPN	P600	mg/L	0.067	0.034	5	0.098	0.027	5	0.093	0.033	6	0.114	0.024	6	0.157	0.010U
NH3_N	P610	mg/L	0.010	0.000	5	0.011	0.003	5	0.012	0.006	6	0.010	0.001	6	0.024	0.010U
NO2_NO3	P630	mg/L	0.010	0.000	5	0.011	0.002	5	0.010	0.000	6	0.010	0.000	6	0.015	0.010U
TP_P	P665	mg/L	0.010	0.000	5	0.013	0.005	5	0.010	0.001	6	0.011	0.002	6	0.022	0.010U
OP_DIS	P671	mg/L	0.009	0.003	4	0.007	0.003	5	0.008	0.003	6	0.008	0.002	6	0.010	0.005U
TURB	P82079	NTU	1.080	0.228	5	1.860	1.595	5	2.650	0.896	6	1.317	0.703	6	4.600	0.600
COND	P95	umhos	159.600	2.702	5	158.200	9.680	5	140.167	8.589	6	151.833	13.497	6	171.000	127.000

Summary statistics should be used with caution because variables may not be normally distributed. Values at the detection limit were replaced with 1/2 the detection limit.

REPORT CREATION DATE: 96/09/27

QUARTERLY DATA SUMMARY--SIX YEAR AVERAGE

Station Number: 62A150 Name: PEND OREILLE R @ NEWPORT Class: A Elevation: 2030 River Mile: 88.20

Location:
LOCATED IN BONNER COUNTY, IDAHO AT THE BRIDGE ON U S HIGHWAY 2, JUST EAST OF NEWPORT

Water Years Sampled:

5	6							7								8									9						
9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6
X	X	X	X	X	X	X	X											X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

VARIABLE	P-CODE	UNITS	---OCTOBER-DECEMBER---			-----JANUARY-MARCH----			------APRIL-JUNE------			----JULY-SEPTEMBER----			-----SIX YEAR------	
			MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MAX	MIN
TEMP	P10	C	8.733	4.540	18	2.169	1.407	16	10.083	3.834	18	19.633	2.208	18	24.900	0.000
PRESS	P25	mmHg	712.317	5.508	18	710.240	5.615	15	709.756	3.554	18	711.439	4.138	18	720.900	699.000
OXYGEN	P300	mg/L	10.444	1.061	18	12.550	0.476	16	11.206	0.963	18	9.117	0.531	18	13.300	8.500
PCTSAT	P301	%	94.717	2.489	18	97.544	4.050	16	105.639	5.449	18	105.511	5.928	18	119.700	89.200
FC	P31616	#/100ml	1.500	1.200	18	1.688	1.662	16	2.278	1.742	18	5.941	14.860	17	63.000	1.000U
PH	P400	units	8.128	0.171	18	7.956	0.234	16	8.100	0.206	17	8.406	0.183	18	8.600	7.500
SUSSOL	P530	mg/L	2.556	1.042	18	3.467	1.187	15	5.000	2.401	18	2.176	0.951	17	13.000	1.000K
FLOW	P60	CFS	23372.222	4539.215	18	18793.750	6713.416	16	28550.556	20092.563	18	19182.778	12582.190	18	75600.000	3600.000
TPN	P600	mg/L	0.082	0.027	6	0.113	0.019	6	0.093	0.038	5	0.090	0.026	6	0.145	0.030
NH3_N	P610	mg/L	0.011	0.004	18	0.011	0.005	15	0.010	0.002	17	0.010	0.001	17	0.027	0.004
NO2_DIS	P613	mg/L	0.009	0.002	12	0.010	0.000	10	0.009	0.003	12	0.010	0.000	11	0.010	0.001
NO2_N	P615	mg/L	0.010	0.000	3	0.010	0.000	3	0.010	0.000	2	0.010	0.000	3	0.010	0.010K
NH3_UN	P619	mg/L	0.001	0.003	14	0.000	0.000	12	0.000	0.000	11	0.001	0.001	9	0.011	0.000
NO3_N	P620	mg/L	0.013	0.006	3	0.023	0.012	3	0.013	0.006	3	0.010	0.000	3	0.030	0.010K
NO2_NO3	P630	mg/L	0.012	0.006	18	0.036	0.017	16	0.012	0.004	17	0.010	0.000	18	0.070	0.010U
TP_P	P665	mg/L	0.010	0.002	17	0.012	0.004	15	0.011	0.002	17	0.011	0.002	18	0.020	0.006
OP_DIS	P671	mg/L	0.009	0.002	18	0.009	0.002	16	0.009	0.003	18	0.010	0.002	18	0.011	0.002
COLOR	P80	Pt-Co	8.143	4.337	7	9.000	11.314	2	8.667	8.021	3	23.000	28.355	3	55.000	1.000
TURB	P82079	NTU	1.061	0.336	18	1.875	1.240	16	2.067	0.658	18	1.294	0.370	18	5.500	0.400
HARD	P900	mg/L	0.000	0.000	0	0.000	0.000	0	29.000	1.414	2	0.000	0.000	0	85.000	85.000
COND	P95	umhos	164.556	18.627	18	164.938	13.772	16	143.056	16.148	18	149.611	12.687	18	211.000	107.000

Summary statistics should be used with caution because variables may not be normally distributed. Values at the detection limit were replaced with 1/2 the detection limit.

REPORT CREATION DATE: 96/09/27

QUARTERLY DATA SUMMARY--SIX YEAR AVERAGE

Station Number: 61D070 Name: SHEEP CR NR NORTHPORT Class: AA Elevation: 1317 River Mile: 0.20

Location:
LOCATED ON HIGHWAY 25 1.3 MILES NORTH OF COLUMBIA RIVER BRIDGE

Water Years Sampled:

5	6						7								8								9						
9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6
																											X										

VARIABLE	P-CODE	UNITS	---OCTOBER-DECEMBER---			-----JANUARY-MARCH----			------APRIL-JUNE------			----JULY-SEPTEMBER----			-----SIX YEAR------	
			MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MAX	MIN
TEMP	P10	C	6.800	4.525	2	2.300	0.849	2	6.867	1.804	3	13.667	0.306	3	14.000	1.700
PRESS	P25	mmHg	728.500	0.707	2	732.250	0.354	2	725.767	2.065	3	735.933	8.121	3	743.700	723.400
OXYGEN	P300	mg/L	13.000	1.273	2	13.350	0.212	2	11.933	0.473	3	10.500	0.346	3	13.900	10.100
PCTSAT	P301	%	110.450	1.344	2	100.950	0.778	2	102.333	1.498	3	103.933	3.208	3	111.400	100.400
FC	P31616	#/100ml	1.500	0.707	2	1.000	0.000	2	21.333	18.175	3	10.000	1.732	3	36.000	1.000U
PH	P400	units	8.500	0.283	2	8.050	0.071	2	7.833	0.252	3	8.367	0.252	3	8.700	7.600
SUSSOL	P530	mg/L	1.000	0.000	2	1.500	0.707	2	12.333	8.021	3	2.333	2.309	3	20.000	1.000U
FLOW	P60	CFS	25.500	2.121	2	69.500	40.305	2	1080.000	230.651	3	53.667	28.290	3	1300.000	24.000
TPN	P600	mg/L	0.066	0.020	2	0.170	0.009	2	0.134	0.013	3	0.109	0.008	3	0.176	0.052
NH3_N	P610	mg/L	0.010	0.000	2	0.011	0.001	2	0.012	0.003	3	0.014	0.005	3	0.019	0.010U
NO2_NO3	P630	mg/L	0.024	0.020	2	0.092	0.040	2	0.020	0.016	3	0.022	0.001	3	0.120	0.010U
TP_P	P665	mg/L	0.010	0.000	2	0.010	0.000	2	0.027	0.017	3	0.011	0.001	3	0.044	0.010U
OP_DIS	P671	mg/L	0.000	0.000	0	0.005	0.000	2	0.005	0.000	3	0.006	0.002	3	0.010	0.005U
TURB	P82079	NTU	0.500	0.000	2	0.800	0.000	2	7.367	4.245	3	0.733	0.231	3	11.000	0.500U
COND	P95	umhos	186.000	1.414	2	172.500	23.335	2	100.000	34.511	3	166.000	23.065	3	189.000	66.000

Summary statistics should be used with caution because variables may not be normally distributed. Values at the detection limit were replaced with 1/2 the detection limit.

Appendix C

Wateryear 1995 Six-Year Summary Statistics for Core Stations in Ecology's River and Stream Ambient Monitoring Program

REPORT CREATION DATE: 96/09/27

QUARTERLY DATA SUMMARY--SIX YEAR AVERAGE

Station Number: 01A050 Name: NOOKSACK R @ BRENNAN

Class: A Elevation: 10 River Mile: 3.40

Location:
LOCATED ONE MILE WEST OF BRENNAN AT BRIDGE OVER NOOKSACK ON STATE
HIGHWAY 540 (RURAL ROAD EXIT FROM I-5)

Water Years Sampled:

```
5 6                 7                   8                   9
9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6
                      X   X X     X X X X X X X X X X X X X X X X X X X X X
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VARIABLE	P-CODE	UNITS	OCTOBER-DECEMBER MEAN	STD. DEV.	N	JANUARY-MARCH MEAN	STD. DEV.	N	APRIL-JUNE MEAN	STD. DEV.	N	JULY-SEPTEMBER MEAN	STD. DEV.	N	SIX YEAR MAX	MIN
TEMP	P10	C	7.256	2.357	18	5.359	1.945	17	10.633	2.358	18	15.789	1.515	18	17.900	1.000
ZN	P1094	ug/L	20.286	21.328	7	15.167	16.810	6	7.200	3.493	5	5.200	1.924	5	67.000	2.000K
CD	P1113	ug/L	0.129	0.049	7	0.193	0.095	6	0.147	0.079	6	0.100	0.000	5	0.360	0.100K
PB	P1114	ug/L	2.129	1.401	7	2.000	2.125	6	2.260	1.691	5	1.100	0.141	5	6.300	1.000K
CR	P1118	ug/L	3.775	2.918	4	3.422	4.115	5	3.956	1.805	5	1.296	1.108	5	10.600	0.550P
CU	P1119	ug/L	10.600	14.404	7	9.500	10.876	6	4.267	1.817	6	4.040	1.452	5	42.400	2.000K
PRESS	P25	mmHg	764.144	7.200	18	765.124	8.131	17	764.056	4.785	18	765.512	5.382	17	777.500	747.500
OXYGEN	P300	mg/L	11.739	0.718	18	12.069	0.617	16	10.733	0.460	18	9.994	0.445	18	13.600	9.500
PCTSAT	P301	%	96.306	2.465	18	94.419	2.343	16	95.506	4.408	18	99.350	3.134	18	106.300	84.400
FC	P31616	#/100ml	134.824	163.465	17	173.188	211.119	16	89.588	105.625	17	228.556	433.275	18	1900.000	6.000
PH	P400	units	7.617	0.255	18	7.520	0.197	15	7.500	0.217	18	7.582	0.227	17	8.300	7.200
SUSSOL	P530	mg/L	206.500	364.082	18	92.000	171.991	17	47.778	58.276	18	43.067	36.606	18	1520.000	6.000
FLOW	P60	CFS	4847.000	4715.511	18	4682.353	4196.925	17	3845.833	1347.984	18	1955.000	701.681	18	20700.000	785.000
TPN	P600	mg/L	0.477	0.230	6	0.849	0.277	6	0.262	0.178	6	0.169	0.046	6	1.220	0.097
NH3_N	P610	mg/L	0.039	0.035	18	0.050	0.026	17	0.019	0.011	18	0.016	0.008	16	0.130	0.010U
NO2_DIS	P613	mg/L	0.009	0.002	12	0.010	0.000	11	0.010	0.000	12	0.010	0.002	12	0.010	0.002K
NO2_N	P615	mg/L	0.010	0.000	3	0.010	0.000	3	0.010	0.000	3	0.010	0.000	3	0.010	0.010K
NH3_UN	P619	mg/L	0.000	0.000	10	0.000	0.000	11	0.000	0.000	12	0.000	0.000	9	0.001	0.000
NO3_N	P620	mg/L	0.495	0.120	2	0.553	0.047	3	0.223	0.111	3	0.137	0.059	3	0.590	0.070
NO2_NO3	P630	mg/L	0.429	0.182	18	0.604	0.197	17	0.230	0.097	18	0.147	0.042	16	0.971	0.094
TP_P	P665	mg/L	0.098	0.176	18	0.066	0.079	17	0.037	0.022	18	0.044	0.027	16	0.777	0.010U
OP_DIS	P671	mg/L	0.016	0.021	18	0.011	0.003	16	0.010	0.001	18	0.010	0.003	18	0.100	0.005U
HG	P71900	ug/L	0.061	0.027	7	0.028	0.011	5	0.037	0.008	6	0.051	0.022	4	0.100	0.020K
COLOR	P80	Pt-Co	33.500	21.486	4	283.000	465.174	3	14.667	23.671	3	2.000	1.732	3	820.000	1.000K
TURB	P82079	NTU	82.667	185.055	18	34.129	63.194	17	16.259	17.231	17	22.833	17.092	18	800.000	2.000
HARD	P900	mg/L	46.857	6.793	7	47.500	9.955	6	36.167	6.369	6	36.500	11.777	6	61.000	17.000
COND	P95	umhos	97.167	26.327	18	103.294	20.096	17	84.056	14.834	18	95.000	14.761	18	149.000	38.000

Summary statistics should be used with caution because variables may not be normally distributed. Values at the detection limit were replaced with 1/2 the detection limit.

REPORT CREATION DATE: 96/09/27

QUARTERLY DATA SUMMARY--SIX YEAR AVERAGE

Station Number: 01A120 Name: NOOKSACK R @ NO CEDARVILLE Class: A Elevation: 140 River Mile: 30.80

Location:
LOCATED ON HIGHWAY 542 (MOUNT BAKER HIGHWAY) AT BRIDGE OVER NOOKSACK RIVER BETWEEN CEDARVILLE AND NORTH CEDARVILLE APPROXIMATELY FOUR MILES WEST OF DEMING

Water Years Sampled:

5 6	7	8	9
9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6			
X X X X X X X X X X X X X X X X X X X X X X X X X X X X X X X X X X X X X			

VARIABLE	P-CODE	UNITS	---OCTOBER-DECEMBER---			-----JANUARY-MARCH----			------APRIL-JUNE------			----JULY-SEPTEMBER----			-----SIX YEAR------	
			MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MAX	MIN
TEMP	P10	C	6.742	2.344	12	4.467	1.574	12	8.567	1.811	12	13.025	1.556	12	16.000	1.400
PRESS	P25	mmHg	759.133	7.146	12	760.925	9.203	12	759.992	6.147	12	763.408	5.801	12	774.400	745.200
OXYGEN	P300	mg/L	12.142	0.839	12	12.591	0.606	11	11.433	0.360	12	10.825	0.437	12	13.700	10.200
PCTSAT	P301	%	99.042	4.404	12	96.736	2.282	11	97.542	3.977	12	101.725	3.369	12	109.000	87.900
FC	P31616	#/100ml	13.455	10.289	11	16.091	16.658	11	16.167	26.761	12	34.167	60.042	12	180.000	1.000U
PH	P400	units	7.558	0.294	12	7.455	0.202	11	7.575	0.286	12	7.567	0.314	12	8.100	7.000
SUSSOL	P530	mg/L	187.333	394.628	12	216.000	592.016	12	43.583	49.968	12	53.433	73.847	12	2080.000	3.000
FLOW	P60	CFS	4698.917	4847.806	12	3727.500	3019.371	12	3710.833	1078.968	12	1915.750	786.730	12	18800.000	816.000
TPN	P600	mg/L	0.312	0.205	3	0.327	0.063	3	0.163	0.055	3	0.075	0.005	3	0.537	0.070
NH3_N	P610	mg/L	0.026	0.034	12	0.018	0.011	12	0.017	0.013	12	0.013	0.005	11	0.120	0.005K
NO2_DIS	P613	mg/L	0.009	0.003	9	0.010	0.000	9	0.010	0.000	9	0.009	0.003	9	0.010	0.002K
NO2_N	P615	mg/L	0.010	0.000	3	0.010	0.000	3	0.010	0.000	3	0.010	0.000	3	0.010	0.010K
NH3_UN	P619	mg/L	0.000	0.000	11	0.000	0.000	11	0.000	0.000	12	0.000	0.000	9	******.***	0.000
NO3_N	P620	mg/L	0.257	0.133	3	0.227	0.046	3	0.110	0.056	3	0.047	0.023	3	0.370	0.020
NO2_NO3	P630	mg/L	0.236	0.105	12	0.246	0.066	12	0.104	0.046	12	0.061	0.013	11	0.484	0.048
TP_P	P665	mg/L	0.104	0.243	12	0.092	0.175	12	0.031	0.018	12	0.057	0.085	11	0.872	0.006J
OP_DIS	P671	mg/L	0.009	0.002	12	0.010	0.006	12	0.009	0.002	12	0.008	0.003	12	0.027	0.001J
COLOR	P80	Pt-Co	18.875	14.991	4	152.667	248.967	3	28.000	8.888	3	2.500	2.121	2	440.000	1.000
TURB	P82079	NTU	108.042	282.209	12	45.558	86.934	12	15.092	13.403	12	27.675	31.517	12	1000.000	1.800
COND	P95	umhos	82.083	20.887	12	81.583	18.832	12	71.250	11.537	12	83.500	15.030	12	118.000	38.000

Summary statistics should be used with caution because variables may not be normally distributed. Values at the detection limit were replaced with 1/2 the detection limit.

REPORT CREATION DATE: 96/09/27

QUARTERLY DATA SUMMARY--SIX YEAR AVERAGE

Station Number: 03A060 Name: SKAGIT R NR MOUNT VERNON Class: A Elevation: 14 River Mile: 15.90

Location:
LOCATED ONE MILE NORTH OF MOUNT VERNON AT THE BRIDGE CROSSING THE SKAGIT RIVER ON OLD HIGHWAY 99 (.3 MILE EAST OF INTERSTATE 5)

Water Years Sampled:

5	6										7										8										9						
9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6
X	X	X	X	X	X	X	X	X			X	X									X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

VARIABLE	P-CODE	UNITS	---OCTOBER-DECEMBER---			-----JANUARY-MARCH----			------APRIL-JUNE------			----JULY-SEPTEMBER----			-----SIX YEAR------	
			MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MAX	MIN
TEMP	P10	C	8.078	2.301	18	4.744	1.147	18	9.567	1.934	18	13.789	1.208	18	15.700	1.400
CR	P1118	ug/L	0.000	0.000	0	5.000	0.000	2	0.000	0.000	0	5.000	0.000	2	5.000	5.000U
PRESS	P25	mmHg	764.172	6.700	18	765.517	10.705	18	766.928	4.574	18	767.929	5.496	17	779.800	741.700
OXYGEN	P300	mg/L	11.656	0.789	18	12.456	0.541	18	11.183	0.499	18	10.300	0.365	18	13.500	9.800
PCTSAT	P301	%	97.500	2.556	18	95.944	2.741	18	96.661	1.961	18	97.883	2.773	18	105.300	89.500
FC	P31616	#/100ml	20.389	22.403	18	14.611	19.950	18	13.111	11.931	18	32.333	34.255	18	140.000	1.000
COD	P340	mg/L	7.000	2.646	3	7.667	1.528	3	6.333	2.082	3	4.500	0.707	2	10.000	4.000K
PH	P400	units	7.422	0.190	18	7.425	0.238	16	7.444	0.248	18	7.500	0.306	17	8.100	6.900
SUSSOL	P530	mg/L	47.611	59.912	18	28.389	44.304	18	36.833	88.254	18	108.922	283.314	18	1230.000	2.000
FLOW	P60	CFS	18272.222	12003.737	18	18910.556	9771.423	18	17073.333	5668.393	18	12323.333	5627.625	18	51700.000	4340.000
TPN	P600	mg/L	0.186	0.071	6	0.236	0.057	6	0.091	0.047	6	0.081	0.006	6	0.325	0.010K
NH3_N	P610	mg/L	0.019	0.011	18	0.014	0.005	18	0.011	0.003	18	0.015	0.009	16	0.045	0.010U
NO2_DIS	P613	mg/L	0.009	0.002	12	0.010	0.000	12	0.010	0.000	12	0.009	0.002	12	0.011	0.002K
NO2_N	P615	mg/L	0.010	0.000	3	0.010	0.000	3	0.010	0.000	3	0.010	0.000	3	0.010	0.010K
NH3_UN	P619	mg/L	0.000	0.000	11	0.000	0.000	12	0.000	0.000	12	0.000	0.000	9	0.001	0.000
NO3_N	P620	mg/L	0.120	0.070	3	0.113	0.015	3	0.087	0.025	3	0.043	0.012	3	0.170	0.030
NO2_NO3	P630	mg/L	0.137	0.053	18	0.146	0.042	18	0.098	0.079	18	0.044	0.010	17	0.400	0.030
TP_P	P665	mg/L	0.036	0.048	18	0.028	0.033	18	0.015	0.007	18	0.073	0.173	17	0.737	0.010U
OP_DIS	P671	mg/L	0.009	0.002	18	0.009	0.002	18	0.009	0.002	18	0.009	0.003	18	0.011	0.001J
HG	P71900	ug/L	0.000	0.000	0	0.001	0.000	2	0.000	0.000	0	0.001	0.000	2	12.000	12.000P
COLOR	P80	Pt-Co	22.000	19.916	4	99.333	156.666	3	21.333	18.771	3	22.667	34.962	3	280.000	1.000
TURB	P82079	NTU	15.700	29.921	18	9.283	13.965	18	4.478	4.069	18	28.289	60.098	18	260.000	1.200
HARD	P900	mg/L	25.500	2.121	2	28.500	0.707	2	0.000	0.000	0	21.500	2.121	2	29.000	20.000
COND	P95	umhos	55.111	8.838	18	59.278	8.259	18	49.000	12.617	18	47.556	7.461	18	89.000	30.000

Summary statistics should be used with caution because variables may not be normally distributed. Values at the detection limit were replaced with 1/2 the detection limit.

REPORT CREATION DATE: 96/09/27

QUARTERLY DATA SUMMARY--SIX YEAR AVERAGE

Station Number: 03B045 Name: SAMISH R. NR MOUTH Class: A Elevation: 8 River Mile: 4.70

Location:
Old Hwy 99 to Allen West Road to Thomas Road to bridge.

Water Years Sampled:
5 6 7 8 9
9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6
X

VARIABLE	P-CODE	UNITS	---OCTOBER-DECEMBER---			-----JANUARY-MARCH----			------APRIL-JUNE------			----JULY-SEPTEMBER----			-----SIX YEAR------	
			MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MAX	MIN
TEMP	P10	C	7.800	2.100	3	6.000	0.000	3	10.733	2.743	3	15.100	2.402	3	17.800	6.000
PRESS	P25	mmHg	762.233	6.982	3	758.967	13.021	3	764.367	3.564	3	775.567	4.701	3	780.800	746.800
OXYGEN	P300	mg/L	10.700	0.819	3	11.567	0.208	3	10.400	0.985	3	9.400	0.265	3	11.800	9.100
PCTSAT	P301	%	89.200	3.081	3	92.867	2.627	3	92.600	7.076	3	91.067	6.860	3	99.300	84.000
FC	P31616	#/100ml	106.667	30.551	3	69.333	45.764	3	161.333	89.473	3	197.667	138.659	3	340.000	31.000
PH	P400	units	7.367	0.058	3	7.150	0.071	2	7.400	0.000	3	7.700	0.173	3	7.900	7.100
SUSSOL	P530	mg/L	21.333	21.825	3	35.000	36.428	3	6.000	1.000	3	4.000	0.000	3	77.000	2.000
TPN	P600	mg/L	0.818	0.259	3	1.259	0.306	3	0.778	0.060	3	0.642	0.076	3	1.460	0.573
NH3_N	P610	mg/L	0.022	0.011	3	0.015	0.006	3	0.021	0.020	3	0.013	0.003	3	0.044	0.010U
NO2_NO3	P630	mg/L	0.664	0.194	3	0.944	0.168	3	0.620	0.040	3	0.500	0.048	3	1.090	0.469
TP_P	P665	mg/L	0.050	0.033	3	0.049	0.018	3	0.031	0.022	3	0.018	0.004	3	0.087	0.010U
OP_DIS	P671	mg/L	0.015	0.004	3	0.009	0.005	3	0.009	0.001	3	0.012	0.008	3	0.021	0.005
TURB	P82079	NTU	16.033	13.950	3	22.100	19.878	3	4.533	2.845	3	2.967	0.751	3	45.000	2.100
COND	P95	umhos	92.667	32.517	3	68.000	7.211	3	111.667	29.143	3	150.333	4.163	3	155.000	60.000

Summary statistics should be used with caution because variables may not be normally distributed. Values at the detection limit were replaced with 1/2 the detection limit.

REPORT CREATION DATE: 96/09/27

QUARTERLY DATA SUMMARY--SIX YEAR AVERAGE

Station Number: 03B050 Name: SAMISH R NR BURLINGTON Class: A Elevation: 38 River Mile: 10.40

Location:
LOCATED AT BRIDGE OVER SAMISH RIVER ON OLD HIGHWAY 99 APPROXIMATELY
MID WAY BETWEEN BURLINGTON AND ALGER

Water Years Sampled:

5	6								7								8														9						
9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6
X	X	X	X	X	X	X	X	X		X	X	X				X			X	X	X	X	X	X	X	X	X	X	X	X		X		X	X		

VARIABLE	P-CODE	UNITS	---OCTOBER-DECEMBER---			-----JANUARY-MARCH----			------APRIL-JUNE------			----JULY-SEPTEMBER----			-----SIX YEAR------	
			MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MAX	MIN
TEMP	P10	C	7.975	2.454	12	4.975	1.941	12	10.825	1.680	12	13.267	1.835	12	15.800	0.500
PRESS	P25	mmHg	762.742	6.956	12	764.542	12.768	12	766.867	5.239	12	769.783	4.741	12	780.300	741.200
OXYGEN	P300	mg/L	11.450	1.065	12	12.342	0.672	12	10.567	0.505	12	9.833	0.633	12	13.800	8.700
PCTSAT	P301	%	95.592	3.972	12	95.658	1.417	12	94.050	1.793	12	91.983	2.860	12	106.200	85.700
FC	P31616	#/100ml	280.167	615.951	12	57.083	55.152	12	195.333	147.243	12	341.833	591.347	12	2200.000	8.000
PH	P400	units	7.467	0.192	12	7.245	0.478	11	7.392	0.162	12	7.525	0.270	12	7.900	6.400
SUSSOL	P530	mg/L	77.333	174.754	12	31.667	37.568	12	8.417	5.054	12	4.550	6.176	12	629.000	1.000
FLOW	P60	CFS	357.460	381.804	10	595.455	521.539	11	200.783	137.613	12	45.517	36.231	12	1860.000	16.600
TPN	P600	mg/L	0.814	0.144	3	1.116	0.277	3	0.826	0.047	3	0.765	0.123	3	1.380	0.680
NH3_N	P610	mg/L	0.027	0.013	12	0.025	0.019	12	0.016	0.008	12	0.015	0.008	10	0.080	0.010U
NO2_DIS	P613	mg/L	0.009	0.003	9	0.010	0.001	9	0.010	0.000	9	0.009	0.002	9	0.012	0.002K
NO2_N	P615	mg/L	0.010	0.000	3	0.010	0.000	3	0.010	0.000	3	0.010	0.000	3	0.010	0.010K
NH3_UN	P619	mg/L	0.000	0.000	10	0.000	0.000	11	0.000	0.000	12	0.000	0.000	9	0.001	0.000
NO3_N	P620	mg/L	0.875	0.007	2	0.913	0.150	3	0.673	0.051	3	0.757	0.055	3	1.000	0.630
NO2_NO3	P630	mg/L	0.803	0.187	12	0.783	0.141	12	0.585	0.085	12	0.632	0.078	11	1.220	0.470
TP_P	P665	mg/L	0.044	0.042	12	0.039	0.029	12	0.023	0.009	12	0.016	0.009	11	0.166	0.010U
OP_DIS	P671	mg/L	0.010	0.000	12	0.009	0.002	12	0.010	0.002	12	0.009	0.002	12	0.015	0.004J
COLOR	P80	Pt-Co	34.250	11.927	4	59.000	72.125	2	62.667	21.939	3	2.000	1.732	3	110.000	1.000
TURB	P82079	NTU	16.525	26.678	12	12.517	11.266	12	3.683	1.322	12	2.242	2.493	12	97.000	0.900
HARD	P900	mg/L	0.000	0.000	0	0.000	0.000	0	0.000	0.000	0	0.000	0.000	0	30.000	30.000
COND	P95	umhos	81.000	23.599	12	69.000	10.144	12	84.833	13.868	12	116.500	16.920	12	30.000	30.000

Summary statistics should be used with caution because variables may not be normally distributed. Values at the detection limit were replaced with 1/2 the detection limit.

REPORT CREATION DATE: 96/09/27

QUARTERLY DATA SUMMARY--SIX YEAR AVERAGE

Station Number: 03B080 Name: SAMISH R. NR PRAIRIE Class: A Elevation: 170 River Mile: 20.80

Location:
Hwy 20 to Hwy 9 to Prairie Road to bridge.

Water Years Sampled:
5 6 7 8 9
9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6
X

VARIABLE	P-CODE	UNITS	---OCTOBER-DECEMBER---			-----JANUARY-MARCH----			------APRIL-JUNE------			----JULY-SEPTEMBER----			-----SIX YEAR------	
			MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MAX	MIN
TEMP	P10	C	7.400	1.836	3	6.367	1.250	3	9.100	1.744	3	10.467	0.513	3	10.900	5.500
PRESS	P25	mmHg	757.600	7.475	3	755.533	11.787	3	760.567	4.876	3	771.200	4.423	3	776.200	745.700
OXYGEN	P300	mg/L	9.733	1.172	3	10.667	0.208	3	9.467	0.808	3	8.333	0.058	3	10.900	8.300
PCTSAT	P301	%	80.767	6.596	3	86.800	1.836	3	81.567	3.912	3	73.267	1.447	3	88.900	71.600
FC	P31616	#/100ml	257.000	341.457	3	23.333	11.590	3	436.000	578.816	3	3706.000	6316.875	3	11000.000	11.000
PH	P400	units	7.133	0.208	3	7.050	0.071	2	7.067	0.208	3	6.900	0.173	3	7.300	6.700
SUSSOL	P530	mg/L	11.333	12.702	3	13.667	14.154	3	3.000	2.000	3	2.333	2.309	3	30.000	1.000U
FLOW	P60	CFS	357.833	556.800	3	620.000	763.741	3	41.000	36.097	3	14.667	3.055	3	1500.000	9.500
TPN	P600	mg/L	0.595	0.097	3	0.684	0.084	3	0.652	0.111	3	0.771	0.059	3	0.817	0.536
NH3_N	P610	mg/L	0.015	0.008	3	0.025	0.026	3	0.019	0.009	3	0.010	0.000	3	0.055	0.010U
NO2_NO3	P630	mg/L	0.513	0.165	3	0.472	0.046	3	0.541	0.140	3	0.685	0.056	3	0.737	0.398
TP_P	P665	mg/L	0.020	0.015	3	0.029	0.015	3	0.025	0.017	3	0.011	0.002	3	0.044	0.010U
OP_DIS	P671	mg/L	0.008	0.003	3	0.005	0.001	3	0.009	0.003	3	0.009	0.007	3	0.017	0.005U
TURB	P82079	NTU	5.700	6.346	3	7.900	7.894	3	2.867	1.501	3	1.267	1.328	3	17.000	0.500U
COND	P95	umhos	82.333	32.960	3	59.000	8.000	3	96.667	23.502	3	131.667	1.528	3	133.000	51.000

Summary statistics should be used with caution because variables may not be normally distributed. Values at the detection limit were replaced with 1/2 the detection limit.

REPORT CREATION DATE: 96/09/27

QUARTERLY DATA SUMMARY--SIX YEAR AVERAGE

Station Number: 03C060 Name: FRIDAY CR BLW HATCHERY Class: A Elevation: 70 River Mile: 0.80

Location:
LOCATED .6 MILES BELOW HATCHERY AND .2 MILES EAST OF OLD HIGHWAY 99 (PACIFIC HIGHWAY) AT BRIDGE OVER FRIDAY CREEK ON PRAIRIE ROAD (WOODMAN MATTHEWS ROAD ON 7.5 MINUTE QUAD MAP)

Water Years Sampled:

5 6	7	8	9
9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6			
		X	X X

VARIABLE	P-CODE	UNITS	---OCTOBER-DECEMBER---			-----JANUARY-MARCH----			------APRIL-JUNE------			----JULY-SEPTEMBER----			-----SIX YEAR------	
			MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MAX	MIN
TEMP	P10	C	8.033	2.818	6	4.233	2.466	6	12.133	2.615	6	13.133	2.542	6	16.400	0.000
PRESS	P25	mmHg	762.167	6.472	6	757.383	13.423	6	764.500	4.546	6	771.533	5.108	6	780.000	741.200
OXYGEN	P300	mg/L	11.317	1.127	6	12.860	0.918	5	10.483	0.703	6	10.000	0.529	6	14.200	9.200
PCTSAT	P301	%	94.583	2.927	6	97.580	1.891	5	96.283	3.627	6	93.067	2.283	6	100.400	90.200
FC	P31616	#/100ml	689.833	1621.680	6	74.000	78.966	6	165.167	288.873	6	383.833	841.234	6	4000.000	3.000
PH	P400	units	7.533	0.137	6	7.480	0.217	5	7.417	0.286	6	7.700	0.126	6	7.900	7.000
SUSSOL	P530	mg/L	39.667	80.067	6	12.833	10.108	6	5.000	1.673	6	4.333	4.967	6	203.000	1.000
FLOW	P60	CFS	221.167	192.631	6	675.500	1291.562	6	57.833	41.600	6	11.717	9.594	6	3300.000	6.000
TPN	P600	mg/L	0.917	0.462	3	1.397	0.325	3	0.819	0.059	3	0.769	0.092	3	1.650	0.431
NH3_N	P610	mg/L	0.021	0.009	6	0.025	0.018	6	0.017	0.009	6	0.013	0.004	5	0.053	0.010U
NO2_DIS	P613	mg/L	0.010	0.000	3	0.010	0.000	3	0.010	0.000	3	0.010	0.000	3	0.010	0.010K
NO2_NO3	P630	mg/L	0.984	0.426	6	0.937	0.166	6	0.589	0.111	6	0.561	0.060	5	1.600	0.342
TP_P	P665	mg/L	0.027	0.023	6	0.026	0.012	6	0.026	0.009	6	0.032	0.011	5	0.073	0.013
OP_DIS	P671	mg/L	0.010	0.000	6	0.008	0.003	6	0.010	0.002	6	0.014	0.006	6	0.026	0.005U
TURB	P82079	NTU	13.433	20.114	6	10.450	6.957	6	3.350	1.593	6	3.967	4.967	6	54.000	1.100
COND	P95	umhos	75.000	24.811	6	66.833	8.519	6	75.500	20.077	6	120.833	29.061	6	147.000	57.000

Summary statistics should be used with caution because variables may not be normally distributed. Values at the detection limit were replaced with 1/2 the detection limit.

REPORT CREATION DATE: 96/09/27

QUARTERLY DATA SUMMARY--SIX YEAR AVERAGE

Station Number: 03D050 Name: NOOKACHAMP CK NR MOUTH Class: A Elevation: 15 River Mile: 1.90

Location:
Stewart/Hoad Road to Hoad Road to Laventure Road to Swan Road to bridge.

Water Years Sampled:
5 6 7 8 9
9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6
X

VARIABLE	P-CODE	UNITS	---OCTOBER-DECEMBER---			-----JANUARY-MARCH----			------APRIL-JUNE------			----JULY-SEPTEMBER----			-----SIX YEAR------	
			MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MAX	MIN
TEMP	P10	C	7.067	2.540	3	5.800	0.520	3	11.567	4.043	3	16.833	4.475	3	22.000	5.500
PRESS	P25	mmHg	760.833	6.757	3	758.700	12.696	3	763.800	3.576	3	774.267	4.790	3	779.500	747.000
OXYGEN	P300	mg/L	10.533	0.814	3	10.600	1.000	3	8.867	1.589	3	6.233	1.721	3	11.600	5.000
PCTSAT	P301	%	86.367	2.335	3	84.700	7.873	3	79.900	6.773	3	62.000	14.171	3	92.200	51.900
FC	P31616	#/100ml	326.667	210.317	3	181.333	163.906	3	286.667	167.730	3	373.333	219.621	3	530.000	74.000S
PH	P400	units	7.133	0.115	3	7.250	0.212	2	7.167	0.058	3	7.133	0.153	3	7.400	7.000
SUSSOL	P530	mg/L	23.667	28.219	3	23.000	16.371	3	8.667	4.509	3	6.333	3.055	3	56.000	3.000
TPN	P600	mg/L	0.703	0.208	3	0.982	0.026	3	0.672	0.126	3	0.666	0.116	3	1.010	0.525
NH3_N	P610	mg/L	0.023	0.018	3	0.021	0.010	3	0.061	0.031	3	0.059	0.018	3	0.096	0.010U
NO2_NO3	P630	mg/L	0.493	0.195	3	0.639	0.021	3	0.316	0.112	3	0.292	0.137	3	0.707	0.193
TP_P	P665	mg/L	0.057	0.044	3	0.057	0.016	3	0.062	0.045	3	0.050	0.014	3	0.108	0.012
OP_DIS	P671	mg/L	0.019	0.008	3	0.019	0.009	3	0.016	0.007	3	0.022	0.008	3	0.032	0.010K
TURB	P82079	NTU	31.067	42.514	3	21.733	12.744	3	5.433	2.954	3	4.100	0.872	3	80.000	2.400
COND	P95	umhos	82.667	35.726	3	78.000	9.849	3	113.000	32.357	3	162.333	23.029	3	182.000	42.000

Summary statistics should be used with caution because variables may not be normally distributed. Values at the detection limit were replaced with 1/2 the detection limit.

REPORT CREATION DATE: 96/09/27

QUARTERLY DATA SUMMARY--SIX YEAR AVERAGE

Station Number: 04A100 Name: SKAGIT R @ MARBLEMOUNT Class: AA Elevation: 360 River Mile: 78.20

Location:
LOCATED AT THE BRIDGE ON THE CASCADE RIVER ROAD WHERE HIGHWAY 20 (NORTH CASCADES HIGHWAY) TURNS 90 DEGREES IN MARBLEMOUNT

Water Years Sampled:

5	6								7									8									9					
9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6
X	X	X	X	X	X	X	X	X		X	X											X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

VARIABLE	P-CODE	UNITS	---OCTOBER-DECEMBER---			-----JANUARY-MARCH----			------APRIL-JUNE------			----JULY-SEPTEMBER----			-----SIX YEAR------	
			MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MAX	MIN
TEMP	P10	C	7.822	1.804	18	4.244	1.585	18	7.472	1.570	18	10.850	0.729	18	12.300	0.600
CR	P1118	ug/L	0.000	0.000	0	5.000	0.000	2	0.000	0.000	0	5.000	0.000	2	5.000	5.000U
PRESS	P25	mmHg	757.172	6.544	18	756.961	7.624	18	756.361	5.118	18	759.194	5.407	17	771.400	739.900
OXYGEN	P300	mg/L	11.833	0.609	18	12.717	0.393	18	11.978	0.364	18	11.161	0.259	18	13.600	10.700
PCTSAT	P301	%	99.450	3.125	18	97.800	2.429	18	99.967	1.818	18	100.561	1.758	18	107.200	93.000
FC	P31616	#/100ml	5.706	9.465	17	5.875	18.970	16	2.353	1.835	17	10.833	21.778	18	94.000	1.000U
PH	P400	units	7.506	0.269	18	7.444	0.182	16	7.406	0.239	18	7.447	0.260	17	8.100	6.900
SUSSOL	P530	mg/L	9.056	20.247	18	3.444	5.447	18	2.556	2.955	18	2.233	1.699	18	88.000	1.000U
FLOW	P60	CFS	6951.667	4492.637	18	7674.444	3307.896	18	5695.000	1946.243	18	5313.333	2396.416	18	18900.000	2290.000
TPN	P600	mg/L	0.141	0.054	6	0.116	0.013	6	0.080	0.042	6	0.070	0.013	6	0.208	0.010K
NH3_N	P610	mg/L	0.011	0.004	18	0.011	0.003	18	0.010	0.000	18	0.011	0.003	17	0.022	0.005K
NO2_DIS	P613	mg/L	0.009	0.002	12	0.010	0.000	12	0.010	0.000	12	0.009	0.002	11	0.010	0.002K
NO2_N	P615	mg/L	0.010	0.000	3	0.010	0.000	3	0.010	0.000	3	0.010	0.000	3	0.010	0.010K
NH3_UN	P619	mg/L	0.000	0.000	10	0.000	0.000	11	0.000	0.000	12	0.000	0.000	9	******.***	0.000
NO3_N	P620	mg/L	0.060	0.014	2	0.050	0.010	3	0.057	0.015	3	0.037	0.006	3	0.070	0.030
NO2_NO3	P630	mg/L	0.076	0.019	18	0.065	0.012	18	0.064	0.014	18	0.044	0.013	17	0.119	0.010K
TP_P	P665	mg/L	0.015	0.023	18	0.013	0.006	17	0.011	0.002	18	0.010	0.002	17	0.106	0.002K
OP_DIS	P671	mg/L	0.009	0.002	18	0.009	0.002	18	0.009	0.002	18	0.009	0.003	18	0.014	0.002J
HG	P71900	ug/L	0.000	0.000	0	0.002	0.001	2	0.000	0.000	0	0.001	0.000	2	0.003	0.001U
COLOR	P80	Pt-Co	5.125	3.614	4	10.000	5.196	3	22.667	24.987	3	6.000	6.245	3	50.000	1.000
TURB	P82079	NTU	2.939	6.343	18	1.456	1.187	18	1.018	0.368	17	1.561	0.729	18	28.000	0.200
HARD	P900	mg/L	0.000	0.000	0	30.000	0.000	2	0.000	0.000	0	20.500	4.950	2	30.000	17.000
COND	P95	umhos	49.333	10.589	18	57.222	7.240	18	42.389	13.333	18	45.222	7.620	18	71.000	23.000

Summary statistics should be used with caution because variables may not be normally distributed. Values at the detection limit were replaced with 1/2 the detection limit.

REPORT CREATION DATE: 96/09/27

QUARTERLY DATA SUMMARY--SIX YEAR AVERAGE

Station Number: 04E050 Name: FINNEY CR NEAR BIRDSVIEW Class: AA Elevation: 130 River Mile: 0.40

Location:
Hwy 20 to Concrete Sauk Valley road to Skagit Hwy to bridge.

Water Years Sampled:
5 6 7 8 9
9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6
X

VARIABLE	P-CODE	UNITS	---OCTOBER-DECEMBER---			-----JANUARY-MARCH----			------APRIL-JUNE------			----JULY-SEPTEMBER----			-----SIX YEAR------	
			MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MAX	MIN
TEMP	P10	C	7.733	3.635	3	5.067	0.611	3	9.500	3.079	3	17.367	2.136	3	19.800	4.400
PRESS	P25	mmHg	754.800	1.931	3	757.200	11.720	3	759.967	3.951	3	770.733	4.869	3	774.700	744.500
OXYGEN	P300	mg/L	11.700	0.854	3	12.333	0.208	3	11.000	1.249	3	9.100	0.656	3	12.500	8.400
PCTSAT	P301	%	98.167	1.419	3	96.933	0.569	3	95.467	3.808	3	92.667	3.754	3	99.700	90.400
FC	P31616	#/100ml	6.500	2.121	2	3.333	2.517	3	11.333	11.676	3	15.333	8.505	3	24.000	1.000U
PH	P400	units	7.367	0.252	3	7.200	0.000	2	7.500	0.100	3	7.533	0.153	3	7.700	7.100
SUSSOL	P530	mg/L	998.333	1698.933	3	154.333	182.325	3	6.000	4.359	3	1.667	1.155	3	2960.000	1.000U
FLOW	P60	CFS	1222.333	1973.476	3	313.333	144.338	3	118.000	34.598	3	48.333	21.079	3	3500.000	22.000
TPN	P600	mg/L	0.286	0.150	3	0.218	0.044	3	0.092	0.020	3	0.099	0.024	3	0.427	0.070
NH3_N	P610	mg/L	0.010	0.000	3	0.014	0.007	3	0.010	0.000	3	0.010	0.000	3	0.022	0.010U
NO2_NO3	P630	mg/L	0.223	0.147	3	0.151	0.052	3	0.049	0.039	3	0.062	0.021	3	0.388	0.015
TP_P	P665	mg/L	0.366	0.610	3	0.060	0.039	3	0.013	0.005	3	0.010	0.000	3	1.070	0.010U
OP_DIS	P671	mg/L	0.009	0.002	3	0.005	0.000	3	0.005	0.000	3	0.005	0.000	3	0.010	0.005U
TURB	P82079	NTU	775.500	1320.317	3	110.333	129.963	3	5.200	4.257	3	0.700	0.346	3	2300.000	0.500U
COND	P95	umhos	70.000	43.555	3	49.333	6.110	3	68.667	20.599	3	133.000	20.075	3	147.000	31.000

Summary statistics should be used with caution because variables may not be normally distributed. Values at the detection limit were replaced with 1/2 the detection limit.

QUARTERLY DATA SUMMARY--SIX YEAR AVERAGE

Station Number: 05A070   Name: STILLAGUAMISH R NR SILVANA   Class: A   Elevation: 35   River Mile: 11.10

Location:
LOCATED ON THE INTERSTATE 5 BRIDGE JUST NORTH OF THE ARLINGTON-SILVANA
EXIT (EXIT 208)

Water Years Sampled:

```
5 6                 7                   8                   9
9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6
X X X X X X X X X X X X X     X     X X X X X X X X X X X X X X X X X X X X X
```

VARIABLE	P-CODE	UNITS	---OCTOBER-DECEMBER---			-----JANUARY-MARCH----			------APRIL-JUNE------			----JULY-SEPTEMBER----			-----SIX YEAR------	
			MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MAX	MIN
TEMP	P10	C	7.006	2.408	18	4.661	1.589	18	10.606	2.488	18	17.222	2.928	18	22.000	0.500
CR	P1118	ug/L	0.000	0.000	0	10.500	7.778	2	0.000	0.000	0	5.000	0.000	2	16.000	5.000U
PRESS	P25	mmHg	765.417	6.377	18	764.211	9.453	18	766.828	5.021	18	766.635	5.293	17	779.800	743.000
OXYGEN	P300	mg/L	11.889	0.928	18	12.489	0.595	18	10.900	0.555	18	9.189	0.765	18	14.000	8.100
PCTSAT	P301	%	96.683	3.286	18	96.100	2.201	18	96.494	3.406	18	93.811	6.980	18	113.700	87.100
FC	P31616	#/100ml	69.556	75.807	18	68.667	74.286	18	41.333	39.663	18	135.611	151.703	18	680.000	1.000
PH	P400	units	7.422	0.665	18	7.225	0.371	16	7.333	0.336	18	7.435	0.269	17	9.700	6.000
SUSSOL	P530	mg/L	65.333	81.594	18	97.167	253.280	18	19.000	21.901	18	9.189	20.042	18	1100.000	1.000
FLOW	P60	CFS	5433.125	4594.086	16	4762.889	3942.409	18	3258.889	1376.431	18	880.389	1022.745	18	18600.000	380.000
TPN	P600	mg/L	0.413	0.136	6	0.459	0.137	6	0.209	0.069	6	0.225	0.064	6	0.692	0.102
NH3_N	P610	mg/L	0.029	0.023	18	0.024	0.014	18	0.013	0.006	18	0.016	0.009	17	0.080	0.010U
NO2_DIS	P613	mg/L	0.009	0.002	12	0.010	0.000	12	0.010	0.000	12	0.009	0.002	12	0.010	0.002K
NO2_N	P615	mg/L	0.010	0.000	3	0.010	0.000	3	0.010	0.000	3	0.010	0.000	3	0.010	0.010K
NH3_UN	P619	mg/L	0.000	0.000	10	0.000	0.000	11	0.000	0.000	12	0.000	0.000	8	0.001	0.000
NO3_N	P620	mg/L	0.425	0.021	2	0.237	0.135	3	0.153	0.055	3	0.137	0.038	3	0.440	0.100
NO2_NO3	P630	mg/L	0.327	0.111	18	0.323	0.103	18	0.154	0.045	18	0.125	0.041	17	0.589	0.063
TP_P	P665	mg/L	0.050	0.066	18	0.040	0.035	18	0.021	0.015	18	0.024	0.027	17	0.281	0.010U
OP_DIS	P671	mg/L	0.010	0.001	18	0.011	0.007	18	0.009	0.002	18	0.010	0.002	18	0.036	0.005U
HG	P71900	ug/L	0.000	0.000	0	0.008	0.008	2	0.000	0.000	0	0.001	0.000	2	0.013	0.001P
COLOR	P80	Pt-Co	38.500	14.526	4	295.500	416.486	2	30.667	9.815	3	10.000	13.077	3	590.000	1.000
TURB	P82079	NTU	27.022	36.107	18	27.822	38.101	18	8.672	7.845	18	2.717	3.680	18	156.000	1.000K
HARD	P900	mg/L	0.000	0.000	0	23.500	0.707	2	0.000	0.000	0	31.000	0.000	2	18.000	18.000P
COND	P95	umhos	58.333	22.981	18	50.278	10.300	18	46.778	9.577	18	77.500	19.279	18	127.000	29.000

Summary statistics should be used with caution because variables may not be normally distributed. Values at the detection limit were replaced with 1/2 the detection limit.

REPORT CREATION DATE: 96/09/27

QUARTERLY DATA SUMMARY--SIX YEAR AVERAGE

Station Number: 05A090 Name: SF STILLAGUAMISH @ ARLINGTON Class: A Elevation: 55 River Mile: 18.20

Location:
AT BRIDGE ON STATE HIGHWAY 530 IN ARLINGTON

Water Years Sampled:

5 6	7	8	9
9 0 1 2 3 4 5 6 7 8 9	0 1 2 3 4 5 6 7 8 9	0 1 2 3 4 5 6 7 8 9	0 1 2 3 4 5 6
	X X	X X X X X X X X X X	X X X

VARIABLE	P-CODE	UNITS	---OCTOBER-DECEMBER---			-----JANUARY-MARCH----			------APRIL-JUNE------			----JULY-SEPTEMBER----			-----SIX YEAR------	
			MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MAX	MIN
TEMP	P10	C	6.675	2.221	12	4.175	1.789	12	9.800	2.505	12	16.283	2.510	12	20.600	0.000
PRESS	P25	mmHg	764.083	6.891	12	764.275	8.040	12	764.925	5.669	12	767.525	5.183	12	779.000	746.800
OXYGEN	P300	mg/L	12.258	1.099	12	12.909	0.706	11	11.158	0.678	12	9.408	0.799	12	14.300	8.300
PCTSAT	P301	%	99.042	4.712	12	97.964	2.330	11	97.142	3.275	12	93.967	4.294	12	109.000	89.100
FC	P31616	#/100ml	122.182	189.702	11	70.500	118.340	12	14.833	10.936	12	107.333	176.931	12	660.000	1.000K
PH	P400	units	7.192	0.456	12	7.445	0.327	11	7.358	0.358	12	7.458	0.271	12	8.100	6.400
SUSSOL	P530	mg/L	123.417	238.764	12	266.000	767.855	12	16.833	15.479	12	4.833	4.840	12	2700.000	1.000
FLOW	P60	CFS	2850.250	2736.539	12	4111.667	5463.069	12	1701.667	702.100	12	413.750	226.361	12	20000.000	125.000
TPN	P600	mg/L	0.249	0.055	3	0.327	0.087	3	0.195	0.060	3	0.348	0.278	3	0.668	0.158
NH3_N	P610	mg/L	0.019	0.012	12	0.020	0.012	12	0.011	0.003	12	0.011	0.002	11	0.050	0.010U
NO2_DIS	P613	mg/L	0.009	0.003	9	0.011	0.001	8	0.010	0.000	9	0.009	0.003	9	0.014	0.002K
NO2_N	P615	mg/L	0.010	0.000	3	0.010	0.000	3	0.010	0.000	3	0.010	0.000	3	0.010	0.010K
NH3_UN	P619	mg/L	0.000	0.000	10	0.000	0.000	11	0.000	0.000	12	0.000	0.000	9	******.***	0.000
NO3_N	P620	mg/L	0.340	0.071	2	0.263	0.087	3	0.167	0.100	3	0.110	0.010	3	0.390	0.070
NO2_NO3	P630	mg/L	0.227	0.063	12	0.266	0.108	12	0.132	0.046	12	0.124	0.030	11	0.467	0.080
TP_P	P665	mg/L	0.075	0.184	12	0.063	0.100	12	0.018	0.013	12	0.010	0.003	11	0.658	0.002K
OP_DIS	P671	mg/L	0.009	0.002	12	0.009	0.002	11	0.009	0.002	12	0.008	0.003	12	0.011	0.002J
COLOR	P80	Pt-Co	31.250	8.098	4	206.500	273.650	2	37.667	10.970	3	2.000	1.732	3	400.000	1.000
TURB	P82079	NTU	57.692	125.991	12	68.117	156.623	12	8.517	8.562	12	3.375	2.899	12	560.000	0.900
COND	P95	umhos	42.667	12.257	12	41.667	14.380	12	40.417	6.626	12	66.917	12.972	12	88.000	17.000

Summary statistics should be used with caution because variables may not be normally distributed. Values at the detection limit were replaced with 1/2 the detection limit.

REPORT CREATION DATE: 96/09/27

QUARTERLY DATA SUMMARY--SIX YEAR AVERAGE

Station Number: 05A110 Name: SF STILLY NR GRANITE FALLS Class: AA Elevation: 290 River Mile: 34.60

Location:
LOCATED 1.5 MILES PAST GRANITE FALLS ON MOUNTAIN LOOP HIGHWAY AT BRIDGE OVER THE SOUTH FORK OF THE STILLAGUAMISH RIVER JUST UPSTREAM FROM THE FISHWAY

Water Years Sampled:

5	6						7								8									9						
9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6
X	X	X	X	X	X	X	X								X															X		X	X

VARIABLE	P-CODE	UNITS	---OCTOBER-DECEMBER---			-----JANUARY-MARCH----			------APRIL-JUNE------			----JULY-SEPTEMBER----			-----SIX YEAR------	
			MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MAX	MIN
TEMP	P10	C	6.317	2.633	6	3.317	2.001	6	8.667	3.012	6	14.600	3.149	6	20.000	0.000
PRESS	P25	mmHg	752.433	3.773	6	752.833	7.913	6	754.733	3.709	6	762.300	5.960	6	770.600	738.600
OXYGEN	P300	mg/L	12.550	1.277	6	13.360	0.767	5	11.483	0.958	6	10.150	0.720	6	14.400	8.900
PCTSAT	P301	%	101.933	4.629	6	100.540	2.290	5	98.483	1.050	6	98.500	1.251	6	110.600	96.800
FC	P31616	#/100ml	35.600	34.732	5	2.833	1.472	6	9.333	9.245	6	67.500	71.863	6	160.000	1.000U
PH	P400	units	7.183	0.160	6	7.380	0.148	5	7.217	0.319	6	7.367	0.308	6	7.800	6.900
SUSSOL	P530	mg/L	235.667	331.634	6	62.833	46.206	6	110.500	238.968	6	12.000	17.436	6	898.000	1.000
TPN	P600	mg/L	0.169	0.040	3	0.157	0.036	3	0.120	0.017	3	0.089	0.053	3	0.213	0.049
NH3_N	P610	mg/L	0.018	0.012	6	0.016	0.007	6	0.012	0.004	6	0.012	0.004	5	0.038	0.010U
NO2_DIS	P613	mg/L	0.010	0.000	3	0.010	0.000	2	0.010	0.000	3	0.010	0.000	3	0.010	0.010K
NO2_NO3	P630	mg/L	0.128	0.028	6	0.121	0.047	6	0.052	0.023	6	0.044	0.024	5	0.195	0.010U
TP_P	P665	mg/L	0.143	0.213	6	0.048	0.032	6	0.101	0.213	6	0.010	0.000	5	0.571	0.010U
OP_DIS	P671	mg/L	0.009	0.002	6	0.007	0.003	5	0.008	0.002	6	0.008	0.003	6	0.010	0.005U
TURB	P82079	NTU	125.100	233.203	6	35.617	24.154	6	98.283	221.375	6	9.500	12.756	6	600.000	1.800
COND	P95	umhos	32.500	11.996	6	32.667	11.860	6	30.833	6.824	6	53.167	11.720	6	74.000	17.000

Summary statistics should be used with caution because variables may not be normally distributed. Values at the detection limit were replaced with 1/2 the detection limit.

REPORT CREATION DATE: 96/09/27

QUARTERLY DATA SUMMARY--SIX YEAR AVERAGE

Station Number: 05B070 Name: NF STILLAGUAMISH @ CICERO Class: A Elevation: 110 River Mile: 9.50

Location:
LOCATED AT BRIDGE ON STATE HIGHWAY 530 7.2 MILES NORTHEAST OF ARLINGTON
AT CICERO

Water Years Sampled:

5 6	7	8	9
9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6			
X X X X X X X X X X	X	X X X X X X X X X X X X X	X X

VARIABLE	P-CODE	UNITS	---OCTOBER-DECEMBER---			-----JANUARY-MARCH----			------APRIL-JUNE------			----JULY-SEPTEMBER----			-----SIX YEAR------	
			MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MAX	MIN
TEMP	P10	C	6.342	2.045	12	4.108	1.489	12	8.900	2.311	12	14.850	1.845	12	17.800	1.100
PRESS	P25	mmHg	762.367	6.479	12	762.783	7.929	12	762.050	6.325	12	765.675	5.222	12	776.700	746.800
OXYGEN	P300	mg/L	12.125	0.937	12	12.755	0.667	11	11.442	0.607	12	10.108	0.895	12	14.100	8.900
PCTSAT	P301	%	97.450	3.346	12	96.882	1.812	11	98.017	5.332	12	98.442	6.853	12	115.100	91.500
FC	P31616	#/100ml	57.545	70.298	11	24.167	29.023	12	15.333	9.557	12	63.833	56.499	12	250.000	2.000
PH	P400	units	7.300	0.226	12	7.373	0.156	11	7.358	0.297	12	7.792	0.494	12	8.800	6.900
SUSSOL	P530	mg/L	181.917	390.138	12	363.417	1021.419	12	21.500	22.976	12	3.708	2.028	12	3600.000	0.500K
FLOW	P60	CFS	3970.917	6264.148	12	3725.250	4914.103	12	1561.250	723.477	12	407.167	111.744	12	23500.000	233.000
TPN	P600	mg/L	0.299	0.106	3	0.268	0.072	3	0.170	0.044	3	0.116	0.009	3	0.419	0.105
NH3_N	P610	mg/L	0.030	0.023	12	0.020	0.012	12	0.014	0.006	12	0.011	0.003	11	0.080	0.005K
NO2_DIS	P613	mg/L	0.009	0.003	9	0.010	0.000	8	0.010	0.000	9	0.009	0.003	9	0.010	0.002K
NO2_N	P615	mg/L	0.010	0.000	3	0.010	0.000	3	0.010	0.000	3	0.010	0.000	3	0.010	0.010K
NH3_UN	P619	mg/L	0.000	0.000	10	0.000	0.000	11	0.000	0.000	12	0.000	0.000	9	******.***	0.000
NO3_N	P620	mg/L	0.365	0.049	2	0.230	0.036	3	0.110	0.030	3	0.077	0.040	3	0.400	0.040
NO2_NO3	P630	mg/L	0.243	0.054	12	0.212	0.063	12	0.104	0.033	12	0.060	0.019	11	0.323	0.022
TP_P	P665	mg/L	0.097	0.182	12	0.143	0.343	12	0.030	0.027	12	0.012	0.004	11	1.230	0.006J
OP_DIS	P671	mg/L	0.010	0.002	12	0.010	0.007	11	0.009	0.002	12	0.008	0.002	12	0.030	0.005U
COLOR	P80	Pt-Co	34.500	10.472	4	330.500	465.983	2	36.667	2.309	3	2.000	1.732	3	660.000	1.000
TURB	P82079	NTU	78.967	196.467	12	67.458	134.329	12	9.292	8.108	12	1.700	1.158	12	700.000	0.600
COND	P95	umhos	50.083	16.978	12	48.500	17.738	12	47.667	7.947	12	84.000	13.184	12	105.000	23.000

Summary statistics should be used with caution because variables may not be normally distributed. Values at the detection limit were replaced with 1/2 the detection limit.

REPORT CREATION DATE: 96/09/27

QUARTERLY DATA SUMMARY--SIX YEAR AVERAGE

Station Number: 05B110 Name: NF STILLAGUAMISH NR DARRINGTON Class: A Elevation: 435 River Mile: 30.00

Location:
LOCATED .9 MILES NORTH OF HIGHWAY 530 AND WHITEHORSE AT BRIDGE ON SWEDE HEAVEN ROAD

Water Years Sampled:

5 6	7	8	9
9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6			
		X	X X X

VARIABLE	P-CODE	UNITS	---OCTOBER-DECEMBER---			-----JANUARY-MARCH----			------APRIL-JUNE------			----JULY-SEPTEMBER----			-----SIX YEAR------	
			MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MAX	MIN
TEMP	P10	C	6.300	2.231	6	3.750	1.232	6	8.450	2.178	6	12.800	1.481	6	14.500	1.600
PRESS	P25	mmHg	750.583	3.750	6	751.517	8.006	6	752.900	3.681	6	759.967	5.876	6	768.600	737.400
OXYGEN	P300	mg/L	11.933	0.880	6	12.700	0.534	5	11.467	0.750	6	10.500	0.666	6	13.500	9.900
PCTSAT	P301	%	97.317	2.544	6	97.000	0.822	5	98.283	2.547	6	98.617	5.361	6	105.500	91.800
FC	P31616	#/100ml	55.600	103.174	5	2.000	1.549	6	11.333	16.318	6	17.000	10.807	6	240.000	1.000K
PH	P400	units	7.233	0.280	6	7.300	0.224	5	7.533	0.294	6	7.617	0.147	6	8.000	6.800
SUSSOL	P530	mg/L	123.333	280.153	6	14.500	22.976	6	1.667	0.516	6	2.333	1.751	6	695.000	1.000K
FLOW	P60	CFS	3378.333	7166.018	6	844.500	755.339	6	402.167	114.412	6	118.500	38.224	6	18000.000	70.000
TPN	P600	mg/L	0.288	0.123	3	0.208	0.068	3	0.117	0.009	3	0.144	0.031	3	0.403	0.108
NH3_N	P610	mg/L	0.011	0.002	6	0.015	0.008	6	0.010	0.000	6	0.010	0.000	5	0.030	0.010U
NO2_DIS	P613	mg/L	0.010	0.000	3	0.010	0.000	2	0.010	0.000	3	0.010	0.000	3	0.010	0.010K
NO2_NO3	P630	mg/L	0.158	0.066	6	0.161	0.053	6	0.077	0.023	6	0.089	0.018	5	0.236	0.036
TP_P	P665	mg/L	0.053	0.097	6	0.017	0.009	6	0.011	0.001	6	0.010	0.000	5	0.251	0.010U
OP_DIS	P671	mg/L	0.009	0.002	6	0.007	0.003	5	0.008	0.003	6	0.008	0.003	6	0.010	0.005U
TURB	P82079	NTU	61.583	146.197	6	7.500	11.708	6	0.767	0.472	6	0.417	0.133	6	360.000	0.200
COND	P95	umhos	36.000	18.889	6	38.333	15.148	6	35.667	5.279	6	63.333	15.122	6	91.000	16.000

Summary statistics should be used with caution because variables may not be normally distributed. Values at the detection limit were replaced with 1/2 the detection limit.

REPORT CREATION DATE: 96/09/27

QUARTERLY DATA SUMMARY--SIX YEAR AVERAGE

Station Number: 07A090 Name: SNOHOMISH R @ SNOHOMISH Class: A Elevation: 8 River Mile: 12.70

Location:
LOCATED AT BRIDGE ON AVENUE D IN SNOHOMISH, TWO BLOCKS SOUTH OF 2ND STREET (OLD HIGHWAY 2)

Water Years Sampled:

5 6	7	8	9
9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6
X X X X X X X X X X X X X X X X X X X X X X X X X X X X X X X X X X X X X

VARIABLE	P-CODE	UNITS	---OCTOBER-DECEMBER---			-----JANUARY-MARCH----			------APRIL-JUNE------			----JULY-SEPTEMBER----			-----SIX YEAR------	
			MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MAX	MIN
TEMP	P10	C	7.689	2.266	18	5.183	1.708	18	10.267	2.065	18	17.233	2.235	18	21.300	1.400
ZN	P1094	ug/L	6.857	3.024	7	7.000	2.449	6	12.400	9.017	5	5.600	3.130	5	26.000	2.000K
CD	P1113	ug/L	0.129	0.049	7	0.155	0.050	6	0.128	0.049	6	0.100	0.000	5	0.220	0.100K
PB	P1114	ug/L	1.243	0.326	7	1.083	0.204	6	1.120	0.217	5	1.320	0.563	5	2.300	1.000K
CR	P1118	ug/L	1.333	0.863	7	1.002	0.497	6	1.102	0.478	5	0.436	0.174	5	2.600	0.200K
CU	P1119	ug/L	4.971	2.918	7	3.467	1.369	6	4.250	1.429	6	3.600	1.342	5	9.600	2.000K
PRESS	P25	mmHg	766.733	6.040	18	765.111	6.995	18	764.411	5.969	18	766.729	5.101	17	779.800	743.700
OXYGEN	P300	mg/L	11.617	0.898	18	12.288	0.517	17	10.944	0.641	18	9.344	0.455	18	13.500	8.400
PCTSAT	P301	%	95.917	3.858	18	95.741	2.457	17	96.411	3.250	18	95.517	4.354	18	107.800	88.800
FC	P31616	#/100ml	88.944	62.732	18	61.267	49.241	15	76.471	77.504	17	108.944	179.068	18	820.000	5.000
COD	P340	mg/L	10.333	0.577	3	8.333	0.577	3	7.333	2.887	3	17.333	15.308	3	35.000	4.000K
PH	P400	units	7.294	0.282	18	7.176	0.286	17	7.172	0.263	18	7.271	0.211	17	8.100	6.600
SUSSOL	P530	mg/L	16.278	17.723	18	21.167	31.467	18	12.333	13.011	18	4.778	2.942	18	121.000	1.000K
FLOW	P60	CFS	10689.353	8901.137	17	11793.111	10946.654	18	10819.556	3922.673	18	2863.706	1240.837	17	53230.000	1510.000
TPN	P600	mg/L	0.451	0.157	6	0.547	0.191	6	0.188	0.093	6	0.199	0.045	6	0.840	0.071
NH3_N	P610	mg/L	0.030	0.015	18	0.027	0.013	18	0.014	0.005	18	0.016	0.009	17	0.059	0.010U
NO2_DIS	P613	mg/L	0.009	0.002	12	0.010	0.000	11	0.010	0.000	12	0.009	0.002	12	0.010	0.002K
NO2_N	P615	mg/L	0.010	0.000	3	0.010	0.000	3	0.010	0.000	3	0.010	0.000	3	0.010	0.010K
NH3_UN	P619	mg/L	0.000	0.000	10	0.000	0.000	11	0.000	0.000	12	0.000	0.000	9	******.***	0.000
NO3_N	P620	mg/L	0.355	0.064	2	0.370	0.115	3	0.113	0.055	3	0.133	0.023	3	0.490	0.060
NO2_NO3	P630	mg/L	0.343	0.207	18	0.352	0.120	18	0.153	0.068	18	0.124	0.059	17	1.010	0.010K
TP_P	P665	mg/L	0.024	0.014	18	0.028	0.024	18	0.016	0.008	18	0.011	0.003	17	0.105	0.010U
OP_DIS	P671	mg/L	0.010	0.002	18	0.009	0.002	17	0.009	0.002	18	0.009	0.003	18	0.011	0.002J
HG	P71900	ug/L	0.058	0.020	7	0.039	0.012	5	0.036	0.006	6	0.049	0.011	4	0.100	0.020K
COLOR	P80	Pt-Co	28.000	13.229	3	21.000	4.000	3	18.000	12.124	3	16.286	11.116	7	38.000	1.000
TURB	P82079	NTU	6.250	6.546	18	10.256	20.601	18	4.494	3.939	17	1.661	0.829	18	90.000	0.900
HARD	P900	mg/L	17.143	4.981	7	17.333	3.141	6	13.667	3.141	6	22.000	3.742	6	27.000	10.000
COND	P95	umhos	44.722	10.818	18	42.167	8.713	18	32.833	5.844	18	52.056	11.451	18	85.000	23.000

Summary statistics should be used with caution because variables may not be normally distributed. Values at the detection limit were replaced with 1/2 the detection limit.

REPORT CREATION DATE: 96/09/27

QUARTERLY DATA SUMMARY--SIX YEAR AVERAGE

Station Number: 07C070 Name: SKYKOMISH R @ MONROE Class: A Elevation: 43 River Mile: 25.60

Location:
LOCATED AT THE RAILROAD TRESTLE .5 MILES EAST OF MONROE IN MONROE PARK

Water Years Sampled:

5	6						7								8										9						
9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6
												X		X			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X

VARIABLE	P-CODE	UNITS	---OCTOBER-DECEMBER---			-----JANUARY-MARCH----			------APRIL-JUNE------			----JULY-SEPTEMBER----			-----SIX YEAR------	
			MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MAX	MIN
TEMP	P10	C	7.891	2.259	11	4.445	1.818	11	8.900	2.072	15	15.680	2.558	15	20.300	1.200
PRESS	P25	mmHg	762.845	4.610	11	762.845	7.389	11	762.293	6.177	15	765.307	5.184	14	776.500	743.700
OXYGEN	P300	mg/L	11.773	0.617	11	12.750	0.591	10	11.727	0.561	15	10.313	0.437	15	13.700	9.700
PCTSAT	P301	%	98.318	2.566	11	97.770	2.194	10	100.400	3.264	15	102.413	6.382	15	109.100	86.200
FC	P31616	#/100ml	10.818	5.474	11	4.100	5.043	10	8.867	6.589	15	65.667	184.938	15	730.000	1.000K
PH	P400	units	7.318	0.189	11	7.064	0.229	11	7.153	0.275	15	7.453	0.396	15	8.500	6.600
SUSSOL	P530	mg/L	9.273	15.271	11	6.545	5.184	11	10.533	9.760	15	3.414	1.570	14	54.000	1.000K
FLOW	P60	CFS	4913.182	4470.965	11	4443.091	1901.083	11	6142.933	2371.639	15	1658.000	627.514	15	14500.000	880.000
TPN	P600	mg/L	0.238	0.107	3	0.249	0.052	2	0.103	0.033	3	0.103	0.032	3	0.312	0.066
NH3_N	P610	mg/L	0.012	0.003	11	0.010	0.003	11	0.011	0.002	15	0.011	0.002	14	0.019	0.005
NO2_DIS	P613	mg/L	0.010	0.000	8	0.010	0.000	8	0.010	0.000	12	0.009	0.002	12	0.010	0.002K
NO2_N	P615	mg/L	0.010	0.000	3	0.010	0.000	3	0.010	0.000	3	0.010	0.000	3	0.010	0.010K
NH3_UN	P619	mg/L	0.000	0.000	10	0.000	0.000	11	0.000	0.000	12	0.000	0.000	9	******.***	0.000
NO3_N	P620	mg/L	0.245	0.064	2	0.153	0.042	3	0.060	0.036	3	0.047	0.006	3	0.290	0.030
NO2_NO3	P630	mg/L	0.174	0.075	11	0.167	0.047	11	0.072	0.035	15	0.051	0.028	14	0.259	0.010
TP_P	P665	mg/L	0.013	0.010	11	0.013	0.006	11	0.013	0.006	15	0.010	0.002	14	0.043	0.006J
OP_DIS	P671	mg/L	0.010	0.002	11	0.009	0.002	10	0.009	0.002	15	0.009	0.003	15	0.013	0.003J
COLOR	P80	Pt-Co	15.333	6.658	3	13.000	0.000	3	15.667	2.309	3	13.429	7.208	7	21.000	1.000
TURB	P82079	NTU	3.664	5.018	11	3.436	1.991	11	4.227	3.170	15	1.700	1.359	15	17.000	0.700
COND	P95	umhos	38.727	16.871	11	34.727	9.768	11	28.400	8.043	15	39.667	5.066	15	83.000	18.000

Summary statistics should be used with caution because variables may not be normally distributed. Values at the detection limit were replaced with 1/2 the detection limit.

REPORT CREATION DATE: 96/09/27

QUARTERLY DATA SUMMARY--SIX YEAR AVERAGE

Station Number: 07D050 Name: SNOQUALMIE R NR MONROE Class: A Elevation: 15 River Mile: 2.70

Location:
LOCATED AT HIGH BRIDGE AT THE SOUTHWEST CORNER OF THE MONROE STATE REFORMATORY HONOR FARM NUMBER 2, NEAR CRESCENT LAKE, APPROXIMATELY THREE MILES SOUTHWEST OF MONROE IN TUALCO VALLEY ON HIGH BRIDGE ROAD

Water Years Sampled:

5 6	7	8	9
9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6			
		X	X X X X

VARIABLE	P-CODE	UNITS	---OCTOBER-DECEMBER---			-----JANUARY-MARCH----			------APRIL-JUNE------			----JULY-SEPTEMBER----			-----SIX YEAR------	
			MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MAX	MIN
TEMP	P10	C	8.000	2.406	9	5.356	1.909	9	11.456	2.364	9	16.967	2.909	9	21.200	1.700
PRESS	P25	mmHg	761.644	4.368	9	761.689	7.463	9	763.189	5.029	9	768.325	5.542	8	777.000	743.200
OXYGEN	P300	mg/L	11.444	0.752	9	11.950	0.697	8	10.633	0.636	9	9.478	0.466	9	13.100	8.400
PCTSAT	P301	%	95.656	2.241	9	93.888	2.622	8	96.433	5.145	9	96.256	6.241	9	111.700	90.500
FC	P31616	#/100ml	79.111	34.167	9	135.667	175.089	9	238.000	279.028	9	75.667	46.837	9	730.000	3.000
PH	P400	units	7.244	0.167	9	7.089	0.293	9	7.200	0.312	9	7.344	0.255	9	8.000	6.500
SUSSOL	P530	mg/L	10.556	10.910	9	25.222	47.302	9	7.444	3.245	9	3.444	1.590	9	150.000	1.000
FLOW	P60	CFS	4190.333	4622.820	3	15190.333	18002.571	3	3513.667	609.054	3	1125.667	411.869	3	35939.000	649.000
TPN	P600	mg/L	0.463	0.209	3	0.605	0.113	3	0.323	0.112	3	0.237	0.027	3	0.677	0.220
NH3_N	P610	mg/L	0.021	0.011	9	0.031	0.011	9	0.017	0.007	9	0.012	0.002	8	0.056	0.010U
NO2_DIS	P613	mg/L	0.010	0.000	6	0.012	0.004	5	0.010	0.000	6	0.010	0.000	6	0.018	0.010K
NO2_NO3	P630	mg/L	0.378	0.218	9	0.365	0.099	9	0.217	0.083	9	0.159	0.039	8	0.828	0.105
TP_P	P665	mg/L	0.018	0.009	9	0.031	0.040	9	0.019	0.009	9	0.011	0.001	8	0.136	0.010U
OP_DIS	P671	mg/L	0.010	0.002	9	0.010	0.003	8	0.009	0.002	9	0.008	0.003	9	0.017	0.005U
TURB	P82079	NTU	4.667	5.090	9	14.422	32.169	9	2.844	0.834	9	1.311	0.341	9	100.000	0.700
COND	P95	umhos	57.667	28.970	9	42.333	10.235	9	36.444	6.227	9	57.222	9.718	9	122.000	23.000

Summary statistics should be used with caution because variables may not be normally distributed. Values at the detection limit were replaced with 1/2 the detection limit.

REPORT CREATION DATE: 96/09/27

QUARTERLY DATA SUMMARY--SIX YEAR AVERAGE

Station Number: 07D130 Name: SNOQUALMIE R @ SNOQUALMIE Class: A Elevation: 400 River Mile: 42.30

Location:
LOCATED AT THE BRIDGE EAST OF SNOQUALMIE ON THE LUMBER MILL ROAD

Water Years Sampled:

5 6	7	8	9
9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6			
X X X X X X X X X X X X		X X X X X X X X X X X X X X X X X X X X X X X X	

VARIABLE	P-CODE	UNITS	---OCTOBER-DECEMBER---			-----JANUARY-MARCH----			------APRIL-JUNE------			----JULY-SEPTEMBER----			-----SIX YEAR------	
			MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MAX	MIN
TEMP	P10	C	6.700	1.749	12	4.508	1.261	12	8.425	1.967	12	14.508	1.499	12	16.600	2.000
PRESS	P25	mmHg	754.008	5.706	12	753.900	8.488	12	752.392	5.646	12	757.373	5.811	11	769.100	732.000
OXYGEN	P300	mg/L	11.850	1.081	12	12.317	0.536	12	11.358	0.571	12	9.558	0.442	12	13.800	8.800
PCTSAT	P301	%	97.175	5.919	12	95.767	2.562	12	97.408	2.026	12	93.542	3.629	12	110.600	85.700
FC	P31616	#/100ml	12.833	10.250	12	7.600	10.997	10	14.167	11.535	12	32.000	20.458	12	69.000	1.000K
PH	P400	units	7.508	0.365	12	7.358	0.360	12	7.375	0.302	12	7.283	0.310	12	8.300	6.800
SUSSOL	P530	mg/L	13.167	10.223	12	16.250	29.625	12	9.417	11.859	12	3.717	1.700	12	109.000	1.000K
FLOW	P60	CFS	3081.583	2183.624	12	3567.500	4279.376	12	3095.000	1322.694	12	793.250	343.805	12	16900.000	306.000
TPN	P600	mg/L	0.293	0.064	3	0.291	0.038	3	0.193	0.062	3	0.198	0.056	3	0.343	0.148
NH3_N	P610	mg/L	0.011	0.003	12	0.012	0.003	12	0.012	0.003	12	0.011	0.004	12	0.025	0.010U
NO2_DIS	P613	mg/L	0.009	0.003	9	0.010	0.000	9	0.010	0.000	9	0.010	0.001	9	0.010	0.002K
NO2_N	P615	mg/L	0.010	0.000	3	0.010	0.000	3	0.010	0.000	3	0.010	0.000	3	0.010	0.010K
NH3_UN	P619	mg/L	0.000	0.000	10	0.000	0.000	11	0.000	0.000	12	0.000	0.000	9	******.***	0.000
NO3_N	P620	mg/L	0.295	0.021	2	0.207	0.031	3	0.120	0.036	3	0.150	0.010	3	0.310	0.090
NO2_NO3	P630	mg/L	0.216	0.042	12	0.227	0.049	12	0.126	0.048	12	0.144	0.029	12	0.305	0.084
TP_P	P665	mg/L	0.013	0.005	12	0.023	0.020	11	0.027	0.051	12	0.011	0.002	11	0.187	0.010U
OP_DIS	P671	mg/L	0.009	0.002	12	0.009	0.002	11	0.009	0.002	12	0.008	0.003	11	0.010	0.003J
COLOR	P80	Pt-Co	17.000	4.000	3	13.000	0.000	3	18.333	6.110	3	14.714	8.281	7	25.000	1.000
TURB	P82079	NTU	4.558	4.021	12	6.125	9.293	12	3.483	2.966	12	1.383	0.784	12	35.000	0.600
COND	P95	umhos	41.000	13.129	12	32.333	8.435	12	29.083	9.848	12	45.750	9.992	12	67.000	19.000

Summary statistics should be used with caution because variables may not be normally distributed. Values at the detection limit were replaced with 1/2 the detection limit.

REPORT CREATION DATE: 96/09/27

QUARTERLY DATA SUMMARY--SIX YEAR AVERAGE

Station Number: 08C070 Name: CEDAR R @ LOGAN ST/RENTON Class: A Elevation: 15 River Mile: 1.00

Location:
LOCATED AT THE BRIDGE ON LOGAN STREET IN RENTON ADJACENT TO THE SOUTHEAST CORNER OF THE RENTON AIRPORT

Water Years Sampled:

5	6						7								8										9					
9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6
X	X	X	X	X	X	X	X					X		X			X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

VARIABLE	P-CODE	UNITS	---OCTOBER-DECEMBER---			-----JANUARY-MARCH----			------APRIL-JUNE------			----JULY-SEPTEMBER----			-----SIX YEAR------	
			MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MAX	MIN
TEMP	P10	C	8.300	2.149	18	6.489	1.399	18	11.011	1.769	18	14.594	1.792	18	18.600	3.100
PRESS	P25	mmHg	763.639	6.876	18	765.844	8.990	18	766.150	4.370	18	767.629	4.712	17	778.300	748.000
OXYGEN	P300	mg/L	11.867	0.556	18	12.341	0.424	17	11.561	0.585	18	11.017	0.623	18	13.400	10.000
PCTSAT	P301	%	100.044	3.729	18	99.165	2.679	17	103.506	5.165	18	106.506	5.068	18	115.400	93.700
FC	P31616	#/100ml	60.588	101.400	17	27.882	41.521	17	90.833	204.393	18	167.333	134.899	18	900.000	1.000
PH	P400	units	7.572	0.202	18	7.506	0.307	16	7.583	0.201	18	7.776	0.259	17	8.300	7.000
SUSSOL	P530	mg/L	12.000	16.859	18	22.278	50.579	18	6.333	6.928	18	8.244	16.056	18	213.000	1.000
FLOW	P60	CFS	699.833	575.333	18	973.556	855.561	18	488.000	230.510	18	188.778	67.527	18	3570.000	129.000
TPN	P600	mg/L	0.375	0.185	6	0.532	0.138	6	0.266	0.070	6	0.250	0.054	6	0.756	0.157
NH3_N	P610	mg/L	0.020	0.013	17	0.012	0.004	18	0.012	0.003	18	0.014	0.008	16	0.060	0.008
NO2_DIS	P613	mg/L	0.009	0.002	12	0.010	0.000	12	0.010	0.000	12	0.009	0.002	12	0.011	0.002K
NO2_N	P615	mg/L	0.010	0.000	3	0.010	0.000	3	0.010	0.000	3	0.010	0.000	3	0.010	0.010K
NH3_UN	P619	mg/L	0.000	0.000	11	0.000	0.000	12	0.000	0.000	12	0.000	0.001	9	0.001	0.000
NO3_N	P620	mg/L	0.310	0.161	3	0.360	0.095	3	0.143	0.040	3	0.153	0.061	3	0.480	0.100
NO2_NO3	P630	mg/L	0.322	0.127	17	0.397	0.101	18	0.228	0.055	18	0.186	0.036	17	0.643	0.117
TP_P	P665	mg/L	0.021	0.015	17	0.022	0.014	18	0.014	0.006	18	0.015	0.008	17	0.076	0.006
OP_DIS	P671	mg/L	0.010	0.003	18	0.009	0.002	18	0.009	0.002	18	0.009	0.002	18	0.020	0.005U
COLOR	P80	Pt-Co	16.500	12.342	4	29.333	32.716	3	8.667	10.786	3	11.333	15.373	3	67.000	1.000
TURB	P82079	NTU	3.706	6.972	18	5.994	10.127	18	1.844	2.637	18	1.522	1.461	18	37.500	0.400
HARD	P900	mg/L	0.000	0.000	0	0.000	0.000	0	0.000	0.000	0	0.000	0.000	0	26.000	26.000
COND	P95	umhos	66.167	15.336	18	60.833	9.192	18	69.056	9.155	18	86.833	8.998	18	26.000	26.000

Summary statistics should be used with caution because variables may not be normally distributed. Values at the detection limit were replaced with 1/2 the detection limit.

REPORT CREATION DATE: 96/09/27

QUARTERLY DATA SUMMARY--SIX YEAR AVERAGE

Station Number: 08C110 Name: CEDAR R NR LANDSBURG Class: AA Elevation: 616 River Mile: 25.10

Location:
STATION LOCATED ON THE CEDAR RIVER 1 MILE SOUTH OF WALSH LAKE AND 2.25 MILES NORTHEAST OF LANDSBURG AT THE TRUDE ROAD CROSSING

Water Years Sampled:

5	6						7										8												9						
9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6
X	X	X	X											X					X	X	X	X	X	X	X	X	X	X	X			X	X	X		

VARIABLE	P-CODE	UNITS	---OCTOBER-DECEMBER---			-----JANUARY-MARCH----			------APRIL-JUNE------			----JULY-SEPTEMBER----			-----SIX YEAR------	
			MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MAX	MIN
TEMP	P10	C	7.583	1.637	12	5.900	1.039	11	9.009	1.268	11	11.192	0.749	12	13.000	4.100
PRESS	P25	mmHg	750.283	5.929	12	748.882	9.054	11	747.364	5.924	11	751.408	6.596	12	763.300	728.000
OXYGEN	P300	mg/L	11.775	0.661	12	12.027	0.417	11	11.118	0.289	11	10.725	0.260	12	13.200	10.100
PCTSAT	P301	%	99.325	3.768	12	97.564	1.916	11	97.473	1.794	11	98.375	0.942	12	109.800	93.800
FC	P31616	#/100ml	3.417	3.605	12	1.556	0.527	9	4.091	4.888	11	5.667	3.172	12	17.000	1.000U
COD	P340	mg/L	4.667	1.155	3	7.000	4.243	2	5.500	2.121	2	7.667	3.055	3	11.000	4.000U
PH	P400	units	7.583	0.289	12	7.500	0.380	10	7.355	0.230	11	7.436	0.323	11	8.400	6.900
SUSSOL	P530	mg/L	3.750	2.927	12	4.818	8.761	11	1.727	0.905	11	1.733	1.814	12	31.000	1.000U
FLOW	P60	CFS	760.167	522.940	12	1024.909	485.948	11	641.455	285.968	11	327.167	62.804	12	2090.000	236.000
TPN	P600	mg/L	0.208	0.057	6	0.279	0.030	6	0.185	0.060	6	0.201	0.018	6	0.306	0.090
NH3_N	P610	mg/L	0.010	0.000	12	0.010	0.002	11	0.010	0.001	11	0.011	0.001	12	0.015	0.005K
NO2_DIS	P613	mg/L	0.009	0.003	6	0.010	0.000	5	0.010	0.000	5	0.009	0.003	6	0.010	0.002K
NO2_N	P615	mg/L	0.010	0.000	3	0.010	0.000	3	0.010	0.000	3	0.010	0.000	3	0.010	0.010K
NH3_UN	P619	mg/L	0.000	0.000	10	0.000	0.000	11	0.000	0.000	12	0.000	0.000	9	0.001	0.000
NO3_N	P620	mg/L	0.200	0.071	2	0.093	0.038	3	0.113	0.015	3	0.147	0.032	3	0.250	0.050
NO2_NO3	P630	mg/L	0.184	0.047	12	0.187	0.030	11	0.159	0.028	11	0.168	0.025	12	0.287	0.110
TP_P	P665	mg/L	0.010	0.001	12	0.017	0.011	11	0.011	0.002	11	0.010	0.002	12	0.040	0.005J
OP_DIS	P671	mg/L	0.009	0.002	12	0.009	0.003	11	0.009	0.002	11	0.008	0.002	12	0.013	0.005U
COLOR	P80	Pt-Co	8.333	4.509	3	4.000	0.000	3	8.667	8.021	3	7.857	8.435	7	17.000	1.000
TURB	P82079	NTU	1.083	1.146	12	2.073	2.722	11	0.845	0.452	11	0.950	0.811	12	9.900	0.300
COND	P95	umhos	52.500	13.879	12	46.000	6.573	11	56.909	8.117	11	68.833	5.042	12	75.000	37.000

Summary statistics should be used with caution because variables may not be normally distributed. Values at the detection limit were replaced with 1/2 the detection limit.

REPORT CREATION DATE: 96/09/27

QUARTERLY DATA SUMMARY--SIX YEAR AVERAGE

Station Number: 09A080 Name: GREEN R @ TUKWILA Class: A Elevation: 4 River Mile: 12.40

Location:
LOCATED AT THE INTERSECTION ON INTERURBAN AVENUE AT I-405 AND SOUTHCENTER BLVD

Water Years Sampled:

5	6						7								8										9					
9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6
																												X	X	X	X	X	X				

VARIABLE	P-CODE	UNITS	---OCTOBER-DECEMBER---			-----JANUARY-MARCH----			------APRIL-JUNE------			----JULY-SEPTEMBER----			-----SIX YEAR------	
			MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MAX	MIN
TEMP	P10	C	8.023	2.843	13	5.780	1.697	15	12.580	2.348	15	17.633	2.540	15	22.400	2.200
ZN	P1094	ug/L	6.500	0.707	2	9.333	10.116	3	8.333	4.509	3	4.000	0.000	2	21.000	3.000V
CD	P1113	ug/L	0.120	0.028	2	0.107	0.012	3	0.100	0.000	3	0.100	0.000	2	0.140	0.100K
PB	P1114	ug/L	1.000	0.000	2	2.200	1.908	3	1.100	0.173	3	1.000	0.000	2	4.400	1.000K
CR	P1118	ug/L	0.980	0.028	2	4.440	6.898	3	0.490	0.096	3	0.425	0.177	2	12.400	0.200K
CU	P1119	ug/L	2.500	0.707	2	9.633	6.615	3	3.533	0.924	3	3.000	0.000	2	17.000	2.000V
PRESS	P25	mmHg	763.815	6.690	13	763.487	8.074	15	766.260	4.415	15	766.557	5.052	14	777.700	749.000
OXYGEN	P300	mg/L	11.146	1.169	13	11.740	0.501	15	9.693	0.504	15	8.773	0.891	15	13.200	7.500
PCTSAT	P301	%	92.908	4.884	13	93.053	2.192	15	89.820	4.187	15	90.300	7.420	15	111.200	81.000
FC	P31616	#/100ml	170.462	171.536	13	234.000	267.823	15	49.133	32.412	15	208.133	282.552	15	1200.000	3.000
PH	P400	units	7.369	0.165	13	7.262	0.243	13	7.340	0.199	15	7.321	0.185	14	7.800	6.800
SUSSOL	P530	mg/L	25.769	29.423	13	39.000	80.914	15	11.133	5.290	15	11.933	7.196	15	326.000	1.000
FLOW	P60	CFS	1451.500	1484.072	12	1934.917	1476.970	12	860.417	348.510	12	353.917	217.948	12	6080.000	220.000
TPN	P600	mg/L	0.546	0.164	6	0.709	0.122	6	0.466	0.123	6	0.477	0.079	6	0.827	0.260
NH3_N	P610	mg/L	0.035	0.029	13	0.032	0.015	15	0.023	0.012	15	0.033	0.017	14	0.120	0.010U
NO2_DIS	P613	mg/L	0.010	0.000	7	0.010	0.001	9	0.010	0.000	9	0.010	0.000	9	0.014	0.010K
NO2_NO3	P630	mg/L	0.384	0.112	13	0.473	0.112	15	0.350	0.090	15	0.301	0.065	14	0.637	0.176
TP_P	P665	mg/L	0.050	0.039	13	0.050	0.027	15	0.034	0.014	15	0.049	0.013	14	0.135	0.014
OP_DIS	P671	mg/L	0.015	0.006	13	0.019	0.009	15	0.015	0.005	15	0.020	0.006	15	0.036	0.005K
HG	P71900	ug/L	0.045	0.007	2	0.040	0.000	2	0.093	0.092	3	0.000	0.000	0	0.200	0.040K
TURB	P82079	NTU	8.292	10.142	13	13.127	24.390	15	2.687	1.148	15	3.233	0.915	15	94.500	1.400
HARD	P900	mg/L	33.500	16.263	2	22.667	6.658	3	32.667	3.215	3	55.667	5.508	3	62.000	15.000
COND	P95	umhos	80.385	28.153	13	71.333	18.569	15	102.000	23.628	15	143.333	25.278	15	187.000	38.000

Summary statistics should be used with caution because variables may not be normally distributed. Values at the detection limit were replaced with 1/2 the detection limit.

REPORT CREATION DATE: 96/09/27

QUARTERLY DATA SUMMARY--SIX YEAR AVERAGE

Station Number: 09A190 Name: GREEN R @ KANASKAT Class: AA Elevation: 775 River Mile: 57.60

Location:
LOCATED AT THE CUMBERLAND-PALMER ROAD BRIDGE AT KANASKAT, 1.1 MILES
ABOVE THE FISH HATCHERY AND 4.5 MILES BELOW THE GAGE NEAR BEAR CREEK

Water Years Sampled:

5	6						7										8										9					
9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6
X	X	X															X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

VARIABLE	P-CODE	UNITS	---OCTOBER-DECEMBER---			-----JANUARY-MARCH----			------APRIL-JUNE------			----JULY-SEPTEMBER----			-----SIX YEAR------	
			MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MAX	MIN
TEMP	P10	C	7.372	2.613	18	4.594	1.637	18	9.311	1.762	18	14.306	1.032	18	16.100	1.700
PRESS	P25	mmHg	743.661	5.377	18	743.106	6.991	18	744.211	8.354	18	746.571	4.344	17	771.700	724.400
OXYGEN	P300	mg/L	11.733	1.009	18	12.489	0.592	18	11.100	0.516	18	9.906	0.236	18	13.600	9.300
PCTSAT	P301	%	99.056	3.913	18	98.694	3.227	18	98.339	2.157	18	97.950	1.405	18	110.200	91.300
FC	P31616	#/100ml	12.278	12.237	18	3.625	3.423	16	11.222	20.769	18	18.222	26.287	18	120.000	1.000K
PH	P400	units	7.511	0.498	18	7.471	0.441	17	7.378	0.377	18	7.259	0.352	17	8.500	6.300
SUSSOL	P530	mg/L	4.778	4.660	18	8.833	25.808	18	2.500	1.886	18	2.789	1.898	18	112.000	1.000U
FLOW	P60	CFS	1228.111	1284.537	18	1342.056	1489.904	18	907.611	592.125	18	183.222	64.101	18	6890.000	124.000
TPN	P600	mg/L	0.204	0.099	6	0.257	0.055	6	0.110	0.046	6	0.202	0.157	6	0.522	0.057
NH3_N	P610	mg/L	0.011	0.003	18	0.011	0.003	18	0.013	0.005	18	0.014	0.005	17	0.030	0.006
NO2_DIS	P613	mg/L	0.009	0.002	12	0.010	0.000	11	0.010	0.000	12	0.009	0.002	12	0.010	0.002K
NO2_N	P615	mg/L	0.010	0.000	3	0.010	0.000	3	0.010	0.000	3	0.010	0.000	3	0.010	0.010K
NH3_UN	P619	mg/L	0.000	0.000	9	0.000	0.000	11	0.000	0.000	12	0.000	0.000	9	0.001	0.000
NO3_N	P620	mg/L	0.165	0.064	2	0.073	0.065	3	0.047	0.012	3	0.037	0.012	3	0.210	0.010K
NO2_NO3	P630	mg/L	0.161	0.091	18	0.165	0.046	18	0.065	0.032	18	0.060	0.014	17	0.296	0.026
TP_P	P665	mg/L	0.015	0.006	18	0.016	0.009	17	0.013	0.004	18	0.010	0.001	17	0.040	0.009J
OP_DIS	P671	mg/L	0.011	0.005	18	0.010	0.003	17	0.009	0.002	18	0.009	0.002	18	0.030	0.003J
COLOR	P80	Pt-Co	9.667	2.887	3	6.667	2.309	3	15.667	4.619	3	12.143	8.611	7	29.000	1.000
TURB	P82079	NTU	2.317	2.367	18	6.461	20.870	18	1.483	1.660	18	1.650	2.400	18	90.000	0.200
COND	P95	umhos	51.278	23.859	18	39.833	4.681	18	41.944	7.534	18	59.556	14.694	18	140.000	30.000

Summary statistics should be used with caution because variables may not be normally distributed. Values at the detection limit were replaced with 1/2 the detection limit.

REPORT CREATION DATE: 96/09/27

QUARTERLY DATA SUMMARY--SIX YEAR AVERAGE

Station Number: 10A070 Name: PUYALLUP R @ MERIDIAN ST Class: A Elevation: 30 River Mile: 8.30

Location:
LOCATED AT THE BRIDGE IMMEDIATELY NORTH OF PUYALLUP ON MERIDIAN STREET
(STATE HIGHWAY 161)

Water Years Sampled:

5	6							7								8												9					
9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6
												X				X				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

VARIABLE	P-CODE	UNITS	---OCTOBER-DECEMBER---			-----JANUARY-MARCH----			------APRIL-JUNE------			----JULY-SEPTEMBER----			-----SIX YEAR------	
			MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MAX	MIN
TEMP	P10	C	6.589	2.383	18	5.906	1.829	18	11.717	2.228	18	14.033	1.474	18	16.800	2.000
CR	P1118	ug/L	3.050	2.758	2	5.000	0.000	2	0.000	0.000	0	5.000	0.000	2	17.000	3.000K
PRESS	P25	mmHg	767.144	6.333	18	764.594	7.301	18	763.383	4.747	18	766.456	5.440	18	781.300	745.700
OXYGEN	P300	mg/L	11.933	0.973	18	11.906	0.592	16	10.467	0.631	18	9.944	0.376	18	14.600	9.100
PCTSAT	P301	%	95.861	4.784	18	95.125	2.660	16	95.406	3.198	18	95.111	2.713	18	107.300	88.700
FC	P31616	#/100ml	254.941	349.404	17	251.500	350.767	18	504.000	819.041	18	191.889	187.091	18	3200.000	19.000
COD	P340	mg/L	8.667	1.155	3	7.667	3.215	3	10.667	7.638	3	6.500	0.707	2	19.000	4.000U
PH	P400	units	7.450	0.176	18	7.344	0.195	18	7.372	0.235	18	7.394	0.244	17	7.900	6.900
SUSSOL	P530	mg/L	79.944	138.934	18	106.722	197.045	18	50.500	105.720	18	180.611	160.097	18	704.000	4.000
FLOW	P60	CFS	3446.611	2869.632	18	5255.000	4145.307	18	3418.889	893.775	18	1926.056	745.612	18	16100.000	433.000
TPN	P600	mg/L	0.381	0.186	6	0.579	0.144	6	0.234	0.080	6	0.181	0.107	6	0.751	0.098J
NH3_N	P610	mg/L	0.035	0.024	18	0.033	0.016	18	0.024	0.011	18	0.025	0.012	18	0.100	0.010U
NO2_DIS	P613	mg/L	0.010	0.002	12	0.010	0.000	12	0.010	0.000	12	0.010	0.003	12	0.014	0.002
NO2_N	P615	mg/L	0.010	0.000	2	0.010	0.000	3	0.010	0.000	3	0.010	0.000	3	0.010	0.010K
NH3_UN	P619	mg/L	0.000	0.000	13	0.000	0.000	14	0.000	0.000	10	0.000	0.000	9	0.001	0.000
NO3_N	P620	mg/L	0.270	0.142	3	0.313	0.068	3	0.085	0.007	2	0.087	0.031	3	0.390	0.060
NO2_NO3	P630	mg/L	0.289	0.171	18	0.379	0.140	18	0.118	0.050	18	0.090	0.022	18	0.691	0.048
TP_P	P665	mg/L	0.065	0.057	18	0.070	0.070	17	0.044	0.037	18	0.147	0.092	18	0.380	0.010U
OP_DIS	P671	mg/L	0.019	0.009	18	0.017	0.007	17	0.013	0.005	18	0.019	0.006	18	0.050	0.009
HG	P71900	ug/L	0.026	0.034	2	0.001	0.000	2	0.000	0.000	0	0.013	0.006	2	0.050	0.001P
COLOR	P80	Pt-Co	37.667	8.505	3	47.667	26.858	3	25.333	7.506	3	486.667	326.548	3	690.000	17.000
TURB	P82079	NTU	17.806	24.596	18	20.367	38.852	18	15.844	31.642	18	79.167	61.251	18	200.000	1.800
HARD	P900	mg/L	29.000	1.414	2	27.000	1.414	2	0.000	0.000	0	39.000	2.828	2	41.000	24.000E
COND	P95	umhos	71.000	18.108	18	67.333	10.070	18	61.111	8.663	18	71.778	16.265	18	20.000	1.000K

Summary statistics should be used with caution because variables may not be normally distributed. Values at the detection limit were replaced with 1/2 the detection limit.

REPORT CREATION DATE: 96/09/27

QUARTERLY DATA SUMMARY--SIX YEAR AVERAGE

Station Number: 11A070 Name: NISQUALLY R @ NISQUALLY Class: A Elevation: 20 River Mile: 3.40

Location:
LOCATED AT THE BRIDGE ON OLD PACIFIC HIGHWAY, .4 MILES DOWNSTREAM FROM THE GAGE

Water Years Sampled:

5	6						7								8										9						
9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6
														X		X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

VARIABLE	P-CODE	UNITS	---OCTOBER-DECEMBER---			-----JANUARY-MARCH----			------APRIL-JUNE------			----JULY-SEPTEMBER----			-----SIX YEAR------	
			MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MAX	MIN
TEMP	P10	C	8.050	2.757	18	6.267	1.299	18	10.828	2.100	18	14.911	1.112	18	17.000	2.700
ZN	P1094	ug/L	6.833	5.636	6	5.000	1.265	6	4.833	0.408	6	6.400	4.278	5	18.000	2.000K
CD	P1113	ug/L	0.238	0.149	4	0.150	0.055	6	0.108	0.020	6	0.100	0.000	4	0.450	0.100K
PB	P1114	ug/L	1.075	0.150	4	1.120	0.268	5	1.000	0.000	6	1.050	0.100	4	1.600	1.000K
CR	P1118	ug/L	0.490	0.238	4	0.637	0.408	6	0.568	0.527	6	0.795	0.752	4	1.900	0.200V
CU	P1119	ug/L	3.925	1.938	4	3.317	1.386	6	3.367	1.483	6	3.600	0.952	4	6.500	2.000J
PRESS	P25	mmHg	767.144	6.453	18	764.289	6.948	18	764.189	4.477	18	765.967	5.044	18	782.300	749.000
OXYGEN	P300	mg/L	11.717	0.851	18	11.950	0.616	16	11.267	0.780	18	10.256	0.454	18	14.100	9.500
PCTSAT	P301	%	97.567	5.057	18	96.213	3.902	16	100.544	4.318	18	100.050	4.250	18	111.500	88.500
FC	P31616	#/100ml	87.588	238.711	17	63.944	150.897	18	19.056	31.242	18	16.556	7.656	18	1000.000	1.000K
COD	P340	mg/L	7.000	1.732	3	11.000	5.292	3	9.333	3.215	3	17.500	13.435	2	27.000	5.000
PH	P400	units	7.511	0.358	18	7.400	0.298	17	7.522	0.216	18	7.647	0.177	17	8.100	6.700
SUSSOL	P530	mg/L	54.667	96.451	18	26.056	46.841	18	8.500	7.238	18	17.200	24.060	18	315.000	2.000
FLOW	P60	CFS	2672.667	3006.569	18	2953.000	1092.595	18	1964.389	710.218	18	1025.778	254.777	18	14057.000	695.000
TPN	P600	mg/L	0.298	0.136	6	0.501	0.075	6	0.366	0.085	6	0.297	0.175	6	0.644	0.131
NH3_N	P610	mg/L	0.023	0.011	18	0.019	0.013	18	0.012	0.003	18	0.013	0.005	18	0.050	0.010U
NO2_DIS	P613	mg/L	0.009	0.002	12	0.010	0.000	12	0.010	0.000	12	0.009	0.002	12	0.010	0.003
NO2_N	P615	mg/L	0.010	0.000	2	0.010	0.000	3	0.010	0.000	3	0.010	0.000	3	0.010	0.010K
NH3_UN	P619	mg/L	0.000	0.000	13	0.000	0.000	14	0.000	0.000	10	0.000	0.000	9	0.001	0.000
NO3_N	P620	mg/L	0.243	0.111	3	0.387	0.042	3	0.195	0.049	2	0.113	0.049	3	0.420	0.080
NO2_NO3	P630	mg/L	0.259	0.129	18	0.418	0.078	18	0.216	0.065	18	0.147	0.040	18	0.570	0.085
TP_P	P665	mg/L	0.052	0.061	18	0.046	0.042	18	0.018	0.009	18	0.030	0.025	18	0.260	0.010U
OP_DIS	P671	mg/L	0.011	0.002	18	0.011	0.004	18	0.009	0.002	18	0.010	0.002	18	0.020	0.005U
HG	P71900	ug/L	0.061	0.031	6	0.033	0.016	6	0.040	0.014	5	0.028	0.018	4	0.120	0.001K
COLOR	P80	Pt-Co	51.667	16.743	3	71.333	54.976	3	18.000	8.888	3	124.667	84.056	3	200.000	8.000
TURB	P82079	NTU	31.056	50.210	18	12.567	15.629	18	2.850	1.907	18	13.211	15.377	18	190.000	1.100
HARD	P900	mg/L	26.833	6.463	6	22.500	1.761	6	26.000	5.967	6	25.333	1.033	6	39.000	20.000
COND	P95	umhos	63.778	8.363	18	61.722	8.245	18	62.500	5.458	18	69.333	6.860	18	84.000	48.000

Summary statistics should be used with caution because variables may not be normally distributed. Values at the detection limit were replaced with 1/2 the detection limit.

REPORT CREATION DATE: 96/09/27

QUARTERLY DATA SUMMARY--SIX YEAR AVERAGE

Station Number: 13A060 Name: DESCHUTES R @ E ST BRIDGE Class: A Elevation: 93 River Mile: 0.60

Location:
LOCATED AT THE BRIDGE ON E STREET, IMMEDIATELY SOUTH OF THE OLYMPIA BREWING COMPANY AND ADJACENT TO THE ENTRANCE OF THE TUMWATER VALLEY GOLF COURSE

Water Years Sampled:

5	6						7									8										9						
9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6
																						X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

VARIABLE	P-CODE	UNITS	---OCTOBER-DECEMBER---			-----JANUARY-MARCH----			------APRIL-JUNE------			----JULY-SEPTEMBER----			-----SIX YEAR------	
			MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MAX	MIN
TEMP	P10	C	7.747	2.152	15	7.600	1.761	15	13.567	2.666	15	15.620	2.284	15	19.800	4.600
ZN	P1094	ug/L	6.000	2.683	6	4.500	0.548	6	9.167	9.326	6	3.833	0.983	6	28.000	2.000K
CD	P1113	ug/L	0.180	0.072	3	0.150	0.055	6	0.123	0.057	6	0.174	0.165	5	0.470	0.100K
PB	P1114	ug/L	1.400	0.529	3	1.120	0.217	5	1.167	0.408	6	1.000	0.000	4	2.000	1.000K
CR	P1118	ug/L	0.743	0.478	3	0.763	0.687	6	0.528	0.361	6	0.380	0.136	4	2.110	0.200K
CU	P1119	ug/L	3.400	1.217	3	2.883	1.214	6	3.517	1.059	6	5.600	4.775	5	14.000	2.000K
PRESS	P25	mmHg	762.860	6.527	15	763.253	6.721	15	761.187	5.662	15	763.100	6.581	15	777.000	748.000
OXYGEN	P300	mg/L	11.353	0.818	15	11.286	0.859	14	10.393	0.705	15	10.540	0.910	15	12.800	8.900
PCTSAT	P301	%	94.540	6.661	15	94.229	7.431	14	99.087	6.998	15	104.940	11.338	15	124.000	71.200
FC	P31616	#/100ml	123.833	159.362	12	75.067	94.921	15	189.933	506.757	15	67.571	89.282	14	2000.000	1.000K
COD	P340	mg/L	6.000	2.828	2	0.000	0.000	0	0.000	0.000	0	0.000	0.000	0	0.000	0.000
PH	P400	units	7.387	0.188	15	7.247	0.318	15	7.373	0.281	15	7.627	0.333	15	8.200	6.600
SUSSOL	P530	mg/L	53.071	97.849	14	17.286	25.921	14	5.786	5.549	14	3.320	1.239	15	368.000	2.000
FLOW	P60	CFS	580.733	563.430	15	741.200	779.089	15	284.400	179.372	15	98.733	31.424	15	3270.000	56.000
TPN	P600	mg/L	0.753	0.084	3	0.768	0.052	3	0.843	0.129	3	1.023	0.156	3	1.190	0.657
NH3_N	P610	mg/L	0.018	0.011	14	0.019	0.012	15	0.018	0.015	15	0.021	0.023	15	0.103	0.009
NO2_DIS	P613	mg/L	0.010	0.001	11	0.010	0.000	12	0.010	0.000	12	0.010	0.001	12	0.010	0.007
NO2_N	P615	mg/L	0.010	0.000	2	0.010	0.000	3	0.010	0.000	3	0.010	0.000	3	0.010	0.010K
NH3_UN	P619	mg/L	0.000	0.001	13	0.000	0.000	13	0.000	0.000	10	0.001	0.003	9	0.010	0.000
NO3_N	P620	mg/L	0.493	0.038	3	0.483	0.021	3	0.420	0.028	2	0.473	0.083	3	0.540	0.380
NO2_NO3	P630	mg/L	0.575	0.125	15	0.607	0.098	15	0.549	0.143	15	0.650	0.201	15	0.907	0.010K
TP_P	P665	mg/L	0.048	0.044	15	0.038	0.023	15	0.025	0.012	15	0.024	0.006	15	0.189	0.010U
OP_DIS	P671	mg/L	0.012	0.002	13	0.014	0.005	15	0.012	0.003	15	0.013	0.005	15	0.024	0.006
HG	P71900	ug/L	0.045	0.016	5	0.032	0.011	5	0.034	0.009	5	0.038	0.028	5	0.079	0.001K
COLOR	P80	Pt-Co	67.000	54.617	3	25.000	22.113	3	21.000	13.000	3	30.667	6.658	3	130.000	8.000
TURB	P82079	NTU	17.950	30.056	14	10.320	15.131	15	2.160	1.657	15	1.821	0.724	14	87.000	0.700
HARD	P900	mg/L	35.000	6.819	5	31.667	2.582	6	35.833	5.636	6	59.167	30.818	6	122.000	25.000
COND	P95	umhos	91.133	25.634	15	82.933	15.016	15	103.867	14.152	15	130.067	13.635	15	160.000	46.000

Summary statistics should be used with caution because variables may not be normally distributed. Values at the detection limit were replaced with 1/2 the detection limit.

REPORT CREATION DATE: 96/09/27

QUARTERLY DATA SUMMARY--SIX YEAR AVERAGE

Station Number: 16A070 Name: SKOKOMISH R NR POTLATCH Class: AA Elevation: 60 River Mile: 5.30

Location:
LOCATED AT HIGHWAY 101 BRIDGE ON THE SKOKOMISH RIVER APPROXIMATELY EIGHT MILES NORTH OF SHELTON

Water Years Sampled:

5	6							7								8								9						
9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6
		X	X	X	X	X	X	X			X	X		X	X	X				X	X	X				X	X	X	X	X	X	X	X	X	X	X	X

VARIABLE	P-CODE	UNITS	---OCTOBER-DECEMBER---			-----JANUARY-MARCH----			------APRIL-JUNE------			----JULY-SEPTEMBER----			-----SIX YEAR------	
			MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MAX	MIN
TEMP	P10	C	7.371	1.110	17	6.311	1.079	18	9.861	1.509	18	10.894	1.084	18	12.900	4.500
PRESS	P25	mmHg	767.835	8.027	17	767.439	6.067	18	764.889	5.540	18	767.394	5.087	18	779.800	752.600
OXYGEN	P300	mg/L	11.347	0.809	17	11.847	0.386	17	10.850	0.453	18	10.111	0.450	18	13.300	9.600
PCTSAT	P301	%	93.059	5.907	17	94.882	2.028	17	94.756	3.033	18	90.250	5.267	18	107.700	83.700
FC	P31616	#/100ml	20.125	27.154	16	4.556	5.903	18	22.667	28.891	18	39.889	59.569	18	270.000	1.000U
PH	P400	units	7.406	0.390	17	7.194	0.456	18	7.472	0.299	18	7.424	0.156	17	8.300	6.300
SUSSOL	P530	mg/L	26.471	45.792	17	19.389	32.169	18	8.778	19.798	18	1.911	1.208	18	168.000	1.000K
FLOW	P60	CFS	1680.941	2298.670	17	2031.889	2494.828	18	750.278	654.955	18	206.778	37.634	18	11300.000	159.000
TPN	P600	mg/L	0.175	0.060	5	0.117	0.043	6	0.076	0.028	6	0.100	0.020	5	0.242	0.024
NH3_N	P610	mg/L	0.017	0.016	17	0.014	0.006	18	0.011	0.003	18	0.014	0.006	17	0.076	0.010U
NO2_DIS	P613	mg/L	0.010	0.000	11	0.010	0.000	12	0.010	0.000	12	0.009	0.002	12	0.010	0.003
NO2_N	P615	mg/L	0.010	0.000	2	0.010	0.000	3	0.010	0.000	3	0.010	0.000	3	0.010	0.010K
NH3_UN	P619	mg/L	0.000	0.000	13	0.000	0.001	13	0.000	0.000	10	0.000	0.000	9	0.003	0.000
NO3_N	P620	mg/L	0.130	0.072	3	0.073	0.025	3	0.040	0.000	2	0.047	0.012	3	0.210	0.040
NO2_NO3	P630	mg/L	0.135	0.035	17	0.097	0.028	18	0.053	0.017	18	0.070	0.019	18	0.209	0.022
TP_P	P665	mg/L	0.024	0.026	17	0.024	0.024	18	0.012	0.004	18	0.013	0.005	16	0.112	0.008
OP_DIS	P671	mg/L	0.010	0.003	16	0.009	0.002	18	0.009	0.002	18	0.010	0.003	17	0.014	0.004
COLOR	P80	Pt-Co	15.333	12.662	3	5.333	2.309	3	12.500	12.021	2	8.333	4.509	3	29.000	4.000
TURB	P82079	NTU	9.082	15.482	17	10.429	13.920	17	3.350	7.575	18	1.006	0.570	18	58.000	0.300
COND	P95	umhos	62.647	7.842	17	56.722	9.099	18	66.000	9.647	18	79.111	10.363	18	110.000	43.000

Summary statistics should be used with caution because variables may not be normally distributed. Values at the detection limit were replaced with 1/2 the detection limit.

REPORT CREATION DATE: 96/09/27

QUARTERLY DATA SUMMARY--SIX YEAR AVERAGE

Station Number: 16C090 Name: DUCKABUSH R NR BRINNON Class: AA Elevation: 300 River Mile: 4.50

Location:
LOCATED AT THE GS RECORDER IN THE SOUTHWEST QUARTER OF SECTION ONE` IN TOWNSHIP 25 NORTH, RANGE THREE WEST, 4.5 MILES UPSTREAM FROM THE MOUTH OF THE DUCKABUSH RIVER AND FIVE MILES WEST OF BRINNON, JEFFERSON COUNTY

Water Years Sampled:

5 6	7	8	9
9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6			
		X X X	X X X

VARIABLE	P-CODE	UNITS	---OCTOBER-DECEMBER---			-----JANUARY-MARCH----			------APRIL-JUNE------			----JULY-SEPTEMBER----			-----SIX YEAR------	
			MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MAX	MIN
TEMP	P10	C	5.783	1.317	6	4.483	0.571	6	7.083	1.601	6	11.200	1.081	6	13.100	3.900
PRESS	P25	mmHg	762.467	7.908	6	758.383	6.246	6	758.033	4.874	6	760.750	4.630	6	773.200	749.300
OXYGEN	P300	mg/L	12.633	0.472	6	12.800	0.155	6	12.033	0.344	6	11.150	0.235	6	13.200	10.700
PCTSAT	P301	%	100.317	1.873	6	98.933	1.341	6	99.283	1.993	6	101.017	2.269	6	103.400	96.100
FC	P31616	#/100ml	5.000	5.477	6	1.333	0.816	6	1.833	1.169	6	2.333	1.633	6	13.000	1.000U
PH	P400	units	7.483	0.417	6	7.550	0.394	6	7.650	0.207	6	7.550	0.327	6	8.000	6.900
SUSSOL	P530	mg/L	8.000	12.066	6	4.333	7.202	6	1.333	0.516	6	1.167	0.408	6	31.000	1.000U
FLOW	P60	CFS	145.800	75.629	5	456.333	213.823	3	340.667	42.158	3	103.667	56.368	3	700.000	59.000
TPN	P600	mg/L	0.076	0.038	6	0.053	0.036	6	0.038	0.019	6	0.034	0.021	5	0.135	0.010U
NH3_N	P610	mg/L	0.013	0.007	6	0.010	0.000	6	0.010	0.000	6	0.011	0.001	5	0.028	0.010U
NO2_NO3	P630	mg/L	0.050	0.028	6	0.029	0.022	6	0.013	0.007	6	0.013	0.004	6	0.084	0.010U
TP_P	P665	mg/L	0.013	0.006	6	0.011	0.001	6	0.010	0.000	6	0.010	0.000	5	0.026	0.010U
OP_DIS	P671	mg/L	0.008	0.003	6	0.008	0.003	6	0.008	0.003	6	0.008	0.003	6	0.010	0.005U
TURB	P82079	NTU	5.033	10.763	6	2.283	3.652	6	1.100	0.597	6	0.550	0.122	6	27.000	0.500U
COND	P95	umhos	72.500	15.604	6	67.333	9.585	6	63.500	7.868	6	78.667	11.622	6	92.000	46.000

Summary statistics should be used with caution because variables may not be normally distributed. Values at the detection limit were replaced with 1/2 the detection limit.

REPORT CREATION DATE: 96/09/27

QUARTERLY DATA SUMMARY--SIX YEAR AVERAGE

Station Number: 18B070 Name: ELWHA R NR PORT ANGELES Class: AA Elevation: 220 River Mile: 8.10

Location:
LOCATED AT BRIDGE ON HIGHWAY 101, 12 MILES WEST OF PORT ANGELES

Water Years Sampled:

5 6							7								8								9						
9 0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6
X X	X	X	X	X	X	X		X			X	X	X																	X	X	X				

VARIABLE	P-CODE	UNITS	---OCTOBER-DECEMBER---			-----JANUARY-MARCH----			------APRIL-JUNE------			----JULY-SEPTEMBER----			-----SIX YEAR------	
			MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MAX	MIN
TEMP	P10	C	7.000	3.046	6	4.883	0.943	6	9.283	1.761	6	13.867	0.812	6	14.600	3.700
PRESS	P25	mmHg	762.167	10.447	6	762.100	3.784	6	758.967	4.347	6	763.533	1.451	6	776.500	747.000
OXYGEN	P300	mg/L	12.283	0.765	6	12.767	0.103	6	11.450	0.327	6	10.450	0.122	6	13.100	10.300
PCTSAT	P301	%	100.350	2.914	6	99.217	1.784	6	99.467	2.439	6	100.050	1.653	6	105.000	95.100
FC	P31616	#/100ml	3.000	2.449	6	1.167	0.408	6	1.000	0.000	6	1.667	1.211	6	7.000	1.000U
PH	P400	units	7.583	0.183	6	7.767	0.207	6	7.800	0.237	6	7.717	0.133	6	8.200	7.300
SUSSOL	P530	mg/L	21.200	27.262	5	8.333	5.610	6	3.167	3.430	6	2.500	2.739	6	68.000	1.000U
FLOW	P60	CFS	2074.000	3723.265	6	1520.500	416.598	6	1308.833	343.191	6	544.000	286.136	6	9660.000	306.000
TPN	P600	mg/L	0.054	0.037	6	0.057	0.016	6	0.024	0.013	6	0.035	0.030	5	0.107	0.010U
NH3_N	P610	mg/L	0.011	0.002	6	0.010	0.000	6	0.010	0.000	6	0.011	0.003	5	0.017	0.010U
NO2_NO3	P630	mg/L	0.025	0.019	6	0.026	0.015	6	0.011	0.002	6	0.010	0.000	6	0.062	0.010U
TP_P	P665	mg/L	0.028	0.026	6	0.011	0.001	6	0.011	0.002	6	0.010	0.000	5	0.079	0.010U
OP_DIS	P671	mg/L	0.009	0.002	5	0.008	0.003	6	0.008	0.003	6	0.008	0.003	6	0.010	0.005U
TURB	P82079	NTU	20.767	28.302	6	8.950	6.730	6	3.217	3.349	6	0.733	0.288	6	75.000	0.500U
COND	P95	umhos	90.333	17.874	6	87.667	10.270	6	81.167	10.304	6	89.833	15.651	6	110.000	67.000

Summary statistics should be used with caution because variables may not be normally distributed. Values at the detection limit were replaced with 1/2 the detection limit.

REPORT CREATION DATE: 96/09/27

QUARTERLY DATA SUMMARY--SIX YEAR AVERAGE

Station Number: 20B070 Name: HOH R @ DNR CAMPGROUND Class: AA Elevation: 350 River Mile: 16.50

Location:
LOCATED AT THE BANK IN THE DEPARTMENT OF NATURAL RESOURCES CAMPGROUND,
21 MILES SOUTH OF FORKS, JUST BEFORE THE HOH RIVER BRIDGE ON HIGHWAY 101

Water Years Sampled:

5 6							7										8										9						
9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6
	X	X	X	X	X	X	X	X	X	X	X		X	X	X				X	X	X														X	X	X

VARIABLE	P-CODE	UNITS	---OCTOBER-DECEMBER---			-----JANUARY-MARCH----			------APRIL-JUNE------			----JULY-SEPTEMBER----			-----SIX YEAR------	
			MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MAX	MIN
TEMP	P10	C	6.717	1.720	6	6.100	0.810	6	11.133	2.435	6	12.583	1.151	6	14.500	4.400
PRESS	P25	mmHg	761.383	8.479	6	761.950	4.248	6	758.900	4.070	6	763.417	2.315	6	772.900	749.600
OXYGEN	P300	mg/L	12.200	0.369	6	12.250	0.187	6	11.300	0.540	6	11.067	0.333	6	12.500	10.700
PCTSAT	P301	%	99.317	2.263	6	98.183	1.416	6	102.317	1.968	6	103.017	2.572	6	107.500	96.600
FC	P31616	#/100ml	30.333	32.977	6	1.333	0.816	6	1.500	0.837	6	8.833	5.345	6	92.000	1.000U
PH	P400	units	7.433	0.258	6	7.350	0.176	6	7.600	0.268	6	7.600	0.141	6	7.900	7.100
SUSSOL	P530	mg/L	90.200	188.842	5	6.833	2.994	6	2.667	1.366	6	6.167	7.574	6	428.000	1.000U
FLOW	P60	CFS	4401.667	6965.938	6	2399.167	441.162	6	1483.333	99.933	6	871.000	317.809	6	18600.000	620.000
TPN	P600	mg/L	0.176	0.051	6	0.127	0.041	6	0.035	0.021	6	0.045	0.041	5	0.240	0.010U
NH3_N	P610	mg/L	0.013	0.008	6	0.010	0.001	6	0.011	0.001	6	0.013	0.007	5	0.030	0.010U
NO2_NO3	P630	mg/L	0.139	0.061	6	0.091	0.038	6	0.013	0.006	6	0.012	0.004	6	0.212	0.010U
TP_P	P665	mg/L	0.051	0.095	6	0.011	0.002	6	0.010	0.000	6	0.011	0.001	5	0.244	0.010U
OP_DIS	P671	mg/L	0.008	0.003	5	0.008	0.003	6	0.008	0.003	6	0.008	0.003	6	0.010	0.005U
TURB	P82079	NTU	37.733	79.556	6	4.733	2.402	6	2.617	1.266	6	5.000	5.201	6	200.000	0.900
COND	P95	umhos	68.833	14.892	6	70.667	4.179	6	77.167	7.167	6	75.500	9.649	6	85.000	40.000

Summary statistics should be used with caution because variables may not be normally distributed. Values at the detection limit were replaced with 1/2 the detection limit.

REPORT CREATION DATE: 96/09/27

QUARTERLY DATA SUMMARY--SIX YEAR AVERAGE

Station Number: 22A070 Name: HUMPTULIPS R NR HUMPTULIPS Class: A Elevation: 145 River Mile: 23.60

Location:
LOCATED AT THE BRIDGE ON HIGHWAY 101, JUST SOUTH OF HUMPTULIPS

Water Years Sampled:

5 6	7	8	9
9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6			
X X X X X X X X X X X X X X X X X X X X X X X X X X X X X X X X X X X X X			

VARIABLE	P-CODE	UNITS	---OCTOBER-DECEMBER---			-----JANUARY-MARCH----			------APRIL-JUNE------			----JULY-SEPTEMBER----			-----SIX YEAR------	
			MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MAX	MIN
TEMP	P10	C	7.300	1.677	18	6.722	1.331	18	12.411	2.952	18	15.433	2.421	18	21.000	4.000
PRESS	P25	mmHg	762.889	6.894	18	762.894	5.691	18	761.633	4.084	18	763.422	5.100	18	774.200	749.600
OXYGEN	P300	mg/L	11.978	0.674	18	12.141	0.449	17	11.017	0.829	18	10.350	0.536	18	13.600	9.400
PCTSAT	P301	%	98.022	5.448	18	98.853	2.364	17	102.094	4.618	18	102.283	3.609	18	111.800	84.000
FC	P31616	#/100ml	30.882	47.470	17	3.833	3.884	18	13.167	24.995	18	25.667	32.302	18	180.000	1.000U
PH	P400	units	7.406	0.215	18	7.189	0.278	18	7.494	0.328	18	7.535	0.158	17	7.900	6.500
SUSSOL	P530	mg/L	34.529	83.671	17	16.778	25.344	18	6.882	17.741	17	1.489	0.866	18	344.000	0.800
FLOW	P60	CFS	2332.500	3393.769	18	1856.111	1320.072	18	796.333	837.390	18	170.500	56.756	18	15400.000	86.000
TPN	P600	mg/L	0.287	0.088	6	0.193	0.038	6	0.074	0.030	6	0.083	0.031	5	0.409	0.026
NH3_N	P610	mg/L	0.013	0.007	18	0.014	0.006	18	0.012	0.004	18	0.012	0.003	17	0.031	0.008
NO2_DIS	P613	mg/L	0.009	0.002	11	0.010	0.000	12	0.010	0.000	12	0.009	0.002	12	0.010	0.002
NO2_N	P615	mg/L	0.010	0.000	2	0.010	0.000	3	0.010	0.000	3	0.010	0.000	3	0.010	0.010K
NH3_UN	P619	mg/L	0.000	0.000	13	0.000	0.000	13	0.000	0.000	10	0.000	0.000	9	0.000	0.000
NO3_N	P620	mg/L	0.220	0.072	3	0.117	0.031	3	0.040	0.000	2	0.023	0.006	3	0.300	0.020
NO2_NO3	P630	mg/L	0.226	0.078	18	0.153	0.050	18	0.054	0.039	18	0.042	0.043	18	0.335	0.010U
TP_P	P665	mg/L	0.034	0.065	18	0.023	0.020	18	0.014	0.010	18	0.011	0.003	17	0.288	0.004
OP_DIS	P671	mg/L	0.010	0.003	15	0.009	0.002	18	0.009	0.002	18	0.009	0.003	18	0.015	0.002
COLOR	P80	Pt-Co	29.667	14.434	3	6.667	2.309	3	14.500	14.849	2	22.333	17.616	3	42.000	4.000
TURB	P82079	NTU	24.594	69.662	18	9.665	11.213	17	3.478	7.701	18	0.678	0.347	18	300.000	0.300
COND	P95	umhos	49.722	8.435	18	50.222	8.293	18	54.778	6.612	18	69.222	9.662	18	86.000	29.000

Summary statistics should be used with caution because variables may not be normally distributed. Values at the detection limit were replaced with 1/2 the detection limit.

REPORT CREATION DATE: 96/09/27

QUARTERLY DATA SUMMARY--SIX YEAR AVERAGE

Station Number: 23A070 Name: CHEHALIS R @ PORTER Class: A Elevation: 40 River Mile: 33.30

Location:
LOCATED AT THE BRIDGE ON THE SIDE ROAD OFF US HIGHWAY 12 ON THE RIGHT
WHEN ENTERING PORTER FROM THE NORTHWEST

Water Years Sampled:

5 6	7	8	9
9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6			
X X X X X X X X X X X X X X X X X X X X X X X X X X X X X X X X X X X X X			

VARIABLE	P-CODE	UNITS	---OCTOBER-DECEMBER---			-----JANUARY-MARCH----			------APRIL-JUNE------			----JULY-SEPTEMBER----			-----SIX YEAR------	
			MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MAX	MIN
TEMP	P10	C	7.783	2.346	18	7.083	1.894	18	14.844	3.593	18	17.833	2.236	18	22.100	3.200
PRESS	P25	mmHg	766.650	6.682	18	766.572	5.666	18	764.878	3.791	18	767.572	5.125	18	776.000	751.800
OXYGEN	P300	mg/L	11.083	0.813	18	11.112	0.583	17	9.606	0.822	18	9.161	0.640	18	12.600	7.700
PCTSAT	P301	%	91.244	5.739	18	90.906	3.614	17	93.422	6.935	18	94.889	9.513	18	114.800	78.900
FC	P31616	#/100ml	188.471	349.925	17	70.278	79.290	18	29.444	26.706	18	20.111	12.419	18	1300.000	1.000K
COD	P340	mg/L	14.667	2.517	3	9.000	1.414	2	12.333	1.155	3	7.500	3.536	2	17.000	5.000K
PH	P400	units	7.406	0.286	18	7.094	0.302	18	7.383	0.165	18	7.606	0.230	17	7.900	6.600
SUSSOL	P530	mg/L	20.647	30.058	17	21.389	20.249	18	6.556	5.044	18	3.133	1.606	18	95.000	1.000K
FLOW	P60	CFS	6282.167	10287.021	18	6873.889	4710.793	18	1798.167	1567.688	18	402.944	134.468	18	42000.000	202.000
TPN	P600	mg/L	0.969	0.188	6	1.008	0.092	6	0.778	0.068	6	0.754	0.158	5	1.200	0.567
NH3_N	P610	mg/L	0.024	0.009	18	0.032	0.013	18	0.025	0.018	18	0.022	0.013	17	0.080	0.010U
NO2_DIS	P613	mg/L	0.010	0.001	11	0.010	0.000	12	0.010	0.000	12	0.010	0.001	12	0.010	0.006
NO2_N	P615	mg/L	0.010	0.000	2	0.010	0.000	3	0.010	0.000	3	0.010	0.000	3	0.010	0.010K
NH3_UN	P619	mg/L	0.000	0.000	13	0.000	0.000	13	0.000	0.000	10	0.000	0.000	9	0.001	0.000
NO3_N	P620	mg/L	0.713	0.140	3	0.590	0.046	3	0.380	0.085	2	0.337	0.042	3	0.850	0.290
NO2_NO3	P630	mg/L	0.907	0.370	18	0.848	0.113	18	0.547	0.096	18	0.499	0.126	18	2.130	0.187
TP_P	P665	mg/L	0.074	0.039	18	0.051	0.025	18	0.037	0.008	17	0.044	0.020	17	0.190	0.019
OP_DIS	P671	mg/L	0.030	0.018	16	0.017	0.006	18	0.018	0.005	17	0.028	0.016	18	0.079	0.006
COLOR	P80	Pt-Co	64.000	6.557	3	39.000	17.776	3	27.500	9.192	2	32.333	20.033	3	71.000	17.000
TURB	P82079	NTU	10.861	19.347	18	10.371	8.039	17	3.022	2.113	18	1.306	0.468	18	65.000	0.900
COND	P95	umhos	89.667	21.296	18	72.444	10.042	18	88.444	11.587	18	107.111	10.431	18	125.000	53.000

Summary statistics should be used with caution because variables may not be normally distributed. Values at the detection limit were replaced with 1/2 the detection limit.

REPORT CREATION DATE: 96/09/27

QUARTERLY DATA SUMMARY--SIX YEAR AVERAGE

Station Number: 23A100 Name: CHEHALIS R @ PRATHER RD Class: A Elevation: 128 River Mile: 59.90

Location:
PRATHER ROAD BRIDGE NEAR ROCHESTER

Water Years Sampled:
5 6 7 8 9
9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6
X X

VARIABLE	P-CODE	UNITS	---OCTOBER-DECEMBER---			-----JANUARY-MARCH----			------APRIL-JUNE------			----JULY-SEPTEMBER----			-----SIX YEAR------	
			MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MAX	MIN
TEMP	P10	C	7.233	3.313	3	4.867	1.823	3	15.267	4.834	3	17.900	2.594	3	20.800	2.900
PRESS	P25	mmHg	758.033	8.292	3	763.167	9.188	3	761.267	2.702	3	764.300	10.235	3	772.700	752.900
OXYGEN	P300	mg/L	10.233	1.193	3	11.533	0.416	3	8.833	0.850	3	7.300	0.100	3	12.000	7.200
PCTSAT	P301	%	84.433	7.162	3	89.367	0.404	3	86.967	4.306	3	75.900	2.646	3	92.700	73.900
FC	P31616	#/100ml	243.000	314.113	3	46.667	18.009	3	12.667	8.083	3	50.000	54.083	3	600.000	5.000
PH	P400	units	6.967	0.416	3	6.900	0.100	3	7.200	0.100	3	7.267	0.153	3	7.400	6.500
SUSSOL	P530	mg/L	35.667	28.431	3	6.333	1.155	3	9.667	2.517	3	3.000	1.000	3	59.000	2.000
FLOW	P60	CFS	10225.667	11160.817	3	2890.000	153.948	3	990.000	562.824	3	293.667	6.506	3	22300.000	287.000
TPN	P600	mg/L	0.918	0.345	3	0.921	0.021	3	0.643	0.048	3	0.720	0.040	3	1.160	0.523
NH3_N	P610	mg/L	0.016	0.008	3	0.022	0.007	3	0.039	0.027	3	0.071	0.026	3	0.096	0.010K
NO2_NO3	P630	mg/L	0.677	0.292	3	0.771	0.084	3	0.404	0.012	3	0.457	0.010	3	0.857	0.340
TP_P	P665	mg/L	0.086	0.012	3	0.032	0.010	3	0.058	0.013	3	0.108	0.027	3	0.138	0.021
OP_DIS	P671	mg/L	0.042	0.052	3	0.016	0.004	3	0.031	0.010	3	0.070	0.001	3	0.102	0.009
TURB	P82079	NTU	25.333	21.733	3	7.400	1.735	3	2.567	0.681	3	1.400	0.200	3	45.000	1.200
COND	P95	umhos	86.000	30.806	3	73.333	4.509	3	91.667	11.372	3	109.333	7.095	3	121.000	63.000

Summary statistics should be used with caution because variables may not be normally distributed. Values at the detection limit were replaced with 1/2 the detection limit.

REPORT CREATION DATE: 96/09/27

QUARTERLY DATA SUMMARY--SIX YEAR AVERAGE

Station Number: 23A160   Name: CHEHALIS R @ DRYAD   Class: A   Elevation: 288   River Mile: 101.70

Location:
LOCATED AT THE BRIDGE LEAVING DRYAD ON THE SOUTHEAST AND APPROXIMATELY
1.5 MILES EAST OF DOTY

Water Years Sampled:

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5 6                 7                   8                   9
9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6
X X X X X X X X                     X X X X X X X X X X X X X X X X X X X
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VARIABLE	P-CODE	UNITS	---OCTOBER-DECEMBER---			-----JANUARY-MARCH----			------APRIL-JUNE------			----JULY-SEPTEMBER----			-----SIX YEAR------	
			MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MAX	MIN
TEMP	P10	C	6.956	2.333	18	6.472	2.553	18	13.444	3.853	18	16.672	2.883	18	24.500	1.500
PRESS	P25	mmHg	756.806	6.643	18	757.900	6.913	18	757.594	6.376	18	757.528	6.625	18	772.900	742.200
OXYGEN	P300	mg/L	11.983	0.891	18	12.156	0.393	16	10.739	1.099	18	9.744	0.741	18	13.700	8.400
PCTSAT	P301	%	98.489	4.707	18	99.850	4.507	16	102.228	8.292	18	99.644	7.986	18	120.500	88.500
FC	P31616	#/100ml	94.235	92.153	17	32.833	33.505	18	54.778	64.673	18	200.500	650.284	18	2800.000	2.000
PH	P400	units	7.444	0.287	18	7.256	0.342	18	7.594	0.441	18	7.656	0.296	18	8.700	6.400
SUSSOL	P530	mg/L	34.778	93.221	18	25.000	55.672	17	3.706	3.601	17	4.611	10.370	18	397.000	1.000
FLOW	P60	CFS	1345.111	1889.022	18	1613.056	1836.746	18	392.033	399.794	18	81.611	67.624	18	7780.000	26.000
TPN	P600	mg/L	0.616	0.312	6	0.642	0.088	6	0.348	0.032	6	0.306	0.191	6	1.030	0.144J
NH3_N	P610	mg/L	0.014	0.007	18	0.013	0.005	18	0.016	0.017	18	0.014	0.005	18	0.081	0.010U
NO2_DIS	P613	mg/L	0.009	0.002	11	0.010	0.000	12	0.010	0.000	12	0.009	0.002	12	0.010	0.003
NO2_N	P615	mg/L	0.010	0.000	2	0.040	0.052	3	0.010	0.000	3	0.010	0.000	3	0.010	0.010K
NH3_UN	P619	mg/L	0.000	0.000	13	0.000	0.000	13	0.000	0.000	10	0.000	0.000	9	0.001	0.000
NO3_N	P620	mg/L	0.533	0.190	3	0.390	0.026	3	0.115	0.007	2	0.027	0.012	3	0.720	0.020
NO2_NO3	P630	mg/L	0.517	0.308	18	0.511	0.150	18	0.199	0.079	18	0.063	0.050	18	0.959	0.010K
TP_P	P665	mg/L	0.033	0.041	18	0.038	0.048	18	0.015	0.006	18	0.019	0.018	18	0.178	0.010U
OP_DIS	P671	mg/L	0.009	0.002	17	0.010	0.002	18	0.009	0.002	18	0.009	0.001	18	0.014	0.002
COLOR	P80	Pt-Co	46.000	33.719	3	18.333	2.309	3	25.000	5.657	2	58.667	7.506	3	83.000	17.000
TURB	P82079	NTU	12.244	32.630	18	8.676	14.384	17	1.556	0.845	18	2.461	3.893	18	140.000	0.700
COND	P95	umhos	65.611	10.199	18	59.722	7.177	18	67.824	7.204	17	81.444	7.571	18	96.000	40.000

Summary statistics should be used with caution because variables may not be normally distributed. Values at the detection limit were replaced with 1/2 the detection limit.

REPORT CREATION DATE: 96/09/27

QUARTERLY DATA SUMMARY--SIX YEAR AVERAGE

Station Number: 23E070 Name: BLACK RIVER @ MOON ROAD BRIDGE Class: A Elevation: 90 River Mile: 7.10

Location:
LOCATED AT THE BRIDGE 6.7 MILES WEST OF I-5 (WEST OF ROCHESTER) AND .6 MILES NORTH ON MOON ROAD.

Water Years Sampled:

5	6						7								8									9					
9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6
																												X	X		X			X	X		

VARIABLE	P-CODE	UNITS	---OCTOBER-DECEMBER---			-----JANUARY-MARCH----			------APRIL-JUNE------			----JULY-SEPTEMBER----			-----SIX YEAR------	
			MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MAX	MIN
TEMP	P10	C	8.300	2.545	9	5.822	1.925	9	13.733	2.549	9	16.508	1.799	12	19.700	3.300
ZN	P1094	ug/L	5.333	0.577	3	6.333	4.041	3	0.000	0.000	0	6.500	4.359	4	13.000	4.000K
CD	P1113	ug/L	0.000	0.000	0	0.110	0.017	3	0.100	0.000	3	0.110	0.020	4	0.140	0.100K
PB	P1114	ug/L	0.000	0.000	0	1.150	0.212	2	1.000	0.000	2	1.000	0.000	4	1.300	1.000K
CR	P1118	ug/L	0.000	0.000	0	0.663	0.006	3	0.635	0.007	2	0.805	0.813	4	2.000	0.200K
CU	P1119	ug/L	0.000	0.000	0	2.767	1.328	3	3.000	0.000	3	3.500	1.000	4	5.000	2.000K
PRESS	P25	mmHg	761.822	5.642	9	764.811	6.576	9	763.533	3.699	9	764.808	5.627	12	774.700	752.300
OXYGEN	P300	mg/L	8.744	1.295	9	9.613	1.079	8	8.389	0.798	9	7.825	1.350	12	11.300	6.500
PCTSAT	P301	%	73.656	9.191	9	76.938	9.134	8	80.056	8.433	9	79.008	13.490	12	107.000	58.700
FC	P31616	#/100ml	237.000	295.307	7	221.222	400.805	9	51.000	51.614	9	89.250	154.931	12	1200.000	5.000
PH	P400	units	7.089	0.337	9	7.033	0.361	9	6.989	0.127	9	7.308	0.156	12	7.700	6.500
SUSSOL	P530	mg/L	5.667	3.873	9	3.444	1.740	9	3.333	2.291	9	1.700	0.802	12	12.000	1.000U
TPN	P600	mg/L	1.073	0.012	3	1.054	0.124	3	1.187	0.167	3	1.200	0.125	3	1.380	0.912
NH3_N	P610	mg/L	0.038	0.035	9	0.041	0.042	9	0.018	0.011	9	0.030	0.041	12	0.157	0.010U
NO2_DIS	P613	mg/L	0.016	0.014	5	0.010	0.001	6	0.010	0.000	6	0.009	0.002	9	0.041	0.003
NO2_NO3	P630	mg/L	0.809	0.105	9	0.848	0.183	9	0.807	0.163	9	0.891	0.181	12	1.170	0.540
TP_P	P665	mg/L	0.066	0.043	9	0.047	0.031	9	0.037	0.015	8	0.031	0.012	12	0.168	0.003
OP_DIS	P671	mg/L	0.032	0.031	8	0.026	0.016	9	0.019	0.003	8	0.018	0.008	12	0.108	0.007
HG	P71900	ug/L	0.058	0.031	3	0.040	0.000	3	0.160	0.208	3	0.028	0.018	4	0.400	0.001K
TURB	P82079	NTU	6.025	6.123	8	2.278	0.614	9	1.978	0.533	9	0.900	0.263	12	17.000	0.500
HARD	P900	mg/L	26.500	16.263	2	26.667	3.215	3	33.333	4.041	3	43.400	4.393	5	51.000	15.000
COND	P95	umhos	80.889	23.019	9	71.889	9.034	9	89.889	14.102	9	111.250	8.203	12	126.000	53.000

Summary statistics should be used with caution because variables may not be normally distributed. Values at the detection limit were replaced with 1/2 the detection limit.

REPORT CREATION DATE: 96/09/27

QUARTERLY DATA SUMMARY--SIX YEAR AVERAGE

Station Number: 24B090 Name: WILLAPA R NR WILLAPA

Class: A Elevation: 50 River Mile: 17.70

Location:
LOCATED AT THE BRIDGE ON BULLARD ROAD ABOUT ONE MILE NORTH OF STATE HIGHWAY 6 EAST OF RAYMOND

Water Years Sampled:

5	6						7								8										9						
9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6
							X	X		X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X		

VARIABLE	P-CODE	UNITS	---OCTOBER-DECEMBER---			-----JANUARY-MARCH----			------APRIL-JUNE------			----JULY-SEPTEMBER----			-----SIX YEAR------	
			MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MAX	MIN
TEMP	P10	C	7.800	2.414	9	7.267	2.267	12	14.142	3.795	12	17.680	3.295	10	24.000	2.400
PRESS	P25	mmHg	763.467	6.952	9	764.417	7.606	12	764.258	3.947	12	764.790	6.222	10	774.200	752.600
OXYGEN	P300	mg/L	11.467	0.841	9	11.745	0.342	11	10.542	1.119	12	9.490	0.647	10	12.700	8.300
PCTSAT	P301	%	94.111	5.167	9	96.836	4.115	11	100.783	5.962	12	98.120	8.264	10	114.200	83.200
FC	P31616	#/100ml	401.750	603.894	8	55.000	98.907	11	148.545	75.796	11	351.000	339.851	10	1600.000	1.000K
PH	P400	units	7.189	0.382	9	7.175	0.382	12	7.333	0.267	12	7.490	0.208	10	7.900	6.500
SUSSOL	P530	mg/L	69.889	131.242	9	10.364	14.521	11	6.667	9.099	12	7.100	5.238	10	403.000	2.000
FLOW	P60	CFS	1456.111	2025.323	9	986.583	940.425	12	263.417	192.598	12	40.300	17.030	10	6500.000	18.000
TPN	P600	mg/L	1.167	0.549	3	0.902	0.022	3	0.558	0.051	3	0.453	0.019	3	1.616	0.438
NH3_N	P610	mg/L	0.015	0.007	9	0.018	0.011	12	0.016	0.006	12	0.021	0.009	10	0.040	0.010U
NO2_DIS	P613	mg/L	0.010	0.000	6	0.010	0.000	9	0.010	0.000	9	0.010	0.000	7	0.010	0.010K
NO2_N	P615	mg/L	0.010	0.000	2	0.010	0.000	3	0.010	0.000	3	0.010	0.000	3	0.010	0.010K
NH3_UN	P619	mg/L	0.000	0.000	13	0.000	0.000	13	0.000	0.000	10	0.000	0.000	9	0.001	0.000
NO3_N	P620	mg/L	0.817	0.290	3	0.690	0.082	3	0.325	0.106	2	0.223	0.021	3	1.100	0.200
NO2_NO3	P630	mg/L	0.912	0.337	9	0.845	0.183	12	0.385	0.142	12	0.261	0.040	10	1.260	0.208
TP_P	P665	mg/L	0.062	0.066	9	0.033	0.033	12	0.018	0.011	12	0.023	0.008	10	0.214	0.010U
OP_DIS	P671	mg/L	0.008	0.003	9	0.009	0.002	12	0.009	0.002	12	0.009	0.002	10	0.011	0.005U
COLOR	P80	Pt-Co	52.667	30.436	3	19.667	2.309	3	25.000	0.000	2	47.667	33.858	3	87.000	17.000
TURB	P82079	NTU	23.522	42.907	9	5.591	6.691	11	1.683	0.827	12	2.050	0.433	10	130.000	0.800
COND	P95	umhos	65.222	9.641	9	59.167	6.860	12	68.750	14.245	12	79.500	12.039	10	112.000	46.000

Summary statistics should be used with caution because variables may not be normally distributed. Values at the detection limit were replaced with 1/2 the detection limit.

QUARTERLY DATA SUMMARY--SIX YEAR AVERAGE

Station Number: 24F070 Name: NASELLE R NR NASELLE Class: A Elevation: 75 River Mile: 17.40

Location:
LOCATED APPROXIMATELY TWO MILES UP THE SOUTH VALLEY ROAD TO SECONDARY ROAD BRIDGE ON LEFT

Water Years Sampled:

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5 6                7                   8                   9
9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6
              X X   X X     X     X X X X X                     X     X X
```

VARIABLE	P-CODE	UNITS	---OCTOBER-DECEMBER---			-----JANUARY-MARCH----			------APRIL-JUNE------			----JULY-SEPTEMBER----			-----SIX YEAR------	
			MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MAX	MIN
TEMP	P10	C	7.833	2.615	6	7.650	2.515	6	14.650	4.481	6	15.933	2.761	6	21.200	4.500
PRESS	P25	mmHg	761.650	5.802	6	757.583	14.193	6	760.783	4.550	6	763.417	6.925	6	772.400	732.800
OXYGEN	P300	mg/L	11.767	0.774	6	12.067	0.528	6	10.617	0.813	6	10.100	0.502	6	12.900	9.300
PCTSAT	P301	%	95.967	5.343	6	100.350	2.987	6	103.200	2.911	6	100.917	5.197	6	106.800	85.600
FC	P31616	#/100ml	242.000	355.119	6	30.667	58.627	6	18.833	14.878	6	586.500	954.521	6	2400.000	1.000
PH	P400	units	7.067	0.163	6	7.150	0.259	6	7.567	0.082	6	7.817	0.248	6	8.200	6.800
SUSSOL	P530	mg/L	110.000	207.524	6	31.500	70.803	6	2.667	2.251	6	9.167	16.606	6	529.000	1.000K
FLOW	P60	CFS	1635.833	2297.038	6	759.500	996.854	6	155.333	130.518	6	93.500	131.664	6	6230.000	25.000
TPN	P600	mg/L	0.996	0.058	3	0.527	0.045	2	0.354	0.034	3	0.351	0.305	3	1.060	0.118
NH3_N	P610	mg/L	0.015	0.010	6	0.012	0.004	5	0.015	0.007	6	0.022	0.019	6	0.059	0.010U
NO2_DIS	P613	mg/L	0.010	0.000	3	0.010	0.000	3	0.010	0.000	3	0.010	0.000	3	0.010	0.010K
NO2_NO3	P630	mg/L	0.639	0.184	6	0.476	0.124	5	0.232	0.095	6	0.126	0.126	6	0.843	0.024
TP_P	P665	mg/L	0.088	0.123	6	0.033	0.051	5	0.012	0.003	6	0.027	0.039	6	0.334	0.010U
OP_DIS	P671	mg/L	0.008	0.003	6	0.009	0.002	6	0.008	0.003	6	0.008	0.003	6	0.012	0.005U
TURB	P82079	NTU	53.000	102.352	6	5.900	9.867	6	0.883	0.621	6	4.967	7.302	6	260.000	0.300
COND	P95	umhos	51.667	8.165	6	53.167	10.944	6	56.000	5.099	6	61.167	4.215	6	75.000	38.000

Summary statistics should be used with caution because variables may not be normally distributed. Values at the detection limit were replaced with 1/2 the detection limit.

REPORT CREATION DATE: 96/09/27

QUARTERLY DATA SUMMARY--SIX YEAR AVERAGE

Station Number: 26B070 Name: COWLITZ R @ KELSO Class: A Elevation: 5 River Mile: 4.90

Location:
LOCATED IN KELSO AT THE ALLEN (MAIN) STREET BRIDGE CROSSING THE COWLITZ

Water Years Sampled:

5	6						7								8									9						
9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6
		X	X	X	X	X	X						X	X		X			X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X

VARIABLE	P-CODE	UNITS	---OCTOBER-DECEMBER---			-----JANUARY-MARCH----			------APRIL-JUNE------			----JULY-SEPTEMBER----			-----SIX YEAR------	
			MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MAX	MIN
TEMP	P10	C	7.917	2.215	18	6.689	1.598	18	11.578	2.782	18	14.244	2.111	18	19.000	2.600
CR	P1118	ug/L	0.000	0.000	0	5.000	0.000	2	0.000	0.000	0	5.000	0.000	2	5.000	5.000U
PRESS	P25	mmHg	764.467	11.035	18	766.422	6.817	18	766.461	9.020	18	766.261	4.259	18	795.000	724.400
OXYGEN	P300	mg/L	11.378	0.867	18	11.659	0.593	17	10.844	0.570	18	10.133	0.316	18	13.200	9.100
PCTSAT	P301	%	95.072	8.145	18	94.712	5.075	17	98.150	3.428	18	97.394	3.198	18	108.800	76.100
FC	P31616	#/100ml	53.000	72.734	15	32.722	77.221	18	18.389	15.845	18	21.222	13.149	18	330.000	2.000
COD	P340	mg/L	9.667	4.041	3	10.667	4.726	3	10.667	1.528	3	5.000	1.414	2	16.000	4.000
PH	P400	units	7.478	0.356	18	7.256	0.362	18	7.467	0.502	18	7.528	0.193	18	8.500	6.400
SUSSOL	P530	mg/L	99.438	195.452	16	49.611	52.819	18	35.722	38.020	18	9.256	9.079	18	794.000	3.000
FLOW	P60	CFS	9638.750	8744.286	16	10473.125	5542.885	16	7737.857	2672.067	14	3433.333	543.697	12	32600.000	950.000
TPN	P600	mg/L	0.192	0.138	4	0.315	0.049	6	0.166	0.064	6	0.136	0.071	6	0.408	0.085
NH3_N	P610	mg/L	0.017	0.009	16	0.021	0.012	18	0.018	0.015	18	0.012	0.004	18	0.069	0.010U
NO2_DIS	P613	mg/L	0.009	0.002	11	0.010	0.000	12	0.010	0.000	12	0.009	0.002	12	0.010	0.003
NO2_N	P615	mg/L	0.010	0.000	2	0.010	0.000	3	0.010	0.000	3	0.010	0.000	3	0.010	0.010K
NH3_UN	P619	mg/L	0.000	0.000	13	0.000	0.000	13	0.000	0.000	10	0.000	0.000	9	0.000	0.000
NO3_N	P620	mg/L	0.163	0.012	3	0.290	0.020	3	0.080	0.014	2	0.030	0.010	3	0.310	0.020
NO2_NO3	P630	mg/L	0.195	0.158	16	0.262	0.125	18	0.106	0.058	18	0.044	0.012	18	0.627	0.025J
TP_P	P665	mg/L	0.046	0.046	16	0.058	0.076	18	0.029	0.021	18	0.013	0.007	18	0.339	0.007
OP_DIS	P671	mg/L	0.010	0.002	15	0.010	0.003	18	0.009	0.002	17	0.009	0.002	18	0.019	0.004
HG	P71900	ug/L	0.000	0.000	0	0.000	0.000	0	0.000	0.000	0	0.001	0.000	2	0.001	0.001P
COLOR	P80	Pt-Co	47.333	21.502	3	36.333	10.599	3	14.333	12.220	3	36.333	13.429	3	71.000	1.000
TURB	P82079	NTU	21.613	34.829	15	18.072	11.331	18	9.583	8.492	18	2.500	1.120	18	130.000	1.500
HARD	P900	mg/L	0.000	0.000	0	30.500	0.707	2	0.000	0.000	0	33.000	1.414	2	8.700	8.700P
COND	P95	umhos	95.167	19.425	18	87.833	12.862	18	100.389	19.551	18	124.389	16.905	18	171.000	60.000

Summary statistics should be used with caution because variables may not be normally distributed. Values at the detection limit were replaced with 1/2 the detection limit.

QUARTERLY DATA SUMMARY--SIX YEAR AVERAGE

Station Number: 27B070 Name: KALAMA R NR KALAMA Class: A Elevation: 40 River Mile: 2.80

Location:
LOCATED ON THE KALAMA RIVER 2.3 MILES NE OF KALAMA ON KALAMA RIVER ROAD

Water Years Sampled:

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5 6                 7                   8                   9
9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6
  X X X X X X X X X X   X X     X X     X X X X X X X X X X X X X     X X
```

VARIABLE	P-CODE	UNITS	---OCTOBER-DECEMBER---			-----JANUARY-MARCH----			------APRIL-JUNE------			----JULY-SEPTEMBER----			-----SIX YEAR------	
			MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MAX	MIN
TEMP	P10	C	7.375	1.880	12	6.642	1.591	12	12.600	3.377	12	14.992	2.308	12	19.400	3.400
PRESS	P25	mmHg	766.442	4.990	12	763.883	6.757	12	762.850	5.555	12	764.075	3.672	12	774.700	748.500
OXYGEN	P300	mg/L	12.375	0.934	12	12.500	0.310	11	11.475	0.899	12	10.458	0.337	12	14.000	9.500
PCTSAT	P301	%	101.550	5.090	12	102.064	2.150	11	106.542	4.636	12	102.383	3.646	12	114.100	95.100
FC	P31616	#/100ml	33.222	51.999	9	6.833	7.383	12	9.833	7.043	12	25.333	23.511	12	170.000	1.000
COD	P340	mg/L	11.000	8.185	3	8.333	3.215	3	7.000	1.732	3	54.000	67.882	2	102.000	4.000K
PH	P400	units	7.575	0.280	12	7.300	0.501	12	7.558	0.520	12	7.783	0.361	12	8.700	6.400
SUSSOL	P530	mg/L	8.900	8.672	10	14.083	28.344	12	4.000	1.537	12	2.417	0.900	12	97.000	1.000K
FLOW	P60	CFS	876.667	254.231	3	2233.333	1709.776	3	837.500	493.854	4	186.667	23.094	3	4700.000	160.000
TPN	P600	mg/L	0.000	0.000	0	0.339	0.041	3	0.213	0.033	3	0.164	0.055	3	0.386	0.101
NH3_N	P610	mg/L	0.016	0.009	10	0.011	0.003	12	0.013	0.005	12	0.021	0.015	12	0.059	0.010U
NO2_DIS	P613	mg/L	0.009	0.002	8	0.010	0.000	9	0.010	0.000	9	0.009	0.003	9	0.010	0.002K
NO2_N	P615	mg/L	0.010	0.000	2	0.010	0.000	3	0.010	0.000	3	0.010	0.000	3	0.010	0.010K
NH3_UN	P619	mg/L	0.000	0.000	13	0.000	0.000	13	0.000	0.000	10	0.000	0.001	9	0.002	0.000
NO3_N	P620	mg/L	0.247	0.059	3	0.220	0.157	3	0.075	0.007	2	0.023	0.006	3	0.330	0.020
NO2_NO3	P630	mg/L	0.316	0.145	10	0.373	0.185	12	0.108	0.057	12	0.043	0.017	12	0.890	0.017
TP_P	P665	mg/L	0.021	0.009	10	0.027	0.022	11	0.015	0.006	12	0.051	0.119	12	0.430	0.010U
OP_DIS	P671	mg/L	0.011	0.004	9	0.009	0.002	11	0.009	0.002	12	0.029	0.067	12	0.240	0.005U
COLOR	P80	Pt-Co	18.000	13.229	3	15.333	8.737	3	5.667	4.041	3	31.000	8.888	3	38.000	1.000
TURB	P82079	NTU	2.389	1.595	9	4.433	6.288	12	1.208	0.535	12	1.125	0.333	12	22.000	0.500
HARD	P900	mg/L	0.000	0.000	0	0.000	0.000	0	0.000	0.000	0	0.000	0.000	0	0.000	0.000
COND	P95	umhos	48.250	8.561	12	44.000	6.075	12	48.083	6.473	12	70.083	12.398	12	0.000	0.000

Summary statistics should be used with caution because variables may not be normally distributed. Values at the detection limit were replaced with 1/2 the detection limit.

REPORT CREATION DATE: 96/09/27

QUARTERLY DATA SUMMARY--SIX YEAR AVERAGE

Station Number: 27D090 Name: EF LEWIS R NR DOLLAR CORNER Class: A Elevation: 68 River Mile: 10.20

Location:
LOCATED AT THE LEWIS RIVER BOTTOM ROAD BRIDGE, APPROXIMATELY THREE MILES NORTHWEST OF BATTLE GROUND, AND APPROXIMATELY 2.75 MILES NORTH AND EAST OF DOLLAR CORNER PAST KING CORNER, .6 MILE ABOVE MILL CREEK AT DAYBREAK

Water Years Sampled:

5	6						7										8										9					
9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6
																												X	X	X	X	X	X	X	X	X	X

VARIABLE	P-CODE	UNITS	---OCTOBER-DECEMBER---			-----JANUARY-MARCH----			------APRIL-JUNE------			----JULY-SEPTEMBER----			-----SIX YEAR------	
			MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MAX	MIN
TEMP	P10	C	7.117	2.101	12	6.967	1.836	12	13.617	4.429	12	17.325	2.824	12	22.000	3.200
PRESS	P25	mmHg	764.758	4.798	12	763.100	7.101	12	761.925	5.580	12	763.483	2.910	12	771.100	747.500
OXYGEN	P300	mg/L	12.342	0.849	12	12.309	0.365	11	10.783	0.956	12	9.975	0.400	12	13.800	9.000
PCTSAT	P301	%	100.858	4.433	12	101.470	2.250	10	102.200	2.297	12	102.550	4.801	12	111.600	94.800
FC	P31616	#/100ml	30.727	40.775	11	13.667	26.335	12	13.583	12.147	12	72.750	197.716	12	700.000	1.000U
PH	P400	units	7.600	0.441	12	7.533	0.525	12	7.558	0.538	12	7.708	0.250	12	8.600	6.600
SUSSOL	P530	mg/L	3.667	2.146	12	4.750	5.259	12	2.417	0.996	12	4.500	10.300	12	37.000	1.000U
FLOW	P60	CFS	964.300	816.975	10	1455.182	1511.478	11	370.182	213.260	11	127.900	199.806	10	5380.000	35.000
TPN	P600	mg/L	0.554	0.141	3	0.401	0.093	3	0.246	0.039	3	0.263	0.065	3	0.671	0.197
NH3_N	P610	mg/L	0.011	0.003	12	0.011	0.002	12	0.011	0.003	12	0.015	0.009	12	0.040	0.010U
NO2_DIS	P613	mg/L	0.009	0.002	8	0.010	0.000	9	0.010	0.000	9	0.009	0.002	9	0.010	0.004
NO2_N	P615	mg/L	0.010	0.000	2	0.010	0.000	3	0.010	0.000	3	0.010	0.000	3	0.010	0.010K
NH3_UN	P619	mg/L	0.000	0.000	13	0.000	0.000	13	0.000	0.000	10	0.000	0.000	9	0.001	0.000
NO3_N	P620	mg/L	0.427	0.068	3	0.317	0.064	3	0.140	0.028	2	0.067	0.015	3	0.480	0.050
NO2_NO3	P630	mg/L	0.516	0.093	12	0.380	0.118	12	0.196	0.055	12	0.119	0.050	12	0.720	0.059
TP_P	P665	mg/L	0.012	0.005	12	0.017	0.013	11	0.010	0.000	12	0.012	0.008	12	0.050	0.002
OP_DIS	P671	mg/L	0.008	0.003	11	0.009	0.002	12	0.009	0.002	12	0.009	0.002	12	0.010	0.001
COLOR	P80	Pt-Co	22.333	17.616	3	9.667	2.887	3	12.000	10.149	3	28.000	8.888	3	42.000	1.000
TURB	P82079	NTU	1.773	1.073	11	1.800	1.228	12	1.075	0.393	12	2.358	4.338	12	16.000	0.400
COND	P95	umhos	40.833	11.999	12	37.667	8.856	12	39.500	6.802	12	66.417	13.076	12	95.000	28.000

Summary statistics should be used with caution because variables may not be normally distributed. Values at the detection limit were replaced with 1/2 the detection limit.

REPORT CREATION DATE: 96/09/27

QUARTERLY DATA SUMMARY--SIX YEAR AVERAGE

Station Number: 27E070 Name: CEDAR CR NR ETNA Class: A Elevation: 35 River Mile: 0.05

Location:
BRIDGE ON ETNA ROAD NE (FORMERLY CO ROAD 20)

Water Years Sampled:
5 6 7 8 9
9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6
X

VARIABLE	P-CODE	UNITS	---OCTOBER-DECEMBER---			-----JANUARY-MARCH----			------APRIL-JUNE------			----JULY-SEPTEMBER----			-----SIX YEAR------	
			MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MAX	MIN
TEMP	P10	C	7.767	1.419	3	7.467	1.721	3	15.367	4.007	3	17.867	1.185	3	19.500	6.100
PRESS	P25	mmHg	763.533	5.987	3	760.400	5.881	3	757.933	4.148	3	768.067	1.779	3	770.100	754.400
OXYGEN	P300	mg/L	11.967	0.551	3	12.033	0.503	3	10.200	0.656	3	9.667	0.058	3	12.500	9.500
PCTSAT	P301	%	99.600	0.529	3	99.867	0.252	3	101.233	1.589	3	99.967	2.003	3	102.200	97.700
FC	P31616	#/100ml	57.667	71.347	3	7.333	9.292	3	16.667	8.505	3	120.667	86.031	3	180.000	1.000
PH	P400	units	7.067	0.252	3	7.233	0.153	3	7.500	0.100	3	7.200	0.600	3	7.800	6.600
SUSSOL	P530	mg/L	16.667	18.717	3	2.667	0.577	3	3.000	1.000	3	2.333	1.155	3	38.000	1.000
FLOW	P60	CFS	506.333	753.817	3	200.000	65.574	3	23.000	6.083	3	15.333	8.386	3	1375.000	10.000
TPN	P600	mg/L	0.986	0.492	3	0.923	0.037	3	0.655	0.025	3	0.529	0.022	3	1.360	0.428
NH3_N	P610	mg/L	0.010	0.000	3	0.010	0.000	3	0.013	0.002	3	0.032	0.010	3	0.043	0.010U
NO2_NO3	P630	mg/L	0.762	0.346	3	0.816	0.093	3	0.525	0.061	3	0.341	0.023	3	1.010	0.321
TP_P	P665	mg/L	0.024	0.012	3	0.011	0.002	3	0.015	0.007	3	0.014	0.003	3	0.035	0.010U
OP_DIS	P671	mg/L	0.005	0.000	3	0.006	0.002	3	0.005	0.001	3	0.007	0.003	3	0.011	0.005U
TURB	P82079	NTU	6.333	6.807	3	2.000	0.000	3	1.733	0.416	3	1.467	0.896	3	14.000	0.900
COND	P95	umhos	54.000	27.731	3	40.333	2.887	3	52.000	7.211	3	79.667	10.214	3	87.000	37.000

Summary statistics should be used with caution because variables may not be normally distributed. Values at the detection limit were replaced with 1/2 the detection limit.

REPORT CREATION DATE: 96/09/27

QUARTERLY DATA SUMMARY--SIX YEAR AVERAGE

Station Number: 27F070 Name: GEE CR @ RIDGEFIELD Class: A Elevation: 30 River Mile: 4.30

Location:
ON FOOTBRIDGE IN ABRAMS PARK, RIDGEFIELD

Water Years Sampled:
5 6 7 8 9
9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6
X

VARIABLE	P-CODE	UNITS	---OCTOBER-DECEMBER---			-----JANUARY-MARCH----			------APRIL-JUNE------			----JULY-SEPTEMBER----			-----SIX YEAR------	
			MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MAX	MIN
TEMP	P10	C	7.233	1.930	3	7.000	2.358	3	15.933	3.253	3	16.533	0.874	3	19.100	5.000
PRESS	P25	mmHg	764.367	6.469	3	762.867	6.568	3	760.900	4.557	3	769.033	4.700	3	773.700	755.700
OXYGEN	P300	mg/L	11.833	0.351	3	12.800	0.721	3	10.300	0.721	3	9.433	0.473	3	13.600	8.900
PCTSAT	P301	%	97.233	2.743	3	105.033	11.511	3	103.100	1.353	3	94.900	5.943	3	118.300	88.100
FC	P31616	#/100ml	168.667	148.652	3	59.333	23.288	3	174.667	113.072	3	346.667	203.060	3	580.000	43.000
PH	P400	units	7.467	0.115	3	7.700	0.529	3	7.567	0.058	3	7.467	0.208	3	8.300	7.300
SUSSOL	P530	mg/L	7.333	6.110	3	3.000	0.000	3	4.000	1.000	3	8.000	2.646	3	14.000	2.000
FLOW	P60	CFS	26.667	24.583	3	16.333	4.726	3	3.900	3.291	3	1.600	1.277	3	50.000	0.500
TPN	P600	mg/L	2.005	1.110	3	1.530	0.947	3	1.427	0.300	3	0.788	0.132	3	2.790	0.460
NH3_N	P610	mg/L	0.022	0.021	3	0.021	0.018	3	0.023	0.009	3	0.035	0.019	3	0.056	0.010U
NO2_NO3	P630	mg/L	1.566	0.918	3	1.793	0.379	3	1.072	0.301	3	0.417	0.056	3	2.160	0.364
TP_P	P665	mg/L	0.155	0.028	3	0.096	0.032	3	0.215	0.019	3	0.248	0.053	3	0.308	0.061
OP_DIS	P671	mg/L	0.081	0.021	3	0.049	0.009	3	0.105	0.026	3	0.158	0.012	3	0.171	0.039
TURB	P82079	NTU	8.533	3.607	3	5.767	0.945	3	5.200	1.127	3	6.067	3.420	3	12.000	3.800
COND	P95	umhos	132.333	44.433	3	114.667	5.774	3	151.667	16.289	3	186.333	12.583	3	198.000	100.000

Summary statistics should be used with caution because variables may not be normally distributed. Values at the detection limit were replaced with 1/2 the detection limit.

REPORT CREATION DATE: 96/09/27

QUARTERLY DATA SUMMARY--SIX YEAR AVERAGE

Station Number: 28B110 Name: WASHOUGAL R BLW CANYON CK Class: A Elevation: 310 River Mile: 13.40

Location:
CANYON CREEK ROAD BRIDGE

Water Years Sampled:
5 6 7 8 9
9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6
X

VARIABLE	P-CODE	UNITS	---OCTOBER-DECEMBER---			-----JANUARY-MARCH----			------APRIL-JUNE------			----JULY-SEPTEMBER----			-----SIX YEAR------	
			MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MAX	MIN
TEMP	P10	C	6.733	1.955	3	5.400	1.229	3	12.433	3.424	3	14.967	1.504	3	16.700	4.500
PRESS	P25	mmHg	757.200	5.367	3	755.333	7.150	3	753.967	5.263	3	761.233	5.619	3	767.100	747.300
OXYGEN	P300	mg/L	12.500	0.721	3	12.633	0.379	3	11.067	0.802	3	10.000	0.361	3	13.100	9.700
PCTSAT	P301	%	102.267	0.551	3	100.333	1.069	3	103.667	0.751	3	98.267	2.139	3	104.400	95.800
FC	P31616	#/100ml	19.000	17.088	3	9.333	6.658	3	9.333	9.292	3	529.000	532.112	3	1100.000	1.000
PH	P400	units	7.400	0.361	3	7.633	0.115	3	7.800	0.200	3	7.400	0.361	3	8.000	7.100
SUSSOL	P530	mg/L	4.667	4.726	3	1.000	0.000	3	1.667	0.577	3	8.333	9.292	3	19.000	1.000U
TPN	P600	mg/L	0.413	0.081	3	0.306	0.045	3	0.242	0.091	3	0.461	0.276	3	0.778	0.137
NH3_N	P610	mg/L	0.010	0.000	3	0.010	0.000	3	0.013	0.004	3	0.021	0.011	3	0.031	0.010U
NO2_NO3	P630	mg/L	0.328	0.061	3	0.264	0.055	3	0.153	0.044	3	0.285	0.169	3	0.476	0.103
TP_P	P665	mg/L	0.017	0.009	3	0.013	0.005	3	0.011	0.002	3	0.021	0.014	3	0.037	0.010U
OP_DIS	P671	mg/L	0.006	0.002	3	0.006	0.002	3	0.005	0.000	3	0.009	0.004	3	0.013	0.005U
TURB	P82079	NTU	2.300	2.443	3	0.633	0.115	3	0.700	0.100	3	3.633	4.827	3	9.200	0.500
COND	P95	umhos	24.667	5.686	3	23.333	1.528	3	26.333	2.082	3	34.333	1.528	3	36.000	20.000

Summary statistics should be used with caution because variables may not be normally distributed. Values at the detection limit were replaced with 1/2 the detection limit.

REPORT CREATION DATE: 96/09/27

QUARTERLY DATA SUMMARY--SIX YEAR AVERAGE

Station Number: 29B070 Name: WHITE SALMON R NR UNDERWOOD Class: A Elevation: 117 River Mile: 1.90

Location:
LOCATED ON THE COUNTY ROAD BRIDGE (NORTHWESTERN DAM ROAD), 1.1 MILES
NORTH OF STATE HIGHWAY 14 AT UNDERWOOD, APPROACH FROM WEST SIDE OF RIVER

Water Years Sampled:

5	6										7										8										9					
9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6
		X	X	X	X	X	X	X	X	X	X			X	X			X	X	X	X	X	X	X	X												X

VARIABLE	P-CODE	UNITS	---OCTOBER-DECEMBER---			-----JANUARY-MARCH----			------APRIL-JUNE------			----JULY-SEPTEMBER----			-----SIX YEAR------	
			MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MAX	MIN
TEMP	P10	C	5.533	1.762	3	5.500	1.127	3	9.667	1.234	3	11.000	1.044	3	11.700	3.900
PRESS	P25	mmHg	767.267	5.641	3	764.400	7.192	3	761.567	5.675	3	764.700	9.154	3	775.200	756.700
OXYGEN	P300	mg/L	12.267	1.007	3	12.467	0.321	3	11.167	0.404	3	10.900	0.173	3	13.200	10.700
PCTSAT	P301	%	96.033	3.365	3	98.067	0.764	3	97.533	1.484	3	97.800	3.205	3	101.100	92.200
FC	P31616	#/100ml	22.667	5.686	3	5.333	1.528	3	41.333	27.154	3	22.000	15.875	3	58.000	4.000
PH	P400	units	7.600	0.265	3	7.667	0.058	3	7.833	0.058	3	7.467	0.115	3	7.900	7.400
SUSSOL	P530	mg/L	3.667	2.887	3	1.333	0.577	3	1.000	0.000	3	1.667	0.577	3	7.000	1.000U
FLOW	P60	CFS	976.333	853.880	3	1660.000	363.456	3	1147.333	314.518	3	518.000	192.922	3	1970.000	303.000
TPN	P600	mg/L	0.176	0.037	3	0.237	0.012	3	0.161	0.010	3	0.209	0.019	3	0.245	0.139
NH3_N	P610	mg/L	0.010	0.000	3	0.010	0.000	3	0.010	0.000	3	0.026	0.017	3	0.044	0.010U
NO2_N	P615	mg/L	0.010	0.000	3	0.010	0.000	3	0.010	0.000	3	0.010	0.000	3	0.000	0.000
NH3_UN	P619	mg/L	0.000	0.000	3	0.000	0.000	3	0.000	0.001	3	0.000	0.000	3	0.000	0.000
NO3_N	P620	mg/L	0.073	0.045	3	0.103	0.023	3	0.087	0.029	3	0.077	0.006	3	0.000	0.000
NO2_NO3	P630	mg/L	0.115	0.027	3	0.196	0.008	3	0.113	0.027	3	0.130	0.005	3	0.204	0.096
TP_P	P665	mg/L	0.040	0.003	3	0.022	0.006	3	0.028	0.011	3	0.035	0.006	3	0.044	0.016
OP_DIS	P671	mg/L	0.022	0.006	3	0.020	0.004	3	0.019	0.003	3	0.025	0.003	3	0.028	0.015
COLOR	P80	Pt-Co	18.000	12.767	3	21.000	10.583	3	9.667	2.887	3	5.333	2.309	3	0.000	0.000
TURB	P82079	NTU	2.867	2.281	3	1.900	0.700	3	0.833	0.115	3	0.867	0.231	3	5.500	0.600
COND	P95	umhos	60.333	13.279	3	55.667	5.508	3	57.667	1.155	3	70.333	6.506	3	77.000	45.000

Summary statistics should be used with caution because variables may not be normally distributed. Values at the detection limit were replaced with 1/2 the detection limit.

REPORT CREATION DATE: 96/09/27

QUARTERLY DATA SUMMARY--SIX YEAR AVERAGE

Station Number: 29C070 Name: WIND R NR CARSON Class: A Elevation: 80 River Mile: 1.10

Location:
LOCATED .8 MILE DOWN INDIAN CABIN ROAD FROM BERGE ROAD, .7 MILE FROM HIGHWAY 14

Water Years Sampled:

5	6						7								8								9						
9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6
														X		X	X	X	X	X	X	X													X

VARIABLE	P-CODE	UNITS	---OCTOBER-DECEMBER---			-----JANUARY-MARCH----			------APRIL-JUNE------			----JULY-SEPTEMBER----			-----SIX YEAR------	
			MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MAX	MIN
TEMP	P10	C	6.567	1.861	3	5.300	0.954	3	11.100	2.862	3	13.867	1.626	3	15.300	4.600
PRESS	P25	mmHg	766.667	5.853	3	761.933	3.625	3	762.000	5.456	3	768.567	6.352	3	775.000	756.700
OXYGEN	P300	mg/L	12.767	1.079	3	12.733	0.289	3	11.000	0.458	3	10.333	0.451	3	14.000	9.900
PCTSAT	P301	%	102.633	3.326	3	100.000	0.361	3	99.100	1.637	3	98.200	3.504	3	106.400	94.800
FC	P31616	#/100ml	11.667	8.622	3	13.000	17.349	3	92.667	153.604	3	42.667	33.650	3	270.000	1.000U
PH	P400	units	7.567	0.208	3	7.600	0.100	3	7.633	0.153	3	7.567	0.208	3	7.800	7.400
SUSSOL	P530	mg/L	7.333	9.292	3	2.667	1.155	3	1.667	1.155	3	3.333	3.215	3	18.000	1.000U
FLOW	P60	CFS	630.000	425.793	3	0.000	0.000	0	0.000	0.000	0	0.000	0.000	0	0.000	0.000
TPN	P600	mg/L	0.076	0.018	3	0.084	0.011	3	0.074	0.043	3	0.143	0.063	3	0.206	0.031
NH3_N	P610	mg/L	0.010	0.000	3	0.010	0.000	3	0.014	0.006	3	0.014	0.007	3	0.022	0.010U
NO2_N	P615	mg/L	0.010	0.000	3	0.010	0.000	3	0.010	0.000	3	0.010	0.000	3	0.000	0.000
NH3_UN	P619	mg/L	0.000	0.000	3	0.000	0.000	3	0.000	0.000	3	0.000	0.000	3	0.000	0.000
NO3_N	P620	mg/L	0.027	0.029	3	0.030	0.017	3	0.010	0.000	3	0.017	0.012	3	0.000	0.000
NO2_NO3	P630	mg/L	0.046	0.016	3	0.043	0.026	3	0.025	0.013	3	0.047	0.028	3	0.075	0.010U
TP_P	P665	mg/L	0.042	0.002	3	0.030	0.006	3	0.047	0.016	3	0.053	0.011	3	0.066	0.027
OP_DIS	P671	mg/L	0.025	0.008	3	0.028	0.005	3	0.031	0.003	3	0.039	0.011	3	0.046	0.018
COLOR	P80	Pt-Co	19.333	14.572	3	14.333	2.309	3	7.000	5.196	3	4.000	0.000	3	0.000	0.000
TURB	P82079	NTU	5.767	5.774	3	3.133	1.060	3	1.700	0.346	3	3.033	3.700	3	12.000	0.600
COND	P95	umhos	49.667	13.204	3	42.333	3.055	3	53.333	2.887	3	64.000	6.000	3	70.000	38.000

Summary statistics should be used with caution because variables may not be normally distributed. Values at the detection limit were replaced with 1/2 the detection limit.

REPORT CREATION DATE: 96/09/27

QUARTERLY DATA SUMMARY--SIX YEAR AVERAGE

Station Number: 29D070 Name: RATTLESNAKE CR NR MOUTH Class: A Elevation: 385 River Mile: 0.05

Location:
HIGWAY 141 BRIDGE

Water Years Sampled:
5 6 7 8 9
9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6
X X

VARIABLE	P-CODE	UNITS	---OCTOBER-DECEMBER---			-----JANUARY-MARCH----			------APRIL-JUNE------			----JULY-SEPTEMBER----			-----SIX YEAR------	
			MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MAX	MIN
TEMP	P10	C	4.667	1.210	3	3.567	1.079	3	11.667	3.356	3	14.933	2.593	3	17.900	2.800
PRESS	P25	mmHg	759.033	5.802	3	759.800	5.881	3	754.800	5.444	3	760.500	7.760	3	768.900	750.800
OXYGEN	P300	mg/L	12.533	0.702	3	13.133	0.702	3	10.800	0.954	3	9.233	0.321	3	13.800	9.000
PCTSAT	P301	%	97.200	2.787	3	98.833	2.354	3	99.300	1.967	3	90.800	3.800	3	101.100	87.600
FC	P31616	#/100ml	19.000	13.000	3	17.000	5.568	3	41.000	26.230	3	199.000	312.725	3	560.000	6.000
PH	P400	units	7.767	0.208	3	7.833	0.252	3	7.700	0.173	3	7.600	0.100	3	8.100	7.500
SUSSOL	P530	mg/L	5.667	5.508	3	2.333	1.528	3	2.000	1.000	3	2.333	0.577	3	12.000	1.000
FLOW	P60	CFS	274.933	472.044	3	198.000	98.321	3	16.167	8.372	3	4.100	0.656	3	820.000	1.000
TPN	P600	mg/L	0.120	0.059	3	0.129	0.072	3	0.106	0.050	3	0.223	0.032	3	0.250	0.055
NH3_N	P610	mg/L	0.010	0.000	3	0.014	0.007	3	0.010	0.000	3	0.027	0.015	3	0.040	0.010U
NO2_NO3	P630	mg/L	0.056	0.042	3	0.060	0.046	3	0.020	0.017	3	0.096	0.057	3	0.152	0.010U
TP_P	P665	mg/L	0.045	0.029	3	0.020	0.010	3	0.032	0.010	3	0.058	0.008	3	0.079	0.011
OP_DIS	P671	mg/L	0.027	0.022	3	0.016	0.005	3	0.020	0.006	3	0.037	0.006	3	0.052	0.010
TURB	P82079	NTU	5.033	3.150	3	4.967	1.168	3	1.600	0.624	3	0.767	0.153	3	8.200	0.600
COND	P95	umhos	117.333	76.944	3	63.667	2.517	3	97.667	13.013	3	154.000	18.520	3	205.000	61.000

Summary statistics should be used with caution because variables may not be normally distributed. Values at the detection limit were replaced with 1/2 the detection limit.

REPORT CREATION DATE: 96/09/27

QUARTERLY DATA SUMMARY--SIX YEAR AVERAGE

Station Number: 29E070 Name: GILMER CR NR MOUTH Class: A Elevation: 1090 River Mile: 1.50

Location:
UPSTREAM SIDE OF FIRST CULVERT ON GLENWOOD ROAD

Water Years Sampled:
5 6 7 8 9
9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6
X X

VARIABLE	P-CODE	UNITS	---OCTOBER-DECEMBER---			-----JANUARY-MARCH----			------APRIL-JUNE------			----JULY-SEPTEMBER----			-----SIX YEAR------	
			MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MAX	MIN
TEMP	P10	C	4.733	0.808	3	3.667	0.702	3	9.467	2.055	3	11.133	1.250	3	12.000	3.000
PRESS	P25	mmHg	739.400	5.429	3	739.400	6.056	3	736.100	5.039	3	749.033	7.029	3	756.400	732.800
OXYGEN	P300	mg/L	11.400	1.587	3	12.533	0.289	3	10.933	0.681	3	10.600	0.361	3	12.700	9.600
PCTSAT	P301	%	91.000	12.474	3	97.300	1.735	3	98.267	1.582	3	97.433	3.293	3	101.200	76.600
FC	P31616	#/100ml	117.333	71.598	3	48.667	20.404	3	113.667	104.548	3	486.333	385.811	3	830.000	11.000
PH	P400	units	7.500	0.265	3	7.867	0.404	3	7.533	0.058	3	7.433	0.351	3	8.300	7.100
SUSSOL	P530	mg/L	29.333	38.889	3	4.333	2.517	3	5.000	4.359	3	14.333	19.655	3	74.000	2.000
FLOW	P60	CFS	71.800	119.703	3	48.500	35.843	3	3.700	2.551	3	2.900	2.512	3	210.000	0.600
TPN	P600	mg/L	3.020	1.871	3	1.498	0.950	3	2.377	0.811	3	4.147	1.079	3	5.380	0.404
NH3_N	P610	mg/L	0.035	0.044	3	0.010	0.000	3	0.012	0.003	3	0.014	0.006	3	0.086	0.010U
NO2_NO3	P630	mg/L	2.757	2.054	3	1.870	0.040	3	2.243	0.814	3	4.047	1.113	3	5.310	1.220
TP_P	P665	mg/L	0.043	0.014	3	0.021	0.010	3	0.024	0.013	3	0.042	0.016	3	0.060	0.010U
OP_DIS	P671	mg/L	0.015	0.006	3	0.015	0.006	3	0.011	0.007	3	0.018	0.005	3	0.023	0.006
TURB	P82079	NTU	16.833	17.696	3	5.200	1.900	3	4.000	2.816	3	6.000	7.795	3	37.000	1.400
COND	P95	umhos	110.333	36.226	3	85.000	3.606	3	99.000	26.665	3	122.000	23.065	3	150.000	69.000

Summary statistics should be used with caution because variables may not be normally distributed. Values at the detection limit were replaced with 1/2 the detection limit.

QUARTERLY DATA SUMMARY--SIX YEAR AVERAGE

Station Number: 30A070   Name: COLUMBIA R @ THE DALLES   Class: A   Elevation: 85   River Mile: 189.30

Location:
LOCATED JUST DOWNSTREAM FROM THE DALLES DAM AT THE DALLES, 100 YARDS DUE SOUTH OF THE TRAFFIC LIGHT BELOW THE BRIDGE, DIRECTLY ACROSS THE RIVER FROM THE BOAT MARINA MIDCHANNEL SOUTHEAST OF BLACK CAN BUOY NUMBER 3

Water Years Sampled:

```
5 6                 7                   8                   9
9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6
                  X X   X X X X X X X X                                 X
```

VARIABLE	P-CODE	UNITS	OCTOBER-DECEMBER MEAN	STD. DEV.	N	JANUARY-MARCH MEAN	STD. DEV.	N	APRIL-JUNE MEAN	STD. DEV.	N	JULY-SEPTEMBER MEAN	STD. DEV.	N	SIX YEAR MAX	MIN
TEMP	P10	C	8.267	8.529	3	5.067	1.115	3	11.933	3.470	3	19.733	0.896	3	20.300	2.100
CR	P1118	ug/L	0.000	0.000	0	5.000	0.000	2	0.000	0.000	0	0.000	0.000	0	5.000	1.130
PRESS	P25	mmHg	766.200	2.944	3	763.100	8.586	3	763.867	3.925	3	770.400	3.300	3	773.700	756.900
OXYGEN	P300	mg/L	10.567	1.474	3	12.500	0.436	3	11.233	0.987	3	8.767	0.153	3	12.800	8.600
PCTSAT	P301	%	87.433	7.068	3	97.500	4.314	3	102.700	3.780	3	93.767	1.201	3	107.000	79.400
FC	P31616	#/100ml	1.000	0.000	3	1.500	0.707	2	3.333	2.082	3	122.333	205.826	3	360.000	1.000U
PH	P400	units	8.067	0.231	3	8.033	0.153	3	7.933	0.603	3	8.000	0.300	3	8.500	7.300
SUSSOL	P530	mg/L	3.000	0.000	2	6.000	3.606	3	10.333	3.055	3	88.667	137.129	3	247.000	2.000
FLOW	P60	CFS	105400.000	39043.053	3	167433.333	43617.237	3	231766.667	70993.403	3	138766.667	36271.384	3	284300.000	77400.000
TPN	P600	mg/L	0.274	0.118	3	0.479	0.159	3	0.424	0.093	3	0.371	0.254	3	0.662	0.137
NH3_N	P610	mg/L	0.015	0.005	3	0.012	0.003	3	0.014	0.003	3	0.034	0.006	3	0.041	0.010U
NO2_NO3	P630	mg/L	0.165	0.118	3	0.416	0.151	3	0.227	0.138	3	0.067	0.036	3	0.528	0.030
TP_P	P665	mg/L	0.025	0.007	3	0.025	0.010	3	0.040	0.006	3	0.051	0.057	3	0.116	0.014
OP_DIS	P671	mg/L	0.013	0.004	3	0.020	0.007	3	0.010	0.006	3	0.013	0.008	3	0.026	0.005U
HG	P71900	ug/L	0.000	0.000	0	0.001	0.000	2	0.000	0.000	0	0.000	0.000	0	0.001	0.001U
TURB	P82079	NTU	1.867	0.404	3	6.867	5.006	3	6.633	1.537	3	72.867	118.762	3	210.000	1.300
HARD	P900	mg/L	0.000	0.000	0	74.000	4.243	2	0.000	0.000	0	0.000	0.000	0	77.000	71.000
COND	P95	umhos	158.333	12.662	3	203.667	66.108	3	149.667	25.423	3	139.333	19.348	3	1.000	1.000

Summary statistics should be used with caution because variables may not be normally distributed. Values at the detection limit were replaced with 1/2 the detection limit.

REPORT CREATION DATE: 96/09/27

QUARTERLY DATA SUMMARY--SIX YEAR AVERAGE

Station Number: 30B060 Name: KLICKITAT R NR LYLE Class: A Elevation: 0 River Mile: 1.80

Location:
Left on Fisher Hill Road about 2 miles north of Lyle on 142.

Water Years Sampled:

5	6						7										8										9						
9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6
																																			X	X	

VARIABLE	P-CODE	UNITS	---OCTOBER-DECEMBER---			-----JANUARY-MARCH----			------APRIL-JUNE------			----JULY-SEPTEMBER----			-----SIX YEAR------	
			MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MAX	MIN
TEMP	P10	C	5.767	3.702	6	3.733	2.213	6	9.383	2.729	6	13.267	3.239	6	17.200	0.700
PRESS	P25	mmHg	764.600	5.830	6	761.900	7.049	6	761.533	4.899	6	764.400	6.835	6	773.700	753.900
OXYGEN	P300	mg/L	13.250	1.033	6	13.667	1.174	6	12.017	1.158	6	10.567	0.792	6	15.200	9.600
PCTSAT	P301	%	104.750	9.936	6	102.800	4.272	6	103.850	3.924	6	99.450	4.706	6	123.700	91.500
FC	P31616	#/100ml	11.400	8.877	5	10.333	7.815	6	33.833	39.347	6	38.833	54.649	6	150.000	2.000
PH	P400	units	7.650	0.404	6	7.967	0.163	6	7.917	0.147	6	8.067	0.234	6	8.400	7.000
SUSSOL	P530	mg/L	4.200	1.924	5	9.667	6.563	6	10.500	10.368	6	11.167	13.227	6	38.000	2.000
FLOW	P60	CFS	619.500	118.243	6	1768.500	1301.045	6	1856.167	773.682	6	808.000	469.627	6	3780.000	445.000
TPN	P600	mg/L	0.104	0.064	6	0.260	0.081	6	0.100	0.041	6	0.059	0.046	6	0.375	0.028
NH3_N	P610	mg/L	0.012	0.003	6	0.011	0.001	6	0.010	0.000	6	0.013	0.005	6	0.022	0.010U
NO2_NO3	P630	mg/L	0.041	0.044	6	0.161	0.098	6	0.015	0.010	6	0.013	0.006	6	0.324	0.010U
TP_P	P665	mg/L	0.038	0.007	6	0.040	0.004	6	0.035	0.011	6	0.044	0.018	6	0.079	0.016
OP_DIS	P671	mg/L	0.025	0.004	5	0.023	0.004	6	0.016	0.004	6	0.023	0.002	6	0.030	0.010
TURB	P82079	NTU	2.680	1.813	5	4.767	2.203	6	3.750	2.171	6	7.300	6.507	6	20.000	1.200
COND	P95	umhos	83.500	3.209	6	80.000	13.520	6	67.000	8.414	6	78.833	10.591	6	104.000	54.000

Summary statistics should be used with caution because variables may not be normally distributed. Values at the detection limit were replaced with 1/2 the detection limit.

REPORT CREATION DATE: 96/09/27

QUARTERLY DATA SUMMARY--SIX YEAR AVERAGE

Station Number: 30C070 Name: LITTLE KLICKITAT NR WAHKIACUS Class: A Elevation: 575 River Mile: 0.20

Location:
LOCATED AT THE BRIDGE ON STATE HIGHWAY 142, 14.4 MILES WEST OF
GOLDENDALE .2 MILE ABOVE THE CONFLUENCE WITH THE KLICKITAT RIVER

Water Years Sampled:

5	6						7										8										9					
9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6
																		X																	X	X	

VARIABLE	P-CODE	UNITS	---OCTOBER-DECEMBER---			-----JANUARY-MARCH----			------APRIL-JUNE------			----JULY-SEPTEMBER----			-----SIX YEAR------	
			MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MAX	MIN
TEMP	P10	C	4.367	3.756	6	3.450	2.480	6	11.350	3.609	6	14.317	5.061	6	19.900	0.400
PRESS	P25	mmHg	750.850	4.302	6	750.117	6.199	6	749.817	4.968	6	752.417	6.515	6	761.500	741.700
OXYGEN	P300	mg/L	12.917	0.882	6	12.800	1.187	6	11.117	0.889	6	10.467	0.750	6	14.300	9.400
PCTSAT	P301	%	100.183	4.525	6	97.033	4.743	6	102.150	4.373	6	103.017	15.845	6	130.400	85.000
FC	P31616	#/100ml	98.000	91.129	5	11.500	5.683	6	44.000	31.215	6	103.500	146.738	6	400.000	4.000
PH	P400	units	8.050	0.152	6	7.833	0.250	6	8.050	0.497	6	8.033	0.602	6	9.000	7.200
SUSSOL	P530	mg/L	2.000	0.707	5	5.833	2.563	6	7.667	3.077	6	5.833	4.070	6	13.000	1.000
FLOW	P60	CFS	133.833	277.800	6	552.000	664.251	6	161.667	177.135	6	30.500	42.463	6	1400.000	5.000
TPN	P600	mg/L	0.438	0.305	6	1.143	0.400	6	0.429	0.211	6	0.277	0.109	6	1.760	0.137
NH3_N	P610	mg/L	0.012	0.005	6	0.023	0.026	6	0.013	0.006	6	0.013	0.003	6	0.074	0.010U
NO2_NO3	P630	mg/L	0.308	0.298	6	0.967	0.421	6	0.265	0.219	6	0.106	0.054	6	1.620	0.036
TP_P	P665	mg/L	0.060	0.018	6	0.057	0.017	6	0.058	0.011	6	0.069	0.024	6	0.102	0.041
OP_DIS	P671	mg/L	0.044	0.026	5	0.036	0.015	6	0.024	0.008	6	0.041	0.007	6	0.090	0.014
TURB	P82079	NTU	2.240	0.913	5	7.483	3.137	6	5.417	1.125	6	4.900	2.902	6	12.000	1.400
COND	P95	umhos	121.167	15.917	6	108.167	18.734	6	104.500	15.668	6	140.000	18.417	6	163.000	93.000

Summary statistics should be used with caution because variables may not be normally distributed. Values at the detection limit were replaced with 1/2 the detection limit.

REPORT CREATION DATE: 96/09/27

QUARTERLY DATA SUMMARY--SIX YEAR AVERAGE

Station Number: 31A070 Name: COLUMBIA R @ UMATILLA Class: A Elevation: 240 River Mile: 290.50

Location:
LOCATED BELOW MCNARY DAM UNDER THE UMATILLA INTERSTATE BRIDGE

Water Years Sampled:

5	6						7								8									9					
9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6
								X								X	X	X	X	X									X	X	X	X	X	X

VARIABLE	P-CODE	UNITS	---OCTOBER-DECEMBER---			-----JANUARY-MARCH----			------APRIL-JUNE------			----JULY-SEPTEMBER----			-----SIX YEAR------	
			MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MAX	MIN
TEMP	P10	C	11.446	4.524	13	3.680	1.587	15	11.160	2.861	15	19.267	1.439	15	21.500	0.800
ZN	P1094	ug/L	6.300	3.824	4	6.000	1.633	4	7.000	2.646	3	5.667	2.082	3	12.000	4.000K
CD	P1113	ug/L	0.100	0.000	3	0.197	0.167	3	0.000	0.000	0	0.000	0.000	0	0.390	0.100K
PB	P1114	ug/L	1.000	0.000	3	1.000	0.000	3	0.000	0.000	0	0.000	0.000	0	1.000	1.000K
CR	P1118	ug/L	0.783	0.551	4	2.166	2.588	5	2.875	3.005	2	3.467	2.656	3	5.000	0.200K
CU	P1119	ug/L	2.667	0.577	3	2.250	0.500	4	0.000	0.000	0	0.000	0.000	0	3.000	2.000K
PRESS	P25	mmHg	759.977	5.680	13	757.807	8.086	14	754.567	5.043	15	755.427	5.184	15	769.400	738.600
OXYGEN	P300	mg/L	10.654	0.784	13	13.107	0.797	15	12.233	0.669	15	9.733	0.507	15	14.400	8.900
PCTSAT	P301	%	96.685	4.651	13	99.240	4.098	15	111.473	4.831	15	105.200	4.936	15	117.500	90.500
FC	P31616	#/100ml	58.167	119.571	12	6.733	10.003	15	4.400	3.089	15	21.667	71.521	15	400.000	1.000U
PH	P400	units	8.177	0.314	13	7.940	0.316	15	8.200	0.256	15	8.240	0.295	15	8.800	7.500
SUSSOL	P530	mg/L	10.333	14.475	12	29.733	100.791	15	6.933	1.335	15	6.867	1.995	15	394.000	2.000
FLOW	P60	CFS	122123.077	46301.299	13	144693.333	42788.591	15	196193.333	56613.331	15	128986.667	51767.569	15	300000.000	62900.000
TPN	P600	mg/L	0.290	0.078	6	0.467	0.136	6	0.276	0.113	6	0.201	0.060	6	0.693	0.119
NH3_N	P610	mg/L	0.015	0.006	13	0.011	0.004	15	0.013	0.005	15	0.015	0.008	15	0.036	0.004
NO2_DIS	P613	mg/L	0.010	0.000	7	0.010	0.000	9	0.009	0.003	9	0.010	0.000	9	0.010	0.001
NO2_NO3	P630	mg/L	0.172	0.090	13	0.314	0.125	15	0.174	0.138	15	0.039	0.029	15	0.577	0.010K
TP_P	P665	mg/L	0.025	0.007	13	0.023	0.007	15	0.028	0.013	15	0.020	0.007	15	0.058	0.010K
OP_DIS	P671	mg/L	0.015	0.010	12	0.016	0.005	15	0.010	0.004	15	0.011	0.008	15	0.047	0.005U
HG	P71900	ug/L	0.035	0.023	4	0.032	0.021	7	0.041	0.032	4	0.109	0.134	5	0.300	0.001U
TURB	P82079	NTU	2.392	1.522	12	2.867	3.459	15	3.647	1.513	15	2.967	1.074	15	14.000	0.500
HARD	P900	mg/L	69.250	8.655	4	74.833	3.061	6	63.500	5.066	4	59.600	4.722	5	80.000	52.000
COND	P95	umhos	160.231	11.896	13	180.333	27.039	15	142.733	20.803	15	133.667	13.157	15	246.000	105.000

Summary statistics should be used with caution because variables may not be normally distributed. Values at the detection limit were replaced with 1/2 the detection limit.

REPORT CREATION DATE: 96/09/27

QUARTERLY DATA SUMMARY--SIX YEAR AVERAGE

Station Number: 32A070 Name: WALLA WALLA R NR TOUCHET Class: B Elevation: 370 River Mile: 15.30

Location:
LOCATED AT A PRIVATE BRIDGE THREE RIVER MILES UPSTREAM FROM US HIGHWAY
12 BRIDGE NEAR REESE

Water Years Sampled:

5 6	7	8	9
9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6
X X X X X X X X X X X X X X X X X X X X X X X X X X X X X X X X X X X X X

VARIABLE	P-CODE	UNITS	---OCTOBER-DECEMBER---			-----JANUARY-MARCH----			------APRIL-JUNE------			----JULY-SEPTEMBER----			-----SIX YEAR------	
			MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MAX	MIN
TEMP	P10	C	8.422	4.654	18	5.329	2.808	17	14.972	4.963	18	22.722	3.176	18	28.400	0.100
PRESS	P25	mmHg	756.050	5.123	18	754.094	7.401	16	751.322	4.616	18	750.344	5.311	18	765.800	736.100
OXYGEN	P300	mg/L	12.178	1.185	18	12.206	1.143	16	10.322	1.099	18	10.094	1.370	17	14.100	8.000
PCTSAT	P301	%	103.889	12.595	18	96.194	3.946	16	102.283	9.533	18	116.665	15.930	17	148.900	85.000
FC	P31616	#/100ml	75.059	109.809	17	97.118	161.172	17	204.944	143.301	18	97.889	77.460	18	700.000	1.000
COD	P340	mg/L	9.000	7.071	2	0.000	0.000	0	0.000	0.000	0	0.000	0.000	0	0.000	0.000
PH	P400	units	8.178	0.356	18	7.753	0.235	17	8.072	0.282	18	8.400	0.380	18	8.900	7.300
SUSSOL	P530	mg/L	37.471	34.156	17	140.471	239.734	17	104.722	126.276	18	33.389	21.850	18	1000.000	4.000
FLOW	P60	CFS	181.622	229.160	18	751.412	394.846	17	697.889	617.787	18	24.900	24.429	18	1950.000	1.300
TPN	P600	mg/L	1.121	0.233	6	1.127	0.161	6	0.705	0.182	6	0.887	0.165	6	1.370	0.569
NH3_N	P610	mg/L	0.028	0.018	18	0.038	0.023	17	0.033	0.025	18	0.032	0.020	18	0.112	0.010U
NO2_DIS	P613	mg/L	0.012	0.003	12	0.010	0.000	11	0.010	0.002	12	0.013	0.007	12	0.030	0.006
NO2_N	P615	mg/L	0.017	0.012	3	0.010	0.000	3	0.015	0.007	2	0.017	0.006	3	0.030	0.010
NH3_UN	P619	mg/L	0.001	0.001	13	0.000	0.000	12	0.001	0.002	11	0.005	0.003	9	0.011	0.000
NO3_N	P620	mg/L	1.115	0.403	2	1.013	0.441	3	0.637	0.271	3	0.260	0.305	3	1.500	0.170
NO2_NO3	P630	mg/L	0.717	0.300	18	0.921	0.199	17	0.479	0.161	18	0.514	0.360	18	1.210	0.010
TP_P	P665	mg/L	0.108	0.041	17	0.179	0.109	17	0.128	0.042	18	0.131	0.050	18	0.500	0.038
OP_DIS	P671	mg/L	0.062	0.032	17	0.084	0.019	17	0.061	0.016	18	0.063	0.033	18	0.129	0.010K
COLOR	P80	Pt-Co	30.429	9.554	7	32.333	26.858	3	44.714	47.923	7	31.167	5.879	6	63.000	4.000
TURB	P82079	NTU	13.176	12.166	17	32.912	49.897	17	19.067	17.512	18	14.417	11.240	18	174.000	2.700
COND	P95	umhos	292.222	173.433	18	142.471	28.581	17	161.944	66.783	18	470.778	136.075	18	757.000	80.000

Summary statistics should be used with caution because variables may not be normally distributed. Values at the detection limit were replaced with 1/2 the detection limit.

REPORT CREATION DATE: 96/09/27

QUARTERLY DATA SUMMARY--SIX YEAR AVERAGE

Station Number: 33A050 Name: SNAKE R NR PASCO Class: A Elevation: 330 River Mile: 2.20

Location:
LOCATED AT THE BRIDGE ON US HIGHWAY 12/395 NEAR BURBANK AT HOOD PARK

Water Years Sampled:

5	6						7								8										9					
9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6
	X	X	X	X	X	X	X		X				X																	X	X	X	X	X	X		

VARIABLE	P-CODE	UNITS	---OCTOBER-DECEMBER---			-----JANUARY-MARCH----			------APRIL-JUNE------			----JULY-SEPTEMBER----			-----SIX YEAR------	
			MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MAX	MIN
TEMP	P10	C	11.585	4.751	13	3.827	1.475	15	11.587	2.810	15	19.847	1.584	15	22.600	1.600
PRESS	P25	mmHg	753.115	9.569	13	755.287	7.917	15	749.453	3.703	15	749.487	8.628	15	765.300	725.200
OXYGEN	P300	mg/L	9.862	1.256	13	12.567	0.760	15	11.840	1.171	15	9.113	0.939	15	14.600	7.500
PCTSAT	P301	%	90.162	4.395	13	95.913	5.336	15	109.713	10.439	15	100.407	9.980	15	128.700	83.100
FC	P31616	#/100ml	5.250	6.137	12	6.133	7.772	15	21.667	49.461	15	48.467	73.940	15	250.000	1.000U
COD	P340	mg/L	9.143	5.543	21	19.500	13.435	2	10.500	0.707	2	11.667	4.041	3	29.000	7.000
PH	P400	units	8.100	0.141	13	8.133	0.229	15	7.873	0.397	15	8.040	0.350	15	8.600	6.900
SUSSOL	P530	mg/L	4.667	1.557	12	7.600	7.763	15	12.333	7.128	15	11.067	9.445	15	30.000	2.000
FLOW	P60	CFS	22623.077	10905.439	13	33870.000	15462.718	15	69120.000	32046.110	15	30260.000	23032.238	15	130500.000	9000.000
TPN	P600	mg/L	0.694	0.200	6	1.092	0.169	6	0.525	0.263	6	0.310	0.076	6	1.240	0.199
NH3_N	P610	mg/L	0.015	0.005	13	0.019	0.011	15	0.019	0.008	15	0.020	0.013	15	0.052	0.010U
NO2_DIS	P613	mg/L	0.012	0.006	7	0.010	0.001	9	0.012	0.007	9	0.011	0.001	9	0.028	0.004
NO2_N	P615	mg/L	0.012	0.004	17	0.013	0.007	14	0.010	0.000	12	0.010	0.000	13	0.000	0.000
NH3_UN	P619	mg/L	0.000	0.001	19	0.000	0.000	19	0.001	0.004	17	0.001	0.001	15	0.000	0.000
NO3_N	P620	mg/L	0.638	0.144	13	0.809	0.148	14	0.380	0.389	13	0.163	0.085	10	0.000	0.000
NO2_NO3	P630	mg/L	0.432	0.224	13	0.872	0.266	15	0.534	0.349	15	0.339	0.428	15	1.390	0.024
TP_P	P665	mg/L	0.055	0.010	13	0.060	0.022	15	0.063	0.039	15	0.048	0.036	15	0.141	0.010K
OP_DIS	P671	mg/L	0.042	0.009	12	0.044	0.013	15	0.036	0.025	15	0.028	0.027	15	0.098	0.010K
COLOR	P80	Pt-Co	21.571	6.294	7	37.667	17.507	9	36.000	23.551	7	22.333	2.066	6	0.000	0.000
TURB	P82079	NTU	2.125	0.529	12	4.513	3.547	15	6.913	2.782	15	4.600	2.182	15	12.000	1.100
COND	P95	umhos	294.154	51.293	13	303.133	63.271	15	166.000	79.983	15	150.933	29.673	15	450.000	79.000

Summary statistics should be used with caution because variables may not be normally distributed. Values at the detection limit were replaced with 1/2 the detection limit.

REPORT CREATION DATE: 96/09/27

QUARTERLY DATA SUMMARY--SIX YEAR AVERAGE

Station Number: 34A070 Name: PALOUSE R @ HOOPER Class: B Elevation: 1060 River Mile: 19.50

Location:
LOCATED IN "DOWNTOWN" HOOPER NEAR TRAIN TRACKS AT BRIDGE ON OLD HIGHWAY 26

Water Years Sampled:

5 6	7	8	9
9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6
X X X X X X X X X X X X X X X X X X X X X X X X X X X X X X X X X X X X X

VARIABLE	P-CODE	UNITS	---OCTOBER-DECEMBER---			-----JANUARY-MARCH----			------APRIL-JUNE------			----JULY-SEPTEMBER----			-----SIX YEAR------	
			MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MAX	MIN
TEMP	P10	C	6.868	4.683	19	3.580	2.118	15	13.633	4.186	18	20.628	2.940	18	26.300	0.000
ZN	P1094	ug/L	6.800	5.020	5	45.800	42.393	5	15.667	16.232	6	6.667	3.445	6	109.000	2.000K
CD	P1113	ug/L	0.140	0.055	5	0.425	0.505	4	0.125	0.050	4	0.100	0.000	4	1.180	0.100K
PB	P1114	ug/L	1.360	0.483	5	7.525	8.791	4	2.733	2.421	3	1.300	0.600	4	20.200	1.000K
CR	P1118	ug/L	0.820	0.234	4	5.103	3.332	4	2.773	3.291	4	0.715	0.595	4	9.390	0.200J
CU	P1119	ug/L	6.400	5.367	5	21.200	19.013	5	4.100	3.013	4	4.400	1.625	4	44.200	2.000V
PRESS	P25	mmHg	738.900	6.325	19	736.729	5.965	14	735.883	4.069	18	734.606	4.982	18	751.100	724.200
OXYGEN	P300	mg/L	11.968	1.275	19	12.267	0.922	15	10.139	1.177	18	8.576	1.273	17	13.900	7.300
PCTSAT	P301	%	100.111	7.067	19	95.193	4.184	15	99.711	8.967	18	98.429	17.784	17	158.000	80.700
FC	P31616	#/100ml	172.500	281.950	18	254.769	528.735	13	95.941	165.057	17	119.000	114.550	18	1700.000	1.000
COD	P340	mg/L	14.000	4.062	5	20.750	8.057	4	18.667	10.558	6	15.200	4.494	5	37.000	8.000
PH	P400	units	8.405	0.375	19	7.893	0.191	15	8.394	0.562	18	8.639	0.279	18	9.700	7.600
SUSSOL	P530	mg/L	35.000	31.293	19	642.500	1395.426	14	77.333	82.380	18	36.588	18.045	17	4380.000	2.000
FLOW	P60	CFS	116.056	106.457	18	1078.000	1196.226	15	642.611	736.980	18	50.833	42.557	18	4510.000	2.000
TPN	P600	mg/L	2.103	1.416	7	2.898	0.941	5	1.584	1.395	5	0.788	0.452	6	4.710	0.386
NH3_N	P610	mg/L	0.042	0.043	19	0.082	0.096	14	0.046	0.054	17	0.051	0.076	17	0.361	0.009
NO2_DIS	P613	mg/L	0.010	0.001	12	0.018	0.006	10	0.013	0.007	12	0.010	0.000	11	0.035	0.007
NO2_N	P615	mg/L	0.013	0.006	3	0.023	0.015	3	0.010	0.000	2	0.013	0.006	3	0.020	0.010K
NH3_UN	P619	mg/L	0.006	0.013	11	0.001	0.001	9	0.002	0.002	12	0.004	0.003	9	0.046	0.000
NO3_N	P620	mg/L	2.650	2.051	2	3.633	1.607	3	0.907	0.519	3	0.060	0.087	3	4.800	0.160
NO2_NO3	P630	mg/L	1.291	0.998	19	3.154	1.047	15	1.122	0.936	17	0.223	0.294	18	5.040	0.010K
TP_P	P665	mg/L	0.187	0.116	19	0.245	0.126	15	0.142	0.075	16	0.152	0.061	18	0.605	0.024
OP_DIS	P671	mg/L	0.137	0.125	19	0.125	0.037	15	0.084	0.048	18	0.073	0.044	18	0.386	0.005K
HG	P71900	ug/L	0.056	0.009	5	0.038	0.020	5	0.040	0.000	2	0.049	0.017	4	0.075	0.020K
COLOR	P80	Pt-Co	73.286	48.462	7	104.500	106.773	2	26.333	4.619	3	130.000	0.000	2	180.000	21.000
TURB	P82079	NTU	28.879	40.090	19	614.800	1967.126	15	32.950	36.834	18	21.267	15.120	18	7700.000	1.200
HARD	P900	mg/L	107.333	28.296	6	70.000	18.493	5	61.333	17.154	6	114.833	18.400	6	139.000	31.000
COND	P95	umhos	309.526	67.801	19	205.400	59.463	15	207.278	57.856	18	323.167	42.335	18	404.000	91.000

Summary statistics should be used with caution because variables may not be normally distributed. Values at the detection limit were replaced with 1/2 the detection limit.

REPORT CREATION DATE: 96/09/27

QUARTERLY DATA SUMMARY--SIX YEAR AVERAGE

Station Number: 34A170 Name: PALOUSE R @ PALOUSE Class: A Elevation: 2090 River Mile: 121.20

Location:
LOCATED AT THE EASTERLY MOST BRIDGE IN PALOUSE NEAR THE GRAVEL PIT, .4 MILE EAST OF THE INTERSECTION OF STATE HIGHWAYS 6, 27, AND 272 ON STATE HIGHWAY 6 -- STATION MOVED 10/01/90 TO THE HIGHWAY 27 BRIDGE ENTERING

Water Years Sampled:

5	6						7								8										9					
9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6
																X															X	X	X	X	X

VARIABLE	P-CODE	UNITS	---OCTOBER-DECEMBER---			-----JANUARY-MARCH----			------APRIL-JUNE------			----JULY-SEPTEMBER----			-----SIX YEAR------	
			MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MAX	MIN
TEMP	P10	C	4.517	4.201	12	1.318	1.936	11	11.325	6.311	12	18.492	3.651	12	23.700	0.000J
PRESS	P25	mmHg	704.558	4.935	12	703.290	4.880	10	706.617	17.250	12	703.542	5.096	12	760.700	694.700
OXYGEN	P300	mg/L	11.500	1.559	12	12.445	0.836	11	10.433	1.698	12	8.125	1.623	12	14.000	5.900
PCTSAT	P301	%	94.825	6.611	12	95.209	3.788	11	101.800	20.817	12	93.067	20.214	12	154.400	70.200
FC	P31616	#/100ml	86.727	137.528	11	82.600	174.738	10	349.333	899.454	12	514.750	1328.862	12	4700.000	1.000
PH	P400	units	7.792	0.227	12	7.545	0.288	11	7.908	0.373	12	8.483	0.499	12	9.200	7.100
SUSSOL	P530	mg/L	3.083	1.443	12	15.455	16.831	11	61.083	179.326	12	10.000	18.694	12	630.000	1.000K
FLOW	P60	CFS	37.750	27.270	12	235.273	259.072	11	285.250	436.017	12	15.750	13.725	12	1280.000	2.000
TPN	P600	mg/L	0.497	0.443	6	0.615	0.286	6	0.265	0.164	5	0.349	0.151	6	1.380	0.116
NH3_N	P610	mg/L	0.015	0.008	12	0.027	0.021	11	0.019	0.024	11	0.014	0.006	12	0.089	0.010U
NO2_DIS	P613	mg/L	0.010	0.000	6	0.010	0.000	5	0.010	0.000	6	0.010	0.000	6	0.010	0.010K
NO2_NO3	P630	mg/L	0.181	0.350	12	0.609	0.590	11	0.143	0.255	11	0.109	0.337	12	2.240	0.010U
TP_P	P665	mg/L	0.047	0.025	12	0.064	0.023	11	0.058	0.041	11	0.048	0.027	12	0.162	0.010K
OP_DIS	P671	mg/L	0.022	0.011	12	0.035	0.028	11	0.023	0.015	12	0.032	0.036	12	0.141	0.010K
TURB	P82079	NTU	6.500	4.765	12	22.309	26.725	11	23.533	55.738	12	7.267	14.511	12	200.000	1.100
COND	P95	umhos	86.667	14.730	12	75.727	23.130	11	62.750	13.039	12	84.083	20.695	12	142.000	35.000

Summary statistics should be used with caution because variables may not be normally distributed. Values at the detection limit were replaced with 1/2 the detection limit.

REPORT CREATION DATE: 96/09/27

QUARTERLY DATA SUMMARY--SIX YEAR AVERAGE

Station Number: 34B110 Name: SF PALOUSE R @ PULLMAN Class: A Elevation: 2320 River Mile: 22.20

Location:
LOCATED AT THE BRIDGE ON STATE STREET ONE BLOCK NORTH OF US HIGHWAY 195 AT PULLMAN

Water Years Sampled:

5 6	7	8	9
9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6			
	X X	X X X X X X X X X X X X X X X X	X X

VARIABLE	P-CODE	UNITS	---OCTOBER-DECEMBER---			-----JANUARY-MARCH----			------APRIL-JUNE------			----JULY-SEPTEMBER----			-----SIX YEAR------	
			MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MAX	MIN
TEMP	P10	C	6.108	2.877	12	3.442	1.739	12	12.067	3.597	12	17.392	2.370	12	21.400	0.200
PRESS	P25	mmHg	706.750	3.396	12	703.718	4.292	11	704.417	2.728	12	705.525	5.541	12	714.200	696.700
OXYGEN	P300	mg/L	10.417	1.502	12	11.683	0.844	12	11.133	2.432	12	9.308	2.415	12	15.800	5.300
PCTSAT	P301	%	90.125	14.100	12	94.750	4.370	12	110.608	21.754	12	104.183	27.172	12	142.300	56.700
FC	P31616	#/100ml	1326.583	1534.179	12	2644.909	5753.789	11	560.182	584.541	11	3005.000	3913.560	12	19000.000	32.000
PH	P400	units	7.967	0.264	12	7.725	0.186	12	8.217	0.463	12	8.192	0.394	12	8.900	7.400
SUSSOL	P530	mg/L	29.667	57.588	12	179.273	333.373	11	23.250	27.522	12	28.545	52.321	11	1050.000	2.000
FLOW	P60	CFS	18.167	14.154	12	63.750	64.366	12	18.333	11.571	12	10.917	15.658	12	210.000	3.000
TPN	P600	mg/L	6.620	1.709	3	6.247	2.244	3	5.495	2.029	2	3.510	2.681	3	8.260	1.380
NH3_N	P610	mg/L	0.604	1.186	12	0.267	0.143	11	0.131	0.091	11	0.045	0.032	11	4.240	0.010K
NO2_DIS	P613	mg/L	0.069	0.031	9	0.075	0.061	9	0.084	0.061	9	0.026	0.010	8	0.180	0.010K
NO2_N	P615	mg/L	0.117	0.125	3	0.100	0.017	3	0.100	0.042	2	0.080	0.020	3	0.260	0.030
NH3_UN	P619	mg/L	0.004	0.004	13	0.003	0.002	11	0.008	0.011	12	0.006	0.004	9	0.042	0.001
NO3_N	P620	mg/L	9.850	4.455	2	7.833	3.308	3	3.900	1.778	3	4.100	2.000	3	13.000	1.900
NO2_NO3	P630	mg/L	5.638	2.307	12	6.684	1.902	12	4.092	1.274	11	3.931	2.039	12	11.000	0.612
TP_P	P665	mg/L	2.117	1.504	11	0.739	0.442	11	0.925	0.605	9	1.739	0.814	11	5.250	0.130J
OP_DIS	P671	mg/L	1.800	1.293	12	0.435	0.262	12	0.831	0.499	11	1.424	0.678	11	4.550	0.155
COLOR	P80	Pt-Co	75.286	79.115	7	121.000	111.723	2	28.333	13.429	3	119.000	43.841	2	252.000	13.000
TURB	P82079	NTU	19.083	19.723	12	94.750	118.992	12	13.517	12.598	12	13.850	24.131	12	330.000	2.300
COND	P95	umhos	479.667	138.989	12	334.083	103.768	12	366.750	68.175	12	545.833	135.602	12	735.000	188.000

Summary statistics should be used with caution because variables may not be normally distributed. Values at the detection limit were replaced with 1/2 the detection limit.

REPORT CREATION DATE: 96/09/27

QUARTERLY DATA SUMMARY--SIX YEAR AVERAGE

Station Number: 35A150 Name: SNAKE R @ INTERSTATE BR Class: A Elevation: 705 River Mile: 139.60

Location:
LOCATED AT THE WASHINGTON-IDAHO INTERSTATE BRIDGE ON U S HIGHWAY 12 AT CLARKSTON

Water Years Sampled:

5	6						7								8									9					
9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6
		X	X	X	X	X		X	X																			X	X	X	X	X	X

VARIABLE	P-CODE	UNITS	---OCTOBER-DECEMBER---			-----JANUARY-MARCH----			------APRIL-JUNE------			----JULY-SEPTEMBER----			-----SIX YEAR------	
			MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MAX	MIN
TEMP	P10	C	10.893	5.112	14	3.413	1.588	15	11.921	2.690	14	20.380	2.423	15	24.600	1.200
PRESS	P25	mmHg	746.407	6.389	14	745.700	6.228	14	742.020	6.353	15	739.527	6.383	15	754.900	730.000
OXYGEN	P300	mg/L	10.621	1.434	14	12.807	0.682	15	10.553	0.688	15	8.893	0.445	15	13.900	8.100
PCTSAT	P301	%	96.257	2.615	14	97.900	1.942	15	97.593	5.401	15	100.367	4.133	15	106.600	82.300
FC	P31616	#/100ml	2.214	1.626	14	3.533	3.681	15	28.429	36.159	14	5.533	5.780	15	130.000	1.000U
CHL	P32211	ug/L	0.000	0.000	0	0.000	0.000	0	0.000	0.000	0	2.233	1.721	3	4.200	1.000J
PHEO	P32218	ug/L	0.000	0.000	0	0.000	0.000	0	0.000	0.000	0	0.720	0.416	3	6.300	0.470
PH	P400	units	8.293	0.083	14	8.220	0.257	15	8.207	0.260	15	8.353	0.151	15	8.900	7.700
SUSSOL	P530	mg/L	3.071	1.492	14	4.867	4.406	15	16.333	14.724	15	5.667	3.579	15	57.000	1.000
FLOW	P60	CFS	15476.923	2020.377	13	21069.231	7172.445	13	45800.000	27037.778	15	22928.667	12791.945	15	112000.000	9410.000
TPN	P600	mg/L	0.878	0.167	10	1.188	0.136	9	0.677	0.386	8	0.464	0.113	9	1.390	0.264
NH3_N	P610	mg/L	0.015	0.011	13	0.018	0.009	15	0.020	0.018	14	0.016	0.007	15	0.079	0.007
NO2_DIS	P613	mg/L	0.010	0.000	7	0.010	0.001	9	0.009	0.002	9	0.010	0.000	9	0.013	0.004
NO2_NO3	P630	mg/L	0.715	0.163	14	1.031	0.133	15	0.432	0.242	14	0.277	0.099	15	1.310	0.125
TP_P	P665	mg/L	0.061	0.016	14	0.062	0.015	14	0.053	0.032	14	0.039	0.011	15	0.128	0.021
OP_DIS	P671	mg/L	0.051	0.013	14	0.046	0.011	15	0.026	0.018	15	0.023	0.010	15	0.082	0.010K
TURB	P82079	NTU	1.400	0.344	14	3.893	3.877	15	7.813	8.158	15	2.333	1.444	15	25.000	0.700
COND	P95	umhos	380.214	23.176	14	367.600	60.345	15	203.467	64.749	15	257.933	65.226	15	474.000	116.000

Summary statistics should be used with caution because variables may not be normally distributed. Values at the detection limit were replaced with 1/2 the detection limit.

REPORT CREATION DATE: 96/09/27

QUARTERLY DATA SUMMARY--SIX YEAR AVERAGE

Station Number: 35B060 Name: TUCANNON R @ POWERS Class: A Elevation: 600 River Mile: 2.30

Location:
LOCATED .2 MILES SOUTHEAST OF HIGHWAY 261, 1.5 MILES WEST OF STARBUCK

Water Years Sampled:

5	6						7								8										9						
9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6
															X			X	X	X	X	X	X	X	X	X	X	X	X			X	X

VARIABLE	P-CODE	UNITS	---OCTOBER-DECEMBER---			-----JANUARY-MARCH----			------APRIL-JUNE------			----JULY-SEPTEMBER----			-----SIX YEAR------	
			MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MAX	MIN
TEMP	P10	C	8.677	3.174	13	6.025	2.223	12	11.900	3.162	12	17.658	2.637	12	22.600	1.500
PRESS	P25	mmHg	752.685	6.485	13	749.482	5.973	11	749.358	5.104	12	747.775	7.243	12	763.300	734.300
OXYGEN	P300	mg/L	11.462	0.740	13	11.967	0.834	12	10.725	0.745	12	9.367	0.464	12	13.800	8.700
PCTSAT	P301	%	98.885	6.846	13	97.150	2.096	12	99.917	3.613	12	99.092	6.133	12	117.100	90.100
FC	P31616	#/100ml	120.231	171.870	13	329.400	739.333	10	132.727	100.271	11	353.182	572.334	11	2400.000	7.000
COD	P340	mg/L	4.000	0.000	2	0.000	0.000	0	0.000	0.000	0	0.000	0.000	0	0.000	0.000
PH	P400	units	8.054	0.338	13	7.650	0.198	12	8.133	0.299	12	8.158	0.219	12	8.700	7.200
SUSSOL	P530	mg/L	22.692	22.343	13	84.000	120.586	12	44.583	30.213	12	61.833	146.617	12	526.000	3.000
FLOW	P60	CFS	106.720	47.288	10	170.167	120.566	12	186.500	83.286	12	57.083	14.444	12	497.000	22.000
TPN	P600	mg/L	0.467	0.265	4	0.765	0.048	3	0.479	0.322	2	0.638	0.547	3	1.260	0.209
NH3_N	P610	mg/L	0.022	0.026	12	0.021	0.010	12	0.015	0.008	11	0.017	0.008	12	0.100	0.005
NO2_DIS	P613	mg/L	0.009	0.002	9	0.010	0.000	9	0.009	0.003	9	0.010	0.000	9	0.010	0.001
NO2_N	P615	mg/L	0.010	0.000	3	0.010	0.000	3	0.010	0.000	2	0.010	0.000	3	0.010	0.010K
NH3_UN	P619	mg/L	0.000	0.000	13	0.000	0.000	12	0.000	0.000	12	0.001	0.001	9	0.003	0.000
NO3_N	P620	mg/L	0.265	0.106	2	0.317	0.165	3	0.103	0.067	3	0.137	0.046	3	0.480	0.060
NO2_NO3	P630	mg/L	0.252	0.156	12	0.419	0.140	12	0.142	0.148	11	0.174	0.086	12	0.698	0.006
TP_P	P665	mg/L	0.065	0.019	12	0.108	0.064	12	0.085	0.047	10	0.062	0.022	12	0.260	0.028
OP_DIS	P671	mg/L	0.039	0.010	13	0.049	0.010	12	0.029	0.011	12	0.040	0.021	12	0.100	0.006
COLOR	P80	Pt-Co	14.571	5.287	7	15.333	8.737	3	11.667	10.066	3	72.000	53.740	2	110.000	1.000
TURB	P82079	NTU	4.038	3.466	13	16.250	20.504	12	6.233	4.173	12	40.542	128.956	12	450.000	1.200
COND	P95	umhos	143.462	11.836	13	134.000	18.572	12	117.667	20.978	12	156.833	12.134	12	10.000	10.000K

Summary statistics should be used with caution because variables may not be normally distributed. Values at the detection limit were replaced with 1/2 the detection limit.

REPORT CREATION DATE: 96/09/27

QUARTERLY DATA SUMMARY--SIX YEAR AVERAGE

Station Number: 36A070 Name: COLUMBIA R NR VERNITA

Class: A Elevation: 380 River Mile: 388.10

Location:
LOCATED ON STATE HIGHWAY 24 AT THE VERNITA BRIDGE APPROXIMATELY FIVE MILES NORTHEAST OF VERNITA

Water Years Sampled:

5 6							7							8							9						
9 0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6
	X	X						X	X	X		X		X	X	X		X	X	X	X	X	X	X	X	X	X	X	X			X	X	X

VARIABLE	P-CODE	UNITS	---OCTOBER-DECEMBER---			-----JANUARY-MARCH----			------APRIL-JUNE------			----JULY-SEPTEMBER----			-----SIX YEAR------	
			MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MAX	MIN
TEMP	P10	C	12.564	3.784	11	4.111	1.160	9	9.667	2.844	9	18.322	1.452	9	19.700	2.400
ZN	P1094	ug/L	5.400	2.074	5	5.667	1.155	3	14.000	3.464	3	9.667	9.866	3	21.000	2.000K
CD	P1113	ug/L	0.140	0.055	5	0.200	0.000	3	0.280	0.231	3	0.120	0.035	3	0.540	0.100K
PB	P1114	ug/L	1.100	0.224	5	1.067	0.115	3	1.000	0.000	2	1.000	0.000	3	1.500	1.000K
CR	P1118	ug/L	0.388	0.216	5	0.350	0.075	3	0.670	0.397	3	0.300	0.100	3	1.000	0.200K
CU	P1119	ug/L	3.920	2.596	5	2.300	0.520	3	3.000	1.732	3	4.000	1.732	3	8.300	2.000K
PRESS	P25	mmHg	755.464	5.596	11	747.122	10.985	9	752.056	1.746	9	749.111	9.961	9	765.800	721.400
OXYGEN	P300	mg/L	10.327	0.557	11	13.000	0.689	9	12.589	1.008	9	10.489	0.645	9	13.900	9.400
PCTSAT	P301	%	96.855	3.496	11	101.022	4.772	9	111.078	5.774	9	112.311	7.596	9	128.400	92.000
FC	P31616	#/100ml	2.000	2.108	10	1.000	0.000	9	2.333	1.500	9	2.889	3.887	9	13.000	1.000U
COD	P340	mg/L	5.000	0.816	4	13.333	11.930	3	10.000	1.414	2	8.333	1.528	3	27.000	4.000K
PH	P400	units	7.970	0.320	10	7.989	0.257	9	8.189	0.280	9	8.289	0.190	9	8.700	7.400
SUSSOL	P530	mg/L	2.545	1.128	11	2.333	1.000	9	3.778	1.093	9	2.778	0.667	9	5.000	1.000
FLOW	P60	CFS	76000.000	21497.442	11	114211.111	20933.970	9	130877.778	31211.327	9	95300.000	55837.532	9	203000.000	40600.000
TPN	P600	mg/L	0.156	0.025	6	0.200	0.053	6	0.178	0.092	6	0.137	0.023	6	0.301	0.079
NH3_N	P610	mg/L	0.011	0.003	11	0.010	0.000	9	0.010	0.001	9	0.011	0.002	9	0.020	0.010U
NO2_DIS	P613	mg/L	0.008	0.004	5	0.010	0.000	3	0.010	0.000	3	0.010	0.000	3	0.010	0.002
NO2_N	P615	mg/L	0.010	0.000	3	0.010	0.000	3	0.010	0.000	2	0.010	0.000	3	0.010	0.010K
NH3_UN	P619	mg/L	0.000	0.000	13	0.000	0.000	13	0.002	0.005	11	0.000	0.001	9	0.016	0.000
NO3_N	P620	mg/L	0.120	0.000	2	0.103	0.021	3	0.063	0.035	3	0.013	0.006	3	0.120	0.010
NO2_NO3	P630	mg/L	0.113	0.074	11	0.139	0.049	9	0.070	0.042	9	0.043	0.028	9	0.330	0.010K
TP_P	P665	mg/L	0.019	0.007	11	0.014	0.004	9	0.013	0.005	9	0.012	0.004	9	0.030	0.010U
OP_DIS	P671	mg/L	0.011	0.004	11	0.009	0.005	9	0.012	0.010	9	0.008	0.003	9	0.039	0.005U
HG	P71900	ug/L	0.071	0.018	5	0.020	0.000	3	0.060	0.000	3	0.056	0.021	3	0.100	0.020K
COLOR	P80	Pt-Co	8.857	3.185	7	9.667	2.887	3	12.714	7.847	7	13.667	1.633	6	13.000	1.000
TURB	P82079	NTU	0.973	0.195	11	1.667	1.671	9	1.878	0.848	9	1.289	0.237	9	5.400	0.700
HARD	P900	mg/L	67.600	4.159	5	72.000	2.000	3	67.000	4.243	2	61.000	2.646	3	74.000	58.000
COND	P95	umhos	134.182	8.352	11	158.667	17.414	9	136.111	13.393	9	135.444	12.259	9	196.000	113.000

Summary statistics should be used with caution because variables may not be normally distributed. Values at the detection limit were replaced with 1/2 the detection limit.

REPORT CREATION DATE: 96/09/27

QUARTERLY DATA SUMMARY--SIX YEAR AVERAGE

Station Number: 37A090 Name: YAKIMA R @ KIONA

Class: A Elevation: 460 River Mile: 29.80

Location:
LOCATED .1 MILE NORTHWEST OF HIGHWAY 12 AND KIONA AND SOUTHEAST OF BENTON CITY

Water Years Sampled:

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5 6                 7                   8                   9
9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6
X X X X       X X X X X X X X X X X X X X X X X X X X X X X X X X X X X
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VARIABLE	P-CODE	UNITS	---OCTOBER-DECEMBER---			-----JANUARY-MARCH----			------APRIL-JUNE------			----JULY-SEPTEMBER----			-----SIX YEAR-----	
			MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MAX	MIN
TEMP	P10	C	8.061	4.340	18	4.533	2.840	18	14.611	2.952	18	20.394	2.854	18	25.400	0.000
PRESS	P25	mmHg	753.211	8.291	18	751.750	6.440	18	751.617	3.193	18	751.361	4.816	18	767.100	726.900
OXYGEN	P300	mg/L	11.578	1.360	18	12.333	1.195	18	9.650	1.346	18	8.822	0.956	18	14.400	7.400
PCTSAT	P301	%	97.878	8.981	18	95.906	5.107	18	94.994	10.971	18	98.172	12.735	18	124.800	81.100
FC	P31616	#/100ml	38.647	25.251	17	22.235	17.894	17	65.444	80.319	18	91.556	82.914	18	300.000	1.000K
COD	P340	mg/L	8.667	4.726	3	12.333	1.528	3	17.667	3.215	3	8.667	4.509	3	20.000	4.000K
PH	P400	units	8.176	0.277	17	7.894	0.248	18	8.078	0.304	18	8.167	0.297	18	8.900	7.400
SUSSOL	P530	mg/L	17.333	19.605	18	24.889	24.504	18	41.611	35.364	18	26.056	17.824	18	131.000	1.000
FLOW	P60	CFS	2256.222	1943.386	18	3448.333	1858.403	18	3117.833	1848.638	18	1549.667	675.268	18	9850.000	580.000
TPN	P600	mg/L	1.510	0.360	6	1.126	0.513	6	0.900	0.449	6	1.385	0.340	6	1.820	0.397
NH3_N	P610	mg/L	0.028	0.018	18	0.060	0.053	18	0.021	0.012	18	0.023	0.011	18	0.209	0.006
NO2_DIS	P613	mg/L	0.015	0.006	12	0.014	0.005	12	0.010	0.001	12	0.014	0.005	12	0.030	0.008
NO2_N	P615	mg/L	0.023	0.012	3	0.010	0.000	3	0.010	0.000	2	0.020	0.000	3	0.030	0.010
NH3_UN	P619	mg/L	0.001	0.001	13	0.001	0.001	12	0.001	0.002	11	0.002	0.001	9	0.004	0.000
NO3_N	P620	mg/L	1.300	0.000	2	0.877	0.577	3	0.597	0.289	3	1.300	0.100	3	1.500	0.360
NO2_NO3	P630	mg/L	1.276	0.330	18	0.920	0.414	18	0.570	0.296	18	0.908	0.393	18	1.750	0.065
TP_P	P665	mg/L	0.103	0.026	18	0.096	0.042	18	0.094	0.042	18	0.113	0.060	18	0.252	0.017
OP_DIS	P671	mg/L	0.075	0.020	17	0.060	0.021	18	0.036	0.018	18	0.068	0.028	18	0.117	0.005U
COLOR	P80	Pt-Co	17.571	5.381	7	14.333	2.309	3	24.714	15.283	7	19.667	3.266	6	25.000	1.000
TURB	P82079	NTU	5.567	5.115	18	7.689	7.282	18	10.089	6.409	18	9.839	7.322	18	32.000	1.400
COND	P95	umhos	267.778	48.344	18	215.111	53.630	18	202.389	49.703	18	259.889	29.247	18	325.000	109.000

Summary statistics should be used with caution because variables may not be normally distributed. Values at the detection limit were replaced with 1/2 the detection limit.

REPORT CREATION DATE: 96/09/27

QUARTERLY DATA SUMMARY--SIX YEAR AVERAGE

Station Number: 37A205 Name: YAKIMA R @ KNOB HILL Class: A Elevation: 985 River Mile: 111.30

Location:
HIGHWAY 24 BRIDGE

Water Years Sampled:
5 6 7 8 9
9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6
X X

VARIABLE	P-CODE	UNITS	---OCTOBER-DECEMBER---			-----JANUARY-MARCH----			------APRIL-JUNE------			----JULY-SEPTEMBER----			-----SIX YEAR------	
			MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MAX	MIN
TEMP	P10	C	3.900	6.497	3	1.833	3.004	3	9.267	3.612	3	15.267	1.007	3	16.200	0.000
PRESS	P25	mmHg	743.367	5.300	3	737.100	7.560	3	737.700	1.277	3	742.267	7.371	3	750.600	731.500
OXYGEN	P300	mg/L	12.600	2.402	3	13.767	1.644	3	10.900	0.954	3	9.400	0.436	3	15.000	9.100
PCTSAT	P301	%	96.100	4.715	3	101.533	3.717	3	97.033	0.503	3	95.367	3.702	3	104.600	91.600
FC	P31616	#/100ml	7.000	5.292	3	9.000	7.550	3	56.333	37.072	3	44.000	17.436	3	83.000	2.000
PH	P400	units	8.100	0.141	2	7.733	0.252	3	8.100	0.200	3	8.233	0.115	3	8.300	7.500
SUSSOL	P530	mg/L	6.333	3.215	3	11.333	6.110	3	29.333	31.770	3	15.000	3.606	3	66.000	4.000
FLOW	P60	CFS	1580.000	480.729	3	4403.333	1330.614	3	5340.000	1919.557	3	3416.667	520.032	3	7480.000	1240.000
TPN	P600	mg/L	0.210	0.023	3	0.264	0.065	3	0.273	0.121	3	0.315	0.069	3	0.391	0.148
NH3_N	P610	mg/L	0.010	0.000	3	0.010	0.000	3	0.011	0.002	3	0.017	0.004	3	0.022	0.010U
NO2_NO3	P630	mg/L	0.135	0.028	3	0.197	0.083	3	0.076	0.061	3	0.145	0.024	3	0.290	0.011
TP_P	P665	mg/L	0.040	0.014	3	0.028	0.010	3	0.077	0.032	3	0.047	0.015	3	0.110	0.018
OP_DIS	P671	mg/L	0.024	0.011	3	0.014	0.004	3	0.018	0.010	3	0.020	0.002	3	0.033	0.007
TURB	P82079	NTU	3.033	1.893	3	6.567	3.356	3	19.067	22.461	3	7.333	4.163	3	45.000	1.700
COND	P95	umhos	125.333	14.048	3	126.333	36.171	3	91.333	7.371	3	96.667	11.846	3	168.000	83.000

Summary statistics should be used with caution because variables may not be normally distributed. Values at the detection limit were replaced with 1/2 the detection limit.

REPORT CREATION DATE: 96/09/27

QUARTERLY DATA SUMMARY--SIX YEAR AVERAGE

Station Number: 39A090 Name: YAKIMA R NR CLE ELUM Class: AA Elevation: 2022 River Mile: 191.00

Location:
LOCATED AT THE BRIDGE ON INTERSTATE 90, 4.5 MILES WEST OF CLE ELUM

Water Years Sampled:

5 6							7								8								9						
9 0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6
												X			X													X	X	X			X	X

VARIABLE	P-CODE	UNITS	---OCTOBER-DECEMBER---			-----JANUARY-MARCH----			------APRIL-JUNE------			----JULY-SEPTEMBER----			-----SIX YEAR------	
			MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MAX	MIN
TEMP	P10	C	6.317	3.193	12	2.875	1.114	12	7.133	2.352	12	14.033	2.085	12	16.300	1.000
PRESS	P25	mmHg	716.817	9.407	12	709.233	8.710	12	710.625	3.928	12	713.883	9.480	12	740.200	689.900
OXYGEN	P300	mg/L	11.300	1.216	12	12.400	0.388	12	11.233	0.656	12	9.242	0.368	12	13.500	8.800
PCTSAT	P301	%	96.208	4.169	12	98.292	2.742	12	98.858	2.492	12	95.008	4.084	12	106.300	89.300
FC	P31616	#/100ml	8.083	3.679	12	2.417	2.151	12	4.909	5.576	11	34.333	42.549	12	160.000	1.000U
PH	P400	units	7.491	0.522	11	7.542	0.444	12	7.483	0.383	12	7.317	0.327	12	8.400	6.800
SUSSOL	P530	mg/L	7.500	10.732	12	4.000	6.453	12	4.833	3.070	12	3.000	0.894	11	34.000	1.000K
FLOW	P60	CFS	840.727	1118.679	11	500.417	262.933	12	897.750	805.785	12	1175.333	1458.182	12	4310.000	150.000
TPN	P600	mg/L	0.100	0.023	4	0.091	0.021	3	0.075	0.014	2	0.057	0.028	3	0.123	0.032
NH3_N	P610	mg/L	0.018	0.011	12	0.012	0.003	12	0.012	0.005	11	0.012	0.004	12	0.044	0.010U
NO2_DIS	P613	mg/L	0.010	0.000	8	0.010	0.000	9	0.010	0.000	9	0.010	0.000	9	0.010	0.010K
NO2_NO3	P630	mg/L	0.036	0.021	11	0.038	0.018	12	0.016	0.014	11	0.013	0.007	12	0.070	0.010U
TP_P	P665	mg/L	0.019	0.016	12	0.015	0.011	12	0.011	0.003	11	0.012	0.003	12	0.060	0.010U
OP_DIS	P671	mg/L	0.009	0.002	11	0.009	0.002	12	0.009	0.002	12	0.009	0.002	12	0.010	0.005U
TURB	P82079	NTU	4.358	7.037	12	2.000	2.595	12	2.417	2.828	12	1.445	0.547	11	24.000	0.500
COND	P95	umhos	63.750	11.145	12	63.083	8.436	12	55.667	7.958	12	51.917	7.501	12	83.000	36.000

Summary statistics should be used with caution because variables may not be normally distributed. Values at the detection limit were replaced with 1/2 the detection limit.

REPORT CREATION DATE: 96/09/27

QUARTERLY DATA SUMMARY--SIX YEAR AVERAGE

Station Number: 41A070 Name: CRAB CR NR BEVERLY

Class: B Elevation: 500 River Mile: 6.00

Location:
LOCATED 6 MILES FROM THE MOUTH OF CRAB CREEK AT THE BRIDGE ON LOWER CRAB CREEK ROAD, ABOUT 5.6 MILES FROM BEVERLY

Water Years Sampled:

```
5 6                 7                   8                   9
9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6
X X X X X X X X X X X X X X     X X   X X X X X X X X X X X X X X     X X X
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VARIABLE	P-CODE	UNITS	---OCTOBER-DECEMBER--- MEAN	STD. DEV.	N	-----JANUARY-MARCH---- MEAN	STD. DEV.	N	------APRIL-JUNE------ MEAN	STD. DEV.	N	----JULY-SEPTEMBER---- MEAN	STD. DEV.	N	-----SIX YEAR------ MAX	MIN
TEMP	P10	C	7.692	3.661	12	5.950	3.584	12	14.775	2.686	12	20.408	1.955	12	22.800	0.000
PRESS	P25	mmHg	750.125	15.828	12	752.075	6.249	12	749.642	1.837	12	747.717	6.087	12	762.800	702.300
OXYGEN	P300	mg/L	12.250	1.522	12	13.367	1.200	12	10.075	1.274	12	9.400	1.440	12	14.900	5.900
PCTSAT	P301	%	103.042	6.509	12	108.867	16.357	12	99.933	9.380	12	105.275	16.938	12	133.200	63.600
FC	P31616	#/100ml	37.273	28.695	11	19.083	33.937	12	177.083	216.237	12	105.833	93.582	12	720.000	2.000
PH	P400	units	8.427	0.233	11	8.692	0.198	12	8.525	0.226	12	8.475	0.238	12	9.100	8.000
SUSSOL	P530	mg/L	12.167	5.589	12	21.250	6.730	12	87.333	40.257	12	46.818	32.068	11	195.000	3.000
FLOW	P60	CFS	261.583	65.228	12	171.083	29.044	12	253.417	16.610	12	286.250	46.016	12	388.000	125.000
TPN	P600	mg/L	2.436	0.725	6	3.360	0.299	6	1.625	0.431	6	1.582	0.248	6	3.700	1.170
NH3_N	P610	mg/L	0.015	0.008	12	0.026	0.031	12	0.014	0.005	11	0.015	0.005	12	0.120	0.010U
NO2_DIS	P613	mg/L	0.010	0.000	6	0.013	0.005	6	0.012	0.004	6	0.015	0.004	6	0.021	0.010K
NO2_N	P615	mg/L	0.013	0.006	3	0.017	0.006	3	0.020	0.000	2	0.013	0.006	3	0.020	0.010
NH3_UN	P619	mg/L	0.001	0.000	13	0.002	0.001	12	0.003	0.001	10	0.002	0.002	10	0.007	0.000
NO3_N	P620	mg/L	2.600	0.917	3	3.000	0.624	3	1.200	0.707	2	1.095	0.573	2	3.700	0.690
NO2_NO3	P630	mg/L	2.222	0.928	12	2.973	0.277	12	1.209	0.260	12	1.223	0.105	12	3.630	0.150
TP_P	P665	mg/L	0.071	0.027	12	0.115	0.054	12	0.128	0.064	12	0.076	0.035	12	0.262	0.028
OP_DIS	P671	mg/L	0.048	0.029	12	0.051	0.035	12	0.016	0.006	12	0.011	0.004	12	0.140	0.007
COLOR	P80	Pt-Co	25.000	5.657	2	107.500	74.246	2	19.667	6.110	3	43.333	19.035	3	160.000	13.000
TURB	P82079	NTU	4.575	2.394	12	7.750	3.322	12	23.217	12.330	12	13.825	9.199	12	50.000	0.800
COND	P95	umhos	686.583	106.815	12	840.917	89.113	12	552.167	51.212	12	524.167	40.380	12	1053.000	454.000

Summary statistics should be used with caution because variables may not be normally distributed. Values at the detection limit were replaced with 1/2 the detection limit.

REPORT CREATION DATE: 96/09/27

QUARTERLY DATA SUMMARY--SIX YEAR AVERAGE

Station Number: 45A070 Name: WENATCHEE R @ WENATCHEE Class: A Elevation: 600 River Mile: 1.10

Location:
LOCATED 1.1 MILES FROM THE MOUTH OF THE WENATCHEE RIVER, 1.5 MILES NORTH OF WENATCHEE AT THE BRIDGE CROSSING HIGHWAYS 2-97

Water Years Sampled:

5	6							7								8												9					
9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6
X	X	X	X	X	X	X	X			X	X		X			X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

VARIABLE	P-CODE	UNITS	---OCTOBER-DECEMBER---			-----JANUARY-MARCH----			------APRIL-JUNE------			----JULY-SEPTEMBER----			-----SIX YEAR------	
			MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MAX	MIN
TEMP	P10	C	6.424	4.186	17	3.687	1.914	15	8.728	2.256	18	17.094	2.581	17	21.200	0.200
PRESS	P25	mmHg	745.641	5.610	17	744.413	5.945	15	742.056	4.054	18	742.217	5.195	18	757.700	734.300
OXYGEN	P300	mg/L	13.535	1.112	17	13.773	0.949	15	12.106	1.082	18	10.572	0.832	18	15.600	9.500
PCTSAT	P301	%	111.182	6.823	17	106.027	4.219	15	105.828	4.867	18	108.994	10.304	18	128.000	84.600
FC	P31616	#/100ml	8.588	11.108	17	12.733	30.902	15	9.688	12.991	16	22.778	30.532	18	130.000	1.000U
COD	P340	mg/L	9.000	2.160	4	6.667	1.528	3	9.667	1.155	3	6.000	1.000	3	12.000	5.000K
PH	P400	units	8.160	0.585	15	7.973	0.467	15	7.765	0.540	17	8.150	0.633	18	9.400	6.800
SUSSOL	P530	mg/L	5.941	7.822	17	5.333	4.419	15	12.167	16.508	18	2.882	1.364	17	66.000	1.000K
FLOW	P60	CFS	2765.118	5416.599	17	1843.867	860.975	15	6187.778	2878.524	18	1734.889	1796.464	18	22700.000	302.000
TPN	P600	mg/L	0.326	0.106	6	0.235	0.041	5	0.146	0.087	6	0.246	0.103	6	0.482	0.072
NH3_N	P610	mg/L	0.011	0.003	17	0.011	0.002	15	0.010	0.001	18	0.013	0.007	18	0.040	0.010U
NO2_DIS	P613	mg/L	0.010	0.000	11	0.010	0.000	10	0.010	0.000	12	0.010	0.000	12	0.010	0.010K
NO2_N	P615	mg/L	0.010	0.000	3	0.010	0.000	3	0.010	0.000	2	0.010	0.000	3	0.010	0.010K
NH3_UN	P619	mg/L	0.001	0.001	12	0.000	0.001	9	0.001	0.001	8	0.002	0.002	10	0.008	0.000
NO3_N	P620	mg/L	0.167	0.055	3	0.107	0.057	3	0.060	0.028	2	0.185	0.120	2	0.270	0.040
NO2_NO3	P630	mg/L	0.178	0.100	17	0.111	0.049	15	0.046	0.021	18	0.151	0.086	18	0.351	0.010K
TP_P	P665	mg/L	0.014	0.005	17	0.012	0.004	15	0.015	0.016	18	0.011	0.002	18	0.079	0.010U
OP_DIS	P671	mg/L	0.010	0.001	17	0.009	0.002	15	0.009	0.002	17	0.009	0.002	18	0.011	0.005U
COLOR	P80	Pt-Co	14.000	4.041	7	14.500	14.849	2	15.000	19.799	2	12.000	19.053	3	34.000	1.000
TURB	P82079	NTU	1.724	2.014	17	1.193	1.142	15	3.128	5.640	18	1.047	0.535	17	25.000	0.300
COND	P95	umhos	70.059	23.626	17	70.800	12.001	15	47.222	18.857	18	61.056	16.896	18	109.000	28.000

Summary statistics should be used with caution because variables may not be normally distributed. Values at the detection limit were replaced with 1/2 the detection limit.

REPORT CREATION DATE: 96/09/27

QUARTERLY DATA SUMMARY--SIX YEAR AVERAGE

Station Number: 45A110 Name: WENATCHEE R NR LEAVENWORTH Class: AA Elevation: 1665 River Mile: 35.60

Location:
LOCATED AT THE UPPER END OF TUMWATER CANYON ON THE US HIGHWAY 2 BRIDGE
AT TUMWATER CAMPGROUND

Water Years Sampled:

5	6						7								8									9						
9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6
																												X	X	X	X	X	X	X	X	X	X

VARIABLE	P-CODE	UNITS	---OCTOBER-DECEMBER---			-----JANUARY-MARCH----			------APRIL-JUNE------			----JULY-SEPTEMBER----			-----SIX YEAR------	
			MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MAX	MIN
TEMP	P10	C	5.878	3.660	18	2.478	1.485	18	7.089	2.183	18	14.947	2.430	17	19.200	0.000
PRESS	P25	mmHg	719.644	6.493	18	719.439	4.776	18	717.417	3.328	18	719.741	5.632	17	735.100	708.400
OXYGEN	P300	mg/L	12.067	1.198	18	12.983	0.565	18	11.517	0.711	18	9.725	0.382	16	14.400	9.200
PCTSAT	P301	%	101.256	4.639	18	100.278	2.483	18	100.033	2.534	18	101.581	4.067	16	114.300	93.700
FC	P31616	#/100ml	2.222	2.045	18	1.353	0.862	17	2.059	2.461	17	2.176	1.380	17	11.000	1.000U
PH	P400	units	7.763	0.405	16	7.656	0.370	18	7.694	0.553	17	7.794	0.378	17	8.600	6.100
SUSSOL	P530	mg/L	4.611	6.740	18	6.667	8.657	18	8.611	10.733	18	2.063	0.929	16	42.000	1.000U
FLOW	P60	CFS	1605.056	2714.217	18	1244.167	632.190	18	4486.111	2057.300	18	1450.294	1488.695	17	11300.000	243.000
TPN	P600	mg/L	0.081	0.037	6	0.108	0.024	6	0.140	0.068	6	0.051	0.033	5	0.261	0.021
NH3_N	P610	mg/L	0.011	0.002	18	0.012	0.004	18	0.012	0.004	18	0.012	0.005	17	0.030	0.010U
NO2_DIS	P613	mg/L	0.010	0.000	11	0.010	0.000	12	0.010	0.000	12	0.010	0.000	12	0.010	0.010K
NO2_N	P615	mg/L	0.010	0.000	3	0.010	0.000	3	0.010	0.000	2	0.010	0.000	3	0.010	0.010K
NH3_UN	P619	mg/L	0.000	0.000	12	0.000	0.000	12	0.000	0.000	8	0.000	0.001	10	0.003	0.000
NO3_N	P620	mg/L	0.030	0.028	2	0.043	0.006	3	0.045	0.007	2	0.015	0.007	2	0.050	0.010K
NO2_NO3	P630	mg/L	0.028	0.019	18	0.054	0.023	18	0.052	0.020	18	0.012	0.004	17	0.139	0.010U
TP_P	P665	mg/L	0.012	0.004	18	0.012	0.004	18	0.016	0.016	18	0.011	0.002	17	0.070	0.010U
OP_DIS	P671	mg/L	0.010	0.001	17	0.009	0.002	18	0.009	0.002	17	0.009	0.002	17	0.010	0.005U
COLOR	P80	Pt-Co	4.000	0.000	2	6.667	2.309	3	5.000	6.928	3	15.000	19.799	2	29.000	1.000
TURB	P82079	NTU	1.079	0.813	18	1.022	0.894	18	1.994	2.623	18	0.900	0.466	16	12.000	0.020
COND	P95	umhos	39.222	8.517	18	38.611	6.723	18	32.944	9.896	18	35.412	6.226	17	64.000	20.000

Summary statistics should be used with caution because variables may not be normally distributed. Values at the detection limit were replaced with 1/2 the detection limit.

REPORT CREATION DATE: 96/09/27

QUARTERLY DATA SUMMARY--SIX YEAR AVERAGE

Station Number: 46A070 Name: ENTIAT R NR ENTIAT Class: A Elevation: 660 River Mile: 1.50

Location:
LOCATED AT A PRIVATE BRIDGE 1.2 MILES FROM HIGHWAY 97 JUST OFF THE ENTIAT RIVER ROAD APPROXIMATELY 1.5 MILES WEST OF ENTIAT

Water Years Sampled:

5 6	7	8	9
9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6			
X X X X X X X X X X X X X X X X X X X X X X X X X X X X X X X X X X X X X			

VARIABLE	P-CODE	UNITS	---OCTOBER-DECEMBER---			-----JANUARY-MARCH----			------APRIL-JUNE------			----JULY-SEPTEMBER----			-----SIX YEAR------	
			MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MAX	MIN
TEMP	P10	C	5.033	4.141	12	2.983	2.143	12	7.675	1.374	12	15.883	2.629	12	19.400	0.100
PRESS	P25	mmHg	743.442	6.644	12	742.675	4.774	12	740.958	3.593	12	740.500	6.715	12	755.700	729.700
OXYGEN	P300	mg/L	13.025	1.284	12	13.350	1.087	12	11.833	0.540	12	10.058	0.521	12	15.400	9.100
PCTSAT	P301	%	103.383	3.322	12	101.050	4.303	12	101.317	3.023	12	103.533	5.169	12	115.000	92.300
FC	P31616	#/100ml	10.417	13.453	12	10.250	13.143	12	27.083	33.353	12	6.333	4.942	12	97.000	1.000K
PH	P400	units	7.980	0.225	10	8.083	0.190	12	7.967	0.452	12	8.100	0.433	12	9.200	7.200
SUSSOL	P530	mg/L	8.250	16.901	12	5.333	4.141	12	29.417	54.066	12	3.417	2.678	12	198.000	1.000U
FLOW	P60	CFS	241.500	197.536	8	185.222	90.076	9	1343.556	716.982	9	422.556	396.821	9	2590.000	53.000
TPN	P600	mg/L	0.255	0.041	6	0.208	0.059	6	0.186	0.189	6	0.153	0.056	6	0.552	0.029
NH3_N	P610	mg/L	0.010	0.000	12	0.010	0.000	12	0.011	0.003	12	0.012	0.004	12	0.022	0.010U
NO2_DIS	P613	mg/L	0.010	0.000	6	0.010	0.000	6	0.010	0.000	6	0.010	0.000	6	0.010	0.010K
NO2_N	P615	mg/L	0.010	0.000	3	0.010	0.000	3	0.010	0.000	2	0.010	0.000	3	0.010	0.010K
NH3_UN	P619	mg/L	0.000	0.001	13	0.000	0.000	12	0.001	0.001	8	0.001	0.001	10	0.003	0.000
NO3_N	P620	mg/L	0.100	0.014	2	0.120	0.066	3	0.020	0.014	2	0.140	0.099	2	0.210	0.010
NO2_NO3	P630	mg/L	0.135	0.081	12	0.126	0.064	12	0.034	0.034	12	0.068	0.049	12	0.270	0.010K
TP_P	P665	mg/L	0.012	0.004	12	0.016	0.007	12	0.031	0.065	12	0.012	0.004	12	0.238	0.010U
OP_DIS	P671	mg/L	0.010	0.001	12	0.009	0.002	12	0.009	0.002	12	0.009	0.002	12	0.013	0.005U
COLOR	P80	Pt-Co	8.000	0.000	2	12.333	11.150	3	3.333	4.041	3	11.000	14.142	2	25.000	1.000
TURB	P82079	NTU	1.142	1.241	12	1.217	1.262	12	6.075	13.890	12	0.883	0.549	12	50.000	0.300
COND	P95	umhos	87.417	26.044	12	102.167	22.388	12	57.083	23.181	12	72.917	22.023	12	152.000	32.000

Summary statistics should be used with caution because variables may not be normally distributed. Values at the detection limit were replaced with 1/2 the detection limit.

REPORT CREATION DATE: 96/09/27

QUARTERLY DATA SUMMARY--SIX YEAR AVERAGE

Station Number: 48A070 Name: METHOW R NR PATEROS Class: A Elevation: 870 River Mile: 5.00

Location:
LOCATED 5 MILES FROM THE MOUTH OF THE METHOW RIVER, 3.6 MILES FROM THE JUNCTION OF HIGHWAYS 153 AND 97 AT THE BRIDGE ON HIGHWAY 153 NORTHWEST OF PATEROS

Water Years Sampled:

5 6	7	8	9
9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6			
X X X X X X X X	X	X X	X X X X X X X X X X X X X X X X X X X X X X

VARIABLE	P-CODE	UNITS	---OCTOBER-DECEMBER---			-----JANUARY-MARCH----			------APRIL-JUNE------			----JULY-SEPTEMBER----			-----SIX YEAR------	
			MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MAX	MIN
TEMP	P10	C	5.039	3.787	18	3.550	2.593	16	9.189	2.093	18	15.383	2.556	18	19.800	0.000
PRESS	P25	mmHg	738.394	7.008	18	738.463	5.764	16	737.100	4.728	18	738.228	5.183	18	752.600	724.200
OXYGEN	P300	mg/L	12.844	1.272	18	13.156	1.001	16	11.244	0.625	18	10.011	0.544	18	14.700	9.000
PCTSAT	P301	%	102.717	3.681	18	101.600	1.997	16	100.239	1.903	18	102.256	3.226	18	111.900	94.400
FC	P31616	#/100ml	1.944	1.434	18	1.250	0.577	16	16.722	25.223	18	7.111	7.467	18	84.000	1.000U
PH	P400	units	8.206	0.168	17	8.250	0.261	16	8.022	0.229	18	8.317	0.440	18	9.500	7.500
SUSSOL	P530	mg/L	1.889	1.278	18	3.125	2.156	16	17.167	25.789	18	2.778	3.001	18	112.000	1.000U
FLOW	P60	CFS	507.944	385.373	18	456.563	257.892	16	3552.889	2403.208	18	964.000	886.002	18	8300.000	263.000
TPN	P600	mg/L	0.286	0.039	6	0.288	0.070	6	0.176	0.125	6	0.234	0.098	6	0.393	0.056
NH3_N	P610	mg/L	0.010	0.000	18	0.010	0.001	16	0.010	0.000	18	0.012	0.005	18	0.030	0.010U
NO2_DIS	P613	mg/L	0.010	0.000	11	0.010	0.000	10	0.010	0.000	12	0.010	0.000	12	0.010	0.010K
NO2_N	P615	mg/L	0.010	0.000	3	0.010	0.000	3	0.010	0.000	2	0.010	0.000	3	0.010	0.010K
NH3_UN	P619	mg/L	0.000	0.000	12	0.001	0.001	9	0.000	0.001	8	0.001	0.000	10	0.003	0.000
NO3_N	P620	mg/L	0.230	0.000	2	0.207	0.032	3	0.065	0.049	2	0.205	0.106	2	0.280	0.030
NO2_NO3	P630	mg/L	0.191	0.059	18	0.187	0.074	16	0.055	0.031	18	0.128	0.075	18	0.355	0.018
TP_P	P665	mg/L	0.011	0.003	18	0.012	0.003	16	0.017	0.025	18	0.011	0.002	18	0.115	0.010U
OP_DIS	P671	mg/L	0.010	0.001	17	0.009	0.002	16	0.009	0.002	18	0.009	0.002	18	0.013	0.005U
COLOR	P80	Pt-Co	4.000	0.000	2	4.000	0.000	2	3.333	4.041	3	11.000	14.142	2	21.000	1.000
TURB	P82079	NTU	0.639	0.273	18	0.969	0.927	16	4.789	10.262	18	0.728	0.332	18	45.000	0.300
COND	P95	umhos	169.333	40.773	18	178.250	21.986	16	98.889	34.021	18	143.000	36.924	18	300.000	59.000

Summary statistics should be used with caution because variables may not be normally distributed. Values at the detection limit were replaced with 1/2 the detection limit.

REPORT CREATION DATE: 96/09/27

QUARTERLY DATA SUMMARY--SIX YEAR AVERAGE

Station Number: 48A140 Name: METHOW R @ TWISP Class: A Elevation: 1552 River Mile: 39.40

Location:
THE INTERSECTION WITH WAGNER RD (GAGE HOUSE .5 MILE UP WAGNER RD).
THIS STATION WAS ACTIVATED 881001 IN LIEU OF STATION 48A130. THIS SITE
WAS NOT USED PREVIOUSLY DUE TO A WARM OUTFALL FROM THE NOW DEFUNCT PINE

Water Years Sampled:

5	6						7								8										9					
9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6
																												X	X	X		X			X	X	

VARIABLE	P-CODE	UNITS	---OCTOBER-DECEMBER---			-----JANUARY-MARCH----			------APRIL-JUNE------			----JULY-SEPTEMBER----			-----SIX YEAR------	
			MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MAX	MIN
TEMP	P10	C	4.300	3.052	12	2.983	2.117	12	6.750	1.409	12	12.342	1.934	12	15.500	0.000
PRESS	P25	mmHg	720.033	7.153	12	722.058	4.693	12	721.033	4.262	12	722.233	5.645	12	736.100	710.400
OXYGEN	P300	mg/L	12.592	0.947	12	12.792	0.667	12	11.550	0.485	12	10.050	0.739	12	14.100	7.900
PCTSAT	P301	%	101.700	4.760	12	101.550	6.406	12	99.400	2.204	12	98.617	9.155	12	119.800	71.400
FC	P31616	#/100ml	3.833	3.881	12	2.167	1.946	12	18.500	23.838	12	13.000	13.170	12	68.000	1.000K
PH	P400	units	8.100	0.228	11	8.308	0.429	12	7.867	0.246	12	8.083	0.374	12	8.800	7.300
SUSSOL	P530	mg/L	1.417	0.900	12	1.833	0.835	12	17.750	28.933	12	1.333	0.651	12	103.000	1.000U
FLOW	P60	CFS	519.250	489.836	12	343.273	154.675	11	3620.333	2494.594	12	1167.083	983.638	12	7610.000	192.000
TPN	P600	mg/L	0.220	0.027	3	0.194	0.054	3	0.214	0.134	3	0.219	0.104	3	0.349	0.082
NH3_N	P610	mg/L	0.011	0.003	12	0.011	0.002	12	0.011	0.001	12	0.013	0.009	12	0.040	0.010U
NO2_DIS	P613	mg/L	0.010	0.000	8	0.010	0.000	9	0.010	0.000	9	0.010	0.000	9	0.010	0.010K
NH3_UN	P619	mg/L	0.000	0.000	3	0.000	0.000	0	0.000	0.000	2	0.000	0.000	0	0.001	0.000
NO2_NO3	P630	mg/L	0.136	0.052	12	0.127	0.034	12	0.057	0.038	12	0.105	0.077	12	0.287	0.016
TP_P	P665	mg/L	0.010	0.000	12	0.010	0.000	12	0.019	0.026	12	0.010	0.000	12	0.101	0.010U
OP_DIS	P671	mg/L	0.010	0.002	11	0.009	0.002	12	0.009	0.002	12	0.009	0.002	12	0.010	0.005U
TURB	P82079	NTU	0.675	0.325	12	0.700	0.519	12	5.117	11.099	12	0.558	0.312	12	40.000	0.200
COND	P95	umhos	133.917	25.325	12	145.167	17.979	12	95.833	35.524	12	119.667	29.788	12	194.000	59.000

Summary statistics should be used with caution because variables may not be normally distributed. Values at the detection limit were replaced with 1/2 the detection limit.

REPORT CREATION DATE: 96/09/27

QUARTERLY DATA SUMMARY--SIX YEAR AVERAGE

Station Number: 49A070 Name: OKANOGAN R @ MALOTT Class: A Elevation: 780 River Mile: 17.00

Location:
LOCATED AT THE MALOTT BRIDGE CROSSING THE OKANOGAN RIVER, JUST WEST OF HIGHWAY 97

Water Years Sampled:

5 6	7	8	9
9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6			
	X X X X	X X X X X X X X X X X X X X X X X X X X X X X X	

VARIABLE	P-CODE	UNITS	---OCTOBER-DECEMBER---			-----JANUARY-MARCH----			------APRIL-JUNE------			----JULY-SEPTEMBER----			-----SIX YEAR------	
			MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MAX	MIN
TEMP	P10	C	5.700	4.585	18	2.560	2.608	15	11.217	2.639	18	19.450	2.832	18	24.900	-0.100
PRESS	P25	mmHg	741.772	7.058	18	742.293	4.660	15	740.656	5.183	18	741.739	4.906	18	755.700	727.700
OXYGEN	P300	mg/L	11.922	1.655	18	12.867	1.107	15	10.311	0.627	18	8.500	0.788	18	14.700	7.300
PCTSAT	P301	%	96.100	6.625	18	96.293	2.860	15	95.794	2.898	18	93.656	4.616	18	115.200	88.700
FC	P31616	#/100ml	22.611	34.016	18	8.600	11.630	15	38.833	32.433	18	37.833	22.049	18	150.000	1.000K
PH	P400	units	8.135	0.234	17	8.173	0.328	15	8.017	0.179	18	8.217	0.322	18	8.800	7.100
SUSSOL	P530	mg/L	29.556	94.725	18	11.000	12.867	15	56.389	60.863	18	10.944	10.298	18	405.000	1.000U
FLOW	P60	CFS	1770.444	2147.510	18	1700.733	1142.910	15	6808.889	5040.965	18	2559.500	2012.859	18	16800.000	530.000A
TPN	P600	mg/L	0.191	0.032	6	0.218	0.033	6	0.150	0.073	6	0.152	0.036	6	0.261	0.039
NH3_N	P610	mg/L	0.016	0.015	18	0.011	0.002	15	0.014	0.010	18	0.013	0.007	18	0.070	0.010U
NO2_DIS	P613	mg/L	0.010	0.000	11	0.010	0.000	9	0.010	0.000	12	0.010	0.000	12	0.010	0.010K
NO2_N	P615	mg/L	0.010	0.000	3	0.010	0.000	3	0.010	0.000	2	0.010	0.000	3	0.010	0.010K
NH3_UN	P619	mg/L	0.000	0.000	12	0.001	0.001	6	0.000	0.001	8	0.001	0.000	10	0.002	0.000
NO3_N	P620	mg/L	0.035	0.021	2	0.043	0.021	3	0.030	0.014	2	0.025	0.021	2	0.060	0.010K
NO2_NO3	P630	mg/L	0.055	0.031	18	0.060	0.030	15	0.014	0.008	18	0.021	0.013	18	0.134	0.010U
TP_P	P665	mg/L	0.030	0.051	18	0.028	0.022	15	0.050	0.049	18	0.017	0.007	18	0.230	0.010U
OP_DIS	P671	mg/L	0.010	0.001	17	0.009	0.002	15	0.009	0.002	18	0.009	0.002	18	0.010	0.005U
COLOR	P80	Pt-Co	6.000	2.828	2	24.000	20.704	4	10.333	8.327	3	15.000	19.799	2	46.000	1.000
TURB	P82079	NTU	12.567	41.311	18	2.993	4.270	15	13.694	14.260	18	2.228	1.131	18	176.000	0.800
COND	P95	umhos	231.444	62.366	18	273.200	46.683	15	148.278	47.113	18	223.056	52.946	18	396.000	86.000

Summary statistics should be used with caution because variables may not be normally distributed. Values at the detection limit were replaced with 1/2 the detection limit.

REPORT CREATION DATE: 96/09/27

QUARTERLY DATA SUMMARY--SIX YEAR AVERAGE

Station Number: 49A190 Name: OKANOGAN R @ OROVILLE Class: A Elevation: 1040 River Mile: 78.00

Location:
LOCATED AT THE BRIDGE ON CHERRY (BRIDGE ST.) STREET ALSO KNOWN AS THE OROVILLE-CHESAW HIGHWAY

Water Years Sampled:

5	6						7										8												9						
9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6
		X	X	X	X	X	X										X	X		X	X	X	X	X	X	X	X	X	X	X		X		X	X	

VARIABLE	P-CODE	UNITS	---OCTOBER-DECEMBER---			-----JANUARY-MARCH----			------APRIL-JUNE------			----JULY-SEPTEMBER----			-----SIX YEAR------	
			MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MAX	MIN
TEMP	P10	C	8.150	5.087	12	1.992	1.501	12	12.467	3.770	12	20.800	1.973	12	24.800	0.000
PRESS	P25	mmHg	738.925	8.323	12	741.433	4.221	12	739.783	5.178	12	740.783	5.415	12	754.400	728.000
OXYGEN	P300	mg/L	10.608	1.466	12	13.592	0.699	12	10.867	1.647	12	8.909	0.753	11	15.100	7.800
PCTSAT	P301	%	91.108	4.909	12	100.917	8.777	12	101.900	7.692	12	101.373	10.870	11	122.800	82.300
FC	P31616	#/100ml	13.917	22.084	12	2.818	3.157	11	4.182	5.212	11	14.750	16.142	12	80.000	1.000U
PH	P400	units	8.427	0.400	11	8.450	0.297	12	8.508	0.247	12	8.508	0.261	12	9.400	7.700
SUSSOL	P530	mg/L	3.250	1.485	12	3.250	1.055	12	4.500	1.508	12	3.417	1.505	12	7.000	1.000
FLOW	P60	CFS	304.083	138.662	12	572.833	494.694	12	1265.917	998.947	12	1045.583	698.833	12	3400.000	58.000
TPN	P600	mg/L	0.228	0.079	3	0.212	0.012	3	0.234	0.034	3	0.280	0.050	3	0.337	0.175
NH3_N	P610	mg/L	0.016	0.008	12	0.014	0.009	12	0.012	0.004	12	0.013	0.009	12	0.040	0.010U
NO2_DIS	P613	mg/L	0.010	0.000	8	0.010	0.000	9	0.010	0.000	9	0.010	0.000	9	0.010	0.010K
NO2_N	P615	mg/L	0.010	0.000	3	0.010	0.000	3	0.010	0.000	2	0.010	0.000	3	0.010	0.010
NH3_UN	P619	mg/L	0.001	0.001	12	0.001	0.001	12	0.002	0.001	8	0.002	0.003	10	0.010	0.000
NO3_N	P620	mg/L	0.020	0.014	2	0.023	0.023	3	0.020	0.000	2	0.010	0.000	2	0.050	0.010K
NO2_NO3	P630	mg/L	0.031	0.026	12	0.076	0.023	12	0.015	0.017	12	0.010	0.000	12	0.110	0.010U
TP_P	P665	mg/L	0.022	0.009	12	0.016	0.005	12	0.012	0.004	12	0.013	0.004	12	0.040	0.010U
OP_DIS	P671	mg/L	0.010	0.000	11	0.009	0.002	12	0.009	0.002	12	0.009	0.002	12	0.010	0.005U
COLOR	P80	Pt-Co	12.500	6.364	2	14.333	2.309	3	7.333	6.028	3	9.000	11.314	2	17.000	1.000
TURB	P82079	NTU	1.300	0.435	12	1.033	0.290	12	1.517	0.486	12	1.508	0.602	12	3.000	0.600
COND	P95	umhos	283.167	25.197	12	299.500	42.348	12	279.083	22.484	12	255.167	16.954	12	426.000	228.000

Summary statistics should be used with caution because variables may not be normally distributed. Values at the detection limit were replaced with 1/2 the detection limit.

REPORT CREATION DATE: 96/09/27

QUARTERLY DATA SUMMARY--SIX YEAR AVERAGE

Station Number: 49B070 Name: SIMILKAMEEN R @ OROVILLE Class: A Elevation: 960 River Mile: 5.00

Location:
LOCATED .2 MILES WEST OF HIGHWAY 97 AT THE BRIDGE ON 12TH AVENUE
(WANNACUT LAKE ROAD) IN OROVILLE

Water Years Sampled:

5	6						7								8										9					
9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6
	X	X	X	X	X	X											X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

VARIABLE	P-CODE	UNITS	---OCTOBER-DECEMBER---			-----JANUARY-MARCH----			------APRIL-JUNE------			----JULY-SEPTEMBER----			-----SIX YEAR------	
			MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MAX	MIN
TEMP	P10	C	5.128	4.033	18	2.650	2.434	16	9.094	3.147	18	16.839	2.791	18	22.400	-0.200
PRESS	P25	mmHg	739.778	7.185	18	740.131	4.447	16	738.983	5.188	18	739.528	6.075	18	754.400	723.900
OXYGEN	P300	mg/L	12.822	1.617	18	13.319	0.945	16	11.778	0.831	18	9.672	0.607	18	15.100	8.400
PCTSAT	P301	%	102.289	5.162	18	100.288	2.122	16	104.344	4.485	18	101.594	3.966	18	114.500	93.300
FC	P31616	#/100ml	3.611	6.270	18	1.688	1.778	16	14.667	14.163	18	14.353	14.287	17	54.000	1.000U
PH	P400	units	8.212	0.346	17	8.325	0.371	16	8.217	0.387	18	8.239	0.331	18	9.000	7.300
SUSSOL	P530	mg/L	18.722	50.916	18	5.375	7.588	16	50.278	67.994	18	6.444	7.770	18	248.000	1.000U
FLOW	P60	CFS	1454.111	1894.080	18	890.071	531.471	14	5427.500	3666.540	18	1724.833	1609.894	18	12500.000	159.000
TPN	P600	mg/L	0.078	0.013	6	0.096	0.021	6	0.130	0.093	6	0.085	0.042	6	0.306	0.036
NH3_N	P610	mg/L	0.013	0.010	18	0.011	0.003	16	0.014	0.015	18	0.011	0.005	18	0.074	0.010U
NO2_DIS	P613	mg/L	0.010	0.000	11	0.010	0.000	10	0.010	0.000	12	0.010	0.000	12	0.010	0.010K
NO2_N	P615	mg/L	0.010	0.000	3	0.010	0.000	3	0.010	0.000	2	0.010	0.000	3	0.010	0.010K
NH3_UN	P619	mg/L	0.000	0.000	12	0.001	0.001	7	0.001	0.001	8	0.001	0.001	10	0.003	0.000
NO3_N	P620	mg/L	0.025	0.021	2	0.010	0.000	3	0.025	0.007	2	0.010	0.000	2	0.040	0.010K
NO2_NO3	P630	mg/L	0.025	0.018	18	0.027	0.019	16	0.012	0.007	18	0.011	0.002	18	0.070	0.010U
TP_P	P665	mg/L	0.023	0.040	18	0.013	0.008	16	0.032	0.032	18	0.012	0.004	18	0.180	0.010U
OP_DIS	P671	mg/L	0.010	0.001	17	0.009	0.002	16	0.009	0.002	18	0.009	0.002	18	0.011	0.005U
COLOR	P80	Pt-Co	4.000	0.000	2	19.857	12.602	7	15.333	10.599	3	21.500	28.991	2	80.000	1.000
TURB	P82079	NTU	5.800	17.122	18	1.963	1.904	16	12.550	16.616	18	2.267	2.113	18	74.000	0.500
COND	P95	umhos	169.722	40.556	18	205.250	39.092	16	116.778	36.338	18	160.722	36.774	18	316.000	80.000

Summary statistics should be used with caution because variables may not be normally distributed. Values at the detection limit were replaced with 1/2 the detection limit.

REPORT CREATION DATE: 96/09/27

QUARTERLY DATA SUMMARY--SIX YEAR AVERAGE

Station Number: 52A110 Name: SANPOIL R 13 MI S. REPUBLIC Class: AA Elevation: 2008 River Mile: 43.50

Location:
LOCATED AT HIGHWAY 21 BRIDGE CROSSING JUST NORTH OF GOLD CREEK ROAD.

Water Years Sampled:
5 6 7 8 9
9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6
X

VARIABLE	P-CODE	UNITS	---OCTOBER-DECEMBER---			-----JANUARY-MARCH----			------APRIL-JUNE------			----JULY-SEPTEMBER----			-----SIX YEAR------	
			MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MAX	MIN
TEMP	P10	C	3.767	3.958	3	1.700	0.265	3	6.200	2.706	3	11.733	0.416	3	12.200	1.000
CR	P1118	ug/L	0.000	0.000	0	5.000	0.000	2	0.000	0.000	0	0.000	0.000	0	5.000	5.000U
PRESS	P25	mmHg	709.833	9.074	3	708.333	9.829	3	711.733	5.424	3	717.567	8.119	3	722.600	699.300
OXYGEN	P300	mg/L	11.867	1.250	3	12.167	0.379	3	10.867	0.569	3	9.533	0.416	3	13.100	9.200
PCTSAT	P301	%	95.733	2.155	3	93.633	3.272	3	93.367	1.069	3	92.833	4.670	3	97.900	88.700
FC	P31616	#/100ml	16.000	25.120	3	122.333	205.841	3	364.667	441.164	3	52.667	35.005	3	860.000	1.000U
PH	P400	units	7.933	0.058	3	7.767	0.058	3	7.667	0.153	3	8.000	0.100	3	8.100	7.500
SUSSOL	P530	mg/L	1.000	0.000	3	13.000	14.177	3	25.000	13.077	3	3.667	2.887	3	40.000	1.000U
FLOW	P60	CFS	9.333	3.055	3	40.667	25.697	3	273.333	85.489	3	27.333	17.214	3	330.000	6.000
TPN	P600	mg/L	0.164	0.067	3	0.565	0.296	3	0.438	0.027	3	0.159	0.032	3	0.902	0.102
NH3_N	P610	mg/L	0.010	0.000	3	0.069	0.102	3	0.018	0.007	3	0.011	0.001	3	0.187	0.010U
NO2_NO3	P630	mg/L	0.084	0.091	3	0.248	0.032	3	0.043	0.025	3	0.018	0.012	3	0.282	0.010U
TP_P	P665	mg/L	0.046	0.007	3	0.135	0.127	3	0.079	0.019	3	0.063	0.009	3	0.282	0.039
OP_DIS	P671	mg/L	0.036	0.010	3	0.096	0.074	3	0.039	0.006	3	0.043	0.003	3	0.181	0.026
HG	P71900	ug/L	0.000	0.000	0	0.003	0.003	2	0.000	0.000	0	0.000	0.000	0	0.005	0.001U
TURB	P82079	NTU	0.733	0.252	3	9.400	10.402	3	16.000	1.732	3	2.367	1.422	3	21.000	0.500U
HARD	P900	mg/L	0.000	0.000	0	96.000	7.071	2	0.000	0.000	0	0.000	0.000	0	113.000	91.000
COND	P95	umhos	241.333	7.638	3	204.000	12.288	3	141.000	8.718	3	236.667	12.702	3	248.000	135.000

Summary statistics should be used with caution because variables may not be normally distributed. Values at the detection limit were replaced with 1/2 the detection limit.

REPORT CREATION DATE: 96/09/27

QUARTERLY DATA SUMMARY--SIX YEAR AVERAGE

Station Number: 53A070 Name: COLUMBIA R @ GRAND COULEE Class: A Elevation: 950 River Mile: 596.00

Location:
LOCATED AT THE COULEE DAM BRIDGE .5 MILES BELOW GRAND COULEE DAM

Water Years Sampled:

5 6	7								8										9											
9 0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6
											X			X	X		X	X	X	X	X	X	X	X	X	X	X	X	X		X		X	X

VARIABLE	P-CODE	UNITS	---OCTOBER-DECEMBER---			-----JANUARY-MARCH----			------APRIL-JUNE------			----JULY-SEPTEMBER----			-----SIX YEAR------	
			MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MAX	MIN
TEMP	P10	C	13.736	3.305	11	2.733	1.192	9	7.911	3.416	9	17.078	1.979	9	19.700	1.000
PRESS	P25	mmHg	739.191	9.694	11	736.622	7.593	9	735.344	4.202	9	736.044	6.831	9	757.900	720.600
OXYGEN	P300	mg/L	9.164	0.797	11	12.511	0.573	9	12.067	1.050	9	9.378	0.776	9	13.600	7.900
PCTSAT	P301	%	89.955	3.065	11	95.122	4.130	9	104.300	3.469	9	99.533	6.225	9	110.000	86.200
FC	P31616	#/100ml	1.091	0.302	11	1.444	0.882	9	1.000	0.000	9	1.444	1.333	9	5.000	1.000U
PH	P400	units	7.791	0.432	11	8.089	0.247	9	7.933	0.141	9	8.022	0.186	9	8.400	6.800
SUSSOL	P530	mg/L	2.000	1.612	11	1.556	1.014	9	1.778	0.833	9	1.111	0.333	9	6.000	1.000U
FLOW	P60	CFS	120227.273	38021.128	11	138955.556	28708.366	9	152266.667	50977.054	9	107744.444	16709.512	9	218000.000	53800.000
TPN	P600	mg/L	0.156	0.048	3	0.231	0.079	3	0.217	0.014	3	0.137	0.021	3	0.304	0.107
NH3_N	P610	mg/L	0.010	0.001	11	0.013	0.005	9	0.017	0.007	9	0.019	0.010	9	0.040	0.010U
NO2_DIS	P613	mg/L	0.010	0.000	8	0.010	0.000	6	0.010	0.000	6	0.010	0.000	6	0.010	0.010K
NO2_N	P615	mg/L	0.010	0.000	3	0.010	0.000	3	0.010	0.000	2	0.010	0.000	3	0.010	0.010K
NH3_UN	P619	mg/L	0.000	0.000	14	0.000	0.000	12	0.000	0.001	8	0.000	0.000	10	0.001	0.000
NO3_N	P620	mg/L	0.093	0.012	3	0.093	0.029	3	0.075	0.049	2	0.060	0.028	2	0.110	0.040
NO2_NO3	P630	mg/L	0.085	0.010	11	0.143	0.037	9	0.091	0.049	9	0.065	0.035	9	0.222	0.020
TP_P	P665	mg/L	0.016	0.005	11	0.015	0.005	9	0.013	0.004	9	0.011	0.001	9	0.021	0.010U
OP_DIS	P671	mg/L	0.011	0.005	11	0.010	0.004	9	0.008	0.003	9	0.009	0.002	9	0.020	0.005U
COLOR	P80	Pt-Co	5.333	2.309	3	9.000	11.314	2	9.000	11.314	2	13.333	21.362	3	38.000	1.000
TURB	P82079	NTU	0.618	0.299	11	1.156	1.093	9	1.289	0.889	9	0.744	0.230	9	3.700	0.300
COND	P95	umhos	123.545	16.711	11	136.889	10.493	9	134.556	29.610	9	128.333	11.236	9	210.000	80.000

Summary statistics should be used with caution because variables may not be normally distributed. Values at the detection limit were replaced with 1/2 the detection limit.

REPORT CREATION DATE: 96/09/27

QUARTERLY DATA SUMMARY--SIX YEAR AVERAGE

Station Number: 54A120 Name: SPOKANE R @ RIVERSIDE STATE PK Class: A Elevation: 1640 River Mile: 66.00

Location:
LOCATED IN SPOKANE AT RIVERSIDE STATE PARK ON THE WOODEN, SWINGING, FOOT BRIDGE

Water Years Sampled:

5	6						7								8									9						
9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6
												X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

VARIABLE	P-CODE	UNITS	---OCTOBER-DECEMBER---			-----JANUARY-MARCH----			------APRIL-JUNE------			----JULY-SEPTEMBER----			-----SIX YEAR------	
			MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MAX	MIN
TEMP	P10	C	9.311	3.314	18	4.006	1.024	18	10.061	4.386	18	16.900	1.719	18	19.300	2.600J
ZN	P1094	ug/L	79.667	40.643	6	102.167	10.028	6	84.667	42.288	6	36.000	16.697	6	143.000	9.000J
CD	P1113	ug/L	0.193	0.046	4	0.470	0.224	6	0.598	0.195	4	0.187	0.042	3	0.860	0.130V
PB	P1114	ug/L	1.467	0.294	6	4.900	2.278	6	4.250	0.636	2	1.550	0.252	4	7.900	1.100
CR	P1118	ug/L	0.487	0.157	6	0.524	0.497	5	0.570	0.341	4	0.393	0.212	3	1.400	0.200K
CU	P1119	ug/L	3.567	1.970	6	3.250	2.726	6	2.750	1.500	4	3.750	1.500	4	8.800	2.000K
PRESS	P25	mmHg	719.072	8.566	18	719.247	6.123	17	717.922	2.755	18	716.418	8.359	17	732.500	692.400
OXYGEN	P300	mg/L	11.572	0.972	18	13.428	0.859	18	12.278	1.373	18	9.906	0.354	18	14.800	9.300
PCTSAT	P301	%	105.883	5.241	18	108.161	6.872	18	113.900	4.822	18	107.822	3.188	18	121.800	98.300
FC	P31616	#/100ml	99.944	184.925	18	166.118	525.983	17	44.824	66.194	17	57.833	103.067	18	2200.000	1.000K
COD	P340	mg/L	7.200	1.924	5	16.400	8.591	5	10.333	4.926	6	4.600	2.702	5	29.000	2.000K
PH	P400	units	8.128	0.366	18	7.817	0.391	18	8.028	0.330	18	8.278	0.193	18	8.700	7.200
SUSSOL	P530	mg/L	2.222	1.114	18	20.059	64.482	17	8.778	21.051	18	2.059	0.966	17	270.000	1.000K
FLOW	P60	CFS	3277.222	3304.327	18	6873.333	5001.473	18	10560.556	5775.019	18	1821.722	1343.129	18	24100.000	302.000
TPN	P600	mg/L	0.744	0.165	6	0.640	0.193	6	0.405	0.075	5	1.256	0.344	6	1.560	0.289
NH3_N	P610	mg/L	0.125	0.127	18	0.100	0.093	17	0.048	0.034	17	0.163	0.245	17	0.654	0.010U
NO2_DIS	P613	mg/L	0.015	0.007	12	0.010	0.000	12	0.010	0.003	12	0.018	0.014	11	0.048	0.002
NO2_N	P615	mg/L	0.010	0.000	3	0.013	0.006	3	0.010	0.000	2	0.013	0.006	3	0.010	0.010K
NH3_UN	P619	mg/L	0.003	0.006	13	0.001	0.001	13	0.000	0.000	10	0.011	0.013	9	0.043	0.000
NO3_N	P620	mg/L	0.355	0.021	2	0.503	0.337	3	0.110	0.042	2	0.933	0.289	3	0.820	0.080
NO2_NO3	P630	mg/L	0.470	0.164	18	0.482	0.227	17	0.242	0.113	17	0.916	0.386	18	1.530	0.080
TP_P	P665	mg/L	0.040	0.024	18	0.065	0.041	18	0.020	0.012	17	0.022	0.007	18	0.180	0.010U
OP_DIS	P671	mg/L	0.030	0.021	18	0.043	0.021	18	0.012	0.005	18	0.013	0.005	18	0.072	0.005U
HG	P71900	ug/L	0.062	0.020	6	0.032	0.011	5	0.057	0.029	3	0.052	0.019	4	0.090	0.020K
COLOR	P80	Pt-Co	10.143	5.581	7	22.000	24.249	3	7.667	11.547	3	27.000	2.828	2	50.000	1.000
TURB	P82079	NTU	1.722	2.848	18	11.217	24.017	18	2.767	4.196	18	1.039	0.438	18	85.000	0.500
HARD	P900	mg/L	53.833	16.167	6	39.500	6.595	6	31.500	7.765	6	83.500	28.543	6	121.000	22.000
COND	P95	umhos	123.778	27.432	18	103.765	23.676	17	80.889	13.368	18	199.333	59.107	18	295.000	60.000

Summary statistics should be used with caution because variables may not be normally distributed. Values at the detection limit were replaced with 1/2 the detection limit.

QUARTERLY DATA SUMMARY--SIX YEAR AVERAGE

Station Number: 55B070 Name: LITTLE SPOKANE R NR MOUTH Class: A Elevation: 1525 River Mile: 1.10

Location:
LOCATED APPROXIMATELY 1.5 MILES UPSTREAM FROM CONFLUENCE WITH LONG LAKE
ON BRIDGE CROSSING THE LITTLE SPOKANE RIVER ON HIGHWAY 291 AT OLD FORT SPOKANE
HISTORICAL SITE

Water Years Sampled:
```
5 6                   7                   8                   9
9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6
                        X   X       X X X X X X X X X X X X X X X     X X X
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VARIABLE	P-CODE	UNITS	OCTOBER-DECEMBER MEAN	OCTOBER-DECEMBER STD. DEV.	OCTOBER-DECEMBER N	JANUARY-MARCH MEAN	JANUARY-MARCH STD. DEV.	JANUARY-MARCH N	APRIL-JUNE MEAN	APRIL-JUNE STD. DEV.	APRIL-JUNE N	JULY-SEPTEMBER MEAN	JULY-SEPTEMBER STD. DEV.	JULY-SEPTEMBER N	SIX YEAR MAX	SIX YEAR MIN
TEMP	P10	C	8.133	2.109	12	5.817	0.977	12	11.592	1.698	12	15.008	1.134	12	16.500	3.500
ZN	P1094	ug/L	3.833	2.563	6	15.500	20.983	6	5.600	3.130	5	4.833	2.317	6	58.000	2.000V
CD	P1113	ug/L	0.133	0.052	6	0.175	0.100	6	******.***	******.***	4	0.100	0.000	4	1.000	0.030
PB	P1114	ug/L	1.017	0.041	6	1.340	0.564	5	1.450	0.636	2	1.050	0.100	4	2.300	1.000K
CR	P1118	ug/L	0.783	0.243	6	0.708	0.437	5	0.978	0.409	4	0.603	0.200	4	1.500	0.300V
CU	P1119	ug/L	2.633	0.887	6	5.083	6.361	6	3.475	1.704	4	3.750	1.500	4	18.000	2.000K
PRESS	P25	mmHg	722.292	5.586	12	721.475	5.610	12	721.667	1.823	12	721.225	6.726	12	734.300	711.700
OXYGEN	P300	mg/L	10.308	0.403	12	10.583	0.341	12	9.650	0.585	12	9.467	0.401	12	11.000	8.500
PCTSAT	P301	%	91.642	3.566	12	89.017	2.317	12	93.017	4.582	12	98.467	4.304	12	105.600	84.300
FC	P31616	#/100ml	26.333	22.191	12	86.000	145.045	12	43.727	46.117	11	54.250	52.016	12	520.000	2.000
COD	P340	mg/L	0.000	0.000	0	0.000	0.000	0	0.000	0.000	0	0.000	0.000	0	4.000	4.000K
PH	P400	units	8.175	0.196	12	7.858	0.254	12	8.100	0.230	12	8.208	0.254	12	8.500	7.500
SUSSOL	P530	mg/L	5.333	3.085	12	76.091	175.749	11	12.583	5.664	12	5.091	2.663	11	600.000	2.000
FLOW	P60	CFS	398.917	41.281	12	630.333	234.238	12	607.750	187.111	12	370.750	27.733	12	1040.000	339.000
TPN	P600	mg/L	1.307	0.105	6	1.153	0.212	6	1.027	0.133	5	1.238	0.147	6	1.470	0.833
NH3_N	P610	mg/L	0.012	0.003	12	0.059	0.106	11	0.026	0.030	11	0.012	0.005	11	0.374	0.010U
NO2_DIS	P613	mg/L	0.010	0.000	6	0.010	0.000	6	0.009	0.004	6	0.010	0.000	5	0.010	0.001
NO2_N	P615	mg/L	0.010	0.000	3	0.010	0.000	3	0.010	0.000	2	0.010	0.000	3	0.010	0.010K
NH3_UN	P619	mg/L	0.000	0.001	13	0.000	0.000	13	0.000	0.000	12	0.001	0.001	9	0.003	0.000
NO3_N	P620	mg/L	0.980	0.594	2	0.953	0.431	3	0.877	0.074	3	1.100	0.000	3	1.400	0.540
NO2_NO3	P630	mg/L	1.191	0.070	12	1.055	0.202	12	0.850	0.149	11	1.128	0.092	12	1.360	0.500
TP_P	P665	mg/L	0.018	0.008	12	0.046	0.025	11	0.028	0.016	11	0.019	0.010	12	0.110	0.010U
OP_DIS	P671	mg/L	0.011	0.004	12	0.023	0.010	11	0.014	0.006	12	0.010	0.002	12	0.040	0.005U
HG	P71900	ug/L	0.074	0.026	5	0.037	0.034	6	0.023	0.025	2	0.054	0.024	4	0.110	0.002
COLOR	P80	Pt-Co	15.000	12.437	7	12.333	7.506	3	15.667	2.309	3	46.500	17.678	2	59.000	8.000
TURB	P82079	NTU	1.483	0.848	12	22.267	49.507	12	3.625	2.740	12	1.908	1.259	12	178.000	0.700
HARD	P900	mg/L	135.000	5.514	6	106.000	21.716	6	103.500	15.770	6	132.333	5.750	6	140.000	71.000
COND	P95	umhos	268.000	9.563	12	232.667	35.786	12	223.917	25.745	12	273.167	20.252	12	297.000	170.000

Summary statistics should be used with caution because variables may not be normally distributed. Values at the detection limit were replaced with 1/2 the detection limit.

REPORT CREATION DATE: 96/09/27

QUARTERLY DATA SUMMARY--SIX YEAR AVERAGE

Station Number: 56A070 Name: HANGMAN CR @ MOUTH Class: A Elevation: 1720 River Mile: 0.60

Location:
LOCATED AT THE MOUTH OF HANGMAN CREEK AT RIVERSIDE AVENUE BRIDGE IN SPOKANE

Water Years Sampled:

5 6	7											8												9						
9 0 1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6
											X				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X		X	X

VARIABLE	P-CODE	UNITS	---OCTOBER-DECEMBER---			-----JANUARY-MARCH----			------APRIL-JUNE------			----JULY-SEPTEMBER----			-----SIX YEAR------	
			MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MAX	MIN
TEMP	P10	C	6.791	3.950	11	2.540	2.030	10	13.458	3.320	12	20.658	2.351	12	23.700	0.300
PRESS	P25	mmHg	720.064	5.977	11	717.350	6.476	10	717.533	2.387	12	717.892	5.998	12	731.000	704.900
OXYGEN	P300	mg/L	13.782	0.808	11	12.470	0.718	10	10.325	0.673	12	11.550	1.480	12	15.100	8.800
PCTSAT	P301	%	119.555	17.110	11	96.710	2.095	10	104.275	7.987	12	135.667	20.938	12	157.300	93.200
FC	P31616	#/100ml	18.273	22.392	11	138.700	234.348	10	143.091	287.649	11	189.417	321.393	12	1100.000	1.000U
PH	P400	units	8.491	0.330	11	7.590	0.281	10	8.217	0.451	12	8.642	0.235	12	9.000	7.200
SUSSOL	P530	mg/L	5.818	3.459	11	256.444	647.358	9	89.583	248.870	12	9.545	12.995	11	1980.000	1.000K
FLOW	P60	CFS	17.755	20.465	11	644.800	859.590	10	393.083	731.250	12	14.667	8.327	12	2850.000	1.000
TPN	P600	mg/L	0.892	0.634	2	4.583	0.670	3	2.490	1.994	2	1.192	0.320	3	5.320	0.444
NH3_N	P610	mg/L	0.021	0.027	11	0.074	0.052	9	0.029	0.022	11	0.026	0.025	11	0.165	0.010K
NO2_DIS	P613	mg/L	0.012	0.004	9	0.014	0.006	7	0.012	0.008	9	0.014	0.007	8	0.034	0.004
NO2_N	P615	mg/L	0.013	0.006	3	0.023	0.012	3	0.010	0.000	2	0.027	0.012	3	0.020	0.010
NH3_UN	P619	mg/L	0.001	0.001	13	0.001	0.001	12	0.002	0.002	11	0.024	0.055	9	0.170	0.000
NO3_N	P620	mg/L	2.915	2.949	2	5.667	2.532	3	0.420	0.286	3	0.670	0.551	3	7.600	0.100
NO2_NO3	P630	mg/L	1.071	1.028	11	4.537	1.183	10	1.312	1.127	11	0.776	0.356	12	5.800	0.185
TP_P	P665	mg/L	0.050	0.049	11	0.219	0.146	10	0.093	0.072	11	0.067	0.075	12	0.540	0.010K
OP_DIS	P671	mg/L	0.027	0.021	11	0.079	0.020	10	0.035	0.023	12	0.029	0.024	12	0.112	0.007
COLOR	P80	Pt-Co	86.714	73.086	7	82.000	84.870	3	22.333	15.044	3	56.500	9.192	2	180.000	8.000
TURB	P82079	NTU	5.664	10.859	11	94.850	128.095	10	28.117	44.034	12	7.767	14.302	12	395.000	0.600
COND	P95	umhos	330.000	57.201	11	172.900	42.380	10	200.083	61.454	12	348.167	42.284	12	412.000	110.000

Summary statistics should be used with caution because variables may not be normally distributed. Values at the detection limit were replaced with 1/2 the detection limit.

REPORT CREATION DATE: 96/09/27

QUARTERLY DATA SUMMARY--SIX YEAR AVERAGE

Station Number: 57A150 Name: SPOKANE R @ STATELINE BR Class: A Elevation: 1980 River Mile: 96.00

Location:
LOCATED AT THE BRIDGE ON STATELINE VILLAGE ROAD, .1 MILE WEST OF THE WASHINGTON-IDAHO BORDER, 0.1 MILE NORTH OF I-90.

Water Years Sampled:

5	6						7								8										9					
9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6
X	X	X	X	X	X	X					X	X	X		X				X											X	X	X	X	X	X

VARIABLE	P-CODE	UNITS	---OCTOBER-DECEMBER---			-----JANUARY-MARCH----			------APRIL-JUNE------			----JULY-SEPTEMBER----			-----SIX YEAR------	
			MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MAX	MIN
TEMP	P10	C	9.277	4.096	13	2.507	1.258	15	9.593	5.157	15	19.947	2.299	15	25.200	0.800
ZN	P1094	ug/L	103.000	2.828	2	104.100	17.855	5	115.000	20.518	3	68.333	2.082	3	135.000	66.000
CD	P1113	ug/L	0.395	0.092	2	1.032	1.119	5	0.000	0.000	0	0.000	0.000	0	3.000	0.210V
PB	P1114	ug/L	0.000	0.000	0	6.720	7.559	5	0.000	0.000	0	0.000	0.000	0	20.000	1.000K
CR	P1118	ug/L	2.600	3.394	2	1.827	2.458	6	2.620	3.366	2	3.497	2.604	3	5.000	0.200K
CU	P1119	ug/L	0.000	0.000	0	4.780	5.176	5	0.000	0.000	0	0.000	0.000	0	14.000	2.000K
PRESS	P25	mmHg	713.577	6.584	13	712.136	5.883	14	710.987	3.652	15	712.333	4.257	15	721.100	700.000
OXYGEN	P300	mg/L	10.115	1.174	13	12.393	0.800	15	11.213	1.532	15	7.860	0.453	15	14.300	7.000
PCTSAT	P301	%	92.831	5.892	13	96.913	6.309	15	103.513	5.568	15	91.333	4.652	15	115.300	84.100
FC	P31616	#/100ml	11.167	21.750	12	3.533	6.151	15	4.200	2.933	15	65.000	163.456	14	630.000	1.000U
PH	P400	units	7.515	0.270	13	7.520	0.386	15	7.533	0.302	15	7.707	0.301	15	8.400	6.900
SUSSOL	P530	mg/L	1.692	0.751	13	1.467	0.834	15	2.333	1.047	15	2.267	1.280	15	6.000	1.000U
FLOW	P60	CFS	3124.615	3784.793	13	6566.000	5435.535	15	8933.333	5024.990	15	1422.600	1381.037	15	18600.000	237.000
TPN	P600	mg/L	0.124	0.057	6	0.171	0.041	6	0.135	0.055	5	0.216	0.056	6	0.301	0.010U
NH3_N	P610	mg/L	0.016	0.007	13	0.023	0.012	15	0.016	0.013	14	0.018	0.011	15	0.059	0.010U
NO2_DIS	P613	mg/L	0.010	0.000	7	0.010	0.000	9	0.009	0.003	9	0.010	0.000	9	0.012	0.001
NO2_NO3	P630	mg/L	0.033	0.015	13	0.054	0.024	15	0.028	0.027	14	0.062	0.069	15	0.212	0.010K
TP_P	P665	mg/L	0.014	0.005	13	0.015	0.006	14	0.012	0.002	14	0.014	0.005	15	0.029	0.010U
OP_DIS	P671	mg/L	0.010	0.001	13	0.010	0.003	15	0.008	0.003	15	0.010	0.002	15	0.015	0.001
HG	P71900	ug/L	0.034	0.028	3	0.035	0.026	7	0.048	0.045	4	0.109	0.134	5	0.300	0.001P
TURB	P82079	NTU	0.992	0.296	13	1.347	0.889	15	1.427	0.636	15	1.253	0.498	15	3.800	0.500
HARD	P900	mg/L	22.250	2.062	4	23.167	0.983	6	23.000	0.816	4	21.600	1.817	5	25.000	20.000
COND	P95	umhos	56.000	6.928	13	54.933	3.411	15	52.800	8.385	15	53.600	5.552	15	76.000	41.000

Summary statistics should be used with caution because variables may not be normally distributed. Values at the detection limit were replaced with 1/2 the detection limit.

REPORT CREATION DATE: 96/09/27

QUARTERLY DATA SUMMARY--SIX YEAR AVERAGE

Station Number: 59A080 Name: COLVILLE R ABV KETTLE FALLS Class: A Elevation: 1530 River Mile: 9.20

Location:
LOCATED JUST EAST OF KETTLE FALLS AND 0.1 MILE SOUTH OF HIGHWAY 395/20
ON GREENWOOD LOOP ROAD.

Water Years Sampled:

5	6						7								8								9						
9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6
																											X										

VARIABLE	P-CODE	UNITS	---OCTOBER-DECEMBER---			-----JANUARY-MARCH----			------APRIL-JUNE------			----JULY-SEPTEMBER----			-----SIX YEAR------	
			MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MAX	MIN
TEMP	P10	C	6.450	4.313	2	1.567	1.557	3	9.533	3.332	3	15.600	1.044	3	16.800	0.100
PRESS	P25	mmHg	721.600	2.828	2	719.900	9.179	3	721.700	1.825	3	732.333	8.420	3	740.400	709.400
OXYGEN	P300	mg/L	10.550	1.626	2	11.733	0.513	3	9.800	0.854	3	8.000	0.458	3	12.300	7.600
PCTSAT	P301	%	89.550	4.596	2	88.600	4.686	3	89.867	1.150	3	83.000	5.803	3	92.800	76.800
FC	P31616	#/100ml	61.000	41.012	2	24.333	10.970	3	244.667	219.101	3	250.000	52.915	3	450.000	12.000
PH	P400	units	8.100	0.141	2	7.700	0.265	3	7.900	0.100	3	8.133	0.115	3	8.200	7.400
SUSSOL	P530	mg/L	10.500	3.536	2	26.000	15.100	3	41.000	12.124	3	13.667	6.351	3	54.000	8.000
FLOW	P60	CFS	74.500	16.263	2	358.333	109.455	3	741.333	323.298	3	124.667	53.126	3	1030.000	63.000
TPN	P600	mg/L	0.512	0.192	2	0.905	0.225	3	0.499	0.020	3	0.437	0.094	3	1.040	0.345
NH3_N	P610	mg/L	0.030	0.028	2	0.138	0.129	3	0.022	0.016	3	0.031	0.017	3	0.286	0.010U
NO2_NO3	P630	mg/L	0.080	0.095	2	0.631	0.220	3	0.205	0.057	3	0.187	0.070	3	0.840	0.012
TP_P	P665	mg/L	0.077	0.040	2	0.038	0.018	3	0.064	0.005	3	0.057	0.009	3	0.105	0.022
OP_DIS	P671	mg/L	0.000	0.000	0	0.045	0.023	3	0.019	0.006	3	0.029	0.008	3	0.067	0.014
TURB	P82079	NTU	4.400	1.273	2	15.933	9.100	3	18.667	4.933	3	5.933	2.212	3	25.000	3.500
COND	P95	umhos	350.000	2.828	2	339.000	44.193	3	252.000	26.211	3	361.000	4.000	3	387.000	230.000

Summary statistics should be used with caution because variables may not be normally distributed. Values at the detection limit were replaced with 1/2 the detection limit.

REPORT CREATION DATE: 96/09/27

QUARTERLY DATA SUMMARY--SIX YEAR AVERAGE

Station Number: 60A070 Name: KETTLE R NR BARSTOW Class: AA Elevation: 1400 River Mile: 10.90

Location:
LOCATED 10.9 MILES FROM THE MOUTH OF THE KETTLE RIVER, .75 MILES EAST OF BARSTOW ON THE FERRY-STEVENS COUNTY LINE

Water Years Sampled:

5	6						7								8										9						
9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6
	X	X	X	X	X	X	X			X	X		X			X	X		X	X	X	X	X	X	X	X	X	X	X	X			X	X	X	

VARIABLE	P-CODE	UNITS	---OCTOBER-DECEMBER---			-----JANUARY-MARCH----			------APRIL-JUNE------			----JULY-SEPTEMBER----			-----SIX YEAR------	
			MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MAX	MIN
TEMP	P10	C	5.850	4.307	10	1.129	1.222	7	7.578	1.778	9	18.956	1.785	9	22.100	0.000
PRESS	P25	mmHg	727.390	4.946	10	729.057	4.320	7	727.344	4.035	9	730.433	7.697	9	746.000	716.300
OXYGEN	P300	mg/L	12.220	1.357	10	13.614	0.344	7	12.067	0.361	9	9.089	0.337	9	14.000	8.700
PCTSAT	P301	%	101.080	2.038	10	100.157	1.847	7	105.111	3.920	9	101.133	4.961	9	111.300	92.200
FC	P31616	#/100ml	1.600	0.843	10	1.571	1.512	7	18.889	16.781	9	9.556	10.430	9	56.000	1.000U
COD	P340	mg/L	6.500	1.732	4	10.500	7.778	2	20.667	7.767	3	9.500	7.778	2	27.000	4.000K
PH	P400	units	8.290	0.179	10	8.186	0.212	7	7.867	0.173	9	8.389	0.252	9	8.800	7.500J
SUSSOL	P530	mg/L	1.900	1.197	10	2.500	1.871	6	26.778	13.377	9	2.250	1.035	8	49.000	1.000U
FLOW	P60	CFS	550.111	254.885	9	656.000	108.337	7	9918.889	4820.229	9	1564.111	1648.908	9	20100.000	220.000
TPN	P600	mg/L	0.175	0.050	5	0.226	0.070	5	0.156	0.062	6	0.127	0.041	6	0.310	0.079
NH3_N	P610	mg/L	0.021	0.036	10	0.012	0.005	6	0.013	0.004	9	0.012	0.003	8	0.124	0.010U
NO2_DIS	P613	mg/L	0.008	0.004	5	0.010	0.000	2	0.010	0.000	3	0.010	0.000	2	0.010	0.002
NO2_N	P615	mg/L	0.010	0.000	2	0.010	0.000	2	0.010	0.000	2	0.010	0.000	3	0.010	0.010K
NH3_UN	P619	mg/L	0.000	0.000	10	0.000	0.000	5	0.000	0.000	11	0.001	0.001	9	0.001	0.000
NO3_N	P620	mg/L	0.090	0.078	3	0.070	0.028	2	0.023	0.015	3	0.030	0.035	3	0.180	0.010
NO2_NO3	P630	mg/L	0.101	0.107	10	0.122	0.056	7	0.019	0.013	9	0.013	0.005	9	0.381	0.010U
TP_P	P665	mg/L	0.010	0.001	10	0.010	0.000	7	0.032	0.015	9	0.010	0.001	9	0.060	0.008
OP_DIS	P671	mg/L	0.010	0.001	9	0.009	0.002	7	0.008	0.003	9	0.009	0.002	9	0.010	0.005U
COLOR	P80	Pt-Co	15.857	4.451	7	27.000	26.870	2	31.000	8.888	3	3.333	4.041	3	46.000	1.000
TURB	P82079	NTU	0.600	0.221	10	1.114	0.564	7	6.467	2.495	9	0.867	0.229	9	9.700	0.400
HARD	P900	mg/L	0.000	0.000	0	0.000	0.000	0	0.000	0.000	0	0.000	0.000	0	549.000	549.000
COND	P95	umhos	183.800	28.350	10	182.286	48.500	7	72.778	19.992	9	150.556	39.010	9	549.000	549.000

Summary statistics should be used with caution because variables may not be normally distributed. Values at the detection limit were replaced with 1/2 the detection limit.

REPORT CREATION DATE: 96/09/27

QUARTERLY DATA SUMMARY--SIX YEAR AVERAGE

Station Number: 61A070 Name: COLUMBIA R @ NORTHPORT Class: AA Elevation: 1280 River Mile: 735.10

Location:
LOCATED AT THE BRIDGE CROSSING THE COLUMBIA RIVER ON STATE HIGHWAY 25,
IMMEDIATELY NORTHEAST OF NORTHPORT

Water Years Sampled:

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5 6                 7                   8                   9
9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6
X X X X X X X X X X X X X X X X X X X X X X X X X X X X         X X X X X X
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VARIABLE	P-CODE	UNITS	OCTOBER-DECEMBER			JANUARY-MARCH			APRIL-JUNE			JULY-SEPTEMBER			SIX YEAR	
			MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MAX	MIN
TEMP	P10	C	9.115	4.107	13	3.064	1.238	14	8.347	3.200	15	16.887	0.927	15	18.500	1.100J
ZN	P1094	ug/L	9.213	1.627	8	14.364	8.885	11	18.646	18.987	13	13.683	12.007	12	64.000	4.200P
CD	P1113	ug/L	0.570	1.074	7	0.446	0.903	10	0.385	0.830	12	1.943	4.673	10	15.000	0.040P
PB	P1114	ug/L	6.338	8.504	8	4.450	6.092	10	3.218	5.656	11	5.182	7.352	11	20.000	0.000P
CR	P1118	ug/L	1.036	1.756	7	1.795	2.215	10	1.151	1.804	12	1.366	1.948	10	5.000	0.200U
CU	P1119	ug/L	4.038	2.117	8	4.536	3.640	11	4.058	3.043	12	3.364	0.956	11	14.000	0.000P
PRESS	P25	mmHg	729.600	6.901	13	729.662	7.339	13	728.313	8.307	15	728.020	5.272	15	756.200	712.500
OXYGEN	P300	mg/L	11.408	1.406	13	12.957	0.506	14	12.120	0.400	15	10.213	0.500	15	13.700	9.300
PCTSAT	P301	%	101.892	6.064	13	100.507	6.589	14	107.367	6.916	15	109.327	4.535	15	120.100	89.400
FC	P31616	#/100ml	20.769	27.185	13	14.571	36.409	14	17.467	28.881	15	28.786	35.375	14	139.000	1.000U
CHL	P32211	ug/L	0.000	0.000	0	0.000	0.000	0	0.000	0.000	0	1.033	0.114	3	1.160	0.140
PHEO	P32218	ug/L	0.000	0.000	0	0.000	0.000	0	0.000	0.000	0	1.590	0.807	3	2.740	0.960
PH	P400	units	7.977	0.228	13	7.843	0.247	14	8.007	0.202	14	8.140	0.250	15	8.400	7.200
SUSSOL	P530	mg/L	1.846	0.801	13	1.643	0.633	14	3.067	1.751	15	2.067	0.799	15	7.000	1.000U
FLOW	P60	CFS	78415.385	15061.532	13	77092.857	33625.825	14	80866.667	49965.798	15	88280.000	28900.598	15	198000.000	11400.000
TPN	P600	mg/L	0.123	0.019	6	0.160	0.042	6	0.146	0.034	6	0.145	0.011	6	0.198	0.085
NH3_N	P610	mg/L	0.022	0.020	13	0.023	0.013	14	0.020	0.017	15	0.016	0.008	15	0.085	0.010U
NO2_DIS	P613	mg/L	0.010	0.000	7	0.010	0.000	8	0.009	0.003	9	0.010	0.001	9	0.012	0.001
NO2_NO3	P630	mg/L	0.064	0.025	13	0.111	0.018	14	0.073	0.024	15	0.052	0.017	15	0.135	0.021
TP_P	P665	mg/L	0.018	0.007	13	0.017	0.007	14	0.017	0.011	15	0.017	0.016	14	0.069	0.010U
OP_DIS	P671	mg/L	0.012	0.006	12	0.013	0.007	14	0.012	0.009	15	0.013	0.012	15	0.056	0.005U
HG	P71900	ug/L	0.044	0.039	8	0.038	0.020	10	0.048	0.061	14	0.058	0.084	15	0.300	0.001U
TURB	P82079	NTU	0.777	0.224	13	1.014	0.732	14	1.200	0.483	15	1.147	0.484	15	3.000	0.400
HARD	P900	mg/L	70.375	1.408	8	69.400	16.174	10	66.857	4.688	14	62.600	3.312	15	79.000	24.000
COND	P95	umhos	138.923	8.441	13	145.786	12.735	14	135.067	14.945	15	123.600	12.205	15	162.000	99.000

Summary statistics should be used with caution because variables may not be normally distributed. Values at the detection limit were replaced with 1/2 the detection limit.

REPORT CREATION DATE: 96/09/27

QUARTERLY DATA SUMMARY--SIX YEAR AVERAGE

Station Number: 61C070 Name: ONION CR NR NORTHPORT Class: AA Elevation: 1310 River Mile: 0.30

Location:
LOCATED ON HIGHWAY 25 JUST BEFORE CLUGSTON-ONION CREEK ROAD

Water Years Sampled:
5 6 7 8 9
9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6
X

VARIABLE	P-CODE	UNITS	---OCTOBER-DECEMBER---			-----JANUARY-MARCH----			------APRIL-JUNE------			----JULY-SEPTEMBER----			-----SIX YEAR------	
			MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MEAN	STD. DEV.	N	MAX	MIN
TEMP	P10	C	5.350	4.313	2	0.700	1.273	2	6.367	2.854	3	11.800	1.082	3	13.000	-0.200
PRESS	P25	mmHg	726.950	2.899	2	731.500	0.707	2	726.033	1.258	3	737.367	9.196	3	745.700	724.700
OXYGEN	P300	mg/L	11.950	1.202	2	13.550	0.354	2	11.500	0.755	3	10.367	0.231	3	13.800	10.100
PCTSAT	P301	%	98.250	0.495	2	98.300	0.990	2	97.233	0.666	3	98.400	1.637	3	99.800	96.500
FC	P31616	#/100ml	3.500	0.707	2	2.500	0.707	2	71.333	94.638	3	44.667	65.363	3	180.000	2.000
PH	P400	units	8.350	0.071	2	8.200	0.000	2	8.167	0.058	3	8.900	0.424	2	9.200	8.100
SUSSOL	P530	mg/L	2.500	2.121	2	20.500	21.920	2	40.333	24.007	3	2.333	1.528	3	64.000	1.000U
FLOW	P60	CFS	1.000	0.283	2	12.300	5.233	2	42.333	22.546	3	4.100	1.277	3	64.000	0.800
TPN	P600	mg/L	0.076	0.022	2	0.246	0.023	2	0.248	0.013	3	0.173	0.088	3	0.274	0.060
NH3_N	P610	mg/L	0.010	0.000	2	0.010	0.000	2	0.014	0.006	3	0.013	0.006	3	0.021	0.010U
NO2_NO3	P630	mg/L	0.072	0.087	2	0.138	0.010	2	0.047	0.032	3	0.049	0.025	3	0.145	0.010K
TP_P	P665	mg/L	0.034	0.011	2	0.031	0.029	2	0.059	0.022	3	0.037	0.007	3	0.004	0.001U
OP_DIS	P671	mg/L	0.000	0.000	0	0.021	0.002	2	0.017	0.004	3	0.032	0.004	3	0.900	0.900P
TURB	P82079	NTU	0.500	0.000	2	6.000	5.657	2	16.233	8.220	3	1.167	0.723	3	265.000	184.000
COND	P95	umhos	456.500	10.607	2	351.500	20.506	2	237.333	47.014	3	437.333	13.650	3	464.000	191.000

Summary statistics should be used with caution because variables may not be normally distributed. Values at the detection limit were replaced with 1/2 the detection limit.